



AMERICAN PAD & PAPER CO./HOLYOKE, MASS. 01040

Thomas H. Zanon

Permanent Herbarium Notes

1970-1971

Sites 1-187

NJ, R.I., Indiana, Delaware, Va., Maryland, Pa.

NO. 2066

EFFICIENCY® NOTE BOOK

60 LEAVES/10X7 $\frac{7}{8}$

FLORA NOVAE CAESAREAE
THOMAS A. ZANONI

FLORA OF RHODE ISLAND
Thomas A. Zanoni

fl = flowering

fr = fruiting, or fertile frond

st = sterile frond or plant

1, 2 Floodplain of Raritan River, Johnson Park
Piscataway Twp., Middlesex Co., N.J. Fri. 2 May, 1969

1-1 *Alliaria officinalis*

2-1 *Mertensia virginica*

3 Behind Wessels Hall, Rutgers University,
New Brunswick, Middlesex Co., N.J. 7 May 1970

3-1 male flowers of *Thorus alba*

4, 5, 7, 8 In cleared forest area, on Indian Trail,
Narragansett, Washington Co., R.I.

June 11, 1969

8-1 *Woodwardia areolata*

4-1 *Kalmia angustifolia*

~~5-1~~ *Sisyrinchium*

7-1 *Osmondia regalis*

6 Along edge of road, Rts 138, East of Rt. 1
South Kingstown, Washington Co., R.I.

11 June 1969

6-1 *Viburnum dentatum* *recognitum*

9, 11 Swamp at Rt. 1A and Indian Trail,
Narragansett, Washington Co., R.I.

11 June 1969

9-1 *Osmunda regalis*

11-1 *Arisaema atrorubens*

10, 12 Woods, east of Pettaquamscutt River, Rt. 1A
at Town Line of N. Kingston - Narragansett, Washington Co., R.I.

11 June 1969

10-1 *Polytrichum*

12-1 *Pyrola rotundifolia* var. *americana*

13

1/2 mi. East of Clove Road, on Deckertown Turnpike,
Sussex County, New Jersey
Under hemlock forest under limestone cliff

Sun. Sept. 6, 1970

- 13-1 *Camptosorus rhizophyllus*
- 13-3 *Botrychium virginianum*
- 13-2 *Dryopteris* sp.

w/ J. O. Ossi

14A

at Lawrence Top - Hamilton Top Tomline on Rt. 533
near Assumpink Creek, Mercer Co., New Jersey

Sept. 10, 1970

- 14A-1 *Lespedeza* (also *Hibiscus palustris* present)

14B

3/4 mi. East of Rt. 535 on first major crossroad
north of Paxson Avenue
Hamilton Top, Mercer Co., N.J.

Ferna

10 Sept. 1970

- 14B-1 *Osunda cinnamomea*
- 14B-2 *Athyrium filix femina*
- 14B-3

- 15 East of Pettaquamscutt R., at town lines of
Narragansett - N. Kingstown, Washington Co., Rhode Island
in Black-white Oak forest
15-1 *Lycopodium complanatum* 17 May 1970
15-2 *Cypripedium acaule*

- 16 1,000 ft. South of N. Kingstown - Narragansett Town lines
on Rt. 1A, Narragansett, Washington Co., R.I.
at edge of road & swamp
16-1 *Equisetum arvense* 17 May 1970

- 17 1/2 mi. north of Atsion Lake, on Rt. 206,
Burlington Co., New Jersey.
at edge of road in ditch.
17-1 *Woodsia (Lorinseria) areolata* 16 August 1970

18 Pettaquamscutt Rock, 1 1/2 mi. S. of
Bridgetown Road, on Middlebridge Rd.
Wakefield, Washington Co., R.I.

18-1 *Athyrium filix-femina* 4 July 1970
11 July 1970

19 William Hutcheson Memorial Forest, Amwell Rd.
E. Millstone, Somerset Co., New Jersey
Section 13 of forest, near R.R. tracks.

Sat. 18 July 1970

19-1 *Athyrium filix-femina*

19-2 *Asplenium platyneuron*

20 Across the road from Allaire State
Park Nature Center, off Rt. 549
Farmingdale, Monmouth Co., N.J.
In woods on floodplain

Sun. 19 July 1970

20-1 *Athyrium filix-femina*

20-2 *Dryopteris*

21

On Stanhope Road at Cherry Tree Lane,
Sparta, Sussex Co., N.J.
In woods at edge of Pond.

Sun. 25 July 1970

21-1 *Athyrium filix femina*

(w/R. Zaroni)

22

On Long Hill Road, 1/2 mi. East Jct. of
Hollow Rd - Zion Westville Rd - Long Hill Road.
Zion, Somerset Co., N.J.

(Pine Oak Rd.
&
Dutchtown Zion Rd.)

Sat. 8 August 1970

22-1 *Athyrium filix femina*

22-2

22-3

23

(site 1) North and (site 2) South of Jct. of Great Rd, on Rosedale Road,
North of Rosedale, New Jersey Mercer Co. (near Princeton)
(Neuro Psych Affair)

Sun. 9 August 1970

23-1 *Athyrium filix femina* (site 1)

(w/Pf. Ossi)

23-2 *Athyrium filix femina* (site 2 - green stipe)

23-3 *Athyrium filix femina* (site 2 - red stipe)

24 1/8 mi. NE of Jct. Rt. 206 + Quaker Bridge Road.
at Atsion Lake, Wharton A Forest, Burlington Co., N.J.
In Ailanthus + Acer rubrum woods (Jun. August 16, 1970)
on a tributary flood plain.

24-1 *Dryopteris*

24-2 *Athyrium filix-femina* (red stipe)

25. William Hutcheson Memorial Forest (Rt. 514 = Amwell Rd.)
East Millstone, Somerset Co., N.J.
site B-7

9 August 1970

Athyrium filix-femina - no specimen taken

26 Apprx. 1,000 ft. from Delaware River, along Delaware Avenue
Fieldsboro, Burlington Co., N.J.
in moist shaded woods

15 August 1970

26-1 *Equisetum arvense*

27. Rd. from Rt. 130 to Hedding, opposite 3rd St.
Hedding Burlington Co., N.J.

15 August 1970

Lythrum salicaria
Eupatorium peyfoliatum
Vernonia

28A On Road from Hedding to Mt. Holly,
before first N.J. Turnpike bridge.
Hedding, Burlington Co., New Jersey.

15 August 1970

28A-1 *Pteridium aquilinum*

28-B On Road from Hedding to Mt. Holly, between
the 2 N.J. TPK bridges, along edge of pasture
Hedding, Burlington Co., N.J.

28B-1 *Pteridium aquilinum*

15 August 1970

29 On road from Hedding to Mount Holly,
just south of 2nd N.J. TPK. overpass,
Hedding, Burlington Co., N.J.

15 August 1970

at edge of road at bridge over stream

29-1 *Pteridium aquilinum* (curly)

29-2 *Pteridium aquilinum* (normal)

30 1/4 mi. W of Rt. 543, on Road from Hedding to Mt. Holly,
at edge of road.
Jacksonville, Burlington Co., N.J.

15 August 1970

30-1 *Equisetum arvense*

30-2 *Anolea sensibilis*

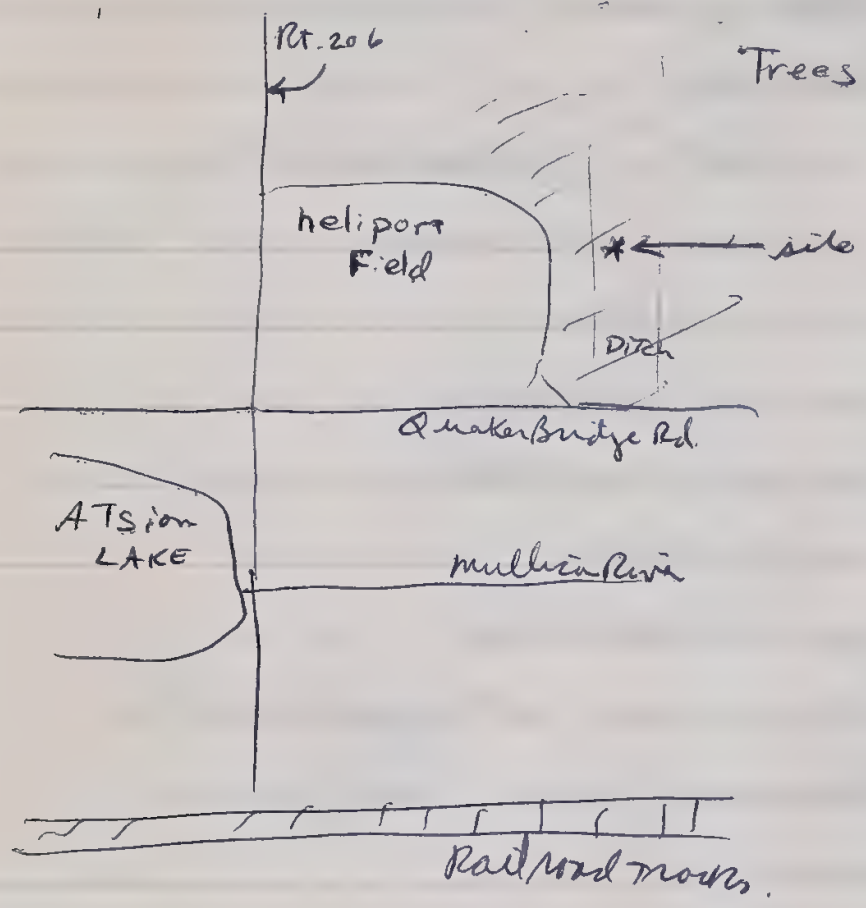
30-3 *Dennstaedtia punctilobula*

30-4 *Anolea sensibilis* var. *obtusilobata* (one found only)

31- NOT USED on a side

32

North east corner, of Rt. 206 + Quaker Bridge Rd.
Atsion, Burlington Co., N.J.



