Book No 5

H. A. ALLARD

Field
Collection

Numbers

6104-7447

5 Allard Field Notes 6104-7447

To south end of Shurt Mt., Va., Massanutten,
Shenandoah Co., with Dr. Bruno Klinger,
April 16, 1939. Cold, rain, clouds all day.

See letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses re ident. by J. R. Smallen & Mrs. T. C.
reintramb. Compositae by Dr. S. F. Blake;
sedges & rushes by Dr. T. J. Hermann,
Cladonia by Prof. A. W. Evans, of
Yale Univ. Ferns by Dr. Maxon,
Remainder by Dr. Leonard.

Mt. Traveler, Magee, The Fowler
Ponds = T5 R9
Mt = T3 R9
Lake Mataganon at camp = T6 R8,
Patten = T4 Range 6
Horse Mt = T6 R8.

In event of death turn this

Allard, H. A. Md., Me., Va., W. Va. 1939.

Book 5.

Field Notes nos. 6104 - 7447.

April 30, 1939. To Bull Run Mt.
High Point cliffs with D. (Bull Run Mt.)
rain at 5 P.M. Three Top Mt., Va
May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.
May 10, 1939. To ledges on ridge ^{nest} ridge
west of Big Schloss - Devils Hole Mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.
May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pugh's Run, stopping at farm
of Mr. Bruner ^{B-2-B-1} walking to Sager's
place (dilapidated) - home of the slides
to top of ridge.

Manufactured by
U. S. Government Printing Office

To south end of Shurt Mt., Va., Massanutten,
Shenandoah Co. with Dr. Bruno Klinger,
April 16, 1939.

See letter of March 29, 1939 from
Dr. William R. Maxon, Curator,
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Cladonia by Prof. A. W. Evans, of
Yale Univ. Ferns by Dr. Maxon,
Remainder by Mr. Leonard.

Mt. Traveler, Magee, The Fowler
Ponds = T 5 R 9
Mt = T 3 R 9
Lake Mataganon at camp = T 6 R 8,
Patten = T 4 Range 6
Horse Mt = T 6 R 8.

In event of death turn this
book over to Mr. E. C. Leonard
of the U.S. National Herbarium.
H. A. Allard

April 30, 1939. To Bull Run Mt.
High Point cliffs with D. (Bull Run Mt.)
Train at 5 P.M.
May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.
May 10, 1939. To ledges ^{nest} ridge ^{drift}
west of Big Schloss - Devils Hole Mt.,
ridge, in Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.
May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pugh's Run, stopping at farm
of Mr. Bruner ^{B-2-B-1} ^{Manufactured by} ^{U.S. Government Printing Office} walking to Sager's
place (dilapidated) ^{home of the slides}
to top of ridge.

To son
Shen
April

see letter of March 29, 1939 from
Dr William R. Maxon, Curator,
Division of Plants, U.S. Nat. Museum,
relative to plants of mine 2672 - 4380.
Grasses rec ident. by J. R. Smallen & Mrs T.C.
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Yale Univ. Ferns by Dr. Maxon,
Remainder by Mr. Leonard.

Mt. Traveller, Magee, The Fowler
Ponds = T 5 R 9
Mt = T 3 R 9
Lake Mataganom at camp = T 6 R 8,
Patten = T 4 Range 6
Horse Mt = T 6 R 8,

April 16, 1939. To south end of Short Mt.,
Massanutten, Shenandoah Co., with
Bruno Klinger. Alt. 2700 ft.
April 23, 1939. To Devils Hole Mt. ridge
in Alleghenies west of Edinburgh, with
Bruno Klinger, following ridge N.
to Big Schloss, a rocky pinnacle
3000 ft.

April 30, 1939. To west slope below
High Point cliffs with D. (Ball Run Mt.)
Train at 5 P.M.
May 7, 1939. To Three Top Mt., Va
Massanutten Range, N.W. of
Woodstock, Va. with T. clear, hot.
May 10, 1939. To ledges on ridge ^{west} of
Devils Hole Mt.,
west of Big Schloss - Hardy Co., West Va.
Clear, bright, cool day. (with Bruno
Klinger.)

May 14, 1939. To Pond Mt. with T. cool, cloudy.
May 21, 1939 To area N. of Belts and toward
Landmark with T., covering much of area.
Hills here (wooded) 1000 ft.

May 24, 1939 To great rock slides on
Three Top Mt., Massanutten, at east
end of Pugh's Run, stopping at farm
of Mr. Bruner here, walking to Sager's
place (dilapidated) - home of the slides
to top of ridge.

B-2-B-1
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To s
shen
apri

May 28, 1939. To Hoperell Gaf and
High Point with T.

May 30, 1939. To Hoperell Gaf and
area from High Knob to Landmark with T.

May 21, 1939. To Hoperell Gaf and
area west of High Knob to Landmark, with T.

June 2, 1939. To Rattlesnake Mt.
Transpner Co. (alt. 2100 ft) with Gurney.
Lost our bearings in fog and heavy rains
all the afternoon.

June 4, 1939. To Bull Run Mt., Va.,
crossing west slope, 5 miles south
of Aldie with B. Cool. Beautiful, cloudy
much of time. Found *Aquilegia*
canadensis with seed capsules on
catactin schist cliffs west of ridges; many
- fossil found for the area; meadow.

Have never found *Lolium* nor *Holcus*
in the Bull Run area proper

June 22, 1939. To Sugar Knob region
Hardy Co., west Va., with A. B. Gurney

June 25, 1939. To Sugar Knob with
Mr. & Mrs. Bruno Klinger, - 5 miles
from Trout Run to Sugar Knob shelter.
a walk of 11 miles taken.

see *Sphenopholis filiformis* (Chapman)
Scribn.

Near D. Va.
Thru N.C. south) #6650.

Mass.
In damp soil covering Arlington Farm, Va.
in flower pots in coal house - 50-55° F. H.A. Allard.
January 31, 1939
6104 Mosses very abundant in
soils in flower pots in this
greenhouse.

6105 Moss

|| In flower pots with # 6104

ditto

6106 Moss.

|| In moist soil in pots
in same greenhouse with # 6104
surface soil beautifully green with mosses.

ditto

6107 Moss.

|| In flower pots in moist
soil same house with
6104. The most pleasing result,
beautiful and abundant species.

ditto

6108

Moss

|| In flower pots same
house with # 6104

ditto

6109 Moss

|| In flower pots same
house with # 6104

ditto

6110 Moss

|| In moist soil in flower pots
in same house with # 6104.

ditto

Rock Lichens (several)
From rocks
on High Point cliffs
and boulders below
on west slope.
Bull Run Mt., Va
Fauquier Co
Feb. 5, 1939
H.A. Allard.

6111
6112 Rock lichens (several)
ditto
with # 6111

6113 Rock lichens (several)
ditto
with # 6111

6114 Rock lichens (several)
ditto
with # 6111

6115 Rock lichens (two)
ditto
One thin, brown hardiment-like
One thicker, gray, like *Gyrophora*
size of dime or smaller. On damp vertical
rock faces with # 6111

6116 Bark lichens
ditto
(one yellow)
on cedar etc in fields and woods
west slope below High Point just S. of Hagerell
Caf.

6117 a moss
ditto
conflicting with a
lichen (*Parmelia*) gray, and being
overgrown by the lichen. On a
rock below High Point, west slope.
= *Hepatic Truellaria grayana* Mont
6117a = *Parmelia arulenta* Tuck.

Cladonia (red apothecia)
On base of Andropogon
scaevola stem etc
6118 in old field near
Pinus pungens, forma globosa
west slope, below High Point.
= *C. cristatella f. vestita* Tuck.
6118a = *C. f. leucosticta* (Del.) Tuck.

6119 *Pinus rigida* var. *globosa*
ditto.
From tree in old field S. of
Hagerell Caf, above - see # 5688 etc.
see photos etc.

6120 *Pinus echinata*
ditto
The fine isolated pine in old
field S. of Hagerell Caf. - near # 6119.
Microscopic exam. of sections shows
it to be this also - ie bundles touching;
oil glands 4-5

6121 Moss
ditto
Polystichum
On bank - in pure *Storax*
in same place east of *Pinus globosa*
near woods of High Point slope begin
6122 west slope below High Point. Large dead
cult. forms of cherry here

6123 Moss
ditto
3 species
On decayed log in woods west
slope below High Point

6124 Moss
ditto
On bark of one of big Cedar
trees just NW of ravine made by
spring break from below Riley's
old cabin, S. of Hagerell Caf.
(where yellow violets grow)

6124 Moss
ditto
On large red cedar tree
on bank 6-8 ft from ground
with # 6123 - or nearby trees
in same field.

Moss.
On bark of very large old
red cedar tree in old field
just N. of raine where
6125 *Pileus* ~~shrub~~
blooms down (yellow violets here)
(Many old cedar trees here).

Bull Run Mt., Va
Feb. 5, 1939
Fauquier Co
H.A. Allard.

6126 Moss on bark of tree
" in woods just below High Point, west of field.

ditto

6127 Moss ^{large} on flat rock in
same woods near # 6126
a. pure colony over much of rock.
(Soil pure organic matter)

ditto

6128 Moss.
" On bark of log below
High Point near # 6126

ditto

6129 Moss.
" On tree trunk
near # 6126

ditto

6130 Moss.
" On tree bark & rock near # 6126

ditto

6131 Mosses
" On red soil of raine bank
west slope below High Point
with # 6121. Raine just on edge
of High Point woods S. of ^{white} *Pinus glabra*
field.

ditto

Moss *Polytrichum*
on moist soil
6132 of raine bank with
" # 6121. Pure colonies.

Bull Run Mt., Va
Feb. 5, 1939
Fauquier Co
H.A. Allard.

6133 Moss
" On rock forming pure colony
in woods west slope below High Point.
Dark green, dense.
(soil pure organic matter)

ditto

6134 Moss
" In pure colony on large
limestone boulders in woods
near # 6133.
(Soil dark brown, pure, no grit
when dried)

ditto

6135 Moss.
" On large rock, forming mats
on brownish pure organic soil.
No grit when dried.
Near # 6133

ditto

6136 Mosses
" In pure, extensive colonies
on large boulders just S. of High Point,
west slope in woods. Two here
in competition - one like a
Polytrichum - dark green.

ditto

6137 *Hepaticae*
" On flat rocks on organic soil
at High Point, at foot of cliffs
west slope. *Fissidens* extensive pure
colonies here

ditto

6138 Moss - dark green.
" On bark of big cedar tree
near # 6125 - same field.

ditto

Mass.

On bark of old cedar
tree near # 6125.

Bull Run Mt., Va
February 5, 1939
Fauquier Co.,

- 6139 On north side - 6-8 ft. above ground - in large pine colonies. No lichens on these trees.

6140 Mass

- (1) On moist soil, bank of ravine below High Point, west slope just south of field where *Pinus rigida* *Globosa* occurs: beginning of woodland.

6141 Mass

- (1) A fine colony on rocks in woods west slope below High Point: deep green. on organic soil.

6142 Mass.

- (1) an extensive fine colony (fern like) on rock near # 6141.

6143 Mass

- (1) On soil in woods west slope below High Point.

6144 Mass

- (1) Lichen (*Peltigera*) growing over moss on soil in woods west slope below High Point. Mass etc. =

6145 Fruticose lichen

- (1) Small - 1 in high. on vertical cliffs walls at High Point: only occasional in Bull Run area on highest points

Coll. Feb 12, 1939
Ditto

Parmelia

The yellow-green
on rocks - the species common everywhere
on trees and rocks -

Bull Run Mt., Va
Fauquier Co.
Feb. 12, 1939
H.A. Allard

6146

- covering entire rocks sometimes - and competing with the lead grass and making large of similar form etc. on rocks in woods below High Point, west slope.

6147 *Parmelia*?

- (1) small about size 5 cent pieces. on north side of large living chestnut and east of High Point cliffs west slope. Spadish green, circular mass heavily

6148

- (1) Bsp of several rocks lichen from High Point cliffs and boulders in vicinity, on lower west slope.

6149

- (1) *Cladonia mitrula* f. *intricatula* (Vgl.) Wain. Red apothecia - some podetia very squamulose. From bare soil in forest barrens in old field south of *Pinus rigida* var. *glabrescens*

6150

- (1) Mass growing in fine colonies on low rocks heavily protruding from soil in woods below High Point - fern-like strands spreading outward yellowish green.

6151

- Cladonia squamosa* (Scop.) Hoffm. on organic soil in rocks at High Point, west slope.

6152

- all { Mass
comp. { red Hepaticae
(1) *Cladonia* - *C. chlorophaea* (Thaerke) Spreng. In organic soil at High Point cliffs, west slope

6152 A = *Truellania asagrayana* Morel.
6152 B = *C. coniocraea* f. *ceratodes* (Thaerke) Vain.

Lichen
on north side of huge
chestnut oak tree trunk
6153 (liming) at foot
High Point cliffs;
small, size of 5 cent piece or cent.
same as # 6147
Phyrcia adglutinata (Thooke) Nyl.
Bull Run Mt., Va
Feb. 12, 1939
H.G. Allard
Fauquier Co.

6154 Cladonia (2) = C. verticillata f. esculenta (Th. Fr.) Steiner
|| one with red apothecia, podetia very squamulose
one C. verticillata, with apothecia on edges of
discs. ~~Similar to~~ ~~first~~ ~~lunar~~ area
6154a: (2) with # 6149, ~~Pod. C. cristatella~~ f. vestita Trunk with discolored
6155 Lichen = Cladonia = pod. C. chlorophaea (Thooke) Steiner
|| on ~~deciduous~~ wood of
old tree trunk near slope
below High Point.
Small, thin, dark slate color.
and Callemma granosum

6156 Cladonia C. bacillaris (Ach.) Nyl. (P)
|| white, pointed podetia
on vertical cliff faces at
High Point cliffs. Can scarcely be
scraped off so tightly does it grow to the
rock.

6157 Moss
|| on dead log in woods, near slope
below High Point. ditto

6158 Moss
|| on trunk near # 6157, woods. ditto

6159 Moss
|| On dead wood near # 6157 ditto

Moss
on north side of Trunks of Bull Run Mt., Va
Fauquier Co.,
huge chestnut oak February 12, 1939
6160 at foot of High Point H.G. Allard.
|| cliffs. Covered it with pine growth,
especially in the grooves and 8-10 ft up.

6161 Hepatic with
|| lichen
on rocks at High Point cliffs, ditto
near slope.
Trullmania as a grayana Mont.

6162 Moss
|| On soil on rocks at High Point cliffs, ditto
near slope.
(a very fine moss): fine leafage.

6163 Moss
|| On dead log, near slope in woods ditto
below High Point

6164 Moss
|| On dead wood, woods, near slope ditto
below High Point cliffs.

6165 Moss
|| On dead log near # 6164 ditto

6166 Moss
|| On dead log near # 6164 ditto

Mass

6167 On dead log in woods
below High Point Cliffs
west slope.

Bull Run Mt., Va
Feb. 12, 1939
H.G. Allard
Fauquier Co.

6168 Moss in pine colonies, extensive, ditto
" on large fallen red oak tree, dead
at old house in forest zone at foot
of slope (west) below High Point Cliffs.

6169 Cladonia: C. tenuis (Therke) Harm.
(reindeer moss) ditto
" In patches on soil in thin open secondary
woods, E of old mansion at foot
of west slope below High Point Cliffs.

6170 Moss ditto
" In Castellia pasture at
stone crumbe, west slope, Hagerell Gap.
abundant in this stage of pasture
(bright, shining yellow green.)

6171 Moss ditto
" on bank in woods, west slope
below High Point Cliffs
very fine, bluish, yellowish green, raised.
-on organic soil.

6172 Moss ditto
" on bark of dead log in woods
west slope below High Point Cliffs

6173 Moss ditto
" On dead wood in woods
below High Point, west slope.

Reddish liverwort Bull Run Mt., Va
+ mosses at High Point Feb. 12, 1939
Cliffs on rocks. H.G. Allard
Fauquier Co.

6174 Liverwort on ditto
" Cliffs and tree trunks -
F. vellaria ssa-grayana Mont.
6174a = Jamesoniella autumnalis (D.C.) Steph.

6175 Moss ditto
" On dead wood, west slope in
woods, below High Point Cliffs.

6176 Moss ditto
" On dead wood near # 6175.

6177 Moss ditto
" on organic soil on rocks near # 6175

6178 Moss ditto
" On dead log in woods near # 6175
(color hoarse yellowish)

6179 Moss ditto
" On dead wood near # 6175

6180 Moss ditto
" On soil (thin, organic) on rocks
in woods below High Point Cliffs,
west slope.

Moss on trunk
north side, of large
chestnut oak tree
at High Point Cliffs,
VI with # 6160

Bull Run Mt., Va
Feb. 12, 1939
Fauquier Co.
H. G. Allard.

(entire north side covered with these two)

6182 Moss
" On bank in woods
below High Point Cliffs, near slope ditto

6183 Moss
" On thin organic soil on
rocks in woods near # 6182 ditto

6184 Moss.
" On bank, north side of same
chestnut oak tree with # 6160 & 6181
a pine colony here far up trunk. ditto

6185 Moss
" On dead wood in woods near slope ditto
below High Point Cliffs: color mossy.

6186 Moss
" On rock in pine stand,
near # 6185 ditto

6187 Moss
" On rock in woods near slope ditto
below High Point Cliffs.
(pine colony on thin organic soil)
Convallaria officinalis (L.) Dune.

Moss
on bank in woods
below High Point Cliffs,
VI near slope.

Bull Run Mt., Va
Feb. 12, 1939
H. G. Allard
Fauquier Co.

6189 Moss.
" On dead log in woods near ditto
VI # 6188

6190 Moss
" On dead log near # 6189 ditto

6191 Moss
" On rock on organic soil ditto
" in woods near # 6189.
Lifts off a thin soil layer.

6192 Moss
" A pine colony covering rock ditto
just above soil in woods near # 6191

6193 Moss
" On low rock in woods ditto
" near # 6191 - pine mat.
on very thin organic soil.

(fern-like)
6194 Moss
" On thin organic soil on rock ditto
in woods near # 6191
(mat, pine)

Mosses
on rock on thin
organic soil in woods
6195 near slope, below High
Point Cliffs.
" C.H.

Bull Run Mt., Va
Tangier Co
Feb. 12, 1939
H.A. Allard

6196 *Cladonia piedmontensis* f. *squamulosa* Robbins
(apothecia brown) same locality
" in old brown sedge field Date Feb. 18, 1939
near slope below High Point Cliffs
in thin woods near dense young pine
trees - moist and old brown sedge clump.
6196a = *C. subcariosa* f. *squamulosa* Robbins.

6197 *Cladonia subcariosa* f. *evoluta* Wain
" with # 6196 (more branched than usual) ditto
6197a = *C. cristatella* Turk. (apothecia discolored).

6198 *Cladonia piedmontensis* f. *squamulosa* Robbins
" (with # 6196) ditto
6198a = *C. grayi* Mer. plus *C. piedmontensis* Mer. both present
in mixture.

6199 *Cladonia piedmontensis* f. *squamulosa* Robbins
" (with # 6196) ditto
6199a = *C. subcariosa* f. *evoluta* Wain.

6200 *Cladonia verticillata* f. *evoluta* (H. & S.) Stein ditto
" at base of old brown sedge
clumps near # 6196 - on soil

6201 *Cladonia cristatella* f. *beauvoisii* Del. Wain ditto
(apothecia red) plus f. *vestita* Turk. (discolored
" with # 6196 apothecia)

Cladonia ? *squamulosa* Robbins Bull Run Mt., Va
C. piedmontensis f. *squamulosa* Robbins Feb. 18, 1939
" with # 6196 Tangier Co.
H.A. Allard
Feb. 19, 1939

6202

"

6203 *Cladonia* (cupae)
" *grayi* f. *simplex* Robbins ditto
" with # 6196.

6204 *Cladonia* (red apothecia) ditto
" *C. piedmontensis* Mer. in part, but not distinctive.
" on dead basal stalks of
dead brown sedge clumps in old
brown sedge field, being captured by
pines etc. in successional stage.

6205 *Cladonia cristatella* f. *vestita* Turk. ditto
" (apothecia red, very squamulose
some field with # 6196

6206 *Rub. lichens*
" small
" fungus rocks at old below High Point Cliffs, west slope. ditto

6207 Lichen
" on bark of living large
distinct oak tree, at base, at
foot of High Point Cliffs, west slope.
(gray)

6208 *Rub. of rock and bark*
" Lichens from and below
High Point Cliffs, west slope
in woods. ditto

Rock Lichens from Bull Run Mt., Va.
rocks ~~at~~ on rocks Feb. 19, 1939
on slope ^{at top} of High Point Cliffs. H.A. Allard
Tangmire Co.
next slope below
High Point Cliffs.

6210 Peltigera
(1) on rocks next slope in wet ditto
rocky, shallow ravine below
High Point Cliffs, where shrub cabbage grows:
competes w/ grass over mosses and is
in turn overgrown by them.

6211 Moss
(1) on dead rocks above # 6210, ditto
in deciduous woods,
(orange colored)

6212 Moss on soil (banks) in woods ditto
(1) near # 6211

6213 Hepatic (reddish brown color), moss ditto
(1) Trullania gra-grayana
on damp rocks at foot of High Point
Cliffs in woods, competing with big, gray lichens
(abundant).

6214 Moss
(1) Dark green, in pure colonies in ditto
extensive patches on large flat rock
in woods, next slope, near High Point Cliffs.
Abundant; on black organic soil: easily lifted.

6215 Grimmia
(1) On same rock with # 6214 - ditto
in pure, extensive colonies, easily lifted.
(dry looking)

Moss. Bull Run Mt., Va.
on soil in woods, next slope Tangmire Co.,
below High Point Cliffs Feb. 19, 1939
H.A. Allard.
6216
(1)

6217 Moss ditto
(1) on damp soil in rocky, shallow ravine
with # 6210

6218 Moss ditto
(1) on damp soil near # 6217

6219 Moss ditto
(1) On damp rocks in ravine
with # 6217

6220 Moss ditto
(1) On damp soil with # 6217
pure colonies.

6221 Moss ditto
(1) On rocks with # 6217.
pure colonies.

6222 Moss ditto
(1) On rocks with # 6217: in
extensive colonies.

^{Moss}
On rocks in damp rocky Bull Run Mt., Va
ravine below High Point Cliffs Feb. 19, 1939
near the Shunk Ledge H.A. Allard
6223 Pure colonies - Tanquer Co
" Bright green.

6224 Moss

" On soil in pine woods north of
6223; secondary growth 20-25 feet high.

ditto

6225 Cladonia (reindeer mosses)

" In same pine woods with # 6224;
extensive patches here.

ditto

6226 Moss

" On soil in woods, west
slope near # 6223

ditto

6227 Moss

" On rock, in pure colonies
near # 6223 (same ravine)

ditto

6228 Moss

" Yellowish green in large mats on
rocks near # 6223.
Thin organic soil beneath.

ditto

6229 Moss

" Huge mats easily lifted from rocks ditto
near # 6223.

Moss.

Large mats on rocks
in same ravine

6230

" with # 6223.
beautiful yellowish
green color; vivid.

Bull Run Mt., Va
Feb. 19, 1939
H.A. Allard
Tanquer Co.

Mosses

6231

One on dead log =
" one on rock =
Near # 6230

ditto

6232 Moss

" Col. colony of vigorous Peltigera
(lichen) growing over it: a struggle for
supremacy.
6232a = *Gnomodonta rostratus* (Hedw.) Schimp.
plus " *attenuatus* (Hedw.) Huebner.

ditto

6233 Moss

" (Bronze colored) on dead
wood near # 6230; covering large
patches.

ditto

6234 Hepatic.

" Bright green; on rocks, foot of
High Point Cliffs: extensive patches.

ditto

6235 Moss.

" Large mats pure on damp rocks
with # 6230: fern like, appressed.
yellowish green.

ditto

6236 Moss

" on rocks near # 6230 being
overgrown by Peltigera (lichen).
Both within organic soil.

ditto

Moss on rock
in rocky, damp, ravine
west slope below High Point
Bull Run Mt., Va.
Feb. 19, 1939
H.A. Allard
6237 Cliffs, where shrub catag.
H.A. Allard
Transmer Co.,
" moss.
Large areas - vivid silvery, shining green.
moss.

6238 Moss
" In large, loose mats on rocks ditto
near # 6237: color dull yellowish
green: fern like.

6239 Lichen
" Dark slate, parchment-like, thin ditto
on rocks near # 6237: with moss
(Lichen occasional) must be scraped off rock.

