

Book No. 15

H. A. ALLARD

FIELD COLLECTION NUMBERS

19021-20359

15 ALLARD FIELD NOTES 19021-20359

Ligustrum quiboui Carr.
Found on Triassic near Bull Run Stream
several years ago -

Visited my old farm (known then as
the David Waite place), Oxford, Mass.,
June - July 1949. Arrived in Oxford,
June 25. Left Oxford July 3, 1949.
55-60 years ago I found a rare blackberry
which then was identified by some one
at Cambridge, Mass., as *Rubus setosus* Bigelow.
In a recent monograph, E. H. Bailey
note of the puzzle of this species.
In a letter to Dr. Bailey, he replied
that he would be greatly pleased if
I would revisit and try to obtain
material of this *Rubus*. June 26
I visited this particular shale and
found the blackberry still present.
I think is what Dr. Bailey now
calls *Rubus nigricans* Rydb. Other
species were collected - see 19492-19493,
19499, 19500, 19501, 19503, 19504, 19505,
19506, 19507, 19508.

Proper name of *Nieracium gressii* ^{intermittent} ~~at~~ ^{Hay}
of Manual should be *H. trailii* Greene
(see Pittonia 4:226. 1900)

A ... species was named ...

mes
too
it species

-1952.

50174

Manufactured by
U. S. Government Printing Office

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19499, 19500, 19501, 19503, 19504, 19505,
19506, 19507, 19508.

Proper name of Hieracium greenii ^{A. Gray}
of Manual should be H. trailii ^{Green}
(see Pittonia 4:226. 1900)

a western species was named
H. greenii A. Gray. (See Proc. Am.
Acad. 19:69. 1883.) The two names
H. greenii and H. greenii are too
similar to be used for different species.

Allard, H. A. Mass., Va., W. Va. 1948-1952.

Book 15.

Field Notes nos. 19021 - 20359.

50174

Manufactured by
U. S. Government Printing Office

Bryophytes Near High Point,
Bull Run Mountain, Va
Feb. 29, 1948
H. A. Allard
north of Thoro fare Gap
2 1/2 miles
In chestnut oak and hickory woods,

19021

19022

19023

19024

19025

19026

19027

ditto

ditto

ditto

ditto

ditto

ditto

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2100

Phytophytes near High Point,
Bull Run Mountain, Va
19028 Feb, 29, 1948, H.A. Allard

19029

ditto

19030

ditto

19031

ditto

19032

ditto

19033

ditto

19034

ditto

Phytophytes - near # 19028
same date, etc

19035

ditto

19036

ditto

19037

ditto

19038

ditto

19039

ditto

19040

ditto

19041

Bryophytes - near High Point,
Bull Run Mountain, Va.
Feb. 29, 1948. H.G. Allard
19042

19043

ditto

19044

ditto

19045

ditto

19046

ditto

19047

ditto

19048

ditto

Near # 19042 -
Bryophytes Same date, data
19049

19050

ditto

19051

ditto

19052

Puff ball on
ground in woods.
Chert and oak and hickory woods.

ditto

19053

Lichens on logs
etc., near # 19042

ditto

19054

Bryophytes near
19042

ditto

19055

Bryophytes near
19042

ditto

Bryophytes in chestnut oak and
highway woods near High Point,
Bull Run Mountain, Va
19056 Feb. 29, 1948
H.A. Allard

19057 Algae on cracked
fungus on log - near
19056
same date etc

19058 Bryophytes - near
19056
same date etc

19059

ditto

19060 Moss
wet rocks in over flow from
big spouting spring at Thorfare Gap.
March 14, 1948
H.A. Allard

19061 Moss -
ditto

19062 Moss ditto

Moss. on ^{wet} rocks, stones in over flow
below spouting spring

19063

March 14, 1948
H.A. Allard.

19064 Moss. ~~with~~ # 19063 ditto
near
on damp rocks in wall at
Beverly Mill.

19065 Hepatic on bark of tree
on trail to High Point,
above spouting spring
March 14, 1948
H.A. Allard.

19066 Moss on wet rocks in over flow
below spouting spring.
March 14, 1948
H.A. Allard.

19067 Moss on bark of tree
near ground - on trail
above spouting spring.
March 14, 1948
H.A. Allard.

19068 Moss on north side of
chestnut oak - on trail
to High Point
March 14, 1948
H.A. Allard.

19069 Moss on log near # 19068
ditto

Moss.
On soil on High Point Trail.
March 14, 1948
H.A. Allard.