Lygodium palmatum
site of Mr. Buell,
but not yet seen
here.

33 In a Black and white OAK-Hickory forest
at the Town lines of N. Kingstown - Narragansett,
East of Pettaquamscutt River,
Washington County, Rhode Island

13 September 1970

34 In a cleared out woods (red maple, oak-hickory)
on Indian Trail, $\frac{1}{4}$ mi. West of Rt. 1A,
Narragansett, Washington Co., Rhode Island.

13 September 1970

34-1 *Thelypteris noveboracensis*
Athyrium filix-femina
Dennstaedtia punctilobula

35 Along Middlebridge road, $\frac{1}{4}$ mi. north of Pettaquamscutt
Road, at Old Graphite Mine site.
Waterfield, Washington Co., R.I.

12 September 1970

Eupatorium dubium

36

Along Middlebridge Road, between
Pettquamscutt Rock and Tarry Road,
Wakefield, Washington Co., Rhode Island

12 Sept. 1970

36-1 *Eupatorium albidum*

36-2 *Tanacetum vulgare*

36-3 *Athyrium filix-femina*

36-4 *Thelypteris noveboracensis* (L.) Newell

36-5 *Solidago*

36-6 *Aster*

37.

On Tarry Road, near Middlebridge Road, at Edge of Road.
Wakefield, Washington Co., Rhode Island

12 Sept. 1970

Clematis virginiana

Athyrium filix-femina

Viburnum recognitum

Myrica pennsylvanica

Spartina pectinata - rare

38

Around Wessuage Pond, Bonnett Shores,
Washington Co., Rhode Island

12 Sept. 1970

Spartina pectinata - common

39. On Route 543, $\frac{3}{4}$ -1 mile from Rt. 68 EAST,
in woods at left side of road,
Georgetown, Burlington County, ~~Rutherford~~ New Jersey
19 September 1970

39-1 *Athyrium filix-femina*

39-2 *Onoclea sensibilis*

40. On the flood plain of the North Branch of Rancocas Creek,
just east of Rt. 206, damp, moist soil.
Burlington County, New Jersey
19 Sept. 1970

Chelone glabra

Eupatorium

Polygonum sagittatum

41. On Red Lion Road, $\frac{1}{8}$ mile East of Red Lion Airport.
Along stream & Road,
Red Lion (East Vincenton), Burlington Co., N.J.
19 Sept. 1970

Saxonaria officinalis
Sparganium angustifolium

41-3 *Pteridium aquilinum*

42. In a Beech-gray Birch - Chestnut Oak - Sassafras Woods,
 $\frac{1}{3}$ mile East of U.S. Rt. 1 on New Road,
Kendall Park, Somerset County, New Jersey

42-1

20 Sept. 1970

42-2 *Pteridium aquilinum*

42-3 *Dennstaedtia punctiloba* (no spores)

42-4 *Thelypteris noveboracensis* (spores)

43. In moist woods at New Road & U.S. Rt. 1,
N.W. corner, along New Road,
Kendall Park, Somerset County, New Jersey

43-1 *Viburnum acerifolium* (fruit) 20 Sept. 1970

43-2 *Dennstaedtia punctiloba* (no spores)

43-3

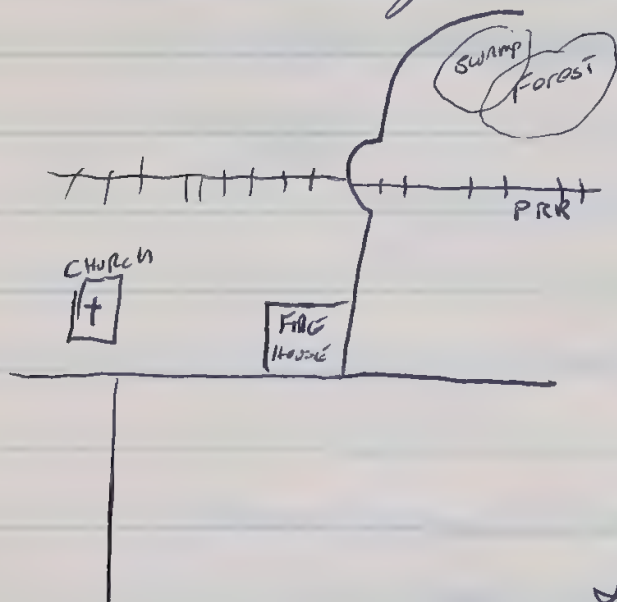
43-4 *Thelypteris noveboracensis* (spores)

43-5 *Polypodium virginicum* (dried sp.)

44.

1/4 mile past Pa. RR. overpass, East of
Mormouth Junction, Mercer County, New Jersey

20 Sept. 1970



In swamp.

44-1 Woodwardia virginica

44-2 Polygonum arifolium

44-3 Polygonum sagittatum

In Nypsa-Liquidambar woods.

*Lorinseria areolata*44-4 *Onoclea sensibilis*

45. On floodplain of river, 2 miles south of Maple Mead,
on Rt. 130 (under bridge, east side of road.

Maple Mead, Middlesex(?) Co., New Jersey

20 Sept. 1970

45-1 *Athyrium filix femina* (2 or 3 plants)45-2 *Lorinseria areolata*45-3 *Onoclea*45-4 *Thelypteris noveboracensis*45-5 *Artiluceae* *Behmeria cylindrica*45-6 *Dryopteris marginalis*

46 . On the road from Fairview to Sewell,
on the flood plain of the South branch of Mantua Creek,
just south of the town of Sewell, Gloucester Co., N.J.

20 Sept. 1970

46-1 *Eupatorium*

46-2 *Cornus florida* infruct

46-3 *Boehmeria cylindrica* (L) Sw.

(W. A. J. Ossi)

46-5 *Quercus sensibilibis* L.

46-4 *Dryopteris*

46-6 *Lonicera areolata*

46-7 *Botrychium*

46-8 *Asplenium ~~openseides~~ platyneuron* (1 plant only)

47 Pt. 47 at Mantua Creek, NE bank of Creek, (1 mi. E of Pt. 47)
North of Glassboro, Gloucester Co., N.J.

in Pine woods, along trail to river

(W. A. J. Ossi)

47-1 *Eupatorium dubium*

47-2 *Pteridium aquilinum*, curly cut

47-3 *Pteridium aquilinum*, normal

48. Palmerton, Carbon Co., Pennsylvania
Behind east plant of New Jersey Zinc plant,
on dry slope near railroad tracks
3 September, 1970
(w. Jeff Leppin)
48-1 *Equisetum arvense*
49. In a disturbed field, off. Old Boston Neck Road,
Narragansett, Washington Co., Rhode Island
4 July 1970
49-1 *Polygala polygama*
50. On trail to Pettaquamscutt Neck, from
Middlebridge Road, /
South Kingstown, Washington Co., Rhode Island
10 July 1970
50-1 *Polygala polygama*
51. In 3 year old field on Indian Trail
Narragansett, Washington County, Rhode Island
10 July 1970
51-1 *Spiraea tomentosa*
51-2 *Verbena*

52 NW corner of ^{North} South Shore Road + Rt. 206
on Rocky slope, between Netcong + Andover
Sussex Co. (?), New Jersey

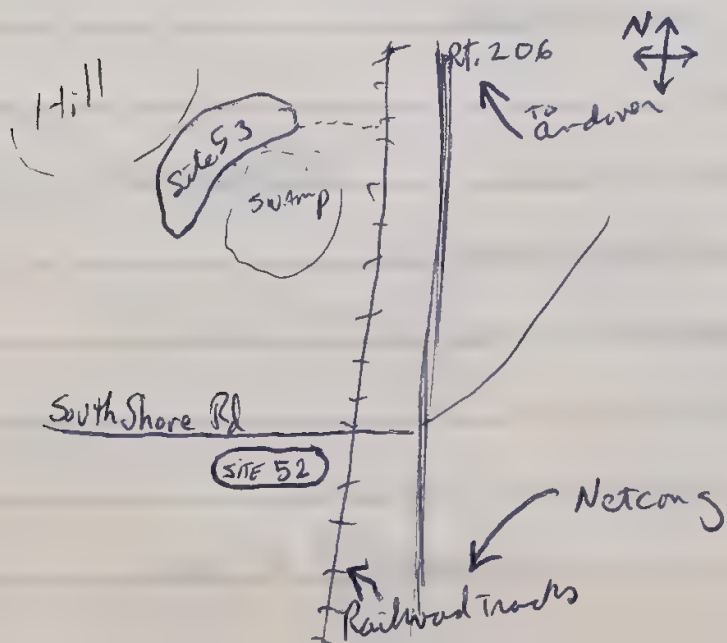
4 August 1970

- 52-1 *Dennstaedtia punctilobula*
- 52-2 *Polypodium vulgare* var. *virginianum* (w/ Ray Zanoni)
- 52-3 *Dryopteris marginalis*
- 52-4 *Thelypteris noveboracensis*

53. NW corner of ^{North} South Shore Road + Rt. 206
behind swamp + around swamp.
between Andover + Netcong, Sussex Co., New Jersey

4 August 1970

- 53-1 *Polystichum acrostichoides*
- 53-2 *Athyrium filix femina* (w/ Ray Zanoni)
- 53-3 *Dryopteris spinulosa*



54. 7 miles east of jct. Rts 522 + 208,
on Rt. 208, Sandy soil along road.
Louisa, Virginia (Louisa Co.)