6240 Moss
" Extensive mats similar to # 6238 ditto
on rocks # 6238.

6241 Moss
" On low protruding rock in broad gorge ditto
where we ate lunch: Had to be scraped off with
knife, as adheres tightly to stones: off with
silky green color

6242 Lichen
" Peltigera. On rocks with ditto
6237 (nearby)

6243 Peltigera
" Overgrowing moss colony > # 6238 ditto
and being vigorously overgrown by it
On rocks near # 6238.
= Thuidium recognitum (Wedd.) Lindb.

Moss.
On rock in extensive
mats near # 6237
Bull Run Mt., Va.
Transmer Co.
Feb. 19, 1939
H.A. Allard.
west slope below High
Point Cliffs.

6244 Moss
" (fern like) ditto
On rock in ravine near # 6237

6245 Moss
" On moist soil on bank ditto
near # 6237

6246 Moss
" On bark of living tree at ditto
base, north side of woods
near # 6237. below High Point Cliffs.

6247 Moss
" on dead bark of huge ditto
tulip poplar tree near galled area
west slope below High Point Cliffs: small
like small olive-green Parmelia.
same date, Sept
date March 3, 1939.

6248 Lichen
" Bot of rock lichens ditto
From old field near galled (bare) area, west slope below High Point Cliffs.
on rocks picked up in Sassafras thicket.

6249 Moss
" In same place near # 6249 ditto
(Rock lichens)

Rock lichens
near slope below
High Point Cliffs
6251 m. s. One leaf
" in Sassafras thicket.
Bull Run Mt., Va
March 5, 1939
H.A. Allard
Fauquier Co.,
near slope
below High Point.

6252 *Cladonia verticillata* forma
In old field near bare area
" near slope, below High Point Cliffs.
between iron-ore dumps; which are
thinly spaced here - along extensive gravel
cladoniae.

6253 *Cladonia (atrorhiza) brownii*
" with # 6252 ditto
" *C. subcariosa* f. *squamulosa* Robbins
6253a: *C. mitrula* f. *imbricatula* (Nyl.) Wain.

6254 *Cladonia (atrorhiza) brownii*
" with # 6252 ditto
" *C. subcariosa* f. *evoluta* Wain.

6255 *Cladonia (atrorhiza) brownii*
" with # 6252 ditto
" *C. verticillata* f. *evoluta* (Th. Fr.) Stein.
+ f. *phyllocephala* (Th. Fr.) Olin. + *C. subcariosa*
squamulosa Robbins.

6256 *Cladonia verticillata* forma
" with # 6252 ditto

6257 *Cladonia (atrorhiza) brownii*
" (with # 6252) ditto

6255a. *Cladonia subcariosa* f. *evoluta* Wain.
" " "
6255b. " " "
6256 = " *verticillata* f. *evoluta* (Th. Fr.) Stein.
6256a = " *subcariosa* f. *squamulosa* Robbins in herb.
6257 = " " "
6258 = " " "
6258a = " " "
6260a. *C. cristatella* f. *beauvoisii* (Del.) Wain.
6261 = " " "
6261a = " *grayi* f. *simplex* Robbins ^{Haydeni}
acid - +
p = -

Rock l. l.
near

6251

|| in

6252

|| in

but

thin

cl

6253

||

C.

6253a =

6254

||

C.

6255

||

C.

+ f. W

6256

||

6257

|| in

Cladonia
(Leftheria imm.)

with # 6252

6258

||

Bull Run mt., Va
March 5, 1939
H. G. Allard
Fauquier Co.,

6259 Cladonia verticillata forma esoluta (H. Th. Stein.) ditto
|| with # 6252

6260 Cladonia grayi f. simple Robb. ditto
(cups) ♂ laccaric acid + P₂-
|| with # 6252

6261 Cladonia ditto
|| with # 6252

6262 Cladonia piedmontensis Mer. ditto
|| with # 6252 notab.

6263 Cladonia subcanosa f. squamulosa Robbins ditto
|| with # 6252
and f. esoluta var.

6264 Cladonia grayi f. simple Robbins ditto
|| ♂ with # 6252. laccaric acid = +
P₂-

Moss on low stones
in woods, wet slope below
High Point: yellowish green
long, slender branches closely
adhering to stones.
6265
" "

Bull Run Mt., Va
March 5, 1939
Fauquier Co
wet slope, woods
below High Point Cliffs
H.A. Allard

6266 Moss (golden yellow)
in old pine. one of first
" " mosses to come in beneath needles etc ditto

6267 Dark bluish green moss on
rocks etc - closely adhering
" " near # 6265 ditto

6268 Moss
" " on thin organic soil on rocks in woods
in low wet rocky ravine below High Point
Cliffs, wet slope, where red bud etc grow. ditto

6269 Moss
" " on rock near # 6268 ditto

6270 Moss
" " on rock - very loose - (flat)
in woods near # 6268 ditto

6271 Moss
" " on soil on moist bank
near # 6268
Golden bronze color; beautiful. ditto

Moss
On thin organic soil
on rock in wet
ravine, wet slope
below High Point Cliffs
where red buds grow.
6272
" "

Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard

6273 on rock
" " with # 6272
within organic soil. ditto

6274 Moss
" " on rocks near # 6273 ditto
Peltigera competing
with both - overgrown and bearing

6275 Moss growing in soil
" " on rock (loose)
Near # 6273 ditto

6276 Hepatic.
" " large patches on rocks near
foot of High Point Cliffs, wet slope ditto
Abundant - dull green,

6277 Lichen
" " Very thin, slate-colored
harchment-like on rocks
near # 6276. ditto
Very abundant; local

6278 Hepatic
" " Mosses
on huge dead, fallen Tulip Poplar
trunks just north of barren area wet
slope below High Point Cliffs. ditto

mosses
Hepatic
On bark of huge dead
6279 Tulip poplar (same
one with # 6278.)
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard

6280 Cladonia
(reindeer moss)
From interspaces on semi-bare
leaves in browned field just N. of
bare barrens: large clumps, abundant.
ditto

6281 Moss
Grows on rocks in damp ravine
where red-bud grows, fern-like, yellowish
ditto

6282 Moss
with # 6281
similar or same sp.
ditto

6283 Moss (rosette-like; large, bright green)
on rocks in large areas (mats easily
lifted from rocks) with # 6281
ditto

6284 Moss
On bark at base of dogwood (blowing
tree, north side, in woods
just above (east) of ravine where # 6281 grows)
ditto

6285 Moss
(thin, delicate
(Catharinaea?)
on moist soil near # 6281
ditto

Moss
On rocks as mats
in ravine with # 6281
6286 (shining golden-
green) very beautiful
Bull Run Mt., Va
March 5, 1939
Fauquier Co
H.A. Allard.

6287 Moss
Brilliant golden green
on rocks in same ravine with # 6281
ditto

6288 Moss
On rock in damp ravine near # 6281
ditto

6289 Moss
On rock near # 6281
(Large mats easily lifted from the
thin soil; shining golden bronze color
(very beautiful)
ditto

6290 Moss
On rock in moist ravine.
(Same or similar sp. to # 6281;
fern like, appressed, dull yellowish green)
ditto

6291 Moss
(Light yellowish green)
on moist soil on banks in woods
near # 6281 (shining in afternoon)
ditto

6292 Mosses
several.
on moist soil in damp ravine
near # 6281
ditto

Moss
several
On rocks below High Point
6293 cliffs, west slope, in
woods,
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.

6294 Moss
on bark of dead stump in
woods near # 6293 ditto

6295 Moss
fern-like = # 6281; very green
with Peltigera ditto
In ravine below High Point cliffs,
west slope where red bud grows.

6296 Moss
same as # 6281; on rocks ditto
in same ravine

6297 Mosses
(several inter growing)
on rocks in damp ravine with # 6281. ditto

6298 Moss
on soil on bank of brook ditto
in ravine near # 6281

6299 Moss
on bark of old stump ditto
in woods below High Point cliffs

Moss
Polytrichum
On flat rocks in
6300 more patches on thin
soil, (green), slightly
lifted off; dark green.
Bull Run Mt., Va
Fauquier Co
March 5, 1939
H.A. Allard.
west slope below High
Point cliffs.

6301 Mosses (several)
on large flat rocks in woods ditto
just below High Point cliffs.

6302 Bog Rock lichens
from rocks at and below ditto
High Point cliffs (west slope) Date March 19, 1939.

6303 Bog rock lichens
at same place with # 6302 ditto
3-19-39

6304 Bog rock lichens
with # 6303 ditto
3-19-39

6305 Lichen (white) on dead bark
on old limb on High Point cliffs. ditto
3-19-39

6306 Moss
around base of tree west slope ditto
below High Point cliffs.
Pure colonies entirely around tree. 3-19-39

6307 north of
west slope of High Point cliffs
in shallow rocky ravine
Castello's old meadow
field where stone crusher stood.
common among grass and weeds here.

Bull Run Mt., Va.
Fauquier Co.
March 19, 1939
H.A. Allard.

6308 Mosses (several)
on logs, rocks etc. west slope
below High Point cliffs in woods. ditto

6309 Mosses (several)
near # 6308 - on banks, logs, soil, rocks etc. ditto

6310 Hepatic
on banks of Hickory tree
from ground up 6-7 ft. near
6308. ditto

6311 Mosses
on banks of tree near # 6308. ditto

6312 Moss
on litter on banks in woods
near # 6308. ditto

6313 Moss
on banks of tree in woods
near # 6308. ditto

6314 Moss
in shallow rocky dam
ravine below High Point cliffs
west slope. ditto

Bull Run Mt., Va.
Fauquier Co.,
H.A. Allard
March 19, 1939

6315 Moss
on rock in woods near # 6314. ditto
on thin black soil: easily lifted off.

6316 Moss
on soil on bank near 6314. ditto

6317 Mosses
old abandoned meadow
(Castello's) where stone crusher was. ditto

6318 Moss.
Near # 6317 (old field? spence) among
grass & weeds. ditto

6319 Moss
on rock in woods near # 6314 ditto

6320 Moss
on bank and debris in
woods near # 6314 ditto

Moss in old field (Castello's) Bull Run Mt., Va.
where stone crusher stood. Fannin Co.
March 19, 1939
6321 abundant in weeds of this abandoned field. H.A. Allard.

6322 Moss
In old field beyond Riley Cabin ditto
among weeds & grass.

6323 Moss
On soil in woods in shallow ravine ditto
below High Point Cliffs, west slope.

6324 Moss
On soil in woods near # 6323 ditto

6325 Polytrichum
On thin soil on flat rocks, near ditto
in woods, west slope near High Point Cliffs.

6326 Moss
On moist banks in shallow ditto
ravine, west slope below High Point Cliffs.

6327 Moss
On moist bank in woods near # 6326, ditto

Moss Bull Run Mt., Va.
On rocks in ravine near Fannin Co.
March 19, 1939
6328 # 6326: moss
extensive areas on thin soil; fern-like - yellowish green H.A. Allard

6329 Moss
at base of tree trunk ditto
in woods near # 6323

6330 Moss
On rocks in woods near ditto
6323

6331 Moss
On rock in woods near ditto
6323

6332 Moss
On rock in ravine near ditto
6323

6333 Moss
On rock in woods ditto
near # 6323

6334 Moss
In Allard's back yard on clayey soil; very abundant ditto
(Lyon Park, Lexington, Va.)

BoP of rock lichens.

Bull Run Mt., Va

Fauquier Co

west slope, 5 miles

south of Aldie on

low outcrops dipping

about 50° E.

March 26, 1939

H. A. Allard

6335

- (1) Rock outcrop face
only moist high and
much broken - on north
slope of knob.

6336

BoP of rock lichens.

- (1) with # 6335

ditto

6337 BoP of ^{limb} species of lichens from

- (1) base of chestnut oak tree near # 6335
6337 *Lemolepnea dyptata* Evans.

ditto

6338 Mosses

- (1) on soil on bank in woods near
where we parked
dry, cut over land largely.

ditto

6339 *Polytrichum* (in fruit)

- (1) Near # 6338 on soil on bank

ditto

6340 Mosses

- (1) on soil in woods near # 6338

ditto

6341 Moss

- (1) on soil in woods near # 6338.

ditto

Moss
fern-like (yellowish)
on ~~bank~~ ^{base} of log

Bull Run Mt., Va

March 26, 1939

Fauquier Co.

in woods west slope 5 mi.

6342

- (1) on bark, in woods west slope 5 mi.
north side below (south of) Aldie
in damp habitat.

6343

- Moss
on bark at base of living dogwood
(1) tree: a common habitat for this
moss at base of dogwood trees.

ditto

6344

- Moss
(1) on bark of old chestnut oak
log in woods on slope near where
we parked, near # 6338

ditto

6345

- Moss
(1) on soil in woods
near # 6338

ditto

6346

- Hepatic?*
(1) Moss
on dry soil in woods near # 6338

ditto

6347

- Moss
(1) on bark of dead ^{fallen} chestnut oak tree
near # 6344.

ditto

6348

- Mosses (several)
(1) on soil in woods near # 6338

ditto

Moss
on soil in dry
deciduous
6349 woods near
" # 6338

Bull Run Mt., Va
Tangier Co
March 26, 1939
H.A. Allard
5 miles south of Aldie
red slope.

6350 Moss
Polytrichum
" on soil near # 6338. ditto

6351 Hepatic
" Small amount
a red brown, abundant liverwort on
low rock ledges (Cambrian) near old
picnic grounds on north slope of
stony knob. ditto

6352 Sphagnum
" (very pale) on damp banks in
low, rocky ravine near # 6351;
abundant here ditto

6353 Polytrichum
" (moss)
on bank beside road in woods
on far west slope (near big tree at junction) ditto

6354 Moss
" on dry soil in woods near # 6338 ditto

6355 Moss
" on dry sandy soil on slope in open. dry deciduous woods. ditto

Moss + gray lichen (thin)
confeting.
on bark at base of
large living
6356 chestnut oak tree
" on road rising
road through woods.
covered trunk about 10 inches up; usually
common in such situations in trees.

Bull Run Mt., Va
Tangier Co
March 26, 1939
H.A. Allard
red slope 5 miles
south of Aldie.

6357 Moss
" on damp soil in low woods ditto
near # 6356.

6358 Moss
" on bark of living dogwood tree ditto
" at ground, usually on north side or
forming a collar around tree; this the
usual species on the dogwood here.

6359 Moss (two)
" damp
on soil in woods west slope. ditto

6360 Moss
" on soil in woods near # 6359 ditto

6361 Moss
" on damp soil in low woods ditto

6362 Moss
" on bark of dead
fallen chestnut oak tree ditto
(same as # 6344).

Moss
golden-bronzed green - fern-like, Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
6363 On damp soil on
banks in rocky ravine.
" over large areas pure on west slope in
woods south of Aldie
5 miles.

6364 Moss
" On damp soil in low ravine
in woods near # 6363 ditto
over large areas pure; dull yellow-green.
fern-like; common.

6365 Moss
" On soil in low damp ravine ditto
near # 6363

6366 Moss
" a peculiar, fleshy, fern-like, flat- ditto
growing, sheaves with sphagnum in
low, wet ravine on wet soil; not common

6367 Moss
" On damp soil of bank in ditto
ravine in woods near # 6366.

6368 Moss
" Polytrichum. ditto
On soil on bank in
low woods near # 6366.

6369 Moss
" On wet soil in shallow ditto
wet ravine near # 6366.

Moss
On damp soil
in low ravine near Bull Run Mt., Va
Fauquier Co
March 26, 1939
H. G. Allard
6370 # 6366
" 5 miles south of Aldie

6371 Polytrichum (moss) ditto
" On bank in low woods. ditto

6372 Moss.
Same as # 6366 ditto
" a felted moss, grayish green.

6373 Moss
" On banks in woods: ditto
golden same as # 6363?
brunze colored.

6374 Moss
" Same as # 6366 and # 6372 ditto

6375 Rock lichens -
" On rock in ravine west of High Point. ditto
slope below High Point. Bull Run Mt., Va, April 2
Fauquier Co, 1939
H. G. Allard
South of Hotwell Gap.

6376 Rock lichens
" At and below High Point cliffs ditto
west slope in woods.

Dark lichens
from rocks on High Point
cliffs and below, on
6377 near slope,
" "

Bull Run Mt., Va
Fauquier Co
April 2, 1939
H. A. Allard

6378 Moss
" on soil in secondary growth of
" sassafras etc in Castella's knowledge field. ditto

6379 Moss
" with # 6378 same habitat.
on soil ditto

6380 Moss
" on soil
" in same habitat with # 6379 ditto

6381 Moss
" on soil same habitat with # 6379 ditto

6382 Moss
" on soil in Riley's brook ravine ditto
" at water's edge.
(a brilliant light green). Above yellow-violet
green. below big knowledge field.

6383 Moss
" on soil on bank in same ravine ditto
with # 6382

Moss
on rock with # 6382.
6384
" "

Bull Run Mt., Va
Fauquier Co
April 2, 1939
H. A. Allard
near slope S. of
Hofersell Gap trail
below High Point cliffs

6385 On rock Moss
" in same ravine with # 6382. ditto
" fern-like appressed fronds, bright green
brown columns.

6386 Moss
" On rock - near slope in ravine ditto
below High Point cliffs.

6387 Mosses
" on bank of brook & rock where ditto
huge old black walnut tree stood just
end of Hofersell - Broad Run Station highway.

6388 Moss
" On rock in ravine with ditto
" brook near # 6387.

6389 Moss.
" Huge mat in pine colony ditto
" golden bronze color in rocky shallow
ravine below High Point. Very beautiful
dense, frond-like (fern-like)

6390 Moss
" Front of tree on bank near High Point ditto
" cliffs in rocky woods here
" open on sassafras bank at foot see # 6358

Mass
(golden haze.)
6391 covering much of
decayed fallen
log near High
Point cliffs

Bull Run Mt., VA
Fauquier Co
April 2, 1939.
In woods below High
Point cliffs, north slope

6392 Moss
on bank
of brook beside Hagerall to Broad Run
highway near Hawk's nest grove.

ditto

6393 Moss
on soil on rocks on bank
near # 6392

ditto

6394 Moss
on bank of brook near # 6392
on soil.

ditto

6395 Moss
on soil on bank of brook near # 6392

ditto

6396 Moss
on soil on bank of brook near # 6392

ditto

6397 Moss
on soil bank of brook near # 6392

ditto

Mass
On soil in secondary growth sassafras
etc in browse edge pasture (Castellaz)
6398
" " nest slope below
High Point cliffs.
Bull Run Mt., VA
Fauquier Co
April 2, 1939
H. A. Allard

6399 Moss
On soil in same habitat
with # 6398

ditto

6400 Moss
on brook bank with # 6392

ditto

6401 Hepaticae
on bank at base of tree
at edge of Riley's cabin
brook here. yellow violet dry.
Bull Run Mt., VA
Fauquier Co
April 9, 1939
H. A. Allard
nest slope below
High Point cliffs
south of Hagerall Rd.

6402 Moss
on bank of same brook near # 6401.

ditto

6403 ~~Moss~~
Oxalis virginica L
in woods, nest slope just below
High Point cliffs. Tall flower;
abundant. (see H. A. determination)

ditto

6404 ~~Moss~~
Apleticum hyemale (Muhl.) Torr.
in same woods near # 6403.
Cold seed stalks, now with green
appearing dry, withered single leaf (blasted)

ditto

H. sp.
on bark of living
dogwood tree 6-7 ft above
ground in woods below
6405 High Point Cliffs
||

Bull Run Mt., Va
Fauquier Co
April 9, 1939
H.A. Allard
near slope below
High Point Cliffs

Moss
in same ravine on
soil & rocks in brook
6412 bed with 6406
|| fine clear, light green.
Bull Run Mt., Va
Fauquier Co
April 9, 1939
H.A. Allard
near slope below
High Point Cliffs

6406 Moss
on bark of old log in Riley's brook ditto
|| ravine, south of Hotwell Gap.

6413 Moss
with 6406 fine, beautiful ditto
|| clear light green.

6407 Moss
on bark of living oak tree at base ditto
|| (same as #635/8). Near # 6405

6414 Moss
with # 6406 on soil ditto
||

6408 Moss
stem like: low rocks near # 6405 ditto
||

6415 Moss
On old stump in ravine ditto
|| near # 6406.

6409 Moss
on bank in Riley's brook ravine ditto
|| near # 6406.

6416 Moss
On soil in ravine on brook bank ditto
|| near # 6406.

6410 Moss
Polystichum 2 ditto
|| on bank near # 6406

6417 Moss
On soil on bank near # 6406. ditto
||

6411 Moss
with # 6406. ditto
||

6418 Moss
On soil near # 6406. od ditto
|| in soil on rocks in brook above water.

Moss. On soil in Riley's Brook ravine
6419 blue yellow violet moss. Bull Run Mt., Va
Fauquier Co
April 9, 1939
south of Hagerell Gap,
near slope, below High
Point Cliffs.

6420 Moss
" On soil on rocks in ravine with ditto
6419: a beautiful golden bronze.
in large, extensive mats on soil on rocks
on brook bed after overflowed.

6421 Moss
" With # 6420 ditto

6422 Moss
" Same as # 6420, ditto
Growing with it in same locality

6423 Moss
" Same as # 6420, 6421, 6422. ditto
(same locality)

6424 Hepatic
" On rocks foot of High Point Cliffs. ditto
Extensive patches on damp, shaded rocks,
here.

6425 Rock lichens
" On rocks top of cliffs. ditto
south end near Mt. Jackson.
Short Mt., Va
Massanutten Range
Shenandoah Co
H.A. Allard
April 16, 1939

" Rock and bark lichens Short Mt. Massanutten Range
From top of mountain near Mt. Jackson, Va
South end. Shenandoah Co
April 16, 1939
H.A. Allard.

6426
" ditto

6427 Rock & bark lichens
" with # 6426 ditto

6428 Cladonia squarrosa f. ceratodes (Ploosche) Vain. ditto
" Rocks at top near 6426.

6429 Cladonia dactylifera Vain. (form indefinite) ditto
" Near 6426.

6430 Cladonia dactylifera Vain. (form indefinite) ditto
" Near # 6426

6431 Cladonia furcata var. racemosa f. squamulifera Sandst. ditto
" Near # 6426

6432 Cladonia furcata var. racemosa, ditto
" Near # 6426, f. squamulosa Sandst.

Moss on cliffs at top.

6433

(1)

Short Mountain, Va.
Massanutten Range,
April 16, 1939
H.G. Allard.
South end near
Mt. Jackson
Shenandoah Co.

6434

Moss

on cliffs at top.

(1)

ditto

6435

Lichen

Umbilicaria pustulata ?
on cliffs at top.

(2)

ditto

6436

Lichen

Gyrophora vellea ?

(3)

~~ident. by~~ *stereocoma*.

ditto

6437

Cetraria islandica (L.) Ach.

on shales covered with moss.

(1)

Prunella prunellifolia, scattered at base
west of big 2-2 are colony. In the
damp rainy weather very erect and
perennial, fresh, greenish.

ditto

6438

Fruticose lichen

On rocks at upper cliffs.

(2)

Rather small
abundant here at south end.

ditto

6439

Moss

Pure bright green beneath
shelf at top of cliffs

(1)

ditto

Moss

on rocks at top of cliffs.

6440

(1)

Short Mt., Va.
Massanutten Range,
near Mt. Jackson,
Shenandoah Co.
April 16, 1939
H.G. Allard.

6441

Lichen (*Parmelia*) ?

(2)

on rocks at top.
(Beautiful silver gray.)

ditto

6442

Moss

Beautiful golden bronze in spring
Large mats on rocks above, on top of cliffs.

(3)

ditto

6443

Composite of moss, lichen, Hepatic.
On rocks at top.

(4)

ditto

6444

Moss.

On rocks on top: very large
area

(5)

ditto

6445

Cladonia.

Large pure colony of "reindeer moss"
from road side bank in woods
near foot of Short Mt.

(6)

ditto

6446

Cladonia (reindeer moss)

on rocks at top.

(7)

ditto

Cladonia (reindeer moss) short Mt. Massanutten Range
On rocks at top south end, near Mt. Jackson, April 16, 1939
H.A. Allard
Shenandoah Co.