20-21 June 1970

54-1 *Solanum virginica*

(with J.R. Gray)

55. WHMF, 8-7.

Hitchcock Memorial Forest,

Rt. 514, Amwell Road, East Millstone, Somerset Co., N.J.

9 August 1970

- Nothing Collected -

BVT *Athyrium filix-femina* site established

56 along stream floodplain

near Post Oak,

Spotsylvania Co, Virginia

56-1 *Sambucus canadensis*

20 June 1970

56-2 *Phytolacca americana* (along road)

56-3 } Sedges + *Sparganium*

56-4 }

56-5 }

56-6 }

(with J.R. Gray)

see file 66

57. In Forked River Bog,
Forked River, N.J.

(see Dr. J. A. Quinn for
location
(w./L.L. Linder)

57-1 *Polygala lutea*

24 June 1970

58. Martha Bog, on Oswego River, off Rt. 563 Spur
Burlington Co., N.J.

58 A-1 → 25 June 1970 → *Calypso ophioglossoides* (w./L.L. Linder)

58 B-1 → 16 June 1970 → *Cerastium* (?) (w./L.L. Linder)

59. Along RL Tracks, off Rt. 72, next to edge of
Lebanon State Forest, Wheatland New Jersey

30 June 1970

59-1 *Isoetes virginiana*

(w. L.L. Linder)

60. At Junction of Rts 539 + 532,
(Pines)

New Jersey

30 June 1970

60-1 *Pteridium aquilinum*

(w/ L.L. Linder)

61 On Rt. 28, 6 miles east of Rt. 13,
Laurel, Delaware

19 June, 1970

61-1 *Asclepias tuberosa*

(with J. R. Gray)

62 On edge of road under *Pinus* sp.,
Rt. 64, 1 mile west of Williamsburg, James City County,
Virginia

19 June, 1970

62-1 *Polystichum acrostechoides*

(w/ J. R. Gray)

63 On Rt. 618, 3 miles south of Franktown, Northampton Co.,
Virginia — near woods.

(19 June 1970)

63-1 *Campsis radicans* (L.) Kl.

(w/ J. R. Gray)

64 On Rt. 64, 2.1 miles East of James City County line,
along road side.

James City County, Virginia

(w/ J. R. Gray)

19 June 1970

64-1 *Plantago cristata*

65. At Martha Furnace, on Oswego River at edge of
Wharton State Forest, Burlington Co., N.J. (on Rt. 563 spur)
16 June 1970

Asplenium platyneuron

Calopogon

Northcium americanum (w/ L.L. Lindauer)

66. On stream banks. - Same as site No. 56.

But Numbers 66-etc. are used (Not 56)

20 June, 1970

(w/ J. P. Gray)

66-1 *Sambucus canadensis*

66-2 *Phytolacca americana*

66-3 *Sparganium angustifolium*

66-4 *Carex lupulina*

66-5 sedge

66-6 - sedge

67 $\frac{7}{10}$ mile from Rt. 72 on Rt. 534 near
Brookville, Ocean County, New Jersey

67A- *Kalmia latifolia*

67A- *Jepsonia virginiana*

16 June, 1970

(w/ L.L. Lindauer)

67B- 21 July 1970 - 67-B1 *Panicum virgatum*
(w/ L.L. Lindauer)

68. 3.1 miles from Rt. 72, at edge of Lebanon St. Food,
- between road & Railroad Tracks
Wheatland, New Jersey. (w/ L.L. Lindauer)
68-1 *Daphnopsis virginiana* 22 June 1970

69. At Oswego Lake on Rt. 563 Spur
Burlington Co., New Jersey (w/ J.R. Gray & L.L. Lindauer)
69-1 *Bromus tectorum* 22 June 1970

70. $\frac{3}{10}$ mi. West of Chatsworth, on Rt. 532, at
Bridge along Trail
Chatsworth, New Jersey W.
22 June 1970

70- *Pteridium aquilinum* (w/ L.L. Lindauer)

71- $\frac{1}{2}$ mi. N of Jenkins, Rt. 563, SW side of road,
Burlington County, New Jersey 3ft x 10ft Pop.

71-1 *Trisacum dactyloides* (w/ L.L. Lindauer)
see Dr. Quinn for site
(w/ L.L. Lindauer)

72. In woods (OAK-Buck-Hickory) at Rt. 1A and
N. Kingstown, Narragansett Townline, Narragansett,
Washington Co, R.I.

Friday May 15, 1970

- 72-1 *Trientalis borealis*
- 72-2 *Viola lanceolata*
- 72-3 *Maianthemum canadense*
- 72-4 *Ericaceae* shrub *Vaccinium*
- 72-5 *Viola*,
- 72-6 *Ericaceae* shrub
- 72-7 *Ericaceae* shrub.
- 72-8 *Ericaceae* shrub *Vaccinium*
- 72-9 *Ericaceae* shrub.
- 72-10 *Oxalis arifolia*

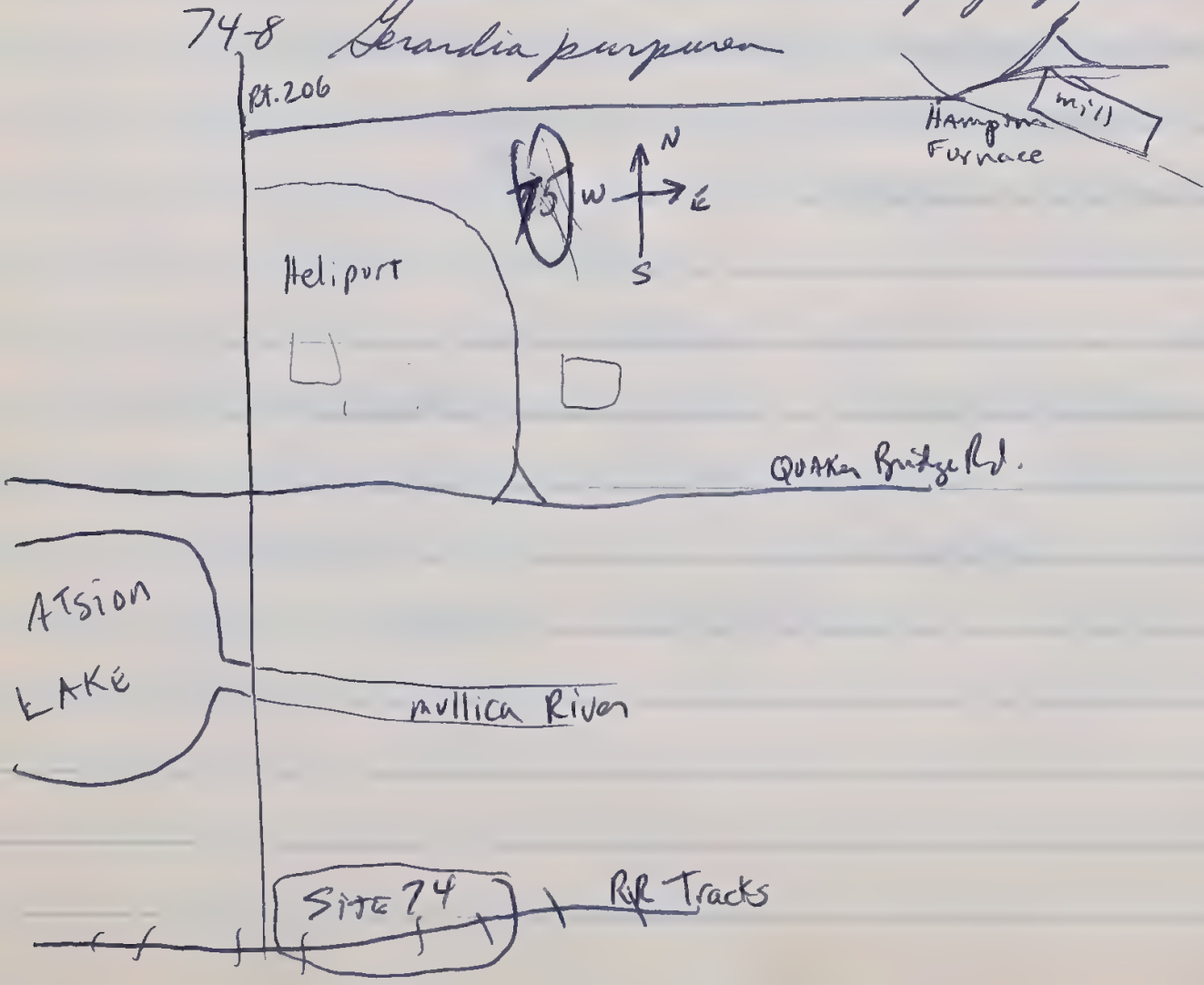
73. In swamp at Rt. 1A and Indian Trail,
Narragansett Townline, Narragansett, Washington Co, R.I.

73-1 *Griseb. triflorum*

Friday 15 May, 1970

74. 1/10 mile south of Atsion Lake,
 at Rt. 206 + Railroad Tracks.
 Atsion, Burlington Co, New Jersey
 Saturday 30 Oct. 1970

- 74-1 *Clethra alnifolia*
- 74-2 *Eupatorium rotundifolium*
- 74-3 *Leonanthus occidentalis*
- 74-4 *Chamaecyparis thyoides*
- 74-5 *Eupatorium leucolepis* (?)
- 74-6 *Spiranthes cernua*
- 74-7 *Scutellaria autumnalis* (polyphylo)
- 74-8 *Gerardia purpurea*



75. On Rt. 206, NE Corner of Jct w/ Quaker Bridge Rd,
Atsion, Burlington Co, N.J.

Sat. 3 Oct. 1970

75-1 *Dryopteris spinulosa*

76. Hampton Furrow, along stream,
Atsion area, Burlington Co, New Jersey

Sat. 3 October 1970

76-1 *Alnus*

77. Raccoon Creek, across road from lake in Ewan,
Gloucester Co, N.J.

On Flood Plain - banks & banks of Creek

Sat. 3 Oct. 1970

77-1 *Urticaceae*

77-2 *Alnus*

77-3 *Anoda pensilvanica*

77-4 *Asclepias purpurascens*

77-5 *Osunda cernua*

77-6 *Sithyrion filix femina*

77-7 *Thelypteris noveboracensis*

77-8 *Coryphus rigidior*

77-9 *Epipactis atrorubens*

77-10 *Berberis thunbergii* → *Phragmites communis*

77-11 *Dryopteris spinulosa*

77-12

78

off. rt. 77, Indian Run Creek
 floodplain
 Elmer-Shirley, Salem Co, New Jersey
 Sat. 3 October 1970

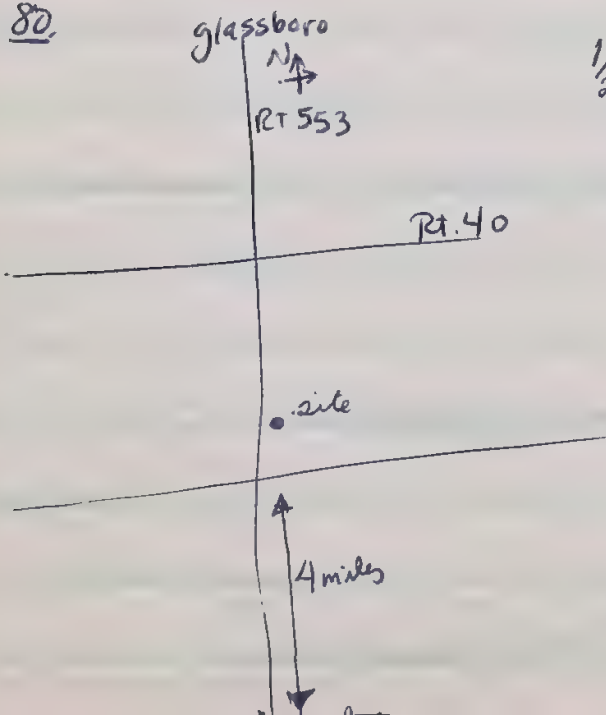
- 78-1 *Polygonum sagittatum*
- 78-2 *Athyrium filix femina* (var. *splenoides*?)
- 78-3 *Pilea pumila*
- 78-4 *Oxoclea sensibilis* - normal
Oxoclea sensibilis - $\frac{1}{2}$ fertile - $\frac{1}{2}$ sterile ground

79

1 mile north of Centerton, On Rt. 540, in farmers fields
 Centerton, Cumberland Co, New Jersey
 Salem
 Sat. 3 Oct. 1970

- 79-1 *Sorghum vulgare*

80



$\frac{1}{2}$ mile south of Jct. Rt. 553 x Rt. 553,

in moist swampy woods,
 Centerton, ~~Howe~~ ^{Salem} Co, N.J.

- 80-1 *Viburnum dentatum*
- 80-2 *Woodwardia areolata*

81. 1/2 mile east of Rt. 295 on road to (N side of road in woods)
Auburn, Gloucester Co, N.J.

Sun. Oct. 4, 1970

81-1 *Ilex opaca* det.

81-2 *Viburnum dentatum*

81-3 *Urtica alnifolia* 3

81-4 *Thelypteris noveboracensis* 1

81-5 *Dennstaedtia punctilobula*

81-6 *Eupatorium* 1

82 3/4 mile east of Rt 295 on road to Auburn,
In woods on south side of road,
Auburn, Gloucester Co, N.J.

Sun. Oct. 4, 1970

82-1 *Quercus velutina*

82-2 *Smilax* in fruit

82-3 *Grapholium obtusifolium* } at edge of *Asperagus* field

82-4 *Anemone patens* }
in seed.

83

On flood plain of Old Man's Creek, at Rt. 551 overpass
NE of Auburn, Gloucester Co, N.J.
Sun. Oct. 4, 1970

- 83-1 *Verbascum thapsus* rosette
- 83-2 *Achillea millefolium*
- 83-3 *Eupatorium perfoliatum*
- 83-4 nettle - *Laportea canadensis* (L.) Gaud.
- 83-5 8ft. shrub = *Populus alba* sprout
- 83-6 *Oroclen serotilis*
- 83-7 vine (herb) *Humulus japonicus*
- 83-8 *Ilex opaca*
- 83-9 *Verbascum thapsus* plant
- 83-10

84.

Rt. 551, on first rise after bridge
over Old Man's Creek, opposite small
pond on east side of road.

1/2 mi. N. of Auburn, Gloucester Co, N.J.

Sun. Oct. 4, 1970

- 84-1 *Tripsacum dactyloides*
(pop. size: 5-10ft X 30-40ft)

85. On road to Piedmont, off Rt. 551 ($\frac{1}{2}$ to $\frac{3}{4}$ mile from Rt. 551)
Auburn, Gloucester Co., N.J.
Moist dip w/ Beech slope

Sun. Oct. 4, 1970

- 85-1 *Athyrium filix-femina* 85-5 *Pteridium aquilinum*
85-2 *Thelypteris noveboracensis*
85-3 *Epipogon virginianus*
85-4 *Asplenium cinnamomeum*

86 On the flood plain of Edwards Run,
Rt. 45, South of Mantua, Gloucester Co., N.J.
Sun, Oct 4, 1970

- 86-1 *Onoclea sensibilis*
86-2 *Pilea fontana*

87. Along Rocktown Wertsville Road
East Amwell Tap, Hunterdon Co., N.J.

Sat. 26 Sept. 1970

- 87-1 *Adiantum pedatum*
87-2 a. *Athyrium filix-femina* Green Stipe 87-2b. Red stipe 87-2c. Near swamp
87-3 *Polystichum acrostichoides*
87-4 *Thelypteris noveboracensis*
87-A-1 *Athyrium filix-femina* in Lafort Drive way

(w/ E. Lafort)

88 Lake View Drive, (Rocktown)
West Amwell Twp. Hunterdon Co, N.J.

Sept 26, 1970

88-1 *Dryopteris spinulosa*

88-2 *Polystichum acrostichoides* (w/ E. Laport)

89 near Rock Road
West Amwell Twp, Hunterdon Co, N.J.

Sept. 26, 1970

89-1 *Athyrium filix-femina*

(w/ E. Laport)

90 Delaware township line, Hunterdon Co, N.J.
(in old moist field)

Sat. Sept. 26, 1970

90-1 *Lenticona crinita*

(w/ E. Laport)

91 Along Bailey Hollow Road, 1/2 mile from Rt. 202,
Morristown, Morris Co, New Jersey

Sat. 10 Oct. 1970

91-1 *Thelypteris noveboracensis*

91-7 *Demissa punctiloba*

91-2 *Onoclea pennsylvanica*

91-3 *Athyrium* sp. red stipe

91-4 *Athyrium* sp. green stipe

91-5 *Viburnum acerifolium* fruit

91-6 *Pteridium aquilinum*

92 On Edge of abandoned field, on Tempelwick Road,
E. $\frac{1}{2}$ mile from Rt. 202,
Morristown, Morris Co, N.J. 10 Oct. 1970

92-1 *Aster korabelyi* in flower

92-2 *Conus floridanus* in fruit

93. At edge of bog along Rt. 206, $\frac{1}{2}$ mile north of
Mullica River, Atsion, Burlington Co, N.J.
Sun Oct. 11, 1970.