6447

||

6448 Cladonia (reindeer moss)
|| On rocks at top.

ditto

6449 Moss:
|| small, dark green: in fruit.
On rocks at top in dense, small colonies.

ditto

6450 Moss:
|| Light, pure green.
at cliffs in seams of rocks
dripping or moist, protected.

ditto

6451 Peltigera
|| Lichen overgrowing mosses
growing with # 6445.

ditto

6452 Moss (fruiting)
|| On rocks at top.

ditto

6453 Moss
|| On rocks on top.

ditto

Moss short Mt. Massanutten Range
On rocks on top Shenandoah Co.
6454 (large patches pure) Near Mt. Jackson.
|| April 16, 1939
H.A. Allard
(south end)

6455 Moss
|| On rocks on top covering
large areas pure: fruiting
capsule well down in moss, prostrate.
Easily removed as loose on thin humus.

ditto

6456 Moss
|| On rocks on top: deep dark green.
appearing resembling a Polytrichum.

ditto

6457 Hepatic
|| Dark green in pure, extensive
mats on damp rocks on top, or even
overhanging dripping ledges.

ditto

6458 Moss
|| In dense mats on rocks on top,
pure, yellowish green, fern-like.

ditto

6459 Moss
|| On rocks on top: dark green,
fruiting.

ditto

6460 Moss old log on
|| On bark on ledges on top;
fruiting

ditto

14 moss
vibrant, bright green
on damp ledges
6461 at cliffs on top. Shenandoah Co.
v1
South end of Short Mountain, Va
Massanutten range,
east of Mt. Jackson, Va
April 16, 1939
H.A. Allard

6462 Moss
vibrant, brilliant green; on
cliffs at top ditto

6463 Cladonia
v1 "Reindeer moss" on rocks at top. ditto

6464 Cladonia
v1 "Reindeer moss": near # 6463 ditto

6465 Cladonia
v1 (reindeer)
competing with mosses (Polytrichum etc.)
where are these mosses?
(By roadside on banks in woods at foot of mt.) ditto

6466 Peltigera
v1 competing with moss.
what is the moss?
Growing with # 6445 & 6451. ditto

6467 Asplenium montanum Willd.
v1 in crevices of vertical cliffs at top of mountain. ditto

Moss
on rocks, above cliffs at top at 2700 ft. Short Mt.
Massanutten range,
Shenandoah Co., Va.
6468 a beautiful golden bronze
species in fruit, waving
v1 large areas here, on rocks. April 16, 1939.
H.A. Allard.

6469 *Tsuga canadensis*
v1 on rock ledge, at storm creek
near of Mr. Coffelt's
habitation; abundant.
On slopes of Squire Hole mt.,
Shenandoah Co., Va.
just west of Coffelt's on
Little Stony Creek
April 23, 1939
H.A. Allard.

6470 Moss
v13 on rimlet on rocks of slope. ditto

6471 Moss
v1 (*Thuidium*)
on rocks on steep slope near
crest of ridge. ditto

6472 Moss
v1 on dry soil top of ridge near
Big Schloss. ditto

6473 Moss
v1 on rocks at Big Schloss. ditto

6474 *Arabis laevigata* (Muhl.) Poir.
v1 on crest of ridge near Big Schloss. ditto
scattered; just in flower.

Salaginella rupestris (L.) End slope of Devil Hole Mt,
Shenandoah Co. Va.
on red sandstone, near of Coffelt's and Little
6475 Soil at crest of ridge April 23, 1939
just N. of ridge H.A. Allard.
Devil Hole Mt.

6476 Moss
on damp rocks where spring
over flood near crest of ridge.
just west of Coffelt's. ditto

6477 Moss.
In water where spring flows
over rocks near # 6476. ditto

6478 Moss
Long stringy.
On rocks under water where
spring flows over slope; near # 6476. ditto

6479 Moss
On muddy soil on rock where
spring flows down slope.
a brilliant green color, dead below
but living at tips. ditto

6480 *Salix humilis* Marsh Bull Run Mt., Va.
(3) In fine hummocky pasture beyond (or) River April 30, 1939
old cabin H.A. Allard
abundant; leaves glaucous beneath. west slope below High Point. ditto

6481 *Viburnum pumiliifolium* L.
(3) In field (pasture) where *Pinus*
rigida globosa grows. ditto
abundant, very showy, in full bloom here.

Carex artitesta Mark. Bull Run Mt., Va.
In heavy woods April 30, 1939
below High Point (off) Franquier Co.
scattered. Below High Point
west slope.
H.A. Allard
Ident. by F. J. Hermann. e

6483 *Amelanchier canadensis* (L.) Medici. ditto
On High Point Cliffs: full
bloom here: hard blooming below mouth.
abundant on Bull Run ridges. e

6484 Three Top Mountain, Va.
Massachusetts Range,
Shenandoah Co.
May 7, 1939.
H.A. Allard.
at rock slides near
slope near South Fork
of Shenandoah R. near
of Woodstock on Pulaski Run

6485 *Erodium cicutarium* (L.) L'Her. ditto
In steep pastures at Logansport Grove
south of Woodstock, 1 mile
from D. flat, neither peaches nor
occupies the ground where tall herbage is eaten.

6486 *Carex artitesta* Mark. old
(3) In old field growing up, near Cabins ditto
near River; abundant.
Ident. by F. J. Hermann. e

6487 Gramineae ditto
(2) wooded slopes near River, near
6486: scattered; not abundant.

6488 Moss ditto
On bank high up on shale
slope: heavily wooded, shaded.

Fruticose lichen
on rocks on rock slide
high up slope.
6489 1/2: abundant
" locally here.
Three Top Mountain, west slope,
Massachusetts Range,
Shenandoah Co., west slope
near So. Fork of Shenandoah
near Woodstock, Va.
May 7, 1939
H. G. Allard on English Run

6490 *Azalea nudiflora*
13) In woods far up slope near
rock slide - near # 6489.
abundant: full flower. ditto

6491 *Lonicera dioica* L.
17) on rocky slope just off rock slides
near top of slope. Just in flower -
few blossoms. ditto

6492 *Arctis laevigata* (Muhl.) Poir.
11) On wooded slope everywhere and
near river: abundant. ditto

6493 *Carex communis* Bailey
12) Basal sheaths deep reddish.
In woods near River in rich soil:
abundant. Ident. by F. J. Hermann ditto

6494 Mass
11) In wet springy spot near river.
near old cabins. ditto

6495 *Cladonia* (?)
11) Like a "reindeer moss".
On rocky shelves at top of ridges
on rock slides. ditto

6495 a. On bank above near Shenandoah
River here & there.

Lichen (brown)
(strong fishy smell)
High up slope
6496 on rocks in
12) woods.

Three Top Mt., west slope,
Massachusetts Range,
Shenandoah Co., Va.
May 7, 1939
west slope near So.
Fork of Shenandoah
N. W. of Edinburg.
on English Run

6497 Mass
11) Bright, shining green.
In wet spot with # 6494. ditto

6498 Mass
11) In same spring brook with # 6494. ditto
a large, dark green mass - pine-like.

6499 *Viola sororia* Willd.
18) Rich woods west slope near
River & old cabins, near # 6486.
abundant. Leaves beneath, stems (petioles)
hairy. ditto

6500 *Carex blanda* Tenney
14) Rich woods near # 6499: abundant. ditto
Ident. by T. J. Hermann.

6501 *Viola scabrinervula* Schrein ditto
12) Near # 6499, in damp, rich woods.
(capsules densely woolly)
(fl. yellow: purple-veined); abundant locally.

6502 Mass
17) with # 6494. ditto

17 m
growing in spring-fed
brook near old cabins
near River.
6503
(11)
Three Top Mt., Va.
Massanutten Range,
Shenandoah Co.,
west slope N. E. of road to
Va. May 7, 1939. H. A. Allard.

6504 ^{Moss}
brilliant shimmering light green;
very beautiful. Growing near # 6503 ditto

6505 *Jeffersonia diphylla* (L.) Pers.
(15) In rich woods near old cabins: only
one spot: local. ditto

6506 *Gramineae*
(2) on wooded slopes: in scattered clumps: ditto
shattering.

6507 *Carex platyphylla* Carey
(6) Broad glaucous leaves: in rich damp
woods on shale to River: very abundant.
Ident by F. J. Hermann. ditto

6508 *Rock Lichens*
(1) on rocks of rock slide ditto
climbed on this trip.

6509 *Bromus*
(4) At lower end of
Riverton Bridge,
Warren Co., Va. very
abundant.
~~Shenandoah Valley of Va~~
Hardy Co., ~~West~~ Va.,
May 10, 1939
H. A. Allard
on ridge west of
Big Schloss Ridge.

Lithaeferrum arvense ~~Shenandoah~~
on roadside ~~Hardy Co., West Va~~
Two miles west of
6510 Edinburg: common H. A. Allard
May 10, 1939
on west ridge west of
Big Schloss Ridge
directly across valley from
Big Schloss.

6511 *Salvia verbenaca* L.
(7) Growing with # 6510 ditto
a large colony here: my first record.
bl. blue: in full bloom.

6512 *Erodium cicutarium* (L.) L. Her.
(2) Growing near # 6510: large
1 ft - 18 in tall with spread of 1 foot or
more: abundant: full bloom. ditto

6513 *Sisyrinchium mucronatum*
(13) On shale soil near Posella Port Valley. ditto
by roadside: full bloom, very
showy, blue in clumps.

6514 *Pentstemon hispidus* (L.) Willd.
(15) on shale banks by roadside ditto
near Strasburg, Va west of Shenandoah
River: abundant: full bloom.

6515 *Aronia*
(7) Low bush - 2 ft
on top of dry rocky
ridge at old Ford cabin
full bloom, showy.
Hardy Co., West Va
on ridge west of Big
Schloss ridge.
May 10, 1939
H. A. Allard ditto

6516 *Anemone trifolia*
(2) Growing high on west slope ditto
near # 6515 - under bear oak
etc: full bloom: occasional.

Hepatic
Moss

Alleghenies
Hardy Co., West Va
on ridge directly across
valley west from Big Schloss
Ridge & Big Schloss
May 10, 1939

- 6517 On crevices of
high ledges here,
Diplophyllum foliosum (Hedw.) Mohr. H. A. Allard.
plus Diplophyllum apiculatum (Evans) Steph.
6517A = " " " "

- 6518 Mosses
on crevices of
ledges near top near # 6517 ditto
Pohlia nutans (Hedw.) Lindb.
6518A = Gymnostomum recurvirostrum Hedw.

- 6519 Asplenium montanum Willd
on crevices of ledge face near # 6517. ditto

- 6520 Viola canadensis L. (white fl.)
(2) May 10, 1939 Shenandoah Valley
H.A. Allard Shenandoah Co.
on banks of Little Stony Creek
west of Edinburg, Va.
near Three Mills Mt., Va. ditto

- 6521 Equisetum arvense L.
on banks of Little Stony Creek near
6520, the bridge is near Thunja
occidentalis ditto

- 6522 Anemone drier
(3) at ledges at top, near
6517; very
abundant; fruiting. ditto
Alleghenies
Hardy Co., West Va
on ridge just west of
Big Schloss from Big Schloss
ridge, May 10, 1939
H.A. Allard.

- 6523 Crataegus
(3) High up near cliffs at top in
woods; anthers pinkish. ditto

Lichen
Pannetia ?

Alleghenies
Hardy Co., West Va
Westridge beyond Big
Schloss just on the
Sentry Hole Mt. Ridge.
May 10, 1939
H.A. Allard.

- 6524 Lichen gray.
on rock in
woods on slope
ascending to top of ridge.

- 6525 Malus angustifolia
(4) on woods near cliffs; very showy
pink flowers, fragrant. scattered in
woods here. ditto

- 6526 Sax. verna L.
on top of ridge at ledges,
amongst rocks, rocks etc. abundant, full
bloom, showy; delicately fragrant. ditto

- 6527 Moss
(2) Long, slender, massed in flowing
water from cold mountain stream
near the ledges in a ravine.
(covered with algae) ditto

- Fontinalis Leucurii Sull.
6528 Lichen (gray)
(1) on banks of damp ravine
leading near ledges. ditto

- 6529 Carex pennsylvanica Lam.
(5) on rocky shelves at cliffs at
top; abundant. Ident. by F. J. Hermann. ditto

- 6530 Sax. tricolor
(3) Tall form - at end
of Pierton Bridge, and
spreading along roadways.
Tall form. See # 1938
Great Valley of Va.
Warren Co.
near Pierton, Va
at end of bridge
over North Fork of
Shenandoah.
May 10, 1939
H.A. Allard.

Sisyrinchium macrocarpum Nutt. Centerville, Va.
very abundant in an old Fairfax Co.,
meadow: a blue May 12, 1939
6531 here over much of the H.A. Allard.
(2) area: full bloom. e

6532 *Carex pensylvanica* Denev. Arlington, Va.
(5) Beside walk on Arlington Co., Va.
H.A. Allard lawn; abundant May 12, 1939.
here. H.A. Allard.

6533 *Euphorbia corollata* Bartlett formae
(2) ~~if *Euphorbia*~~ Pond Mountain
On dry Tanager hillside Tranquar Co.
in pasture, west slope. May 14, 1939
not common just in bloom. H.A. Allard.

6534 *Sphaeropholis nitida* (Kreng.) Scribn.
(1) In open woods, west slope: in clumps, ditto
scattered: just coming into flower
abundant over the entire area in woods; shining,
attractive. e

6535 *Carex retrofracta* Muhl.
(1) Near # 6534. ditto
e

6536 *Carex articulata* Mark.
(2) In same woods near # 6534. ditto
e

6537 *Juncus ? strictus planifolius* Muhl.
(2) In open woods, west slope. ditto
near # 6534. e

Chenopodium scholastica Nutt. Pond Mt., Va.
In open woods, Tranquar Co.
6538 west slope with # 6534. May 14, 1939
(1) Full bloom: scattered. H.A. Allard
e

6539 *Erigeron phillyllis* Michx.
(1) By road in opening in woods with # 6534. ditto
Full bloom: color light, gray blue. e

6540 *Ranunculus hispidus* Michx.
(2) In woods west slope with # 6534: ditto
abundant: full bloom. e

6541 *Gizia cordata* (Walt.) D.C.
(3) In woods with # 6534: ditto
abundant, full bloom: shiny
yellow fl. e

6542 *Carex gracilescens* Steud.
(2) In woods, west slope with # 6534. ditto
e

6543 *Carex constricta* Mark.
(1) In woods with # 6534. ditto
e

6544 *Batrachium virginianum* (L.) Sw. ditto
(2) Rich, deep soil, east and west
slopes: abundant: just fruiting. e

Smilax herbacea L. ✓
very odoriferous like carnation,
6545 west slope with #6534.
Pond Mt., Va
Fauquier Co.
May 14, 1939
H.A. Allard.

6546 *Cynoglossum virginianum* L. ditto
abundant, full bloom: east slope.
In rich woods.

6547 *Carex artiteuta* Michx. ditto
Top of ridge, in woods.

6548 *Carex laxiflora* (Tuckerm.) Steud. ditto
By roadside, east slope near
farm yard fence.

6549 *Paulownia tomentosa* (Thunb.) Steud. ditto
at foot of cliff beginning south of
Thoroughfare Gap near Route #55.
Full bloom: very beautiful: of general
occurrence.

6550 *Phacelia dubia* (L.) Small. Arlington Farm, Va. ditto
a volunteer seedling - Arlington Co.; May 13, 1939
on 13 hour fern test of H.A. Allard
affluens *Platyneuron* from Great Falls, Md., 1938.
Plants 11-12 in tall: racemes loose 4-5 in long.
fl. blue (light)

6551 *Phacelia dubia* (L.) Small. ditto
volunteer germinating on 10 hour day
with same fern. Plants very low, 2-2 1/2
in tall, mostly leaves. Short stems with
no racemes but flowers in clusters of 2-5
only. Habit completely changed.

Polygonum persicaria L. Arlington Farm, Va.
volunteers on 10 hour day test of
6552 H.A. Allard
May 13, 1939
Polypodium vulgare from Great Falls, Md.
1938. Plants many, very small, 4 in or
less tall, flowering 4-5 leaves only had
dev. of one cot.: none had flowered on 13,
14, 14 1/2 or Controls.

6553 *Sisyrinchium* (H.A. Allard) ditto
None flowering
on 12 hour; May 23 on 12 1/2 hr.
old field (Thromedg)
near Falls Church, Va
Arlington Co.,
May 21, 1939
H.A. Allard.

6554 *Robinia* ditto
By roadside in bank. Near Merrifield, Va
Very abundant here - 2-3 ft. Fairfax Co.
Flowers deep rose pink, turning
blueish on drying. Escape? May 21, 1939
H.A. Allard.

6555 *Pentstemon canescens* (Mill.) Britt. ditto
Roadside on Triassic area
with abundant; flowers pinkish
leaves, sharp teeth
Gainesville, Va
Triassic area
Prince William Co.
May 21, 1939
H.A. Allard.

6556 *Caryophyllus americana* Walt. ditto
In old pasture near
Belts; abundant.
Bull Run Mt., Va
North of Hagerell Gap.
May 21, 1939
Fauquier Co.
H.A. Allard.

6557 *Ulmus americana* ditto
In pasture west from Belts
near # 6556

6558 *Rubus argutus* Link ditto
High Huckleberry.
Pasture near # 6556.
Full bloom: abundant
4-5 ft.

Rufus
(Half-high Hackberry
sp.-called) Very
6559 abundant; full flower
(2) 2-3 ft. high.
Very fine fruit.
Bull Run Mt., Va
Fauquier Co.
West slope, north
of Hagerrell Gap.
May 21, 1939
H.A. Allard.

6560 *Veratrum viride* Nutt
(2) In swamp north of
(du ty se thins Belts 1 mile; abundant,
each) full bloom. ditto

6561 *Carex lasiocarpa* (Kirkenth.) Mack.
(1) In same swamp with # 6560 ditto

6562 *Viola cucullata* Nutt.
(1) Lateral petals bearded.
In swamp with # 6560 ditto

6563 Gramineae.
(2) Growing in soil on rock in brook
N. of Hagerrell Gap 2 miles, near # 6560 ditto
- *Trisetum pennsylvanicum* (L.) Beauv. e

6564 *Carex leavenworthii* Dancy
(2) on dry bank in thin woods
near # 6563 (we ate)
abundant ditto

6565 *Carex blanda* Dancy
(3) Growing with # 6564.
Very abundant here, making
much of vegetation. ditto

Cardamine pennsylvanica Nutt. Bull Run Mt., Va
Fl. white. on soil Fauquier Co.
mat on flat stones west slope 2 miles
6566 in brook near N. of Hagerrell Gap.
(2) we ate it. May 21, 1939
abundant here; hanging. H.A. Allard.

6567 Gramineae
(2) Growing with # 6564. ditto
= *Bromus japonicus* Thunb. e

6568 *Carex acuticarpa* Dancy
(2) Growing with # 6564 ditto

6569 *Carex gracilescens* Steud
(1) Growing with # 6564 ditto

6570 *Carex gracilescens* Steud
(4) with # 6564 ditto
6570A = *Carex grisea* Wahl. e

6571 *Carex gracilescens* Steud
(1) with # 6564 ditto

6572 *Carex grisea* Wahl.
(1) with # 6564 ditto

Carex cephalophora Muhl Bull Run Mt., Va
 on dry slope in
 open woods here
 6573 near it - 1/2 mile west slope 2 miles
 N. of Belts N of Hagerell Gap
 May 21, 1939
 H.A. Allard

6574 *Carex rosea* Schk.
 (1) with # 6573 ditto

6575 *Carex consoluta* Mack
 (1) with # 6573 ditto

6576 *Galium aparine* L.
 (1) In swamp near # 6573
 very abundant! ditto

6577 *Carex flacca* Desvay (immature)
 (2) with # 6573 ditto

6578 *Carex cephalophora* Muhl
 (1) with # 6573 ditto

6579 *Carex rosea* Schk.
 (1) with # 6573 ditto

Carex cephalophora Muhl Bull Run Mt., Va
 in moist soil near # 6573. Hagerell Cr
 west slope 2 miles N
 of Hagerell Gap. May 21, 1939
 H.A. Allard

6580
 (2) *Platanus occidentalis*
 (15) In pasture just west of Belts ditto

6582 *Carex flaccisaginata* (Kühenth.) Mack.
 (2) In wet swale west of Belts ditto

6583 *Eleocharis tenuis* (Willd.) Schultze
 (1) with # 6582 ditto

6584 *Carex flaccisaginata* (Kühenth.) Mack.
 (1) In swale with # 6582 ditto

6585 *Veronica officinalis* L.
 (1) In damp soil in pasture
 near # 6582 ditto

6586 *Carex flaccisaginata* (Kühenth.) Mack.
 (1) In damp soil near # 6582
 in swale. ditto

Trifolium procumbens L. Bull Run Mt., Va.
(yellow), in ~~pasture~~ ^{pasture} west slope
N. of Hagerell Gap 1 1/2 miles N. of Hagerell Gap
Tangier Co.
May 21, 1939
H.A. Allard.

6588 *Liriodendron tulipifera* L. ditto
(3) In pasture near # 6587; full bloom.

6589 *Carex glaucoidea* Michx. H.A. Allard's garden
(3) Near pines. Arlington Co., Va.
May 23, 1939

6590 *Veronica*
(1) Abundant; erect. ^{Lawn of Administration}
Bldg. U.S. D.A., Wash. D.C.
at main entrance.
May 23, 1939
H.A. Allard

6591 *Veronica*
(1) Very abundant; with # 6590 ditto
Dying as summer comes on; replaced by
crab grass.

6592 *Crataegus mar-galloi* L. west of Bull Run Mt.,
(3) In meadow along west slope; meadow.
Broad Run just Tangier Co.
west of Thoroughfare Gap. May 24, 1939
Full bloom: as if as if H.A. Allard.

6593 *Hieracium pratense* Tausch Near Marshall
(16) Roadside near Marshall Tangier Co.
very abundant; full bloom.
Stoloniferous; slender stolons
just beginning.

Labiatae
(white woolly) Great Valley of Va.
(Shenandoah Co.)
one clump only, just ~~seen~~ ^{seen} U.S. #11, north of
6594 south of Strasburg, ~~roadside~~ ^{roadside}
(7) on roadside at limestone H.A. Allard.
diffs: full bloom.
(1) none seen at before)
= *Stachys lanata* Jacq. in flower in
blacks herbaceous

6595 *Osmorhiza longistylis*
(3) var. *viribicantis* Tjornald ditto
Growing by stream (Pugh's Run)
one mile N. of Woodstock, Va near
U.S. 17; abundant at trail limestone
outcrop here.

6596 *Hesperis matronalis* L. On Pugh's Run
(9) On limestone cliffs Limestone outcrop,
along Pugh's Run; near highway U.S. 17,
very abundant, showing; 1 mile N. of Woodstock,
white and purple; May 24, 1939 Va.
full bloom H.A. Allard

6597 *Carex grisea* Wahl. ditto
(1) with # 6596

6597A = *Carex flanda* Desney.

6598 *Pellaea atropurpurea* (L.) Link. ditto
(1) with # 6596 on cliffs (limestone)
abundant.

6599 *Valerianella*
(3) On cliffs with # 6596 ditto
Plants pale; off. leaves.

6600 *Carex flanda* Desney
(1) with # 6596 ditto

Carex grisea Wahl
just off U.S. #11.

6601

(1)

On Pugh's Run,
Limestone cliffs,
1 mile N. of Woodstock, Va.
Shenandoah Co.
May 24, 1939
H.A. Allard

6602 *Splachn. trichomanes* L

(2) On limestone cliffs on
limestone cliffs with # 6601
(abundant here)

ditto

6603 *Carex cephalophora* Muhl

(1) On same cliffs with # 6602

ditto

6604 *Nerchera*

(1) with # 6602: full bloom.

ditto

6605 *Convolvulus*

(1) very white woolly. Just in bloom.
at Mr. Burner's pasture
foot of Pugh's Run road.
Just in bloom.

Three Top Mt. Va.
Massanutten Range,
May 24, 1939
Shenandoah Co.
H.A. Allard

6606 *Orebanche multiflora* L.

(1) on shales in woods on
west slope east of Mr. Burner's farm.
abundant: full bloom.

ditto

6607 *Carex pennsylvanica* Lam

(1) on steepest, barren shales of
slope east of Burner's house & hill
abundant, past.

ditto

Carex hitchcockiana Denny Three Top Mountain, Va.
Massanutten Range,
May 24, 1939
H.A. Allard.

6608

(1)

on top of ridge
at cliffs above
rock slides.