93-1 *Woodwardia virginiana*

94. On road to Hampton Furnace (3 mi from Rt 206,
 $\frac{1}{4}$ mile N. of Atsion, Burlington Co, N.J.
Sun 11 Oct. 1970

along stream floodplain

94-1 *Lyzodium palvatum*

94-2 *Polygonella articulata*

↑
in pines soil w/ *Hudsonia tomentosa*

95. In old cranberry bog, Hampton Furnace,
Atsion, Burlington Co, N.J. Sun. 11 Oct. 1970

95-1 *Vaccinium macrocarpon* in fruit

96. Along R.R. tracks, south of Mullica River on Rt. 206
Olson, Burlington Co., N.J.

Sun, 11 Oct. 1970

96-1 *Plyzala lutea*

97. SW. corner, Jct. Rts. 532 and 206,
Burlington County, New Jersey

Sun, 11 Oct. 1970

97-1 *Onoclea sensibilis*

97-2 *Eupatorium rotundifolium* var. *ovatum*

97-3 *Eupatorium pilulosum* (*E. rotundifolium* var. *laundersonii*)

98. SE. Corner of Rt. 130 and Budgeboro Rd.,
along Rancocas Creek,
Delran, Burlington Co., N.J.

Sun 11 Oct. 1970

98-1 *Catalpa speciosa* in fruit

99. along Clay Street, (SE. corner Rt. 130 + Budgeboro Rd.)
Delran Twp., Burlington Co., N.J.

Sun 11 Oct. 1970

99-1 *Eupatorium rugosum*

100. 1/2 mile south of South Budgebro Road.
Delran Twp., Burlington County, N.J.
Sun Oct. 11, 1970

100-1 *Eupatorium rugosum*.

101 1/2 mi north of Moorestown - Centertown Road,
on Creek Road (1/4 mi. SW, in woods near stream)
Moorestown Twp., Burlington Co., N.J.
Sun. Oct. 11, 1970

101-1 *Lycopodium obscurum*
101-2 *Lycopodium complanatum*

102 Rt. 542, 9/10 mi. N. of Batsto, Behind
Batsto - Pleasant Hill United Methodist Church,
Batsto, Atlantic Co., N.J. Mon Oct. 12, 1970

Oct. 12, 1970
Monday

102-1 *Polygonella articulata*
102-2 *Alex. glabra* in fruit
102-3 *Chamaecyparis* in fruit
102-4 *Alex. opaca* in fruit (orange)
102-5 *Pellia epiphyllum* (Linn.) Woodw.)

(w/ Arthur O. Tucker
& Sharon Smith)

Oct. 22, 1970
Thursday

102B-1 *Lerophyllum brevifolium* in fruit
102-3b Sedge *Rhynchospora*

103 Martha Bog, off Rt. 563 spur (w A. O. Tucker
Burlington Co., N.J. + Sharon Smith)

Mon 12 Oct. 1970

103-1 *Lycopodium inundatum biglovii*

103-2 *Lycopodium alopecuroides*

103-3 *Schizaea pusilla*

104. On Hunee Hollow Road (along road + in woods)
1/2 mile North of Boulder Hill Road,
South E. of Califon, Hunterdon Co., N.J.

Sat. Oct. 17, 1970

104-1 *Adiantum filix femina*

104-2 *Equisetum arvense*

104-3 *Thelypteris noveboracensis*

104-4 *Dryopteris marginalis*

104-5 *Polypodium acrostichoides*

104-6 *Eupatorium*

(w. A. J. Ossi)

105. On Boulder Hill Road, $\frac{1}{5}$ mile off Geunee Hollow Road,
SE of Califon, Hunterdon Co, N.J.

Sat. 17 Oct. 1970

- 105-1 *Botrychium virginianum*
105-2 *Botrychium dissectum dissectum*
105-3 *Athyrium filix-femina*
105-4 *Dryopteris marginalis*
105-5 *Dennstaedtia punctilobula*
105-6 *Epifagus virginiana*
105-7 *Polystichum acrostichoides*

(w/A. J. Ossi.)

106, A. On Boulder Hill Road, $\frac{1}{2}$ mile from Sutton Road,
SE of Califon, Hunterdon Co, N.J.

Sat. 17 Oct. 1970

(w/A. J. Ossi.)

- 106A-1 *Athyrium filix-femina*

106B at jet of Boulder Hill Road, on Sutton Road, (edge of pasture)
SE of Califon, Hunterdon Co, N.J.

Sat. 17 Oct. 1970

(w/ A. J. Ossi.)

- 106B-1 *Cornus racemosa*

107. $\frac{1}{4}$ mile east of Rt. 517 on Rt. 512,
East of Fairmont Methodist Church. (w/ A. J. Ossi)
Fairmont, Hunterdon Co..

Sat. 17 Oct. 1970

107-1 *Polygonum cuspidatum* - At edge of lawn of house
with potato fence.

108.A $\frac{3}{4}$ mile East of Rt. 517 on Rt. 512
near Lemington River, Fairmont, Hunterdon Co, N.J.

Sat. 17 Oct. 1970

108 A-1 *Dryopteris marginalis* (w. A. J. Ossi)

108B 2 miles from Rt. 517 on Rt. 512, edge of wood
Fairmount, Hunterdon Co, N.J.

Sat. 17 Oct. 1970

108B-1 *Sorghum halpense* (L.) Pers. (w/ A. J. Ossi)

109. In cemetery on Morris Street, between Livingston Ave.
and George Street
New Brunswick, Middlesex Co., N.J.

Sat. 17 Oct. 1970

- 109-1 *Cerastanoides* in fruit
109-2 *Linaria vulgaris*
109-3 *Saponaria officinalis*
109-4 *Solanum dulcamara* in fruit
109-5 *Eupatorium dulcivum* (?)
109-6 *Lycopodium americanum*
109-7 *Phytolacca americana*
109-8 *Asparagus officinalis*

110. $\frac{1}{2}$ mile East of Rt. 1A on Wamsutter Road,
Bonneth Shores (nonogansett), Washington Co., R.I.

Sun. Oct. 25, 1970

Climbing over trees & shrubs.

- 110-1 *Celastrus orbiculata*

111. At end of Capt. Freebody Road, on beach of
Narragansett Bay, Narragansett (south of Narragansett Pier)
Washington Co., Rhode Island.

Sunday Oct. 25, 1970

- 111-1 *Spartina*
- 111-2 *Rudbeckia hirta*
- 111-3 *Achillea millefolium*
- 111-4 *Lycopus americanus*
- 111-5 *Daucus carota*
- 111-6 *Myrica pennsylvanica*
- 111-7 *Solidago sempervirens*
- 111-8 algae
- 111-9 algae
- 111-10 ~~*Aster novi-belgii*~~ Kelp.
- 111-11 Kelp
- 111-12 algae
- 111-13 algae
- 111-14 algae
- 111-15 *Aster novi-belgii*

112 Near Lighthouse, around Phragmites swamp,
Point Judith, Washington Co., Rhode Island.

- 112-1 *Phragmites communis*
- 112-2 *Juncus vulgaris*
- 112-3 *Myrica pennsylvanica*

Sun. Oct. 25, 1970

113A at State Boat landing on Warden Pond, On Warden Pond Road.
Tuckertown, Washington County, Rhode Island.

113A-1 *Osmunda cinnamomea* Sun 25 Oct. 1970

113A-2 *Clethra alnifolia*

113A-3 *Myrica gale*

113A-4 *Betula populifolia*

113B accross road from site 113A

Sun. Oct. 25, 1970

113B-1 *Lycopodium obscurum*

114 1 mile south of Larken Pond, on Ministerial Road (edge of ^{BOG} swamp)
Kingston, Washington County, Rhode Island.

114-1 *Spiraea tomentosa* in fruit Sun. Oct. 25, 1970

114-2 *Rhododendron maximum*

114-3 *Chamaecyparis thyoides*

115 Shrub planted at Hickman Hall, Douglas College,
New Brunswick, Middlesex Co, New Jersey

Sat. Oct. 24, 1970

115-1 *Berberis julianae* in fruit

116 Rhode Island Historical Cemetery #95,
on U.S. Rt. 1, South Kingstown, Washington Co., R.I.

Monday 26 Oct. 1970

116-1 *Athyrium filix-femina*

116-2 *Eupatorium perfoliatum*

116-

117. In Channel under Wickford Bridge, Rt. 1A (Brant Rock Water)
in heart of Wickford, Washington Co., R.I.

- On rocks at water level.

Mon. 26 Oct. 1970

117-1 *Agar - Ascophyllum nodosum*

118 At the south edge of Old Mountain field,
Old Mt. Road + Rt. 108,

South Kingstown, Washington Co., R.I.

Mon. Oct. 26, 1970

118-2 *Athyrium filix-femina*

118-3 *Thelypteris noveboracensis*

119 Rt. 1A, on south side of Narrow River Inlet,
Narragansett, Rhode Island.

tree 3-4 ft. dbh

Mon. 26 Oct. 1970

119-1 *Populus cordiana* (*P. giladensis*) Twig

120 South of Nanagansett - N. Kingstown Town lines,
Nanagansett, Washington Co, R.I.

Wed. Oct. 28, 1970

No collections

122 Hoosier Highlands - Ravine, etc.

Hoosier Highlands, Washington Twp, Putnam County,
Indiana.

AIBS - Amer Bryological & Lichenological Society Foray ^(Wesima Welch leader)

Sunday, 23 August 1970

- | | | | |
|--------|-----------------------------|--------|--------------------------------|
| 122-1 | <i>Polytrichum ohioense</i> | 122-15 | <i>Fissidens</i> |
| 122-2 | | 122-16 | <i>Conocephalum crinum</i> |
| 122-3 | <i>Atrichum angustatum</i> | 122-17 | |
| 122-4 | <i>Atrichum angustatum</i> | 122-18 | <i>Basidium pleurozocus</i> |
| 122-5 | | 122-19 | <i>Reboulia hemisphaerica</i> |
| 122-6 | | 122-20 | <i>Parmelia bolleana</i> |
| 122-7 | lichen | 122-21 | <i>Pyrenopeziza</i> |
| 122-8 | <i>Parmelia pedicellata</i> | 122-22 | <i>Fissidens</i> |
| 122-9 | <i>Parmelia</i> | 122-23 | <i>Parmelia</i> |
| 122-10 | | 122-24 | <i>Rhodoglyphum</i> |
| 122-11 | <i>Cladonia</i> | 122-25 | <i>Clinocarpum dendroideum</i> |
| 122-12 | liverwort | 122-26 | <i>Cladonia furcata</i> |
| 122-13 | <i>Junonia</i> | 122-27 | <i>Ptilodermis?</i> |
| 122-14 | | 122-28 | <i>Leucophaea attenuata</i> |

- | | | | | |
|--------|-------------------|--------------------|--------|---------------|
| 122-29 | <i>Leucobryum</i> | <i>glaucum</i> | 122-36 | <i>marina</i> |
| 122-30 | <i>Alon</i> | | 122-37 | <i>Mnium</i> |
| 122-31 | <i>Atrichum</i> | <i>angustatum</i> | 122-38 | <i>lichen</i> |
| 122-32 | <i>Pectromia</i> | <i>ponyiformis</i> | 122-39 | <i>lichen</i> |
| 122-33 | <i>Bosidia</i> | | 122-40 | <i>mass</i> |
| 122-34 | <i>Buxidia</i> | <i>scheeleana</i> | 122-41 | <i>mass</i> |
| 122-35 | <i>Cladonia</i> | | | |

W/ Winona Welch, } a few I.D. ed
 I.W. Broder
 Tom Nash
 et al. of Bryol. + Lichen. Group

121 Narragansett Bay, at Captain Freebody Street, South of Narragansett Pier, Washington County, Rhode Island. Washed onto beach. Temp. = 2°C

Thursday 24 Dec. 1970

121-... Algae in A.O. Tucker's Herbarium + Chrysler Herbarium (Rutgers U.)

123 Narragansett Bay, at Colonel John Gardner Road, Bonnet Shores, North of Narragansett Pier, Washington Co., R.I. Washed on shore.

Temp. = 2 1/2°C

Friday Dec. 25, 1970

123-... Series in A.O. Tucker's Herbarium and Chrysler Herbarium at Rutgers U.

124 Rutgers University, Dept. Botany Greenhouse.
Piscataway Twp., Middlesex Co., New Jersey

10 January 1971

- 124-1 *Impatiens SULTANII* Hooker f. — *Oxalis rubra* St. Hil.
124-2, 124-7 - *Codiaeum variegatum* var. *PICTUM*
124-3
124-4 *PACHIRA INSIGNIS* 124-10 *BEGONIA MACULATA*
124-5 *SPATHIPHYLLUM PATINII* N.E. Br. 124-11 *Begonia heracleifolia* Chang
124-6 *CHORISIA SPECIOSA* 124-12 *MYRTUS COMMUNIS* microphylla
124-8 *FITTONIA VERSCHAFFETII* 124-13 *EUPHOBIA TIRUCALLI*
124-9 *RAUWOLFIA VERTICILLATA* 124-14 *BRACHYCHITON populneum?*
124-15 *CASUARINA EQUISETIANA*
124-16 *BERRYA CORDIFOLIA*

125- at edge of Tutentown-Zion Road, 1.5 miles east of
Jct with Pen Oak Road. Milltown, Montgomery Twp.,
Somerset County, New Jersey.

Saturday 8 Aug. 1970

- 125-1 *Gnaphalium* sp.
125-2 *Phyllanthus heterophyllus*
125-3 *Polystichum* sp.
125-4 *Aster* sp. var. *aphyllus* (?)

(~~See #20~~)
(See #22?)

126 - On bank of Pettaquamscutt River, at end of
Indian Trail, Narragansett, Washington Co., R.I.

Sat. 10 April 1971

- 126-1 *Kalmia angustifolia* in fruit, ✓
124-17 *BRACHYCHITON populneum?* 124-21 *Bombax ceiba*
124-18 *Polocarpus macrophylla* 124-22 *ARAUCARIA CUNNINGHAMII*
124-19 *SOLANDRA GUTTATA* 124-23 *ARAUCARIA BIDWELLII*
124-20 *ANTHURIUM?*

#127 In a depression with other trees of same species, on
Bow Run Rd. off Indian Trail. Nonogansett, Washington Co,
Rhode Island. 30-40ft. tall trees
127-1 *Pinus resinosa* 10 April 1971

#128 Formerly cultivated in Kelgrant Boy Scout Reservation,
off Rt. 1A, Saunterstown, Washington Co, Rhode Island.
10 April 1971
#128-1 *Picea glauca* 10-15ft. trees

#129 Along Buell Brook, Kilmer Woods, near Bunkers, near
Livingston College, Rutgers Univ.
Piscataway Twp., Middlesex Co, N.J.
129-1 *Erythronium americanum* 17 April 1971
129-2 *Podophyllum peltatum*

#130 along Road (at Livingston College) in Kilmer Woods.
Rutgers Univ. Piscataway Twp. N.J.
17 April 1971
130-1 *Acer Rubrum*

#131 The Horticulture display Gardens of Rutgers University
Rt. 1 and Ryders Lane, New Brunswick, New Jersey

Thursday 22 April 1971

- | | | | |
|--------|---------------------------------|--------|--|
| 131-1 | <i>Pieris japonica</i> | 131-11 | <i>Spiraea thunbergii</i> |
| 131-2 | <i>Rhododendron reticulatum</i> | 131-12 | <i>Taxus media</i> 'Hickii' |
| 131-3 | <i>Lindera benzoin</i> | 131-13 | <i>Taxus cuspidata</i> |
| 131-4 | <i>Rhododendron Kosteii</i> | 131-14 | <i>Pinus strobus fastigiata</i> |
| 131-5 | <i>Corylopsis spicata</i> | 131-15 | <i>Pinus thunbergii</i> |
| 131-6 | <i>Forsythia viridissima</i> | 131-16 | <i>Pinus sylvestris</i> |
| 131-7 | <i>Hamamelis parvifolia</i> | 131-17 | <i>Chamaecyparis pisifera</i>
<i>plumosa aurora</i> |
| 131-8 | <i>Cornus mas</i> | 131-18 | <i>Chamaecyparis obtusa compacta</i> |
| 131-9 | <i>Magnolia kobus borealis</i> | 131-19 | <i>Larix decidua</i> |
| 131-10 | <i>Spiraea arcata</i> | 131-20 | <i>Betula virginiana</i> |
| | | 131-21 | <i>Betula davurica</i> |
| | | 131-22 | <i>Betula mandshurica</i> |
| | | 131-23 | <i>Lonicera fragra. hirsuta</i> |

#132 Rutgers University Botany Greenhouse
University Heights, (Rutgers), Piscataway, N.J.

27 April 1971

- | | | | |
|-------|--------------------------------------|-------|-------------------------------|
| 132-1 | <i>Clerodendrum thomsoniae</i> Salp. | 132-6 | <i>Ruellia ciliosa</i> Pursh. |
| 132-2 | <i>Scaevola verticillata</i> | 132-7 | <i>Episcia cupreata</i> HBK. |
| 132-3 | <i>Hibiscus rosa-sinensis</i> L. (2) | 132-8 | <i>Rhoeo discolor</i> Hance |
| 132-4 | <i>Fuchsia hybrida</i> Voss | 132-9 | <i>Tacca chantrieri</i> |
| 132-5 | <i>Jacobinia obtusior</i> Bailey | | |

#133 front lawn of Nelson Biological Laboratories, University Heights (Rutgers),
Piscataway, Middlesex Co, New Jersey 29 April 1971.

133-1 *Juncus effusus*

133-2 *Barbarea vulgaris*

133-3 *Artemisia*

Cruciferae yellow

Cruciferae - wt.

} common
weeds in
lawn

#134 at front of Douglas Coop store, Douglass College,
Nichol Ave. New Brunswick, New Jersey

8 Feb. 1971

134-1 *Pseudotsuga menziesii* (Mill.) Franco.
cultivated

#135 in cultivation at NE corner of Lipman Drive and
Greenhouse Lane, near Blake Hall,
College of Ag. & Environ. Sci., Rutgers Univ.
New Brunswick, Middlesex Co, New Jersey

8 Feb 1971

#135-1 *Pinus sylvestris* L.

#136 cultivated, at corner of Brett Road near
Physics accelerator.

Rutgers Univ., University Heights, Piscataway,
Middlesex Co, New Jersey

30 Jan., 1971

#136-1 *Pinus nigra* Arnold

#137 in oak woods near - Math - Statistics Bldg + College
of Engineering Bldg. on Frelinghuysen Rd., Rutgers Univ.
New Brunswick, New Jersey. (Univ. Heights.)

2 May 1971

137-1 *Claytonia virginica*

137-2 *Amelanchier canadensis*

#138 Kilmer Woods, near Livingston College.
Rutgers University, Piscataway, Middlesex Co., N.J.
Tues. 4 May 1971.

138-1 *Dentaria laciniata* Mill. along Suell Brook

138-2 *Acer rubrum* L. on roadside

138-3 *Cornus florida* L. on road side.