6609

(3)

Comandra umbellata L. (Nutt.) Nutt. ditto

In woods on shales
near # 6608, (abundant)
full bloom.

6610 *Pentstemon*

(2)

On steep barren shales above
a fall: near # 6607: abundant: full bloom.

ditto

6611 *Ceanothus*?

(2) In woods in deep ravine by spring
where once a house site on
shales well down mt.

ditto

6612 *Fumariaceae*

(2)

with # 6611.
seedling: seeds shining, black.

ditto

6613 *Philadelphus coronarius* L

(3)

(very fragrant: several clumps) ditto
Growing with # 6611: a curious form
a house site: very beautiful but lost in
these woods now.

6614 *Rubus*

(1)

trailing.
On dry rocky crest of ridge

ditto

Gramineae
On dry rocky ridge
6615 *Carex* *cephalophora* Muhl.
(2) Not in flower, but soon. H.A. Allard.
Three Top Mountain, VA
Massanutten Range
Shenandoah Co
May 24, 1939

6616 *Carex* *cephalophora* Muhl.
(1) near # 6615 ditto

6617 *Menziesia pilosa* (Michx.) Pers.
(4) on steep slopes in heath zone above
rock slides; abundant; full bloom, ditto

6618 *Rhus glabra* (Michx.) Steud.
(5) (prun?) on steep barren shale here & fell.
Patches here; erect, bushy, ditto

6619 *Bypleurum rotundifolium* L. Bull Run Mts, Va
(3) In laurel grove at old house Tranquien Co
(6) below High Point, half stone, May 28, 1939
half wood; full bloom. H.A. Allard.
(my first record in Bull Run area. High Point) ditto

6620 *Sisyrinchium angustifolium* Mill.
(1) In swampy just beyond laurel grove below High Point; full bloom. ditto

6621 *Carex flaccidula* (Kühn.) Mack.
(1) In swampy woods near # 6620 ditto

Gramineae
In low swampy woods below
6622 High Point Cliffs.
(2) scattered in clumps.
= *Trisetum pennsylvanicum* (L.) Beauv. ditto

6623 *Acletois quadrifolia* Jacq.
(1) In rich woods just below
(west) of High Point Cliffs. ditto
scattered throughout; full bloom.

6624 *Carex virescens* Muhl.
(1) on High Point Cliffs. ditto

6625 *Rubus argutus* Link.
(1) (High stems) among rocks
at foot of High Point Cliffs. ditto

6626 *Hieracium pratense* Tausch.
(3) By roadside just near Gainesville
near # 55 turn off from Prince William Co.
U.S. # 11. Has just appeared May 28, 1939
in Bull Run area this year. H.A. Allard ditto

6627 *Oxalis stricta* L.
(3) (yellow) In old field near
Pinus echinata tree. Bull Run Mts, Va
(full bloom) May 28, 1939
H.A. Allard ditto

6628 *Carex annulata* Beck.
(2) Near old ditch below Pinus echinata
in field (damp soil.) South of Hagerell Gap. ditto

Carex annexata Bickn. Bull Run Mt., Va
Beside brook near Tranquar Co
dead chestnut Elm tree. west slope below
High Point, south
of Hagerell Gap.
6629 (1) May 28, 1939
H.A. Allard. e

6630 *Senecio smallii* Britton ditto
(3) In old field where wild carrot so
abundant last year: growing now
around *Prunus ciliolata* area.
Full bloom. e

6631 *Houstonia missouriensis* L. ditto
(1) In old pasture just beyond
Riley's brook where young red cedars so
abundant.
(full bloom) e

6632 *Veronica arvensis* L. ditto
(1) In old pasture near # 6631.
abundant, dying; now; erect, slender,
abundant; annual e

6633 *Glyceria striata* (Lam.) Hitch. ditto
(2) In damp soil of brook near
big dead blums *americana*
abundant in swamps, brooks on stones,
etc. e

6634 *Equisetum arvense* L. ditto
(2) with # 6633 in damp soil
on bank. e

6635 *Moss* ditto
(1) on thin soil on rock
in brook with # 6633. e

Agrostemma githago L. Bull Run Mt., Va
In wheat field south of Tranquar Co
Hagerell Gap; full bloom May 28, 1939
6636 *Parolla hilaris* some as H.A. Allard
(2) upper lip of *Orelin spectabilis* west slope
below High
Point Cliffs. e

6637 *Convolvulus sp. repens* L. ditto
(3) *stigma* var.
In dry, sterile soil by
roadside below Castello's, Hagerell Gap
very abundant, full bloom. e

6638 *Carex laevigata* (Kirkend.) Mark. ditto
(2) In open soil below Castello's
at Hagerell Gap. e

6639 *Carex lurida* Wahl. ditto
(5) Growing with # 6638. e

6640 *Juncus effusus* L. var. - (immature) ditto
(3) with # 6638; very abundant.
making green berberis (tall) in many
smaller ones. e

6641 *Campylodiscus arenaria serpyllifolia* L. ditto
(1) In pasture at Hagerell Gap below
Castello's; abundant. e

6642 *Veronica officinalis* L. ditto
(1) In old field at Hagerell Gap
below Castello's
large areas - blue (light) with
leaves. e

Pentstemon canescens (Britt.) Britt. Bull Run Mt., Va
in old field on Triassic Area Prince William Co
near Antioch. Very abundant, May 28, 1939
6643 bull blower
(7)

6644 *Convolvulus spithameus* L ditto
(1) (1) on bare areas S. of Hofferell Gap
where soil was obtained for testing at
Arlington Farm. Very abundant in there:
bull blower, white; almost the only plant
here.

6645 *Panicum deplanfortense* Muhl Bull Run Mt., Va
(2) In pasture S. of Belts Tranquien Co
(same clump.) May 30, 1939
H.G. Allard
In area just west of
Belts old N. road
toward Landmark
N. of Hofferell Gap.

6646 *Bromus commutatus* Schrad
(2) In farmyard of negro
farm where we heard carolers
white folks. Very dense stands
ditto

6647 *Bromus commutatus* Schrad
(2) Growing with # 6646; abundant
ditto

6648 *Carex lasiocarpa* Lam
(1) In deciduous woods east of
Landmark.
ditto

6649 *Panicum dichotomum* L.
(1) In woods east of Landmark
ditto

Sphenopholis Bull Run Mt., Va
in woods Tranquien Co.
east of Landmark. In area west of High Knob
ad Belts old road
Landmark.
May 30, 1939
H.G. Allard.
(1) *Sphenopholis filiformis* (Chapm.) Scribn.
New to Va.

6651 *Carex rosea* & *consolidata* Mack ditto
(1) In woods near # 6650
(abundant)

6652 *Carex hirsutella* Mack ditto
(1) In woods near # 6650

6653 *Panicum fasci* Poir ditto
(1) In woods with # 6650

6654 *Carex lasiocarpa* Lam.
(1) In woods near # 6650
ditto

6655 *Carex hirsutella* Mack ditto
(1) In wood road in woods
near # 6650

6656 *Asarum parietaria pennsylvanica* Muhl ditto
(3) In damp rich woods near
Landmark; very abundant here.

Gramineae
In damp rich woods
near landmarks,
6657 where all the black
walnut trees.
" *Bromus japonicus* Thunb.
Bull Run Mt., Va
Fauquier Co.
west slope in area
west of Round Knob
had Belts toward
landmarks.
May 30, 1939
H.G. Allard

6658 *Carex ~~flacca~~ ^{muhlenbergia} ravenensis* Boott.
" In thin, open woods on dry
slope east of landmarks where it is
abundant here. Halfway
(same clump.) ditto

6659 *Carex cephalophora* Muhl.
" with # 6658
abundant here
(same clump.) ditto

6660 *Carex hirsutella* Mack.
" Near # 6658
(same clump.) ditto

6661 *Carex cephalophora* Muhl.
" In old pasture near # 6658 ditto

6662 *Carex cephalophora* Muhl.
" Edge of thin woods, dry near
pasture near # 6658 ditto

6662 a: *Carex ~~flacca~~ ^{muhlenbergia} ravenensis* Boott.

6663 *Panicum depauperatum* Muhl.
" In old pasture near # 6662 ditto

Carex hirsutella Mack.
In heavy thicket of *Rhus glabra* in
pasture where it made almost
6664 a pure dense stand of foliage.
" below.
In pasture west of Belts
Bull Run Mt., Va
Fauquier Co.
May 30, 1939
H.G. Allard
In area west of Round Knob
and Belts and toward
landmarks.

6665 *Carex cephalophora* Muhl.
" with # 6664
very abundant in old pasture ditto

6666 *Carex cephalophora* Muhl.
" In pasture with # 6664 ditto

6667 *Carex cephalophora* Muhl.
" Near # 6664 ditto

6668 *Carex hirsutella* Mack.
" In pasture near # 6664 ditto

6669 *Convolvulus ^{repens} spithameus* L.
" In bare red-soil area in pasture
far west of Belts; covered with these only,
and exceptionally large. width flowers
6.8 cm; 7.0 cm; 5.5 cm; 6.7 cm.
(very showy, abundant.) ditto

6670 *Houstonia missouriensis* L.
" In pasture near # 6669.
Very abundant; full bloom; and
in woods etc. ditto

Consolida spithamea Bull Run Mt., Va
Franquier Co
May 30, 1939
H.A. Allard
1 white fl
6671 ♀ stigmas red
(2) to 10 long
everywhere in sterile
ground: full bloom
west slope N. of Hagerell Gap
2 miles, old road
Round Knot to Landmark

6672 *Sphenopholis glycyssia* ditto
(2) in rich woods (damp)
brilliant, shining green
in clumps = *Sphenopholis filiformis* (Chapm.) Scribn.

6673 *Sisyrinchium graminoides* Scribn.
(2) in low ground in pasture
just west of where we parked
old stream below - at foot
of High White Rock slope.

6674 *Carex amnensis* Bickn.
(2) in low ground with # 6673 ditto

6675 *Carex bushii* Mark
(1) with # 6673 ditto

6676 *Carex amnensis* Bickn.
(1) with # 6673 ditto

6677 *Carex bushii* Mark
(3) with # 6673 ditto

Triostema perfoliatum Bull Run Mt., Va
Franquier Co
May 30, 1939
H.A. Allard
6678 Landmark, old road
(1) old pasture: abundant
west slope N. of Hagerell Gap
full bloom. 2 miles old road
from Round Knot toward
Landmark.

6679 *Apletum hyemale* (Muhl.) Torr.
(1) in heavy woods east of Landmark, ditto
rich soil - leaf dead. One bulb 3 in
may not be flowering this year or with no
leaf; a larger bulb. My first finding of
the plant in flower.

6680 *Saxifraga smallii* Britton
(2) on dry wooded slope in thin woods: abundant: east of Landmark
full bloom.

6681
Rattlesnake Mt., Va
Franquier Co.
June 2, 1939.
alt. 2100 ft.
H.A. Allard

6682 *Carex grisea* Wahl
(4) in heavy woods in rich dark soil at top of highest point. ditto

6683 *Grammaea*
(2) in woods on east slope near top ditto

6684 *Carex cephalophora* Muhl.
(2) in woods east slope. ditto

Carex parviflora Bickn. Rattlesnake Mt., Va
in small between
Rattlesnake rd Buck
6685 Mt. June 2, 1939
H.A. Allard.

6686 *Juncus macrocarpa* S.F. Gray ditto
" in small with # 6685
(leaves of it here somewhat) (ie with small)
with fungus: e

6687 *Carex scariosa* Schk. ditto
(b) in small with # 6685:
(one clump) e

6688 *Juncus effusus* L. var. *solutus* Torr. & Wieg. ditto
(b) with # 6685: very abundant:
dark green below (stems) lighter zone
of bluish near top. e

6689 *Carex squarrosa* L. ditto
(4) in small with # 6685: abundant here. e

6690

Bull Run Mt., Va
Fauquier Co.
pasture south of Aldie 5 miles
on #629 off #55
June 4, 1939
H.A. Allard

6691 *Polytrichum* ditto
" abundant on dry banks in woods
here. just mature.

Stellaria graminea L.

6692

(2) in low grassy
meadow: abundant, full bloom.
Especially in fields and meadows here. e

6693 *Gramineae, Anthatherum elatius* (L.) Nees ditto
(3) in open small in cult. ground; abundant e

6694 *Carex vulpinoidea* Michx. ditto
(4) in open small with # 6693. e

6695 *Juncus macrocarpa* S.F. Gray ditto
(4) with # 6693: abundant. e

6696 *Verbascum thapsus* L. ditto
" in open field: abundant, full flower
yellow or purplish. e

6697 *Carex vulpinoidea* Michx. ditto
(3) in open small. e

6698 *Verbena angustifolia* Michx. simplex L. ditto
(4) in open field: occasional.
Flowers purple; full bloom. e

Silene aethiops L.

6699 Low ground
swale, thick

(2) part: ~~part: thin~~
upper stems: very
viscid: stringy w/ when touched:
small insects caught. why

6700 *Oxalis stricta* L.

(1) (yellow)
In field: abundant.

6701 *Carex lurida* Wahl.

(5) (all from one clump.)
Low ground swale along brook
near wooded slopes: abundant. e

6701a = *Carex laevigata* (Kühn) Mack.

6702 *Carex lurida* Wahl.

(1) Near # 6701: abundant

6703 *Panicum clandestinum* L.

(2) On banks of brook in open swale.
abundant. e

6704 *Sagittaria arifolia* Wahl.

(3) In low, wet soil by brook
with # 6701: common. e

6705 *Panicum clandestinum* L.

(2) In low ground near
6703. e

Stellaria graminea L.

6706 In open swale: ~~part: west slope~~ 5 miles
very abundant. # 55. south of Aldie on # 629 off
(2) June 4, 1939
H.A. Allard. e

6707 *Gramineae*

(3) In low ground swale: very
abundant. = *Festuca elatior* L. e

6708 *Carex vulpinoidea* Michx.

(4) In low ground swale along brook. ditto
e

6709 *Juncus canadensis* J. Gay

(2) Near # 6708. ditto
e (too immature)

6710 *Carex lurida* Wahl.

(4) In swale along brook: abundant. ditto
e

6711 *Sagittaria arifolia* Wahl.

(4) In water (edge) along
brook near # 6708: abundant e
locally here.

6712 *Gramineae* = *Poa trivialis* L.

(2) On banks of brook near # 6708; ditto
abundant. e

Carex normalis Mack
In swale along
6713 brook; abundant.
(5)
Bull Run Mt. Va
Tangier Co.
west slope south of Aldie
5 miles. June 4, 1939
H.A. Allard; in open
fields, swales, pastures
etc here, to mountains.
e

6714 Carex vulpinoidea Mack
(4) In swale along brook near
woods: abundant; from same clump. ditto
e

6715 Carex normalis Mack
(8) In high pasture near woods ditto
e

6716 Panicum schauferatum Muhl.
(1) In woods on dry lower slope
of west ridge, west slope: abundant ditto
e

6717 Panicum barbatum Michx.
(1) In woods near # 6716. ditto
e

6718 Carex lasiophora Lam
(3) In woods near # 6716 ditto
e

6719 Polygonum angulare
(3) In bar way of corn field. ditto
full blown here; abundant.
var. vegetum Ledeb.
(Plants very large.) P. monspeliense Thiebaut.
e

Carex prasina Wahl. Alleghenies
Hardy Co., West Va.
On Wardenville road
west of Big Schloss, at
trail leading to Half Moon
Lookout. June 8, 1939
H.A. Allard. e
By trail from where
Trail to Half Moon Lookout begins.

6720
(2)
6721 Carex gracillima Schum.
(1) at bridge over run in wet
soil on trail from Wardenville highway
to Half Moon Lookout. ditto
e

6722 Carex stipata Muhl.
(3) with # 6721 ditto
e

6723 Carex scoparia Schk.
(1) with # 6721 ditto
e

6724 Carex prasina Wahl.
(1) with # 6721 ditto
e

6725 Carex hirsutella Mack
(2) with # 6721 ditto
e

6726 Carex scoparia Schk.
(2) with # 6721 ditto
e

Carex stipata Muhl. Alleghenies
at bridge in red Hardy Co., West Va
soil at Run June 8, 1939
6727 near highway. H.A. Allard.
On warden'sville road
in valley west of Big Schloss
on trail leading to
Half Moon Lookout.

6728 *Juncus effusus*
(3) with # 6727 var *Pylaei* (Laharpe) ditto
Temporary.

6729 *Gramineae*
in woods on trail to Half Moon Lookout. *Festuca obtusa* Spreng. ditto

6730 *Carex cephalophora* Muhl.
with # 6729 ditto

6731 *Arabis*
with # 6729 ditto
scattered along trail in woods etc.

6732 *Carex hirsutella* Mack
(4) all of trail near # 6729 ditto

6733 *Carex cephalophora* Muhl.
(1) near fence near warden'sville
highway on trail to Half Moon Lookout ditto

Asplenium montanum Willd. Alleghenies
on ledges of quartzite Hardy Co., West Va
June 8, 1939
6734 with # 6735; abundant. H.A. Allard
on trail from warden'sville
highway in valley just
west of Big Schloss to
Half Moon Lookout

6735 *Hydrophyllum virginianum* ditto
(2) By cliffs (quartzite) by roadside
in rich woods on highway to Lost River P.
from warden'sville - Perry West Va.
most office: full bloom.

6736 *Carex virescens* Muhl.
(3) Near # 6735 ditto

6737 *Lactuca vernalis* Muhl.
(2) Roadside on warden'sville Highway
near beginning of trail to Half Moon
Lookout. (has not started to eat)
Full bloom.

6738 *Oenothera* ditto
(2) Near # 6737

6739 *Carex pumila* Michx.
(4) in woods halfway between
warden'sville Highway and
Lost River P. O. (one dwarf) ditto

6740 *Erigeron philadelphicus* L.
(2) in opening in woods on trail
all of to Half Moon Lookout from
warden'sville Highway. Passing. ditto

Phlox ovata L. Alleghenies, West Va.
Hardy Co. June 8, 1939
H.A. Allard
In woods along high way, from
6741 warden'sville on warden'sville highway
west of Big Schloss.
abundant: fl. deep rose-pink showy

6742 *Aster trichomanes* L. ditto
On quartzite cliffs beyond
" # 6741

6743 *Polemonium van-dermeulenii* Britton ditto
woods near trail from
warden'sville Highway to
Half moon Lookout (roadside)
Past.

6744 *Carex vulpinoidea* Michx. ditto
at cliffs near # 6741

6745 *Carex communis* Bailey ditto
at cliffs near # 6741

6746 *Chamaelirium luteum* (L.) Gray ditto
(6) Low, damp rich woods
near beginning of trail to Half Moon
Lookout from warden'sville Highway.
Locally abundant here; full flower
hanging with drooping fine white spikes
6747 of rounded bladders.

(3) *Papaver dubium* L.
Roadside between Edinburgh
and Columbia Turnpike, Va. Shenandoah
(very common in Great Valley) June 8, 1939
H.A. Allard

Holcus lanatus L. Bull Run Mt. Va.
Tangier Co.
Roadside, at Berkeley June 8, 1939
6748 Mill, Thoroughfare Co. H.A. Allard
Full flower: very first record for
Bull Run area. scattered in the
Triassic from Aldie east etc. e

6749 *Houstonia tenuifolia* Nutt.
In Alleghenies near Dairs Hole Mt.,
on high way from Columbia Turnpike
to Perry P.O. West Va.: near abandoned
C.C.C. camp. June 8, 1939, H.A. Allard
Shenandoah Co., Va.: abundant; full flower.

6750 *Juncus effusus* Alleghenies, West Va.
(3) var. *myacoides* (L.) Torr. & Gray, West Va. June 8, 1939.
In wet soil Shenandoah
Co., H.A. Allard.
near base of Mt. Va., abundant (single)
at spring near top of Dairs Hole Mt. ridge
just before abandoned C.C.C. camp is reached.

6751 *Carex gynandra* Schreb. ditto
(3) at spring in wet soil with
6750

6752 *Panicum* ditto
(1) Road side bank near # 6750

6753 *Panicum* ditto
(3) Near # 6750

6754 *Panicum* ditto
(2) Near # 6750

Holcus lanatus L. Alleghenies, West Va.
Panicke pinkish purple, Hardy Co., June 8, 1939
very beautiful. H.A. Allard
6755 roadside near Perry P.O.,
" Perry P.O., West Va.

6756 *Carex scoparia* Schk.
(5) small by roadside near Perry P.O., ditto
West Va. abundant

6757 *Carex incompta* Bicknell.
(3) with # 6756 ditto

6758 *Carex swanii* (Tern.) Mack.
(7) In small with # 6756 ditto

6759 *Carex scoparia* Schk.
(5) with # 6756 ditto

6760 *Carex livida* Wahl.
(2) with # 6756 ditto

6761 *Carex scoparia* Schk.
(3) with # 6756. ditto

Scutellaria versicolor Nutt. Great Falls, Md.
offered as volunteer in June 15, 1939
day length studies of fern H.A. Allard
6762 *Asplenium platyneuron* from Great Falls, Md.
" 1938. (see data)
A long-day type of plant

6763 *Carex tribuloides* Wahl. Bull Run Mt., Va.
(5) (one clump) In Fannin Co.
damp soil by railroad near slope.
at Beverly Mill from Beverly Mill to
Broad Run station on
railroad June 18, 1939
H.A. Allard.

6764 *Carex tribuloides* Wahl.
(2) Near # 6763; same habitat. ditto

6765 *Carex vulpinoidea* Michx.
(3) wet soil by railroad at
Beverly Mill near # 6763 ditto

6766 *Anagallis arvensis* L.
(2) (Pimpernell)
abundant above Broad Run station
on R.R. bed; full flower: fl orange-red ditto

6767 Grassinal
(3) By railroad between Beverly Mill ditto
and Broad Run station
(May first record) ? *Agropyron repens* Beauv.

6768 *Morus rubra* L.
" By railroad above
Beverly Mill. ditto

Epilobium angustifolium L. Bull Run Mt., Va.
on Railroad near June 18, 1939
Broad Run Station. H.A. Allard
6769 on railroad from
Berkeley Mill to
Broad Run Station.
" "

6770 *Hemchora americana* L. ditto
" on rocky outcrops at
Thoroughfare Gap; abundant: full bloom
" "

6771 *Carex vulpinoidea* Michx. ditto
" net soil by railroad
above Berkeley Mill. " "

6772 *Oxalis stricta* L. ditto
" on railroad above Berkeley Mill
" "

6773 *Scirpus bulbostylis capillaris* (L.) C.B. Clapp. ditto
" on rail road above
Berkeley Mill and Broad Run Station,
net soil. " "

6774 *Oxanthora americana* L. ditto
" In Broad Run at
Thoroughfare Gap, a few just
in flower only. abundant. " "

6775 *Carex trituboides* Wahl. ditto
" by railroad at Berkeley Mill. " "

Juncus effusus Bull Run Mt., Va.
var. *solutus* Horn. & Sieg. June 18, 1939
on railroad, H.A. Allard
6776 net soil, at Thoroughfare Gap
" on railroad. " "

6777 Lichen ditto
" on bank of trail
at Trout Run where trail begins
" on forest road from Wadensville
where trail to Half Moon Lookout
begins at Trout Run.
H.A. Allard. " "

6778 Lichen ditto
" on trail to Half Moon Lookout
near Trout Run " "

6779 *Cladonia squamosa* (Scop.) Hoffm. ditto
" on bank near # 6778 " "

6780 *Cladonia squamosa* (Scop.) Hoffm. ditto
" on bank near # 6778 " "

6781 *Cladonia squamosa* (Scop.) Hoffm. ditto
" on bank on Sugar Knob
at about 3000 ft. on trail
from Trout Run. (collected June 25, 1939
same trail above) " "

6782 *Cladonia furcata* (Reindeer) ditto
" var. *naemosa* (Hoffm.) Hardy Co.,
on ground on trail from Trout Run
near Trout Run to Sugar Knob shelter.
June 22, 1939
in Wadensville road. H.A. Allard " "

Centaurea maculosa Lam Near Strasburg
on mts. on #55 from
east of railroad Front Royal, Va
6783 crossing; abundant Shenandoah Co
(3) this year; just in flower June 22, 1939
fl. pink H.G. Allard.

6784 *Panicum* At abandoned CCC camp
(2) at CCC camp on Devils Hole mt. ridge
near abandoned rest of Columbia Turnpike
at top of ridge on forest road to
road depends to Perry & Wardenville, West Va
Wardenville, West Va June 22, 1939
H.G. Allard.