138-4 *Setula populifolia* ^{Worsh} on road side of woods near Livingston College

138-5 *Fragaria virginiana* ^{Duchesne} on dry bank near ditch, edge of field.

#139 in Woods next to Davidson Hall, Davidson Road, Univ. Heights,
Rutgers University, Piscataway Twp., Middlesex Co., N.J.

7 May 1971

139-1 *Bromus tectorum* several plants at edge of woods

139-2 *Acer rubrum* several plants at edge of woods

139-3 *Claytonia virginica* extremely common in woods

147- on flood plain, slope of river, north of
Dean Rhode Hall Rd., on Rt. 130
South Brunswick Twp., Middlesex County, N.J.

29 May 1971

147-1 *Croceina triphyllum* v. *triphyllum*

147-2 *Maianthemum canadense*

147-3 *Smilacina racemosa*

147-4 *Desmodium cinnamomea*

148- at edge of road and farmer's field.
on Skilling's Rd. at So. Middlebush Rd.
2 miles south of Middlebush, Somerset Co., N.J.

29 May 1971

148-1 *Euphorbia esula* L.

149- In woods along stream bed.
Davidson Rd. at Metlars Lane, Piscataway Twp.,
Middlesex County, New Jersey

149-1 *Croceina triphyllum* v. *triphyllum*

26 May 1971

150 - On New Road, 1/2 mile west of Rt. 1
 Kendall Park, Middlesex Co., New Jersey. 6 June, 1971
 on north side of road, at edge of cleared area, sandy.

- | | | | | | |
|-----|---|---|------------------|--------|----------------|
| 150 | 1 | <i>Robinia pseudo-acacia</i> L. | 3 (8" DBH) trees | (Leg.) | |
| 150 | 2 | <i>Melilotus officinalis</i> (L.) Desr. | 3 ft. tall clump | (Leg.) | |
| 150 | 3 | <i>Bromus tectorum</i> L. | (Grain.) | | } on Sand Pile |
| 150 | 4 | <i>Rosa multiflora</i> Thunb. | (Rosa) | | |
| 150 | 5 | <i>Solanum dulcamara</i> L. | (Solan.) | | |
| 150 | 6 | <i>Linaria canadensis</i> (L.) Dum. | (Scroph.) | | |
| 150 | 7 | <i>Sitene cucubatus</i> Wibel.
<i>Lychnis alba</i> | (Caryophyll.) | | |

151 - on New Road, at NW corner of Rt. 1,
 cleared swampy area.
 Kendall Park, Middlesex Co., New Jersey 6 June 1971

- | | | | |
|-----|---|--|--|
| 151 | 1 | <i>Osmunda cinnamomea</i> L. | |
| 151 | 2 | <i>Osmunda pycnospora</i> L. | |
| 151 | 3 | <i>Denstaehtia punctatolobula</i> (Michx.) Moore | |
| 151 | 4 | <i>Medeola virginiana</i> L. | |
| 151 | 5 | <i>Viburnum acerifolium</i> L. | |

152- along bank at railroad tracks on
Curtis Corner Road.

Peace Dale, Washington Co, RI

20 May 1971

152-1 *Comunda claytonia* L.

152-2 *Equisetum arvense* L.

153 in old field in Kilmer Woods, Rutgers Univ.
Piscataway Twp, Middlesex Co, N.J.

13 May 1971

153-1 *Myrica pa. Lorei*.

153-2

154. along ridge near Suell Brook in Kilmer
woods, Rutgers Univ.

Piscataway Twp, Middlesex Co., New Jersey

15 May 1971

154-1 *Serberia Humbertii* DC

155 along Suell Brook in Kilmer Woods, Rutgers U.
Piscataway Twp, Middlesex Co, New Jersey, 15 May

155-1 *Alliaria officinalis* Andr.

155-2 *Euphorbia hirsuta* L.

155-3 *Verbenum pringolium*

156- on disturbed soil on edge of Wyndowest Rd.
at Old Boston Neck Rd. (off Rt. 1A)

Newagenett, Washington Co, R.I. 20 May 1971

156-1 *Barbarea vulgaris* R. Br.

157- along swamp at edge of Curtis Corner Rd near
Rt. 108.

Pace Dale, Washington Co., R.I. 20 May 1971

157-1 *Acer rubrum* L. angfruit

158 at edge of trail in Kilmer Woods, Rutgers Univ.
Piscataway Twp., New Brunswick, New Jersey

15 May 1971

158-1 *Cornus florida* L.

159 East bank of East Middle Brook at Silbudd Road,
North of "Chimney Rock", Somerset County, New Jersey

159-1 *Geranium maculatum* L. (Geraniaceae) 7 June, 1971

159-2 *Lycopodium americanum*? Mill. (Liliaceae)

159-3 *Myosotis scirpoides* L. (forget me not) ^{Boragin.}

159-4 *Ornithoglossum umbellatum* L. (Liliaceae)

159-5 *Sisymbrium album* (?) (Cruciferae)

159-6 *Equisetum arvense* L. (Equisetaceae)

159-7 *Thymus* (L.) Nutt. (Umbell)

160 . . . at edge of Route 70 , in Pine plants,
appr. 2 miles ~~southwest~~ ^{North, West of} Jct. with Rt 539.
Cedar Bridge, Ocean County, New Jersey

160-1. *Xerophyllum asphodeloides* (L.) Nutt.

160-2. *Lyonia mariana* (L.) D. Don

161- along Road, at edge of field, Kilmer Woods.
Rutgers Univ., Piscataway Twp., Middlesex Co., N.J.

16 June 1971

161-1 *Echium vulgatum* (Boraginaceae)

162- along damp ditch at edge of Road.
Black Point Road, 1/5 mile south of Woodfern Road.
Neeshanic Station Somerset Co., N.J.

19 June 1971

162-1 *Aerodermis maximiliana*?

162-2 *Polygonatum commutatum*

163 along banks of dry (damp) stream junction into
The south side of Mechanic River at
Black Point Road, Mechanic Station, Somerset Co., N.J.
19 June 1971

- 163-1 *Pryopteris*
163-2 *Athyrium filix-femina trichanperii*
163-3 *Equisetum arvense*
163-4 *Polystichum acrostichoides*
163-5 *Oxoclea pensilvanica*

164 in deep woods off Linvale Rd.
2 mi. from Rt. 31, Linvale, Hunterdon Co., N.J.
19 June 1971

- 164-1 *Podophyllum peltatum* in fruit

165 on steep, dry road bank on rd to Woodville Rd,
3/4 mi. SE of Linvale (Rt 31), Hunterdon Co., N.J.
19 June 1971

- 165-1 *Pentstemon digitalis* - abundant on road banks

166

at the foot of Delaware Avenue,
(near Delaware River), Fieldboro,
Surlington County, New Jersey

20 June 1971

Along the Railroad tracks

166-1 *Amorpha fruticosa* L. ^{Legumin} (false Indigo bush)
3-7 ft. tall, common

Along road parallel to tracks

166-2 *Asteriscus maximus* - ^{in fruit} common 20-30 plants

166-3 *Alliaria officinalis* ^{in fruit}

166-4 *Grass tetraon* L. ^{in fruit, drying out}

166-5 *Achillea millefolium* ^{in flower}

166-6 *Rubus phoenicolasia* Maxim - ^{not common}
^{young plants.}

also growing in area *Morus rubra* & *Morus alba* (^{in fruit}
^{ripe})

Rhus radicans, *Rhus* sp., *Eugenia* sp.,

167

along edge of road behind College of Engineering
Rutgers Univ., Piscataway Twp., Middlesex Co., New Jersey

14 June 1971

167-1 *Cornus racemosa*

167-2 *Tragopogon*

167-3 *Vicia cracca*

#168 at the end of Capt. Freebody Rd, Along Narragansett
Bay. Narragansett, Washington Co, R.I.

12 June 1971

168-1 *Ranunculus*

168-2 *Equisetum arvense* L.

#169 on beach of Narragansett Bay, at end of So Ferry Rd.
Narragansett, R.I.

12 June, 1971

169-1 *Lathyrus japonicus*

170-^(#169) common
on Beach of Narragansett Bay, at end of
So. Ferry Rd, Narragansett, Washington Co, RI
12 June 1971

170-1 *Lathyrus japonicus*

171^(#168) at the end of Capt. Freebody St., along Narragansett
Bay, Narragansett, Washington Co, RI
(north of Pt. Judith)
12 June 1971

171-1 *Ranunculus*

171-2 *Equisetum arvense* L.

172- along edge of road to Pettaquamscutt Rock,
near Mitchell Rd. (8 plants)
So. Kingstown, Washington Co., RI
13 June 1971

172-1 *Heracleum maximum*

173-1 along edge of pond at Pt. Judith Coast Guard
Station, Pt. Judith, Washington Co, RI
12 June 1971

173-1 *Equisetum arvense* L.

174 Ministerial Road. 2 mi. S. of RR Tracks. formerly cultivated
 Kingston, Washington Co, RI

174-1 *Leucochoe racemosa editorum* Fern. & Schub 12 June 1971

175 At the southern shore of Worden Pond
 near boat launch on Worden Pond Road,
 Suckertown, Washington County, Rhode Island. 25 July, 1971

floating plants

175-1 *Nymphaea odorata* ²⁶⁵ Aiton var. *odorata* fl. Nymphaeaceae

erect aquatic plants

175-2 *Portulaca cordata* L. ¹⁷² *fama cordata* fl. fr. Portulacaceae

175-3 *Juncus mitis* ? ¹⁷³ fl. fr. Juncaceae

plants in *Juncus* mud areas closer to shore

175-4 *Hydrocotyl umbellata* (L.) ⁴¹⁶ rhizome in mud Umbellif. st.