6785 *Graminifera*
(2) Same CCC camp same
as #6784 ditto

6786 *Agrostis*
(1) In same red spot with #6785 ditto

6787 *Juncus marginatus* Rostr.
" with #6786 ditto

6788 *Juncus effusus* var. *pylaci* (Lohr) Terrell & Rydberg
(2) with #6786 ditto

6789 *Panicum*
(3) with #6786. ditto

Juncus secundus Beauv. at abandoned CCC camp
on top of Devils Hole mt. ridge
at CCC camp in small
6790 here. Wardenville, West Va
highway, June 22, 1939
H.G. Allard
Shenandoah Co.

6791 with #6790. ditto
(5)

6792 *Carex scoparia* Schreb.
(5) with #6790 ditto

6793 *Panicum*
(2) near #6790 ditto

6794 *Carex scoparia* Schreb.
(2) near #6790 ditto

6795 *Agrostis*
(2) near #6790 ditto

6796 *Carex lurida* Wahlb.
(4) with #6790 ditto

Oenothera
bl yellow. showy.
6797 In grassy vale
(4) woods near Trout
full bloom)
On trail from Trout Run
to Sugar Knob shelter in
Alleghenies, West Va., Hardy Co.,
June 22, 1939
H.G. Allard.
on Perry to Wardenville
highway.

6798 *Juncus effusus* at abandoned CCC
var. *solutus* Fern. & M. G. camp, Alleghenies
(2) In small
at CCC camp. near Sherandoval W. Va.
in Devils Hole mt. ridge
on Wardenville, West Va.
highway. June 27, 1939.
H.G. Allard

6799 *Lactuca*
bl. yellow. On trail well
up toward Sugar Knob:
just in flower. ditto

6800 *Carex blanda* Tenney
(2) Near Trout Run in woods ditto

6801 *Oenothera*
small yellow bl.
well up trail toward Half Moon
lead off ditto

6802 *Carex vulpinoidea* Michx.
(3) well up trail in small ditto

6803 *Carex Baileyi* Britt.
(2) In small near # 6802 ditto

Juncus effusus Alleghenies, West Va.
var. *solutus* Fern. & M. G. Hardy Co.
In small above Trout Run on trail from
Trout Run to Sugar Knob shelter
June 22, 1939
H.G. Allard.

6804 ditto
(1) at foot of trail at Trout Run
at Wardenville highway: full bloom.

6806 *Galium*
(3) Beside Trout Run ditto
where trail leaves Wardenville
highway: abundant; leaves white

6807 *Impatiens*
(3) white fl.) ditto
at beginning of trail from
Wardenville highway at Trout Run.
just in flower.

6808 *Circaea*
(2) Beside Trout Run where it ditto
(trail) leaves Wardenville highway.
bl. white.

6809 Lichen on low ground rocks (low), same trail to
near pond on Sugar Knob: but date
trail near Half Moon - June 25, 1939.
lead-off. H.G. Allard.

6810 *Saxifraga gregaria* Bicknell. ditto
(3) On trail 1 mile from
Trout Run: scattered in woods.

Sphagnum
at spring near
3000 ft on upper
6811 sketch of trail, on trail from Trout Run to
Sugar Knob shelter,
from Wardenville Road.
Alleghenies, West Va
Hardy Co., June 25, 1939
H.A. Allard

6812 *Nepetula*. ditto
On bank in deep, dark ravine
in woods from Sugar Knob Spring shelter
spring; just below spring.
Scapania undulata (L.) Dunn.

6813 *Sphagnum*. ditto
Near top of plateau in spring-fed
spot: *Sphagnum* height of 6-8 inches in
place smothering higher plants.

6814 *Sphagnum* ditto
with # 6813

6815 *Gramineae* ditto
31 At spring just below Sugar Knob
shelter.
A very beautiful spot - spring covered with
interrupted herbs etc.

6816 Moss ditto
At spring at Sugar Knob shelter;
on bank
Hypnum curvifolium Hedw.
plus *Bryhnia norae-angliae* (Eull. & Desq.) Grout.

6817 *Peltigera* (sibery gray) ditto
Moss with it
just below spring near # 6816

6817A = *Picramnia scoparium* Hedw. plus *Thuidium delicatulum* (Hedw.) Mitt
6817B = *Rhytidiadelphus squarrosus* (Hedw.) var. *slender form* + *Dicranum scoparium* Hedw. plus *Hylocomium brevicaule* (Beauv.) Bry. Eur.
6817C = *Thuidium recognitum* (Hedw.) Lindb. plus *Picramnia scoparium* Hedw. plus *Thuidium recognitum* (Hedw.) Lindb.

Juncus effusus
var. *solutus* Torr. Spring.
at Sugar Knob shelter on trail to Sugar Knob
spring at 3100 ft. shelter from Trout Run
by Wardenville highway
June 25, 1939
H.A. Allard
Alleghenies, West Va
Hardy Co.

6818 Moss. (reddish) - covered with shortphytes. ditto
On bank just below trickling brook
from spring.
Tetraphis pellucida Hedw.

6820 Moss ditto
with # 6819
Hygrohypnum norae-caesariae (Aust.) Grout.
defanferati

6821 Moss ditto
with # 6819
Tetraphis pellucida Hedw.

6822 Moss ditto
with # 6819
Bryhnia norae-angliae (Eull. & Desq.) Grout.

6823 Moss ditto
with # 6819
Protherella recurvans (Mx.) Fleisch.

6824 *Peltigera* (lichen) ditto
sibery gray.
(with # 6819, on soil)

Moss.

Alleghenies, West Va.

on wet bank by brook in dark Hardy Co.
ravine just below spring. June 25, 1939
6825 on top of Sugar Knob. H.A. Allard.
"stone shelter stands: 3100 ft alt. we reached
this on Trout Run trail from Wardenville

= *Thuidium delicatulum* (Hedw.) Mitt. plus
plus *Bryhnia norae-angliae* (Sull. & Lesq.) Grout. //

6826 Moss

" with # 6825

ditto

Thuidium delicatulum (Hedw.) Mitt. plus
Bryhnia norae-angliae (Sull. & Lesq.) Grout. //

6827 Moss

" with # 6825

ditto

Brotherella recurvans (Mx.) Fleisch
Tetraphis pellucida Hedw. and *Calyptogeia*
Cephalozia media Lindb. *messiana* (M. & C.) R. M.uell. //

6828 Moss

" with # 6825

ditto

Bryhnia norae-angliae (Sull. & Lesq.) Grout. //

6829 *Carex gynandra* Schum.

" with # 6825: also in ravine
below and along brook.

ditto

6830 *Carex scoparia* Schum.

" just below Sugar Knob shelter
" spring on trail to Little Stony Creek. //

ditto

6831 *Carex gynandra* Schum.

" with # 6830

ditto

(2) a large species with long, long spikes. //

Panicum

Alleghenies, West Va.

on plateau just above Sugar Knob June 25, 1939
6832 shelter; soil H.A. Allard.
" dry, sandy, stony. on trail from Wardenville
highway and Trout Run to
Sugar Knob shelter (5 miles)

6833 Panicum

Alleghenies, West Va.

"

ditto

6834 Moss

" on crevices beneath overhanging
" ledges at causeway near top of
Sugar Knob.

ditto

Plagiothecium Roseanum (Hampe) Bry. Eur. //

6835 *Carex debilis* var. *Rudgei* Bailey

very rare.
" (2) at springy spot on trail near
top of Sugar Knob - where deer tracks
seen in mud. //

ditto

6836 Panicum

" on trail (beginning) at Trout
Run; those found by roadside at
Trout Run in thickets etc.

ditto

6837 *Pyrola elliptica* Nutt.

" near top of Sugar Knob
" in damp woods; full bloom //

ditto

6838 *Anemone nemorosa* (L.) W. & A.

(2) near # 6837. abundant; full bloom. Gray
lower zone of corolla yellowish green;
middle purplish cream; upper (near bl.)
more white. //

Galium verum L. Near Romney, West Va.,
Hampshire Co. July 1, 1939
Self yellow flowered; some
some old hill pastures
6839 here with heavy growth. H.A. Allard
(2) saw it nowhere else.
Areas of this weed by roadsides and in
old fields, contributing a more deep yellow.

6840 variegated grass (infertile) near Davis, West Va.,
long. Tucker Co. July 1, 1939
(3) Escape in old bark yard; full bloom H.A. Allard.

6841 *Eriophorum virginicum* L. Davis, West Va.,
Tucker Co. July 2, 1939
Sedg. In bog along road cut at bridge
6-7 miles from Davis. H.A. Allard
Just in flower. Canadian valley, between
Brown and Cabin mts.
at head of Blackwater River.

6842 Graminae
(1) with # 6841

ditto

6843 *Carex vulpinoidea* Michx.
(3) In deep fog near # 6841
(all are infertile)

ditto

6844 *Carex gynandra* Schreb.
(1) Near # 6841, in fog

ditto

6845 Graminae
(1) In fog near bear dam; very
wet.

ditto

Lycopodium annotinum L. Canadian valley
west of Davis, West Va.,
1/2 mile below Beaverdam. 6-8 spikes near old
6846 (large shrubby) between Brown and Cabin
and sessile. mts. July 2, 1939
(1) H.A. Allard
Tucker Co.

6847 *Lycopodium clavatum* L. ditto
(1) with # 6846.
Drier, rocky banks etc.

6848 *Carex plumescens* (Pers.) Poir.
(2) Bog 1/2 mile below Beaverdam. ditto
almost making a pure area
of dense bog-like land.

6849 *Panicum*
(1) Near # 6848

ditto

6850 *Panicum*
(2) (large)
Near # 6848

ditto

6851 *Lycopodium clavatum* L. ditto
(1) Same as 6847

6852 *Lycopodium annotinum* L. ditto
(1) Same as # 6846
on drier ground on ridge
covered with scrubby wood.

Juncus effusus
In bog 1/2 mile below
beaver pond.
6853
" var. *solutus* Fern. &rieg.
Canaan valley east of
Davis, West Va. 6-8 miles
between Brown and Cabin Mts.
July 2, 1939
H.A. Allard.

6854 *Crataegus*
Large, tree like at bridge in
swamp 1/2 mile west of beaver dam.
fruit green.
ditto

6855 *Carex canescens* var. *disjuncta* Fern.
" In swamp with # 6853
ditto

6856 *Juncus macrocarpa* S.F. Gray.
" In wet soil at beaver pond.
ditto

6857 *Juncus macrocarpa* S.F. Gray
" with # 6856
ditto

6858 *Juncus leptalea* Wahl.
" Near # 6856
ditto

6859 *Gramineae*
" Fine, reddish, bluffy,
at beaver pond near 6856.
ditto

Potentilla
In higher ground near
beaver pond.
6860
" Canaan valley, West Va
east of Davis 6-8 miles
between Brown and
Cabin Mts., Tucker Co
July 2, 1939
H.A. Allard.

6861 *Carex pectinatus* Rudge
" In wet soil at beaver pond
ditto
6861a = *Carex folliculata* L.

6862 *Juncus effusus*
" at beaver pond in wet soil
var. *solutus* Fern. &rieg.
ditto

6863 *Galium*
" In damp brushy woods at
beaver pond.
ditto

6864 *Saxifraga atrorubens* Fern.
" with # 6862
(wet soil)
ditto

6865 *Carex debilis* var. *Rudgei* Bailey
" with # 6862
(wet soil at beaver pond)
ditto

6866 *Carex baileyi* Britt
" one clump; with # 6865
ditto

Mass
At spring in heavy woods on
6867 slope of Brown Mt.,
Trucker Co.; July 2, 1939
H.A. Allard.
Anomodon attenuatus (Hedw.) Huebner.

6868 Mass
|| with # 6867 ditto.
Thuidium delicatulum (Hedw.) Mitt.

6869 *Veronica americana* Schrein.
|| On hook bank near beaver dam. ditto

6870 *Galium*
|| In moist woods (second growth) near beaver dam. ditto

6871 Mass
|| On log near 6867 ditto
Hypnum imponens Hedw.

6872 *Lycopodium*
|| In cinders of old lumber railroad at beaver dam. ditto

6873 Mass
|| In heavy woods above Cooper's Cabin near # 6867 ditto.
Dicranum fuscescens Turn.

Mass In Canaan valley
In woods above east of Davis, West Va., 6-8
Cooper's Cabin on miles, between Brown
6874 slope of and Gabins Mts.; July 2, 1939
Trucker Co.; H.A. Allard.
|| Brown Mt., near # 6867
Mnium medium Bry. Eur.
plus *Brachythecium oxycladon* (Brid.) J.P.S.

6875 Mass
|| In same woods near # 6874 ditto
Brachythecium risulare Bry. Eur.

6876 *Carex scabrata* Schrein
|| On wooded slope of Brown Mt., above Cooper's Cabin at spring. ditto

6877 *Galium*
|| with # 6876 ditto

6878 *Hemlock*
|| In woods with # 6876 ditto

6879 *Carex scabrata* Schrein
|| In woods with # 6876 ditto

6880 *Gramin* al
|| At spring above Cooper's Cabin with # 6876.

Allium triocum (ramps)
 6881 In moist heavy woods on slopes of Brown Mt.; very abundant: no leafage; just in bloom (see notes of trip: clumps with 25-39 bulbs.)
 July 2, 1939
 H.A. Allard.

6882 *Carex intumescens* Rudge
 (2) In woods at spring above Cooper's Camp on slope of Brown Mt.
 ditto

6883 *Gramineae*
 (2) on ridge of Brown Mt. above Cooper's Camp in heavy woods.
 ditto

6884 *Carex radiata* (Wahlb.) Deney
 (1) at spring on Brown Mt. slope above Cooper's Camp, in woods.
 ditto

6885 Moss
 (1) on log at spring above Cooper's camp near #6884
 ditto

6886 Moss
 (1) on rock in water at spring brook above Cooper's camp near #6885
 ditto

6887 Moss: *Brachythecium recurvum* (N.) F. Schreb.
 (1) with #6886
 ditto

#6887a. with 6886
 = *Brachythecium viridulae* Bry. Eur.
 ditto

Allium triocum
 with #6881
 6888 (2)
 In Canaan Valley east of Davis, West Va. 7-8 miles between Brown & Cabin Mts., at head waters of Blackwater river. Tucker Co.; July 2, 1939
 H.A. Allard.

6889 *Carex laxiflora* (L.) (too old)
 (2) In dense woods near #6881
 ditto

6890 *Carex communis* Bailey
 (1) near #6881
 ditto

6891 *Carex intumescens* Rudge
 (2) In rich woods with #6881
 ditto

6892 *Carex communis* Bailey
 (4) On slope of Brown Mt., in dense woods with #6881
 ditto

6893 *Carex intumescens* Rudge
 (1) with #6881
 ditto

6894 *Mitchella repens*
 (1) with #6881
 (full bloom)
 ditto

Carex leptomeria Torr. In Canaan valley
(new to West Va.) east of Davis, West Va., 7-8
miles, between Brown
and Cabin Mts. Tucker Co
6895 In dense woods on July 2, 1939. H.A. Allard.
141 slope Brown Mt. at head waters of Blackwater
above Cooper's Cabin.

6895a = *Carex intumescens* Rudge.

6896 *Cyperus Scirpus atrovirens* Muhl. ditto
11 Beyond Beaver dam
in red soil

6897 *Gramineae* ditto
31 red marsh beyond Beaver dam
abundant in swamps here
purplish panicles; attractive.

6898 *Carex scariosa* Schk. ditto
11 In red soil beyond
Beaver dam near # 6897

6899 *Cyperus Scirpus atrovirens* Torr. ditto
21 In swamp with # 6897

6900 *Cyperus Scirpus atrovirens* Muhl. ditto
11 In swamp with # 6897

6901 *Carex scariosa* Schk. ditto
21 with # 6897

Cyperus Scirpus atrovirens Torr. In Canaan valley
east of Davis, West Va., 7-8 miles
between Brown & Cabin Mts.,
Tucker Co
6902 In swamp at Beaver dam. July 2, 1939. H.A. Allard

6903 *Pitca prostratum* L'Hér. ditto
11 (spunk curant, fr. red)
on rocks & ridges
near Beaver dam.

6904 *Hieracium aurantiacum* L. ditto
11 In swamp at foot of
at end of passable road
before Beaver dam is reached.
Full bloom: very abundant.

6905 *Carex scariosa* Schk. ditto
11 In swamp near 6902

6906 *Polemonium van-bruntiae* Britton ditto
31 fl. blue.
In damp soil near
beaver dam, in
thicket: fl. blue: showy

6907 *Carex debilis* var. *rudgeri* Bailey ditto
31 In swamp near Beaver dam

6908 *Carex folliculata* L. ditto
141 In swamp near # 6907

Graninal
In swamp
at end of
hassable
6909 (1) road at
beaver dam.
In Canaan valley
end of Davis, West Va., 7-8 miles
between Brown & Cabin mts.,
Trucker Co., July 2, 1939
H.A. Allard. At head waters of
Blackwater river. An immense
swampy area, low, cut over
spruce area, ~~ditto~~

6910 *Lycofodium clavatum* L ditto
(1) on drier bank near beaver
pond in thickets - below it 2 miles ~~ditto~~

6911 *Lycofodium obscurum* L ditto
(1) Near # 6910 ~~ditto~~

6912 *Lycofodium annotinum* L ditto
(1) Near # 6910 ~~ditto~~

6913 *Carex humilis* (Pers.) Poir. Alt 4860 ft.
(1) at boulders at Pendleton County. July 3, 1939
top? in pasture. H.A. Allard ~~ditto~~

6914 *Carex intumescens* Rudge ditto
(2) with # 6913 ~~ditto~~

6915 *Carex humilis* (Pers.) Poir. ditto
(6) with # 6913 ~~ditto~~

Carex depilis var. *viridula* T. of Spruce Knob,
at conglomerate boulders at top. Pendleton Co., West Va.
6916 (2) in pasture July 3, 1939. alt 4860
H.A. Allard
Bailey. ~~ditto~~

6917 *Carex intumescens* Rudge. ditto
(2) with # 6916 ~~ditto~~

6918 *Carex stipitata* Muhl. ditto
(1) in pasture near # 6916 ~~ditto~~

6919 *Oxalis acetosella* ditto
(1) in woods on trail near top:
abundant, full flower. ~~ditto~~

6920 *Phlox paniculata* L ditto
(1) in thicket on trail from parking
near; showy; fl. deep rose. ~~ditto~~

6921 *Aconitum macratum* L ditto
(1) near # 6920 in thicket
fl. blue ~~ditto~~

6922 *Asplenium platyneuron* (L.) Oakes ~~ditto~~
(1) on ledges at River Knobs,
between the vertical walls. near Crippleville, West Va.
Pendleton Co.
July 3, 1939
H.A. Allard. ~~ditto~~

Paronychia angustifolia Nutt. (Michx.)
on top of
6923 pinnacle
" of vertical
rocks here,
Nelson Rocks, near
Circleville, West Va., on the
River Knobs, where are vertical
Medina sandstone walls
July 3, 1939. Pendleton Co.
H.A. Allard.

6924 Moss
" in rocks crevices at top
near 3000 ft
= *Gymnostomum recurvirostrum* Hedw.
ditto

6925 *Carex foena* Willd.
" Near top of vertical Medina
rocks at base of mts; rare here.
ditto

6926 *Lycopodium obscurum* L.
" among rocks
around top.
alt. =
Dolly Sods Lookout,
near Petersburg,
Pendleton Co., West Va.
July 3, 1939
H.A. Allard

6927 *Lycopodium obscurum*
" ~~*amblyopteris*~~
" ~~*amblyopteris*~~
" ditto
" Near # 6926

6928 *Juncus macrocarpa* (Wieg.) Hermann
" s. *anthelatus* (Wieg.) Hermann
Roadside, by roadside,
spring.
at Lost River,
West Va.,
July 3, 1939
H.A. Allard

6929 *Cestanea maculosa* L.
" Roadside; very
abundant; also very
abundant at Strasburg
bl. pink-rose; just in bloom.
Near Marshall, Va.
Fauquier Co.
July 3, 1939
H.A. Allard.

Carex vesicaria L.
In damp soil around
S. end lake;
6930 very common.
" Large clumps.
Lake Matagamon, Maine
Tanglefoot, Range 8,
west of Patten 30-35 miles
July 8, 1939
H.A. Allard

6931 *Carex arctata* Boott.
" Near # 6930; same habitat.
ditto

6932 *Carex tribuloides* Wahl.
" Near # 6930; same habitat.
ditto

6933 *Carex cranfordii* Fern.
" with # 6930
ditto

6934 *Carex cranfordii* Fern.
" with # 6930
ditto

6935 *Carex bettarii* Olney
" with # 6930
cranfordii Fern
ditto

6936 *Carex cranfordii* Fern.
" with # 6930
ditto

Carex purfordii Fern. Lake Matagamon Maine
South end near Township 6, Range 8
6937 *Fosteria* (guide) west of Patten 35-40 miles
" where we parked. July 8, 1939
H.A. Allard.

6938 *Carex lenticularis* Michx.
13) with * 6937 ditto

6939 *Spergula arvensis* L. Near Lincoln, Maine,
12) In waste ground Lincoln Township
around tourist (on road to Patten)
cabin July 8, 1939
H.A. Allard

6940 *Potamogeton* ~~gramineus~~ ^{gramineus}
water plant ditto
11) attached to rocks basally in cays Muench
water 3 ft deep opposite Ranger's
cabin we stayed in on Anchor Point.

6941 Moss Horse Mt., called by
11) on rocks at top. natives, Horse Ass Mt.,
at South end of Lake Matagamon
Township 6 - Range 8. July 9, 1939
H.A. Allard.

6942 *Fragaria vesca* L. var. *americana* Parter ditto
11) on cliffs at top of Horse Mt.,
just ripe: fruit elongate. Doesn't look
like the Virginia wild strawberries.

6943 *Arabis hypnoides* Hoffm. ditto
11) on top of Horse Mt.

Potentilla ^{monspeliensis} ~~cheamensis~~ Horse Mt., Maine,
South end of Lake Matagamon,
Township 6, Range 8
6944 July 9, 1939.
H.A. Allard.
11) on slide near base of vertical east cliffs.

6945 *Campanula rotundifolia* L. ditto
11) on rocks, well up on slide and
out of just coming into flower; blue.
var. *intercedens* (Witasek) Fernald.

6946 *Carex brunnescens* (Pers.) Poir. ditto
11) on rocks at top, thin soil,
little herbage.

6947 *Hieracium* ~~monspeliensis~~ ^{vulgatum} Fries. ditto
11) In fern thickets at head of
ravine I climbed. Found it
only occasional at base: abundant
on top of North Traveller,
Horse etc. in places: leaves
mottled; sometimes not.

6948 *Kalmia angustifolia* L. ditto
11) abundant at top, making
thicket with low hanging blueberry ch:
full bloom

6949 *Sphagnum* ditto
11) In low swards - collecting
surface at top.

6950 *Lycopodium clavatum* L. ditto
11) In woods everywhere, and
at top: abundant.

Campanula rotundifolia L., Horse Mt., by people
here known as Horses Mt.
(on rocks, ledges maine, south end of Lake
etc at top. Matagamon Township Range 8
6951 very abundant July 9, 1939. H.A. Allard.
(1) in shade; bluish blue; full bloom about
July 20: just in bloom today.
var. *intercedens* (Witasek) Fernald.

6952 *Erigeron philadelphicus* L.
(1) In open rocky woods east slope
middle; not abundant here; full
bloom; very attractive. ditto

6953 *Lycopodium annotinum* L.
(1) In woods east slope and below
opposite camp. ditto

6954 *Lycopodium clavatum* L.
(2) In woods at base; abundant. ditto

6955 *Linnaea borealis* var. *americana* (Torrey) Reiche
(1) In thickets east slope; passing. ditto

6956 Water plant - fine, rounded
(1) leaves: in Lake Matagamon, 4 ft
deep near shore, at Anchor Point. ditto

6957 *Carex arcta* Booth
(2) South end of Matagamon Lake
just east of our camp in Anchor Point
towards guide Foster's camp. ditto

Carex prosecta Muhl. Horse Mt., Maine
In low ground south end of Lake Matagamon
east of Cabin and Township 16 Range 8
6958 guide Foster's July 9, 1939. H.A. Allard.
(1) beside lake northern Penobscot Co.
Matagamon: abundant.