175-5 *Sparganium angustifolium* Michx. ⁴⁸² mud rhizome in mud. Scrophulariaceae fl.

175-6 *Sagittaria graminea* Michx. ⁵¹ fl. Alismataceae

175-7 *Ceratophyllum demersum* (L.) ⁴¹⁸ on stem fl. Umbelliferae

175-8 ? rhizome in mud. st.

176 Kelgrant Boy Scout Reservation,
 townline of Narragansett and No. Kingstown
 (Saunderstown, Washington Co, R.I.)

along flood plain of stream

34

Woodwardia

25 July 1971

areolata (L.) Moore

fr + st.

Blyford.

176-1 *Lorinseria areolata*

in dry Oak-Beech Woods

176-2 *Maianthemum Canadense* Pers. fr

185

Liliaceae

176-3 *Smilacina racemosa* (L.) Desf. fr.

185

Liliaceae

176-4 *Chimaphila maculata* (L.) Pursh fl

4:4

Ericaceae

176-5 *Cypripedium acaule* Aiton. fr

192

Orchidaceae

176-6 *Lycopodium complanatum* L. fr

17

Lycopodiaceae

along road in woods

176-7 *Melampyrum lineare* Desf. fl.

488

Scroph.

176-8 *Lysimachia quadrifolia* L. fr.

436

Primulaceae

176-9 *Rumex acetosella* L. fr.

234

Polygonaceae

176-10 *Prænitaria borealis* Raf. fr.

438

Primulaceae

176-11

177 on west edge of major body of Wessquage Pond,
 at road edge. (tidal ponds) Bonnet Point Road,
 Bonnet Shore, Narragansett, Washington Co., R.I.

26 July 1971

In shallow water edge

- 177-1 ~~Najas flexilis (Willd.) Rostk & Schmidt~~ ^{Kuypers} ^{maritima} ^{A. B. S. Magnus} ^{N. gracillima}
 177-2 Potamogeton perfoliatus L. or P. Richardsonii (Gemm.) Rydberg.

In Typha at edge of Pond

- 177-3 Asclepias purpureus L. (Asclep.) fl.

On road edge

- 177-4 Linaria vulgaris ⁴ canadensis (L.) Dumort. (Scroph.) fl.
 177-5 Plantago major L. fl.
 177-6 Cephalanthus occidentalis L. (Rubiaceae) fl.
 177-7 Sambucus canadensis L. (Caprif.) fl.
 177-8 Apis americana Medicus (Legum.) fl.
 177-9 Lychnis coronaria (L.) Desf. ²⁵⁷ (Caryophyll.) fl.
 177-10 Verbena hastata v. hastata L. (Verbenaceae) fl.
 177-11 Rumex acetosella L. (Polygonaceae) fl.
 177-12 Scleranthus ^(Perennis L.) (annuus) L. ^{perennis} (Caryophyll.) fl.
 177-13 - ? white fl. - tony plant.

At edge of pond

- 177-14 Lycopodium americanum Michx. Lobrate
 177-15 Boehmeria cylindrica (L.) Sw

179 On beach of Narragansett Bay, at the end of
South Ferry Road, Univ RI Oceanography Institute
Narragansett, Washington Co, RI

26 July 1971

179-1 in rocks above waterline

Callile edentula (Bigel) Hook (fr-fl) *Compositae*

179-2 *Salsola Kali* L. (st, to fr) *Caryophyllaceae*

along road in sand

179-3 *Trifolium arvense* L. (fl.) *Leguminosae*

180 Sand
on bay edge of land, above shore at
Edd of Capt. Freebody Rd

Narragansett Bay, north of Point Judith,
Washington Co, R.I.

27 July 1971

few plants at edge of grassy area

180-1 *Callile edentula* (Bigel) Hook (fr) *Compositae*

180-2 *Anagallis arvensis* f. *arvensis* L. (fl-fr) *Primulaceae*
few, scattered plants, nested in between rocks.

181- along edge of Fairview Road, off
Bonnet Shores Road.

Bonnet Shores Fire District, Narragansett,
Washington County, Rhode Island

3 AUGUST, 1971

181-1 *Onoclea sensibilis* var. *sensibilis*

181-2 *Onoclea sensibilis* var. *obtusilobata*

var. *obtusilobata* apparently due to
plants being cut down earlier in season

181- In ^{among} rocks along Bayside 19 August, 1971
of Col. John Gardner Road. at King Philip Road.
Bonnet Shores Fire Dist. NARRAGANSETT, RI

181-B succulent.

~~181-5 - succulent type~~

in weeds + *Rosa multiflora* along edge of
Col. John Gardner Rd. - near Bonnet Shores Road.
Bonnet Shores Fire Dist., NARRAGANSETT, RI

20 AUG-1971

181-4. ~~Mikania~~ *Cynanchum nigrum* L. fr.

182 In swampy area on SW corner of lot.

Indian Trail and Boston Neck Rd (Rt 1A)

Narragansett, Washington County, Rhode Island

- | | | | |
|--------|---|---------------------------|----------------|
| 182-1 | <i>Woodwardia virginica</i> (L.) Sm | fr. + st. | 19 Aug. 1971 |
| 182-2 | <i>Sparganium americanum</i> Nutt. | fl. + fr. | Sparganiaceae |
| 182-3 | <i>Impatiens Capensis</i> Meerb. | fl. + fr. | Balsaminaceae |
| 182-4 | <i>Arisaema triphyllum</i> (L.) Schott | fr. | Araceae |
| 182-5 | <i>Oenothera sensibilis</i> L. | fl. + fr. | |
| 182-6 | <i>Clethra alnifolia</i> L. | fl. + fr. of previous yr. | Clethraceae |
| 182-7 | <i>Rhexia virginica</i> L. | fl. + fr. | Melastomaceae |
| 182-8 | <i>Rhus glabra</i> L. | fr. | Anacardiaceae |
| 182-9 | | fl. blue | Labiatae |
| 182-10 | <i>Sambucus canadensis</i> L. | fr. | Caprifoliaceae |
| 182-11 | <i>Athyrium filixfemina</i> v. <i>Nicholsonii</i> forma <i>pubellum</i> (Gilbert) Fernald | | Fernaceae |
| 182-12 | <i>Eupatorium perfoliatum</i> L. | fl. + root | Compositae |
| 182-13 | <i>Hypericum virginicum</i> L. | fl. + fr. | Guttiferae |
| 182-14 | <i>Eupatorium pilosum</i> Walter | fl. | Compositae |
| 182-15 | <i>Spiraea tomentosa</i> L. | fl. + fr. | Rosaceae |
| 182-16 | <i>Lycopus virginicus</i> L. | fl. + fr. | Labiatae |
| 182-17 | <i>Thelypteris palustris</i> v. <i>pubescens</i> (Lamour.) Fernald | | Fernaceae |
| 182-18 | ? | | |
| 182-19 | <i>Phytolacca americana</i> | fl. + fr. | |

Conifer - Rhododendron woods & nearby locations
 Meckesville, Carbon County, Pennsylvania

7 July 1971

Jucker & Janone

- 1 *Aralia hispida* fl-fr.
- 2 *Lygodium palmatum* fl-fr
- 3 *Drosera rotundifolia* bud.
- 4 *Veronica officinalis* fr.
- 5 *Lycopodium clavatum* fr
- 6 *Lycopodium obscurum* fr.
- 7 *Mitchella repens* fl
- 8 *Houstonia caerulea* fr
- 9 *Lygodium annotinum* st.
- 10 *Lycopodium complanatum* st.
- 11 *Rhododendron maximum* fl.
- 12 *Sambucus canadensis* fl
- 13 *Lycopodium lucidulum* st
- 14 *Linaria vulgaris* fl
- 15 *Viburnum prunifolium* fr
- 16 *Ilex verticillata* fl
- 17 *Maianthemum canadense* fr
- 18 *Rhododendron viscosum* fl
- 19 *Osmunda cinnamomea* sporling (5")

184-

In weeds at the Farm Bureau
Tatamy, North Hampton County, Pennsylvania

8 July, 1971

Judson & Zanoni

-1 Nepeta cataria

-2 Thistle - ?

-3 - ?

185-

Copper Mine Farm

Copper Mine Rd., Griggstown, Middlesex Co., New Jersey

21 July, 1971

-1 Paulownia tomentosa in fr. Scriph.

-2 Sassafras albidum in fr. (molly) destroyed

186

186-1 Dryopt. Spinulosa

13 AUG. 1971

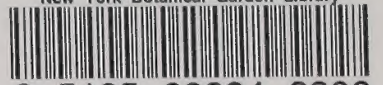
186-2 Dennetaedia punctilobula (Fernal) (Michx.) Moore

186-3 " (narrowford)

187-1 climbing on *Viburnum dentatum* in ditch at side of road
South of Rt. 138, Jamestown, Conanicut Island, Newport Co, RI
Mikania scandens (L) Willd. Compositae

25 Aug 1971

New York Botanical Garden Library



3 5185 00334 8206