6959 *Lycopodium clavatum* L.
(1) In thickets and woods; abundant. ditto

6960 *Lycopodium tristachyum* Pursh
(2) woods: common.
Top of mountain ditto

6961 Gramineae.
(1) In thin rocky soil on top
of Horse Mt.
= *Agrostis hiemalis* (Walt.) B.S.P. ditto

6962 *Potentilla tridentata* Ait.
(1) on barrens on top of Mt.
very abundant; full bloom. ditto

6963 *Chiogenes hispidula* (L.) T. & G.
(1) On rocks on top: shrubby vine
with flowers yellow. ditto

6964 *Santellaria galericulata* L.
(1) In damp soil east of
cabin (Anchor Point) and Foster's.
abundant here. ditto

Finagaria
on diffe at top.
6965
Top of Horse Mt., Maine
Township 6, Range 8
South of Lake Matagamon,
July 9, 1939. H.A. Allard.

" *Fi. vesca* L. var. *americana* Porter.

6966 *Aeflemium trichomanes* L.
" on diffe at top. ch ditto

6967 *rodzia ibensis* (L.) R Br.
" on talus at base of rd
exposed. ditto

6968 *Chenopodium*
" on soil of upper talus slope, east. ditto
= *C. gigantospermum* Allen.

6969 *Brassicaceae* = *Arabis drummondii* A. Gray.
" near top on cliffs ditto
fl. bluish white

6970 *Gramineae*
" Foot of talus slope ditto
= *Agropyron repens* (L.) Beauv.

6971 *Hieracium vulgatum* Fr.
" on open hill, tuffe rocks ditto
east of road where has stayed
basal leaves not matted perhaps
because in shade. Usually grows
high up on the mountains here.

Juncus filiformis L. Sutherland Lake Matagamon,
In wet soil near Lake Townsh. Range 8
margin
6972 (abundant)
July 9, 1939
H.A. Allard.

6973 *Ranunculus flammula* L.
" var. *reptans* (L.) Mey. ditto
In wet soil at and on the lake
margin: very abundant, full bloom.
fl. yellow, tiny. ^{sculp Mnemichs,}
of Cornell.

6974 *Carex cincta* Lam.
" Near # 6973; damp soil on
lake's margin. ditto

6975 *Galium polytrichum* L.
" on low ground with # 6973 ditto
fruit 8 in cross section
= *G. trictorum* L. = *humate*.

6976 *Carex trichomanis* Booth.
" Near # 6973 ditto

6977 *Veronica scutellata* L.
" with # 6973: fl. purplish:
very abundant. ditto

6978 *Carex cranfordii* Fern.
" In damp soil with # 6973 ditto

Carex *parvula* Booth. South end of Lake Matagamon,
Maine. July 9, 1939
In damp soil Township 6 Range 8
6979 at lake margin H.G. Allard
(2)

6980 *Carex* *trifurcata* Wahlb.
(2) In damp soil at lake margin.
ditto
e

6981 *Carex* *lenticularis* Michx.
(2) with # 6980
ditto
e

6982 *Brassicaceae*
(1) Near # 6980
ditto
bl. yellow.

Rorippa *inlandica* (Weder) Borbas var. *hispida*
(2) (Dier.) Butten
6983 *Carex* *retrofracta* Schumacher
(1) Near # 6980
ditto
e

6984 *Lycopodium* *claratum* L.
(1) In woods here fairly rare.
ditto
e

6985 *Carex* *parvula* Booth.
(1) Near # 6980
ditto
e

Carex *lenticularis* Michx. South end of Lake Matagamon,
Maine, Township 6 Range 8
July 10, 1939. H.G. Allard

6986
(1) In damp soil on lake
margin in large clumps:
abundant
e

6987 *Carex* *retrofracta* Schumacher.
(1) Near # 6986.
ditto
e

6988 *Carex* *vesicaria* L.
(3) In large clumps: with # 6986:
abundant
ditto
e

6989 ~~*Carex*~~ *juncea* Mauer
(1) with # 6986 f. *williamsii* (Tern.) Heermann
ditto
e

6990 *Luzula* *multiflora* (Ehrh.) Lejeune
(1) affinis
with # 6986
ditto
e

6991 *Juncea* *mauer* S. F. Gray,
(2) with # 6986
ditto
e

6992 *Ranunculus* *hemisphaericus* L.f.
(1) Near # 6986 date July 13
ditto
e

Patentilla palustris (L.) South end of Lake Matagamon
Township 6 Range 8
July 13, 1939
6993 In bog south of lake
(2) bl. purplish.

6994 *Peltigera*

(1)

(lichen)

In damp ravine
east slope.

Horse Mt., Maine
South end of Lake Matagamon,
Township 6 Range 8
July 13, 1939
H.A. Allard

6995 *Carex prostrata* Michx.

(2)

Road side, damp soil foot of
east slope

ditto

e

6996 *Saxifraga atrocinctus* Fern

(2)

In bog near # 6993

ditto

e

6997 *Gramineae*

(1)

Top of mountain in hollow
with damp soil and sphagnum

ditto

Calamagrostis canadensis (Michx.) Beauv.

6998 *Saxifraga spicata* (L.) Beauv.

(1)

Thin soil at crest of mt.,
beyond ravine I climbed

ditto

6999 *Gramineae*

(2)

on top of mountain near # 6998.

Poa flava Vahl.

Andromeda glaucophylla Link.
In bog near Stacyville. July 14, 1939
7000 in Stacyville Plantation.
(1) Calet w. Scribner

7001 *Juncus filiformis* L. Matagamon Lake, Maine
Township 6 Range 8
July 14, 1939

(3)

on beach on
ledge island, a
small island near
the ranger's cabin at Anchor Point

7002 *Pyrola secunda* L. on trail to Billfish Pond,
Maine, Township 6, Range 8

(2)

In moist woods. July 14, 1939
H.A. Allard

7003 *Lycopodium annotinum* L.

(3)

In moist woods by trail

ditto

7004 *Linnaea borealis*
var. *americana* (Turcz.) Rehd.
(1) ditto

near 7002

7005 *Cirsium arvense*
var. *muticum* Michx.
(1)

wet ground.

South end of
Lake Matagamon,
near Ranger cabin
and Truster's
July 14, 1939
H.A. Allard

7006 *Carex aleutica* Jaeg. var. *stricta* (L.)

(2)

near # 7005 - base of
marked car near Truster's cabin

Hieracium vulgatum ~~marginatum~~ ^{Trison} trail to Billfish Pond,
Maine, near Billfish Mt.
Township 6 Range 8

7007 Leaves not
(3) mottled. July 15, 1939
H.A. Allard.

In open paperbark-huckleberry woods,
common in high elevations esp. full
bloom.

7008 *Lycopodium clavatum* L
(3) woods. ditto

7009 *Urtica*
(1) smooth stipes
on ledge on Billfish Mt at
Billfish Pond. ditto

7010 *Quercus macrocarpa* (Marsh) Ashe.
(1) *Quercus rubra* L. at Smith end of Lake
Maine, near Matagamson
abundant everywhere dam. July 16, 1939
the only oak seen. H.A. Allard
Township 6 Range 8.

7011 *Pyrola elliptica* Nutt.
(1) woods along East Branch of
Penobscot below Matagamson dam.

7011A *P. rotundifolia* L. var. *americana* (Sweet) Fern.
H.A. Allard. July 16, 1939
full bloom.

7012 *Dactylis glomerata* L
(1) Roadside - scarce here. ditto

7013 *Scutellaria galericulata* L
(2) Low ground near Trasteria.
full bloom: abundant. ditto

Junco maer S.F. Gray, East Branch of Penobscot
at Smith end of Lake Matagamson
near old dam, Township 6, Range 8
7014 dam, July 16, 1939
H.A. Allard. e

7015 *Carex crassifolia* Fern. ditto
(1) wet ground near River.

7016 *Saxifraga lucida* Muhl.
(2) common in low ground. ditto
erect, glandular serrate.

7017 *Spirea latifolia* (L.) Persh.
(2) abundant; full bloom. ditto

7018 *Carex intumescens* Rudge
(1) with # 7014 ditto

7019 *Carex stipitata* Muhl.
(2) Near # 7014 e ditto

7020 *Sanicula marilandica* L.
(2) waste ground. ditto

Oenothera pinnatifida L. South end of Matagamon Lake, Maine.
In thickets by East Branch below old dam
7021 of Penobscot. Township 6 Range 8
July 18, 1939
H.A. Allard.
" Full flower.
= *O. tetragona* Roth. var. *longistipitata* (H.A.) Allard.
aleutica Jacq. var. (Pennell) Munz.

7022 *Gemma strictum* (Ait.) Fern. ditto
(5) In low ground thickets below
dam: fl. yellow: receptacle
white hairy

7023 *Aster ~~caeruleus~~ belgicus* L. North Traxeller Mt.,
east slope, above
" *madula* Ait. middle Traxeller Pond.
just in flower at
waterfall: violet rays. Maine, July 19, 1939
H.A. Allard.
= Township 5 Range 9
Porter Frequent

7024 *Carex flacca* L.
" at waterfall near # 7023 ditto
In water and mud here on cliffs.

7025 *Solidago autleri* Fernald ditto
" On crest of mountain where little
other vegetation - an open formation:
just in flower.

7026 *Panicum boreale* Nash.
" on gravelly bank of Middle Traxeller Pond
at lower to. July 19, 1939

7027 *Cladonia*?
" with # 7026: on rocks.
7-19-39.

Trifolium collitric Charn. North Traxeller Mt.,
on wet soil at base. Maine
waterfall on cliffs. Middle Traxeller Pond.
7028 very abundant July 19, 1939
" here, beautiful. H.A. Allard
= Township 5 Range 9.
Scirpus hudsonianus (Michx.) Porter frequent

7029 *Cornus canadensis* L. ditto
" In orig. spruce forest high up
in ravine, east slope: just in flower
here: with ripe fruit below.

7030 *Phragmites dryopteris* L. & C. ditto
" with # 7029: in dense, dark
woods, moist

7031 Graminae ditto
" In open woods, east slope below
spruce forest.
= *Cinna latifolia* (Trenk.) Griseb.

7032 *Lycopodium clavatum* L. ditto
" In rocky woods half way
to the spruce forest.

7033 C = *C. cristatella* f. *beauvoisii* (Bl.)
Maine.

7033 Lichen ditto
" On soil on rocks
Cladonia?
7033 a = *Cladonia* = *C. gracilis* var. *dilitata* (Hoffm.)
7033 b = *Cladonia* = *C. deformis* f. *beauvoisii* (Bl.)
Maine.

7034 Mosses ditto
" On log in spruce forest
in Big Black Ravine.

Lichen
(dark yellow)

7035

On shrub log
on top of mt.

North Traveller Mt., Maine
Baxter Beggs
Township 5 Range 9
July 19, 1939
H.A. Allard.

7036

Lycopodium annotinum L.

ditto

"

on top of North Traveller Mt
in thicket.

7037

Sphagnum

ditto

"

at water fall far up east slope
with # 7028

7038

Gramineae: Poa glauca Vahlb.

ditto

"

on gravelly soil around
exposed cliffs.

7039

Arnica mollis Hook

ditto

"

at high water fall with
7028: not abundant; full
blown.

7040

Gramineae

ditto

"

at top of North Traveller in moist
spots around cliffs: very beautiful
Calamagrostis canadensis (Michx.) Beauv.

7041

Habenaria dilatata (Pursh.) A. Gray.

ditto

"

bl whitish: growing in moist
soil at water fall high up east slope
of North Traveller with # 7039.

At confluence of Billfish Brook
water plant, and East Branch of Penobscot
blechy, dark green Township 6 Range 8,
near Matagamon Lake,
July 29, 1939. H.A. Allard.
7042 attached at base.

Spongilla lacustris
(auctorum)

(out of order in date
by mistake).

7043

Juncus macrocarpus Gray. South end of Matagamon
Lake. Township 6 Range 8
July 12, 1939. H.A. Allard.

"

In red soil in
plate between camp and Foster's
(out of date order by
mistake)

7044

Hieracium vulgatum Turcz

"

In woods on ridges toward
Horse Mt. from our camp.

ditto ditto

7045

Solidago hispida

at Middle Powder Pond
near Traveller Mt.,
July 18, 1939
H.A. Allard

"

on rocky bank. (Poter)
Township 5 Range 9

7046

Thalictrum polygamum Muhl.

"

Near # 7045 - damp soil /

ditto

Says M. Muench

7047

Juncus baccandatus (Engelm.)

"

on red shore of pond.

ditto

Hern.

7048

Lycopodium americanum Muhl

"

Near # 7045: abundant.

ditto

Juncea
 In red soil on
 7049 shore
 Middle Towler Pond,
 Maine, at foot of
 North Traveller Mt.
 Township 5 Range 9
 July 18, 1939
 H.A. Allard

" "
J. brevicandatus (Engelm.) Fern.

7050 *Panicum boreale* Nash,
 seeds glistering white
 on bank near leanto. ditto

7051 *Antennaria canadensis* Muhl.
 on bank at leanto. ditto

7052 *Carex lenticularis* Michx.
 on bank near # 7051
 M. newches.
 Cornell, ditto

7053 *Carex cryptolepis* Mack.
 on shore of pond near # 7051 ditto

7054 *Polygonum ^{matans} ~~confertifolium~~* L. on shore (Loag)
 # 1 In mud & water Lake Matagamon, Maine
 (7) full bloom: blue deep rose. July 21, 1939
 Thoreau Island H.A. Allard.
 formerly known as Long Island, perhaps
 has 60 acres in woods: Thoreau
 camped here. T 6 Range 8

7055 *Carex lasidactyla* Phil.
 on rocky shore ditto

Rufus
 first bright red when
 ripe. Pleasant.
 7056 In woods.
 Thompson Island,
 Lake Matagamon, Maine
 July 21, 1939
 H.A. Allard.
 Township 6 Range 8

R. pubescens Raf.

7057 *Galium asprellum* Michx. ditto
 on rocky soil on beach.

7058 *Moss*
 on rock on beach. ditto
 Leaf tips white, harsher like.
 (Very pretty species.)

7059 *Asopogon subsecundum* (Link.) Hitch.
 (Gramineae)
 on rocky beach & on cliffs. ditto

7060 *Urtica ulmifolia* (L.) R. Br.
 on cliffs: abundant here. ditto

7061 *Rumex crispus pennsylvanicus* L.f. ditto
 on rocky bank.

7062 *Acer rubrum* L.
 in woods: abundant. ditto

~~afocynum~~
androsacmifolium L. ^{Therac Island}
Lake Matagamon, Maine
Township 6 Range 8
7063 abundant on July 21, 1939
" beach: ~~erect~~ H. G. Allard
in Maine: full flower.

7064 *Salix cordata* Muhl.
" damp soil, on beach: many triple
inflorescent

7065 Gramineae.
" on rocks on beach
Purple panicles: atheris
= *Poa palustris* L.

7066 *Salix cordata* Muhl.
" on beach: abundant

7067 *Carex crassifolia* Fern.
" on beach

7068 *Salix pellita* Anders.
" on beach: dense white silky
beneath

7069 *Acletois incarnata* L.
" Large colony on south beach.
full flower: very showy with deep
red fl.

Rumex
on beach.
7070
" *R. britanica* L. possibly, but sterile
says Muescher.

7071 Brassicaceae ditto
" on beach near # 7070
fl. yellow.
= *Rorippa islandica* (Oeder) Borbas var. *hispida* (Desv.)
Bentzen & al.
7072 *Arctostaphylos uva-ursi* L. Spreng ditto
" on rocky beach.

7073 Gramineae ditto
" (3) on beach - scattered -
narrow, slender spikes, like timothy.
= *Alopecurus aequalis* Sobol.

7074 *Anaphalis margaritacea* ditto
" on beach: abundant: just in flower

7075 *Phyopteris polypodioides* Fee ditto
" (2) in woods.

7076 *Galium tinctorium* L. ditto
" (2) on beach:

Vaccinium canadense Kaln. On Thoreau Island,
In woods: abundant
7077 fr. ripening. T 6 R 8
July 21, 1939
H.A. Allard

7078 ~~*Antitaphylax*~~ *saemai* (?) Strong
In woods: fruit ripening.
Vaccinium vitis-idaea L.

7079 *Carex tuckermanni* Bratt.
(2) on beach: clumps: abundant.

7080 *Scutellaria galericulata* L.
(2) On beach:

7081 *Hypericum virginicum* L.
On beach:
(plants almost crimson throughout)

7082 *Carex cranfordii* Fernald
On beach

7083 *Sim. cuneataefolia* L.
On beach: sparse Walt.
fl. white.

Aster ericoides ?

7084 on beach
(2)

= *A. tradescanti* L. says Blake, S.F.

7085 *Brassicaceae*
On beach

Cardamine parviflora L. var. *arenicola* (Britt.)
O.E. Schulz.

7086 *Lysimachia terrestris* (L.) B.S.P.
(1)

On beaches, damp soil.
very showy in dense areas.

7087 *Adiantum alpestre*
On wooded banks.
(777) In tundra.

7088 *Carex haydenii* Deney
On beach

7089 *Carex lenticularis* Michx.
(1) Near # 7088

7090 *Juniperus communis*
var. *depressa* Pursh.
(1) on rocky tundra.

On Thoreau Island
Lake Umbagog, Maine
T 6 R 8
July 21, 1939
H.A. Allard

Arctostaphylos uva-ursi L. On Thoreau Island,
Lake Umbagog, Maine
7091 on rocky bank. T6 - Range 8, July 21, 1939
H.A. Allard.

7092 *Juncus filiformis* L.
" on bank: abundant

7093 *Carex crassifolia* Torr.
" on bank

7094 *Carex crassifolia* Torr.
" on bank

7095 *Sentellaria gabriellata* L.
" on bank

7096 *Sisyrinchium atrovirens* Torr.
" on bank

7097 *Cornus stolonifera* Michx.
" on shore *racemosa* L.

Antennaria 2

7098 On rocky shore, Lake Umbagog, Maine
July 21, 1939
H.A. Allard.

(4) = *A. tradescanti* L. says S.F. Blake.

7099 *Epilobium coloratum* L. ditto
" on bank
= *E. glandulosum* Lehm. var. *adenocaulon*
(Hauke) Torr.

7100 *Campanula rotundifolia* L. ditto
" on rock.
var. *intercedens* (Watsch) Torr.

7101 *Hypericum virginicum* L. var. *fraseri* (Speg.) Torr.
" on bank: plants red. ditto

7102 *Mentha arvensis* L.
" on bank ditto

7103 *Sium cicutaefolium* L.
" on bank = *S. suave* Walt.

7104 *Potentilla montfoliensis* L. ditto
" on bank

Spiraea latifolia (L.) Poir. In Thoreau Island
on beach. In Lake Matagamon, Maine,
7105 T6 R 8, July 21, 1939
(1) Full bloom H.A. Allard

marsh.
7106 *Rosa palustris* junction of Millfish Brook
(3) In swamp: with East Branch of Penobscot,
full bloom Maine, near Lake Matagamon
T6 R 8, July 22, 1939
H.A. Allard

7107 *Myrica gale* L. ditto
(1) In swamp.

7108 *Scirpus atrocinctus* Fern. ditto
(1) In swamp with # 7107

7109 *Solidum canadense* (L.) Rostk. ditto
(5) In mud along brook

7110 *Carex cryptolepis* Mack. ditto
(10) In red soil by brook
(10)

7111 Gramineae ditto
(1) In moist soil along brook
= *Calamagrostis canadensis* (Michx.) Beauv.

Carex arifolia Boott. Junction of Millfish Brook
red soil by brook. with East Branch of Penobscot,
7112 Maine, South of Lake
(1) Matagamon, July 22, 1939
T6 R 8. H.A. Allard

7113 *Myrica gale* L. ditto
(1) In swamp

7113A = *Populus tremuloides* Mill.

7114 *Salix verticillata* L. f. Gray. ditto
(1) In swamp with # 7113

7115 Gramineae ditto
(1) In low ground near # 7113,
= *Glyceria canadensis* (Michx.) Trin.

7116 *Scirpus atrocinctus* Fern. ditto
(1) In swamp near # 7113

7117 *Eleocharis palustris* (L.) R. & S. ditto
(3) In mud & water by brook

7118 Ribbon-like water plant ditto
(1) attached to bottom in water
2-3 ft deep
Putamogeton *epiphyllum* Raf. says *Menyanthes*

7119 Floating plant with small white fls., ^{at junction of} ~~leaves~~ linear, whorled. Bullfish Brook attached below: abundant in ^{with East Branch} ~~brook~~ of Penobscot, Maine south of Lake Matagamon, T. 6 R. 8. July 22, 1939. H. A. Allard.

7120 (1) water plant attached to bottom, floating above, but not on surface in water several ft deep. ditto
= Potamogeton gramineus L. var. says Mnemchen.

7121 Betula alba, ^{South end of Lake Matagamon,} ~~var. papyrifera Marsh.~~ ^{Maine}
(1) at our cabin (range is on Anchor Point) (some white bark.)

7122 Carex pennsylvanica Lamour.
(1) ^{collected by T. J. Hermann} ~~collected~~ about 5 miles down East Branch of Penobscot River, Maine, south of Lake Matagamon, T. 6 R. 8, July 23, 1939. H. A. Allard.

7123 Lofelia inflata L.
(1) Near # 7122 in grassy clearing ditto with Mt. Magee looking of west.

7124 Thuja occidentalis L. On Lake Matagamon, Maine, south end.
(1) Dwarfed to 2-3 ft. T. 6 R. 8. July 23, 1939. H. A. Allard.
near warden's cabin. ^{cherries a tree}

7125 Pinus resinosa Ait.
(3) at cabin on Anchor Point. ditto
very rocky, sterile & several ^{small} trees here. May several appearance of P. rigida, i.e. long cones etc.

Pinus banksiana Lamb. South end of Lake Matagamon, Maine.
at warden cabin on Anchor Point: several good trees here: here appearance of P. virginiana of south. T. 6 R. 8. July 23, 1939. H. A. Allard.

7127 Habenaria psychodes (L.) Spreng.
(3) along River near # 7122. H. A. Allard. ^{same date}
col # 7123: fl. deep rose. full bloom or wing into July 23.

7128 Cornus stolonifera ^{South end of Lake Matagamon, T. 6 R. 8.}
(1) ~~racemosa Lam.~~ at warden cabin: July 23, 1939. H. A. Allard.
in low flat just east of Anchor Point. fruit thick lead to white.

7129 Salix lucida Muhl.
(1) with # 7128 ditto

7130 Sabia cordata Muhl.
(3) Near # 7128 ditto

7131 Sabia ~~prostrata~~ ^{lobbiaria Sarg. = Coreia} ~~Richardsoni~~ ^{lobbiaria Sarg.}
(2) Near # 7128 ditto

rest of cabin has been not seen at end of islet.

7132 Gramineae South of Lake Matagamon on right bank of East Branch of Penobscot (down) near Walker's camp T. 6 R. 8; July 25, 1939. H. A. Allard.
= Cinna latifolia (Trin.) Griseb.

Mimulus ringens L. South end of Matagamon
Lake, Maine, T6 R8
July 25, 1939. H.A. Allard.

7133 Low ground east of Anchor Point
(2) here ranger cabin stands. Toward
Traster's camp. → E

7134 Spirea latifolia (L.) Borkh
(2) near # 7133
(Full bloom)

ditto

7135 Veronica scutellata L.
(3) In red soil east of cabin in
blate here

ditto

7136 Galium ^{tinctorium} ~~palustre~~ L.
(2) In low ground east of ranger
cabin, near # 7133

ditto

7137 Mentha arvensis L.
(2) Near # 7133
(damp soil)

ditto

7138 Simul ~~vietaefolia~~ Schreb.
(1) near # 7133, S. square wall.

ditto

7139 Lobelia ~~inflata~~ ^{spicata} L.
(1) Near # 7133 = L. inflata L.
Long ground. says McVaugh who
ident. all Lobelia.

ditto

Lycopodium americanum South end of Lake Matagamon,
Maine, T6 R8
July 25, 1939. H.A. Allard.

7140 I low ground east of cabin
(2) between it and Traster's
abundant: full bloom.

7141 Lysimachia terrestris (L.) B.S.P.
(2) Low, ground, open, very
beautiful: near # 7140.
Very abundant, yellowing its leaves.

ditto

7142 Mentha arvensis L.
(2) Herbs in leafy pile
with # 7141

ditto

7143 Ranunculus pennsylvanicus L.f.
(2) with # 7141: abundant - edge of
thicket here.

ditto

7144 Saxifraga atrocinctus Pers.
(1) with # 7141

ditto

7145 Scutellaria galericulata L.
(1) In open low ground with
7141: abundant.

ditto

major L. says
7146 Plantago media L. M. nemcher
(4) In low, open ground
around Lake shore here
with # 7141: abundant.

ditto

Alopecurus aequalis South end of Lake Matagamon,
Maine, T6 R 8,
July 25, 1939

7147 In red soil H.A. Allard
(2) near water edge
at south end of lake between warden's cabin
and Foster's (halfhead guide)
just in bloom.

7148 *Hypericum virginicum* L. ditto
Plants red: in damp soil
with # 7147 July 25

7149 *Bromus ciliatus* L. ditto
(3) In same low meadow with # 7147 July 25

7150 *Carex stolonifera* Michx.
(2) In low ground with # 7147 ditto
(fruit whitish, hark) Date July 26

7151 *Viburnum cassinoides* L. ditto
(2) Near # 7147 July 26, 1939

7152 *Heracleum lanatum* Michx.
(1) Leaves of fruit of same plant
(waste ground where we parked
car; near old dam at
Foster's (halfhead guide) ditto

7153 *Lactuca canadensis* L. var. *integrifolia* (Bigel.) A. Gray.
(1) var. *montana* Britton
with # 7152: abundant;
full bloom.
L. canadensis L. var. *integrifolia* (Bigel.) A. Gray.

Lactuca canadensis L. South end of Lake Matagamon,
Maine, T6 R 8,
July 26, 1939

7154 (at car where we parked near old dam
(1) near Foster's (halfhead guide)
var. *integrifolia* (Bigel.) A. Gray.
fl. yellow: very abundant on
roadside etc. just in bloom.

7155 *Lactuca spicata* (Lam.) Hitch. ditto
(1) fl. & leaves of same plant.
fl. blue, with # 7154
abundant on roadside; just
in mid bloom

7156 *Lactuca canadensis* L. ditto
(1) Leaves & flowers of one plant:
fl. blue 7155
same spec. as # 7155

7157 *Labiatae* ditto
(1) Near # 7155
Galeopsis tetrahit L.

7158 *Lactuca canadensis* L. var. *integrifolia* (Bigel.) A. Gray. ditto
(1) var. *montana* Britton
(with # 7154; same sp.
(one plant; fl. yellow).

7159 *Sabicea lucida* Michx. ditto
(3) Near old dam where we
parked car.
muticum Michx.

7160 *Cirsium arvense* var. *vestitum* (Rim.) & Gray. ditto
(2) Near old dam in waste
ground, with # 7154; very common
everywhere.

~~Galium palustre L.~~ ~~timetorum L.~~ South end of Lake
Matagamon, Maine,
T6 R 8, July 26, 1939
Near old
7161 dam, in low ground,
(1) H.A. Allard

heilita And.
7162 ~~Sahip candida~~ Flüge.
(2) On inlet where bear od cubes
chased me: ie west of warden's cabin
leaves fine lustrous, silky beneath:
very beautiful. ditto

7163 *Solidago canadensis* L.
(2) with # 7162 ditto

7164 *Sahip Bebbiana* Sargent.
(1) In low ground where bear cubes
ran: very hairy leaves beneath.
sh = ? ditto

7165 *Sahip sericea* Marsh.
(1) Leaves flaking in drying.
with # 7162 ditto

7166 *Saxifraga hypnoides* (L.) Kunth.
(2) with # 7162 ditto
In low ground with ridge just west a
few hundred feet where mother bear od
cubes were disturbed, and turned upon me.

7167 *Saxifraga atrocinerea*
(2) with # 7166 var. *brachypoda* Fern.
= *dur* ditto

Galium triflorum y. South end of Lake Matagamon,
Maine, T6 R 8,
July 26, 1939
7168 stems smooth, fruit bristly. H.A. Allard.
(2) In woods near where bears
were; west of Anchor Point.

7169 *Aster tradescanti* L.
(1) fl. white
In low ground.
Near # 7162 says. S.T. Blake. ditto

7170 Gramineae
(2) In swale just east of warden-cabin
where Dr. Brander dug for earth worms.
ie between the cabin and Master's (half-breed guide)
= *Calamagrostis canadensis* (Michx.) Beauv. ditto

7171 Gramineae
(1) On dry soil at cabin on Anchor
Point. *Agrostis hiemalis* (Walt.) B.S.P. ditto

7172 Gramineae
(1) In swale east of Anchor Point - ditto
ie with # 7170
= *Poa palustris* L.

7173 *Sim. cicutaeifolia* Schrank
(1) with # 7170 ditto
= *S. suave* Walt.

7174 *Scutellaria galericulata* L.
(2) with # 7170

Lysimachia terrestris L. ^{South end of Lake}
Matagamon, Maine.
T 6 R 8

7175 In swale
between ranger cabin H.A. Allard,
H. and Foster's (half breed guide)
July 26, 1939

7176 *Lycopodium americanum* Muhl

(1) with # 7175

ditto

7177 *Ranunculus pennsylvanicus* L.f.

(7) with # 7175

ditto

7178 *Carex trifurcoides* Wahl.

(2) In low ground near # 7175

ditto

7179 *Mimulus ringens* L.

(1) with # 7175

ditto

7180 *Hypericum ellipticum* Hook.

(1) with # 7175

ditto

7181 *Mentha arvensis* L.

(1) with # 7175

ditto

Cremora

On right bank of
East Branch of Penobscot about
 $\frac{1}{2}$ mile below old dam and
Lake Matagamon. T 6 R 8.

7182

(1) Near Fred Bulger's
camp (guide) (out of date order by mistake)
H.A. Allard.
July 25, 1939
Cinna arundinacea L.

7183

(1) Brassicaceae
fl. yellow. Near Bulger's camp.
Brassica campestris L.

ditto

out of date order by
mistake: July 25

7184 *Juncus macrocarpa* S.F. Gray.

(1)

date
July 25

ditto

7185

(2) *Saxifraga*
amotignum
in woods at foot.
Moose Mt., Maine.
T 5 Range 9,
July 27, 1939.
H.A. Allard.

7186 *Ledum groenlandicum* Oeder

(2) on wet: capitate white from base.
Past bloom.

ditto

7187 *Patentilla tridentata* Ait

(3)

very abundant in bare areas on
top of hill.

ditto

7188

(1) Compound leaves
Near same low slope.
Looks like an *Aralia*.
Aralia racemosa L.

ditto

Alnus crispa (Lit.) Pursh. Magee Mountain, Maine,
T5 R 9. July 27, 1939
H.A. Allard
well of slope, damp soil.

7189
(3)

7190 Gramineae *Muhlenbergia racemosa* (Michx.) B.S.P.
(2) well of slope among rocks.

7191 *Salix Bebbiana* Sargent.
(2) lower hole, hairy beneath
at foot of Magee Mt, on Magee Brook

7192 *Scirpus atrovirens* Michx. South end of Lake
Matagamon, Maine.
var. *trachypodus* Fern. T6 R8
min soil July 26, 1939. H.A. Allard.
had her head out of date sequence.
(see # 7166 & 7167)

7193 *Aster acuminatus* Michx.
of Mt. Magee
near top in open ravine

7194 *Amelanchier alnifolia* (Michx.) Presl.
var. *bartramiana* (Tuckerm.) Roem.
(2) in ravine near top,
in green fruit

7195 shrub on top of Mt. Magee,
in bare area, dense, prostrate:
fruit reddish; leaves small
not common.
= *Vaccinium vitis-idaea* L

Populus balsamifera L. Magee Mt., Maine,
T5 R 9.
toramahiara Mill. July 27, 1939
H.A. Allard
green top.

7196
(1)

7197 *Solidago cutleri* Fernald
(1) in open soil at atop;
abundant; full bloom.

7198 *Empetrum nigrum* var. *medium* Fern. & Wieg.
(3) *Andromeda prostrata* Michx.
at top in open, gravelly soil
Not common, fruit reddish.
not much taste.
allard.

7199 *Alaine longipes* Goldie?
(2) *Stellaria*-like plant.
Back of boulder, damp soil, well
of mountain side = *Stellaria longifolia* Mill.
capitules erect, shining,
nearly black.

7200 *Epilobium glandulosum* Lehm.
var. *adenocaulon* (Hauke) Fern.
(1) in damp hollow ravine
well of soil.

7201 *Citronia islandica*
(5) On top of out in bare, exposed
soil, gravel etc; very abundant
finer growth form than var.
material; more compact.

7202 Lichen
(3) *Cladonia*?
silvery white; dense masses
very abundant.

Lichen
7203 on rocks etc.
T5 R 9
July 27, 1939
H.A. Allard.
Sibery gray.

7204 Lichen
on soil near # 7203
Much branched, whitish; Cladonia?
ditto

7205 Cladonia
on soil near # 7203 at top
ditto

7205a - Red lichen on cliffs (shale).

7206 Peltigera
on rocks at top near # 7203
ditto

7207 Campanula rotundifolia L.
var. intercedens (W. & A.) Fernald.
in meadow near top of hill.
mt: very abundant, beautiful,
full bloom, fairly blushing the leaves here.
ditto

7208 Artemisia vulgaris L.
in waste ground.
Medway, Maine
July 28, 1939
H.A. Allard.
Penobscot Co.

7209 Ericophorum
in Kelley Bog on
Siberia road
near Starayville, Maine
Penobscot Co.
July 28, 1939
H.A. Allard.
viridicarinatum Fern.

Valeriana uliginosa
7210
Near Starayville, Maine,
Penobscot Co.,
in Kelley Bog, on
Siberia road. July 28, 1939
H.A. Allard.
under ~~arbutus~~ vital, spruce etc.
a coniferous bog.

7211 Carex paupercula Michx.
with # 7210
ditto

7212 viney; rounded leaves with
a few teeth; no fl. or fruit
ditto

in bog with 7210,
Linnaea borealis L. var. americana (Pursh) Reiche.

7213 Carex leptalea Wahl.
fine, delicate species
with # 7210
ditto

aleppicum Jacq. var.
7214 Geum strictum (Ait.) Fern.
fl. yellow.
with # 7210; full bloom.
ditto

7215 Carya glabra (Mill.) Sweet
On edge of woods above
high pronounced field
here denuded quadrat was
made.
Bull Run Mt. Va
South of Hagerell Gap
Aug. 6, 1939
H.A. Allard.
Farguier Co.

7216 Carya glabra (Mill.) Sweet
On brook from Riley's spring
where all the Cedars are in old field.
where yellow violet green.
ditto

Carya cordiformis (Wang) Bull Run Mt., Va.
South of Hagerell Gap.
August 6, 1939

7217 *Edge of thicket* H. Koch. H.A. Allard
(4) in field near where rare Black gum
fungus was found, ed running N & S.
toward bare areas. e

7218 *Liriodendron tulipifera* L.
(4) Edge of woods at top of high brownedge
field beyond denuded quadrat. ditto e

7219 *Quercus palustris* Muench
(2) Beside # 7217 ditto e

7220 *Carya alba* (L.) H. Koch
(4) Growing near # 7218 -
low heavy woods begin ditto e

7221 *Mentha spicata* L.
(1) In small S. of Hagerell Gap
just west of Hagerell to Broad Run highway
near Black walnut grove & old cabin
; abundant here. ditto e

7222 *Hypericum mutilum* L.
(2) In same low ground area
with # 7221: ditto e

7223 *Eragrostis spectabilis* (Pursh) Steud
(2) Perennial.
In bare soil area S. of Hagerell Gap
soil being studied in pots at Arlington, Va. ditto e

Sabatia angularis (L.) Pursh Bull Run Mt., Va.
South of Hagerell Gap
In old field west of shore
7224 diseased black gum on road ditto
(2) bond August 6, 1939
Full bloom; deliciously H.A. Allard
fragrant; abundant; showing here. e

7225 *Spiranthes gracilis* (Bigel.) Beck
(1) In old brownedge field
just beyond diseased black gum ditto e
near # 7224

7226 *Helianthus annuus* L.
(3) Edge of thicket near # 7224 ditto
Silphium trifoliatum L. e

7227 *Cassia micrantha* L.
(1) (fl. small) In old brownedge
field beyond Castello's old ditto
stone crusher; after in high e
brownedge field. abundant full bloom

7228 *Crotalaria sagittalis* L.
(2) In old brownedge field ditto
near # 7226 e
full bloom;

7229 *Rhus copallina* L.
(3) In old brownedge field ditto
near # 7226; abundant: e
full bloom

7230 *Asclepias incarnata* L. (Pursh)
(3) var. *pulchra* (Ehrh.) Pers. ditto
var. *pulchra*, (Ehrh.) Pers. since
on Triassic area near Antioch, Va. ditto
by roadside. e

(81) *Asclepias verticillata* L. Bull Run Mt., Va
Aug. 6, 1939
7231 on roadside near Smith of Hagerell Gap
(8) Antioch, Va H.A. Allard
Prince William Co

7232 *Pyrus americana* Marsh ditto
(1) In thicket south of Hagerell Gap
near young cedars beyond Tangier Co
Riley's brook: fruit red: ripe.

7233 *Leskea deggettii* var. *moniliformis* (Hook.) H. G. G. ditto
(1) Near # 7232: old field. (Bickn. H. G. G.)

7234 *Rosa carolina* L. ditto
(1) In high wooded field
near denuded quadrat: scattered throughout this field Tangier Co

7235 *Calium vilosum* Nutt. ~~*circulare*~~ *Thunb.* x ditto
(1) In high wooded field
near # 7234

7236 *Pycnanthemum flexuosum* (Walt.) B. S. P. ditto
(1) In high wooded field
with # 7234

7237 *Quercus palustris* Muench. ditto
(2) South of Hagerell Gap: young
trees in radiating high wooded
field where denuded quadrat was made.

Salix nigra Marsh. Bull Run Mt., Va
South of Hagerell Gap.
August 6, 1939
7238 Near springy place H.A. Allard
(2) S. of Hagerell Gap Tangier Co
where young cedars are thick

7239 *Acer negundo* L. ditto
(3) South of Hagerell Gap near
decayed Black Gum tree

7240 *Sida spinosa* L. ditto
(2) Below Castell's at
gateway over pasture to
Riley's cabin

7241 *Mentha spicata* L. ditto
(2) In small S. of Hagerell Gap
near big Black Gum tree
near old cabin: full bloom.

7242 *Cyperus filiculmis* Vahl. ditto
(1) In old wooded field
in roadway toward
Riley's cabin from Hagerell Gap
road

7243 *Spiranthes patens* (Bigel.) Beck. ditto
(1) In wooded field where
decayed Black Gum stands:
west of High Point Ridge.
Full bloom here: scattered.

7244 *Elymus virginicus* L. var. *intermedius* (Vasey) B. S. P. ditto
(1) a big clump (perennial) in
Allard's further ditch.
Arlington, Va
Aug. 11, 1939. H.A. Allard.

~~Hydrocotyle~~
Indragia alternifolia L. Bull Run Mt., Va
Fauquier Co.
August 6, 1939
H.G. Allard
7245 In thickets
sandy, along
brook from Hark walnut grove west
of Hagerell to Broad Run Station
highway. e

7246 *Picrostema myrsae* Marsh - Bull Run Mt., Va
many) Leaf spot on young Hark Fauquier Co
junior *Myrica sylvatica* Marsh Aug. 14, 1939
beyond large oak west slope H.G. Allard.
High Point Ridge: tree 20 ft high, young
75-80% of all leaves spotted - sometimes 5-6
leaves in each cluster: or all.

7247 *Oxalis stricta* L. Bull Run Mt., Va
(yellow) ang. 14, 1939
in cut-over area beyond Riley's spring H.G. Allard
Fauquier Co
the sandstone hill is.

7248 *Cassia mitcham* L. e
31 at end of cliffs and quarry
at Castell's edge of field ditto
here: very abundant: full e
bloom

7249 *Microstylis unifolia* (Michx.) B.S.P. ditto
11 In pine woods near end of
Castell's quarry ridge, west of
Riley's cabin: my first find

7250 *Umbellifer Anglica villosa* (Walt.) B.S.P. ditto
11 In woods where struck by yellow
jackets, at base of High Point
ridge for Castell's quarry ridge. e

7251 *Lepidogon hirta* (L.) Hornem ✓ ditto
11 In woods on trail from
High Point cliffs to turn off to
Castell's ridge: very abundant on
dry ridges. e

Carex virens Muhl. Bull Run Mt., Va
Fauquier Co
On High Point cliffs August 14, 1939
7252 on shelf. H.G. Allard
121 South of Hagerell Gap

7253 *Phyopteris hexagonifera* (Michx.) Chr. ditto
141 *Dryopteris*
In woods below High Point cliffs (west)
abundant here in patches. e

7254 *Adiantum pedatum* L. e ditto
131 near # 7253 in moist,
heavy woods: abundant locally

7255 *Germ canadense* Jacq. ditto
121 Near old barn in low wet grass
west slope below High Point:
abundant here: rank growing e

7256 *Oxalis europaea* f. *apnosa* (Small) neg ditto
31 yellow f. e
Near # 7255: in old
cut-over here

7257 *Eragrostis spectabilis* (Pursh.) Steud. ditto
121 Near shale where Hark walnut
are, in road of Hagerell to Broad Run Station
highway. e

7258 *Cirsium discolor* (Muhl.) Spreng. ditto
11 In shale at Hark walnut grove
near # 7257: abundant,
full bloom. e

Hyfericum molificum L Bull Run Mt., Va
Fauquier Co
In pasture South of Hufnell Gap
7259 at Hark walnut August 14, 1939
11 Trees beside brook. H.G. Allard
S. of Hufnell Gap
West of Hufnell to Broad Run Station highway

7260 *Panicum anceps* Michx.
Gramineae
151 In large dense areas in
damp soil; near # 7259
Now in its prime. ditto
e

7261 *Osmorhiza dillenii* Darl.
Heisteria
14 In small near # 7259 ditto
e

7262 *Agrimonia parviflora* Ait
13 In small with # 7259, also
black walnut grove is, and very
abundant south of old cabin here - ie
a pine stand: full bloom. ditto
e

7263 *Mentha spicata* L
11 In wet ground small
with # 7262 ditto
e

7264 *Cyperus strigosus* L
131 In same small with 7262 ditto

7265 *Scirpus polyphyllus* Vahl.
131 In same small with # 7262 ditto

Rudbeckia laciniata L Bull Run Mt., Va
Aug. 14, 1939
In small near old
cabin od Hark walnut grove
7266 S. of Hufnell Gap od west of H.G. Allard
151 Hufnell to Broad Run Highway South of
Hufnell Gap.
abundant; full bloom. ditto
p

7267 *Ascuta indecora* Choisy. ditto
161 in *Impatiens biflora* Walt od
Polygonum sagittatum L
In same small with # 7266:
very abundant here in these plants.

7268 *Impatiens biflora* Walt ditto
11 with # 7266: small covered
with this: full bloom.

7269 *Shiromyces gracilis* (Bigel.) Beck.
11 In wooded pasture here
black gum # 7246 with distance is ditto
e

7270 *Osmorhiza grandiflora* (Walt.) DC ditto
11 In woods west slope below
High Point cliffs; full bloom
= *O. cinnamomum* (Michx.) DC. v

7271 *Crataegus margaritella* Ashe ditto
11 In old wooded field
near denuded quadrat (high
wooded field)

7272 *Oenothera biennis* L ditto
11 Near Riley's old cabin
beyond Castello's
= *O. biennis* L.
= *O. biennis* L.
= *O. biennis* L.

Paspalum pubescens Muhl. Bull Run Mt., Va
Fauquier Co.
near Riley's old cabin August 14, 1939
7273 beyond Castellone, in old field H.A. Allard
Smith of Hagerell Gap.
(1)

7274 *Cyperus floerens* var. *proformis* Trin.
(1) at spring beside highway #55 ditto
at Thunderfare Gap, Aug. 14, 1939
Fauquier Co.
(wet soil) H.A. Allard.

7275 *Juncus subcaeruleus* Engelm. Cor. Presque
(2) with # 7274 at same
red spot near spring overflow ditto

7276 *Quercus montana* Willd
(2) on High Point cliffs. ditto
Most abundant oak in Bull Run Mts.

7277 *Pinus pungens* Lam
(1) on cliffs at High Point. ditto

7278 *Pinus virginiana* Mill
(1) with # 7277 ditto

7279 *Adonia*
(1) on ground,
C. grayi f. affinis asaking
contains mayanin acid
P.T.
North Mountain near Va
near Sugar Knob,
Hardy Co.,
August 24, 1939
H.A. Allard
on trail from
to Sugar Knob - 3000 ft

Peltigera
Sphognum
North Mt., West Va.,
near Sugar Knob,
Hardy Co. Aug. 24, 1939
H.A. Allard.
7280 in springy place
near turn right to
(1) Ariation Tower.

Had in the other moss
Plus Anlaconium palustre (W. & M.) Schum.

7281 *Bruce* = *Hypnum imponens* Hedley.
(2) Near # 7280. also " = 7281A ditto
at spring (walled in)
Pine growth on banks: beautiful.

7282 *Oxalis*
(4) yellow. to ariation tower ditto
In cut over path near Trout Run
is extremely staked small
& leading to ariation tower.

7283 violet (blue) lat. petals not bearded ditto
(1) with # 7282

7284 *Muhlenbergia*
(1) with # 7282 ditto

7285 *Helianthus decapetalus* L
(2) Near # 7282 ditto

7286 *Panicum*
(1) on ledges in cut over path ditto
and well up slope to ariation tower

Sarbus americana Marsh North Mountain, West Va.,
near Sugar Knob and
leaves from normal variation tower,
7287 mature tree #7287 Hardy Co., Aug. 24, 1939
H.A. Allard
These showing wane, irregular dentation
from sprouts from understory #7287a
Note marked differences,

7288 *Callorhiza odontorhiza*
In oak woods at edge of
Bear oak contact near aerial
tower; abundant here
full bloom.

7289 *Hieracium paniculatum* L.
In road road at turn off right
on crest of ridge from Sugar Knob trail
to aerial tower; abundant; full bloom.

7290 *Prenanthes trifoliata* (L.) Fernald
with # 7289 ditto

7291 *Solidago puberula*
On same road road with # 7289,
and on dry sandy soil to Sugar Knob
before turn off to steel aeromantic tower.
full bloom

7292 *Eupatorium purpureum*
var
Low, leaves fern, coarsely serrate
Near # 7289 ditto

7293 *Solidago arguta* Nutt.
On Sugar Knob trail well up
toward crest of ridge
see last page for masses 7447, 7447 a, b,
c, d and e. ditto

Peltigera (sibery gray) North Mountain, West Va.
Hardy Co. on trail
Moss on soil near spring near
crest of ridge, near summit highway to
Sugar Knob, Aug. 24, 1939
H.A. Allard.

7294 A = *Thuidium recognitum* (Hedw.) Lindb.
plus *Leucobryum glaucum* (Hedw.) Schimp.

7295 *Oreocetes ilicifolia* var. ditto
Near wall in spring
near top of ridge on Sugar Knob trail.
very abundant; full fruit.

7296 *Cladonia cristatella* f. *beauvoisii* (Del.) ditto
Branched, with red apothecia
on soil near # 7295 rain.

7297 *Lespedeza hirta* (L.) Hornem ditto
Near 7291. On dry
sandy, slope with much hem oak half
way up slope.

7298 *Angelica villosa* (L.) B.S.P. ditto
On trail well up where hem oak
thicket begins - with # 7297,
above lead-off to Half Moon shelter.

7299 *Osmorhiza*
with # 7297 ditto

7300 *Polygala* ditto
Near old house site well
down trail - 1/2 mile from
Trout Run.

Panicum
(very hairy)

7301

(2)

North Mountain, West Va
Hardy Co., west slope
on trail from Wardenville
highway to Sugar Knob.
August 24, 1939
H.A. Allard.

7302 *Pyrenantherum*

(1) Leaves very white beneath
near #7300, in opening near
old house site

ditto

7303 *Eupatorium altissimum* L

(10) on steep rocky sloping outcrops
just S. of Strasburg, Va., Shenandoah Co.
August 24, 1939. H.A. Allard. very
abundant here: just in
flowers.

ditto

7304 *Euphorbia dentata*

(4) var *euphostemma* Engelm.

(with #7303.

ditto

7305 *Polypodium ~~virginicum~~ L*

(2) on roadside bordering flood plain
of Shenandoah at above cliffs S. of
Strasburg: very abundant in rich soil here.

ditto

7306

(1) *Euphorbiaceae*

Near #7304

ditto

7307 *Rudbeckia*

(1) Near #7304

ditto

Populus

3 species?

just south of Strasburg, Va
August 24, 1939
H.A. Allard.

7308

(3)

Don't fit any species.

at cliffs near #7305

7309

Scutellaria brachiata L. B.S.P

(1)

Near #7308

ditto

7310

Abutilon theophrasti Medik. Bull Run Mt., Va
Fauquier Co.

(13) Roadside S. of Hagerell Gap. August 27, 1939. ditto
on Hagerell Gap to Bush Run station highway
near old house site: Bull Run.

7311

(15) In mixed red soil by
brook, west of Belts
in alder thicket

fl. white: my first record here: abundant here.

ditto

7312

Cuscuta indecora Choisy.

(1) on *Ambrosia artemisiifolia* L.
in old field N.W. of Belts, 1 1/2 miles
N. of Hagerell Gap

ditto

7313

Vernonia glauca (L.) Willd

(1) In open woods (pine) N. of
Belts 3/4 mile, at edge of
burnt area on high knob near
Halfway

ditto

7314

Samolus paniculatus L. D.C. L

(1) with #7313: In thin pine
woods marking extension north of
pasture N.W. of Belts.

ditto

Rubra eupatorioides L. ✓ Bull Run Mt., Va.
Fauquier Co. H.A. Allard
Aug. 27, 1939

7315 In dry soil, in North of Hagerell Gap.
thin, open, pine woods
(3) North of Belts 3/4 miles at edge of
burn on a high knob (1000 ft) here.
my first seed here, scarcely in flower,
very local.

7316 *Carya glabra* (Mill.) Sweet. ditto
(2) Edge of woods below # 7315
near Halfway, Va., N. of Belts
1 mile or more. e

7317 *Eupatorium aromaticum* L. ✓ ditto
(1) with # 7315
Full bloom e

7318 *Samolium viridiflorum* L. Beck ditto
(1) with # 7315. ✓ e

7319 *Calatropis atriplicifolia* L. ✓ ditto
(1) In wood road at foot of
wooded knob near Halfway (where
dog came out and barked) e

7320 *Samolium viridiflorum* L. Beck ditto
(1) with # 7319 *dillenii* Darb. ✓ e

7321 *Trappium americana* L. ditto
(2) Near # 7319. e

Thysanotus
? *Penthorum*
sedoides L.
7322

(1) along brook
near # 7319.

Bull Run Mt., Va.,
Fauquier Co.
August 27, 1939.
H.A. Allard.
North of Hagerell Gap.

7323 *Centaurea rugulosa* L. ✓ ditto
rockyensis Benth. ✓
(3) In grassy soil in woods e
near # 7319.

7324 *Samolium dillenii* Darb. ✓ ditto
(1) In clearing with # 7323 e

7325 *Gemma canadensis* Jacq. ditto
(2) In swamp on wood road
North of Belts where pastures
give way to heavy woods, on slope
to lower ground at foot of high knob
toward Halfway, Va. e

7326 *Elephantopus carolinianus* Willd. ✓ ditto
(2) with # 7325; here stands, very
beautiful with simple stars or oblong
full flower e

7327 *Sanicula canadensis* L. ditto
(2) with # 7325
Part fl. e

7328 *Agrimonia gyrocephala* Walbr. ditto
(1) with # 7325; hard flowering
mostly; abundant here in swamp. e

2. *Pentstemon sedoides* L. Bull Run mt., Va
Fauquier Co
August 27, 1939
H.A. Allard
7329 In swampy spot
at foot of slope
fog woods begin
North of Hagerell Gap 1 3/4 miles
North of pasture north of Belts.
Slope has steep from a knob 1000 ft. near
Hallway. Burn of April 1939 stopped here.

7330 *Leersia virginica* Willd.
Gramineae
(1) with # 7329

7331 *Epilobium coloratum* Muhl.
(3) with # 7329

7332 *Polygonum axillatum* Ell.
var *leptostachyum* Meisn.
(2) with # 7329

7333 *Geum canadense* Jacq.
(1) In damp thickets on wood road with
7332

7334 *Boehmeria cylindrica* L. var
(3) with # 7332

7335 *Lactuca spicata* (Lam.) Hitch.
(1) with # 7332.
bl. hole near

Cryptotaenia canadensis (L.) DC. Bull Run mt., Va
~~*Lactuca spicata* (Lam.) Hitch.~~ August 27, 1939
H.A. Allard

7336 with # 7332 Fauquier Co.
(1) North of Hagerell Gap 1 3/4 miles
Part flowering.

7337 *Lycopodium virginicum* L.
(1) with # 7332 *microcarpum* Michx. ditto

7338 *Panicum boscii* Pers.
(2) In low ground with # 7332 ditto

7339 *Lappula virginiana* (L.) Greene
(2) with # 7332, abundant here. ditto

7340 *Polygonum virginianum* L.
(1) with # 7332 ditto

7341 *Airsium discolor* (Muhl.) Spreng.
(1) In low meadow field, burned last
April - west of Belts; abundant. ditto

7342 *Lobelia siphilitica* L.
(2) In swampy woods along road
etc., and in shady woods near
7332; full flower, very showy. ditto

Desmodium illinoense (Ell.) DC. Bull Run Mt., Va.
Fauquier Co. August 27, 1939
In broomedge field
7343 burned over west of Belts
(6) (in April, 1939). Fragment here. H.A. Allard
North of Hagerell Gap 1 1/2 miles

7344 *Desmodium rigidum* (Ell.) DC. ditto
(1) with # 7343 filiare. ✓

7345 *Lespedeza repens* L. Bart. ✓
malacocarpa Pers. ditto
(1) In old broomedge field with 7343
burned over: scattered here. ✓

7346 *Strophostyles helvola* (L.) Britton ✓ ditto
(2) with 7343. ✓

7347 *Lespedeza virginica* (L.) Britton ✓ ditto
(3) with 7343. ✓

7348 *Sporoxea pandurata* (L.) G.F.W. Mey. ditto
(1) with # 7343 ✓

7349 *Hieracium gronovii* L. ✓ ditto
(3) with # 7343
scattered over these old sedge fields. ✓

Galium pilosum Ait. Bull Run Mt., Va.
Fauquier Co. August 27, 1939
In old broomedge field burned over, ie with # 7343
7350 west of Belts. H.A. Allard
North of Hagerell Gap 1 1/2 miles
(1) just

7351 *Quercus alba* L. ditto
(2) From large white oak west of Belts
in pasture: lower limbs bending to ground.

7352 *Spiranthes gracilis* (Bigel.) Beck. ditto
(1) In same broomedge field with
7343 ✓

7353 *Commelina communis* L. ditto
(1) Along fence row near Belts ✓

7354 *Sabicea nigra* Marsh. ditto
(1) on Hagerell to Broad Run station
highway, near Broad Run station
common. ✓

7355 *Carya alba* (L.) K. Koch. ditto
(2) In old pasture west of Belts
at just west of swale below
where we park (in negro's yard)
west of white Rock. ✓

7356 *Peltigera* Bull Run Mt., Va.
(1) on soil east slope on
trail below High Point
from valley road. Sept. 3, 1939.
North of Thoroughfare
Gap along valley road
just east of Bosley
Mill. H.A. Allard

Desmodium dillenii Darl. Bull Run Mt., Va
along road just N. of Prince William Co
Sept. 3, 1939
7357 a few inches high H.A. Allard
(3) north of rail road north of Thoroughfare Gap
below Beverly Mill on valley road.
abundant; full bloom.

7358 *Panicum polyanthes* Schult. ditto
(1) on roadside bank
near # 7357

7359 *Oxalis stricta* L. ditto
(2) along rail road at Beverly Mill

7360 *Euphorbia maculata* L. ditto
(1) with # 7359

7361 *Stimulacea* Maxim. v. *Leptodea striata* (Michx.) H.P.A. ditto
(2) along rail road with # 7359
abundant everywhere.

7362 *Astinomeria alternifolia* (L.) D.C. v. ditto
(1) near rail road in thicket
in damp soil; very abundant;
full bloom.

7363 *Gramineae: Leersia virginica* Willd. ditto
(3) along shaded roadway in
moist gutters just N. of rail road
crossing of valley road below Beverly.

Leersia oryzoides L. Bull Run Mt., Va
Sept. 3, 1939

7364 near rail road H.A. Allard
below Beverly Mill north of Beverly Mill
(1) in red soil. (Thoroughfare Gap) on
is along valley road. valley road.
may just N. of crossing
below Mill.

7365 *Polygonum* ~~ace~~ *hydrophyllum* var. *Meisneri* ditto
(1) var *leptostachyum*
Near # 7364, red soil, *Meisneri*

7366 *Eupatorium pubescens* Muhl. v. ditto
(2) on heights just north of
railroad at Beverly Mill
the trail comes down from
granite; full bloom

7367 *Eupatorium album* L. ditto
(3) in old field, top of old house
stood at left of valley road just
north of rail road at Beverly Mill.
is the maximum vine seen
on chimney.

7368 *Desmodium dillenii* Darl. v. ditto
(1) with # 7367; in old house
built near cornfield here.

7369 *Pycnanthemum inaequalis* (Michx.) Mchx. ditto
(1) near # 7367.

7370 *Quercus rubra* L. var *maxima* (Muhl.) Ashe. ditto
(3) *maxima* Ashe
at quarry ed cornfield
north of house on valley field
near old house site var (see 7367)

Desmodium paniculatum Bull Run Mt., Va
Prince William Co.
in old field and v (2) Sept 3, 1939
7371 *Desmodium* *hastatum* v (2) H.G. Allard.
|| large red vaks (x 7370) stands
abundant.

7372 *Desmodium rotundifolium* (Michx.) D.C.
|| on west slope of ridge east of
High Point ridge, in open woods ditto
full bloom: scattered here: full bloom.

7373 *Quercus marilandica* Muench ditto
(3) on crest of same ridge near
x 7372: abundant here.
No little points on some of them: no lobes

7374 *Quercus marilandica* Muench ditto
|| near x 7373.
(3 lobed type)

7375 *Lepidogon violacea* (L.) Pers. v ditto
|| in wood road on east slope of
High Point ridge near High Point.
abundant: full bloom.

7376 *Gerardia laevigata* (Raf.) Raf. ditto
|| *aristata*
Near x 7375: scattered: full bloom.

7377 *Digitaria inchaenum* (Schreb.) Muhl ditto
(2) on thin soil on top of High Point
cliffs in pure colony.

Stemphyllus capillaris (L.) Bull Run Mt. Va
Sept. 3, 1939
on High Point Cliffs
7378 near x 7377

||
= *Bulbostylis capillaris* (L.) C.B. Clarke

7379 *Centanea melanocphala* Arlington Farm.
(3) as labelled from Rep D. Pearce, 1938
N.J. (?) collected for Blake, S.F.
Aug. 30, 1939, by H.G. Allard.
Grown at Arlington Farm on length of day

7380 *Centanea stenophylla* ditto
(labelled). From same source as
grown in same tests with x 7379.
seed from Rep D. Pearce.

7381 *Edum telephioideae* Arlington Farm.
(2) from Massanutten same source
as: grown in tests at Arlington Farm.
(see data) These control plants: in full
bloom: collected Sept. 6, 1939. Killed by
frost in hot water forest Bull Run Mt.
To compare with *S. telephium* in Bull Run Mt.

7382 *Solidago ulmifolia* Muhl Bull Run Mt. Va
(2) on trail to and west slope on High Point ridge
just S of High Point Sept. 10, 1939. H.G. Allard
cliffs: Prince William Co.
7383 *Juncea littoralis* v: abundant.

(2) *Nymphaea advena* ? ditto
North of Thoroughfare Gap 1/2 mile
in Broad Run creek: only colony here:
leaves only: get flowers next spring.

7384 *Humulus lupulus* L. ditto
(5) Thicket at x 7383: one plant.
also a huge *Clematis* vine here.
on a dump.

Quercus bicolor Willd. Bull Run Mt., Va.
Fauquier Co.
Sept 10, 1939
H.A. Allard
7385 1/2 mi. north of Thompsons Gap 1/2 mile
15' in low ground beside Broad Run creek;
near # 7383. Abundant on Triassic sand;
less so west of Bull Run ridge. e

7386 *Editha alba* (L.) Hook. v ditto
18' at Berkeley Mill in waste ground
beside mill; only weeds are here.
full bloom; seedling abundant. e

7387 *Polygonum? asiculare* ditto
12' with # 7386 erectum L. e

7388 *Polygonum pennsylvanicum* L. ditto
13' at Berkeley Mill in waste ground near
right bank; abundant. full bloom; pink
var. *laevigatum*. S. Hallerensis Stanford e

7389 *Polygonum asse punctatum* Ell. ditto
31 var. *leptostachyum* Meisn
with # 7388: abundant. e

7390 *Xanthium saccharatum* Walbr. v ditto
12' with # 7388: abundant along R.R.
here etc. e

7391 *Verbena verticillata* L. ditto
2' just north of Thompsons Gap, at
junction of # 55 highway with Broad
Run station. abundant
in low meadow here at bridge. e

Leersia Bull Run Mt., Va.
Fauquier Co.
In some low meadow pasture Sept. 10, 1939
H.A. Allard
7392 with # 7391 and H.A. Allard
12' in water and mud of Broad Run here.
= *Leersia oryzoides* (L.) Swartz e

7393 ~~*Helianthus decapetalus* L.~~ ditto
11' with or near # 7391: full bloom.
= *Heliope scabra* Pers v e

7394 *Polygonum erectum* L. ditto
11' Growing near # 7391, in at bridge. e

7395 *Carya cordiformis* (Wang.) H. Kuhn ditto
18' In low meadow with # 7391
Large trees here e

7396 *Salix nigra* Marsh ditto
12' on creek bank (Broad Run)
at bridge near # 7392: very abundant. e

7397 *Cypripedium virginicum* Michx. ditto
11' In red soil by roadside at
Broad Run station
7397A = *Bidens coccinea* (Gray) Wieg

7398 *Bidens vulgata* Greene ditto
11' with # 7397

Prenanthes trifoliata (Cass.) Ternald Bull Run mt., Va
Road side thickets near
7399 Broad Run station. Sept. 16, 1939
H.A. Allard
(2) e

7400 *Aureolaria pedicularia* (L.) Raf. ditto
(2) In dry oak woods, west slope
just above Broad Run station
in red oak, hickory oak etc. not abundant
in Bull Run area: Bull Run

7401 *Saxifraga nigra* Marsh
(2) var. *falcata*? ditto
In springy spot in pasture west slope
above Broad Run station

7402 *Stylacanthus biflora* (L.) BSP. ✓ ditto
(2) In pasture near * 7401 e

7403 *Samolus dillenii* Darl. ✓ ditto
(2) In woods west slope with * 7400.
on woodroad below High Point.
abundant. e

7404 *Helianthus strumosus* L. ✓ ditto
(3) In damp spot in wood road
west slope below High Point. e

7405 *Lespedeza violacea* (L.) Pers. ✓ ditto
(2) In wood road with * 7404
also in broadleaf fields. e

Hieracium scabrum Michx. Bull Run mt., Va
In woods, west slope
7406 near High Point cliffs. Sept. 10, 1939
H.A. Allard
(1) abundant. e

7407 *Thalictrum dioicum* L. ditto
(1) Colony under huge tulip poplar tree
in woods, west slope near High Point. e

7408 *Leucobryum album* ditto
(1) on soil on slope at foot of
High Point cliffs. Large area
pure, and very beautiful with its
light yellowish green.

7409 *Panicum ashei* Pers. ditto
(2) on cliffs at High Point, west
slope just below crest. e

7410 *Stemphyllia capillaris* (L.) Britton ditto
(1) In thin sandy soil on cliff shelf
at top of High Point cliffs.
abundant here. *Bulbostylis capillaris* (L.) C.B. Clarke

7411 *Lespedeza hirta* (L.) Hornem. ✓ ditto
(3) On High Point ridge gas trail
to High Point, and just south
of High Point cliffs. very abundant
on dry wooded hills etc., here.

7412 *Polygonum scandens* L. ditto
(2) climbing high over bushes N. of Thoroughfare
Gap - near * 7385; abundant. e

Casalia atriplicifolia L ✓ Bull Run Mt., Va
in woods east of Tangier Co.
7413 Sept. 10, 1939
Broad Run station H.G. Allard.
red slope on way to High Point Cliffs.

7414 *Casalloriza odontorhiza* Nutt. ditto
in damp, rich woods red slope
below High Point Cliffs.
abundant: in colonies usually.

7415 *Conyza semperfervens* L. Pers. ditto
on High Point Cliffs: in flower: passing.
My first Bull Run record; very few plants:
a few seedlings only, not two mature plants.

7416 *Cyperaceae* (Muhl.) Vahl. Poplar Island,
Chesapeake Bay, Talbot Co.,
several miles off Eastern
shore. Sept. 17, 1939
H.G. Allard, Maryland
on eastern shore in
low marsh: nearly lost.

7417 *Gramineae*. ditto
(8) with #7416, forming dense, matted
stands over great areas of low marsh.

7418 *Spartina alterniflora* ditto
with #7416: abundant and
on saline shores here.

7419 *Scirpus robustus* Pursh ditto
(2) with #7416: scattered
here: not abundant.

Spartina
in salt marsh
7420 on beach near
13/ #7416

Poplar Island
Chesapeake Bay
Talbot Co., Md.
Sept. 17, 1939
H.G. Allard.

7421 *Bidens aristata* ditto
13/ Near #7422

Galesville, Md
Sept. 17, 1939
H.G. Allard
Prince Georges Co.

7422 *Andropogon virginicus* L ditto
13/ Near #7421

7423 *Aster subulatus* Michx. ditto
15/ Rays very short faint lilac to purplish.
in pine woods near shore; one colony, full
bloom: Have never found this aster before.

7424 *Baccharis halimifolia* L ditto
Near #7423. Extremely common
along shore margin; staminate &
mitellate; full bloom. Saw me and
classmate of our office, Tolamr, on

7425 *Solidago semperfervens* L ditto
12/ in marsh east shore; abundant.
full bloom

7426 *Cuscuta obtusiflora* HBK. ditto
on *Baccharis halimifolia* L
very abundant in this in marsh
on east shore; also on *Solidago semperfervens* L

Eupatorium serotinum Michx. Poplar Island,
Chesapeake Bay,
Talbot Co., Sept. 17, 1939
H.A. Allard,
(b) # 7423; abundant; full bloom.

7428 *Atriplex patula*
var *hastata* (L.) Gray.
with # 7427; abundant;
hastate. ditto

7429 *Rhus camphorata* (L.) DC. var. *sacculata* Torr.
(4) In marsh east shore;
abundant on island in red soil;
showy. ditto

7430 *Cladonia*.
on soil and just west of Woodstock, Va.
(2) dead log on bark. on soil and bark of log.
= *C. macilenta* f. *styracella* (Ach.) Wain. Sept. 24, 1939
H.A. Allard.

7431 = *Cladonia chlorophaea* (Floerke) Wain.
(1) cups ditto
with # 7430 7431A = *C. coniocraea* f. *ceratodes* (Floerke) Wain.

7432 *Asiotheca pumila* L North Mountain, West Va.
on red slope well near Sugar Knob,
of clearing from Trout Hardy Co.
Run to Tower (Aniakton) Sept. 23, 1939
H.A. Allard.

7433 *Gramineae*
(1) Near # 7432 ditto

Aster discariatus West slope of North Mt.,
West Va., near Sugar Knob.
with # 7432 Hardy Co., Sept. 23, 1939
H.A. Allard
7434 near Aniakton Tower.
(1) Leaves not long acuminate.

7435 *Gerardia laevigata* ditto
(1) Near # 7434
Leaves very narrow.

7436 *Viola canadensis* L ditto
(1) Near Trout Run in damp
soil west slope in cleared
area; in flower.

7437 *Erechtites hieracifolia* (L.) Raf. ditto
(2) In cut over rd tunnel area
leading from Trout Run to Aniakton Tower.
full bloom.

7438 *Chelone glabra* L ditto
(3) Flowers whitish or pinkish
In red soil near # 7437 - where
cut over area is half way up to crest 3300 ft.

7439 *Aster macrophyllus* L ditto
(1) Near # 7438 - ie at
east spring of slope.

7440 *Eupatorium verticillifolium* Reichenb. ditto
(1) with # 7438 - ie in
clearing of mountain to tower; abundant,
full bloom.

Eupat. Calium

74 7441 ^{on mountain slope, west slope of North Mt., west Va., near Sugar Knob, Sept. 23, 1939, H.G. Allard.}
(6) (3) Variation - Toner.

74 7442 *Sorbus americana* ditto
(11) (3) Coarsely-toothed juvenile leaves on trees cut down in area to Toner from Trout Run: compare with fine teeth of mature leaves.

74 7443 Red Oak ditto
(14) (5) *Quercus borealis* - northern form (acorns and leaves) - acorns cups deep: nut long, pointed; nut a shallow saucer like ones here.

74 7444 *Quercus ilicifolia* Wang. ditto
(2) (5) juvenile leaves from cut-over trees, - ie from low basal sprouts of one summer's growth: compare with normal leaves of #7445

74 7445 *Quercus ilicifolia* Wang ditto
(11) (7) Normal leaves of full-grown trees at top of mt. (3300 ft.) at variation Toner. very abundant, nearly pure stand here.

74 7446 *Solidago erecta* Pursh. ditto
(11) On trail from Sugar Knob down to Trout Run. Near top of plateau here.

74 7447 *Munz* ditto
(11) (several) On rocks of walled-in spring on Sugar Knob-Trout Run trail - near top

July 1-4, 1939 west Va. To Canaan valley, with Mr. & Mrs. Klunger, 1939
July 8- July 28, To maine, Patten, etc. with Bill and Dr. Brandes
August 6, 1939, To area S. of Hagerell Gap and to High Point slope with T.
August 14, 1939, To area S. of Hagerell Gap, High Point etc., with A.B. Gurney.
August 24, 1939. To North mt., west Va. in Trout Run, Sugar Knob area with A.B. Gurney.

#7287 and #7287a: variant leaves and normal leaves of *Sorbus americana* on North mt., west Va., August 24, 1939
Aug. 27, 1939. To area N. of Hagerell Gap with S.R., walking from negro house at turn of road nearly to Halfway, over farm of 1939 (April).

Sept. 3, 1939. To area N. of Bowler's Mill on High Point ridge to High Point, and on ridge east, and the valley and valley road between with T.
Route taken.

Sept. 10, 1939. To west slope of High Point ridge and North of Thoroughfare Gap to High Point with D.

Sept. 17, 1939. To Poplar Island,
in Chesapeake Bay, Talbot Co.,
with Clarence Beatty (Tofano, Ind.)
Doris, Roy, Aubrey Babcock and
Harvard Allard. Very windy in P.M.
sailed to island in Siegler's sailboat,
the Seacloud.

Sept. 23 and 24, 1939. To west slope and
top of North Mt., from Trail Run to
aviation tower of closed area, and
coming down trail via Half Moon
shelter. Sept. 24. Take # 601. on
U.S. route # 11 (Valley Pike) just
north of roadstock, continuing over
mountain past power line tower
and down west slope, driving N
on to # 55 to Strasburg. Went
with T—

All Juncaceae, Cyperaceae
in this book, identified by
Dr. F. J. Hermann.

Panicum carota L., forma roseus
Fernald, occurs at Hapenell Gap
etc. (collect!)

all numbers with symbol e card
indexed and checked.

All willows checked or identified
by Dr. E. D. Ball. See *Salix pellita*
7068 & 7102, perhaps southernmost
limit (for this species).

7447: *Eurychorda glaucum* (Hedw.) Kuhn.
Eurychorda glaucum (L.) Donnell.

7447a: *Sclerophylax nemorosa* (L.) Donnell.
7447b: " plus *Marsipella sphacelata*
(Sisseeke) Donnell.

7447c: *Thuidium delicatulum* (Hedw.) Mitt., plus
Anacamptis palustre (W. & M.) Schum.

7447d: *Brachythecium oxycladum* (Brid.) J. & S.
(very slender), plus *Anacamptis palustre* (W. & M.) Schum.
plus *Hypnum reptans* Mx.

7447e: *Anacamptis palustre* (W. & M.) Schum.
plus *Thuidium* sp., plus *Eurychorda*
serotinum (Hedw.) Kuhn.