✓ 19070

✓ 19071 Moss. On log at High Point ditto

19072 Moss - On soil near # 19070 ditto

✓ 19073 Moss at base of tree
on trail to High Point ditto

✓ 19074 Cladonia - heads brownish
On soil near High Point. ditto

19075 Moss on soil near # 19074 ditto

✓ 19076 Moss - at base of tree near
High Point (on trail). ditto

Hepatic. On bark of tree
on trail near High Point
March 14, 1948
H.A. Allard.

19077

19078 fungi. On log, near # 19077. ditto

19079 Moss - at base of tree
near # 19077 ditto

✓ 19080 Moss - on tree near
19077 ditto

✓ 19081 Moss - at base of tree
near # 19079 ditto

✓ 19082 Hepatic - On oak tree
near ground, north side,
near # 19079 ditto

✓ 19083 Moss.
On soil near # 19079 ditto

Moss on log, on trail
on way to High Point.
19084 March 14, 1948
H.A. Allard.

✓ 19085 Hepatic at base of chestnut
oak on north exposure,
near # 19084. ditto

✓ 19086 Moss on tree at base
on north exposure
near # 19084 ditto

✓ 19087 Moss at base of tree
near # 19084 ditto

✓ 19088 Moss at base of tree
near # 19084 ditto

✓ 19089 Moss - at base of
tree near # 19084 ditto

✓ 19090 Moss. at base of tree
near # 19084 ditto

Moss at base of chestnut oaks
on trail to High Point
near # 19084

✓ 19091 March 14, 1948
H.A. Allard,

✓ 19092 Moss - on soil on trail
near Thorofare Gap.
on trail to High Point. ditto

✓ 19093 Polytichum - On soil
on trail to High Point -
near Thorofare Gap. ditto

✓ 19094 Moss on soil near
19093 ditto

✓ 19095 Hepatic at base of
chestnut oak on trail
near # 19093 ditto

✓ 19096 Moss on outcropping ledges
in railroad cut at
Beverly Mill, Thorofare Gap. ditto

✓ 19097 Moss - on ledges near
19096 ditto

Moss on outcropping ledges
✓ at Thorofare Gap at Beverly Mill.
March 14, 1948.
H.A. Allard.

19098

✓ 19099 Moss on soil on
trail to High Point
near Thorofare Gap.

ditto

✓ 19100 Moss - on soil
near # 19099

ditto

✓ 19101 Moss on ledges
with # 19098

ditto

✓ 19102 Moss on ledges
with # 19098

ditto

✓ 19103 Moss on ledges
with # 19098

ditto

✓ 19104 Moss on soil in H.A. Allard's
yard, 3000-7th St., North,
Wilmington, Va. March 18, 48.

Moss - on soil near # 19104
same date, data.

19105

✓ 19106 Moss on soil near
19104 March 18 ditto

✓ 19107 Moss on soil in yard
near # 19104. March 18. ditto

✓ 19108 Moss at base of tree, north
side, at High Point, Bull Run
Mountain, March 21, 48

✓ 19109 Hepatic on rocks near High Point,
on east slope. March 21, ditto

✓ 19110 on rock at High Point, March 21
Moss.

✓ 19111 Moss at vent of spring
at foot of east slope, Belmont
High Point, 2 miles north of
Thorofare Gap. 3/21/48

Moss at overflow of spring on east
slope Bull Run Mt., below High Point,
2 miles north of Thorofare Gap,

19112

3/21/48

19113 moss. with # 19112

19114 Moss - On rock with # 19112.

19115 Moss. with # 19112

19116 On wet rock in brook 2 miles
north of Thorofare Gap, near # 19112

19117 Moss - On rock in brook
near # 19116

19118 Moss on bank near
19116

Moss on bank along brook
near # 19116. 3/21/48

19119

19120 Moss in ravine near brook
near # 19116 3/21/48

19121 Moss at foot of tree along
brook, near 19116

19122 Moss on bank of same
brook near # 19116, 2 miles
north of Thorofare Gap -

19123 Moss on bank of brook
with # 19116

19124 Moss on bank of brook
with # 19116

19125 Moss on bank of brook
near # 19116

ditto

ditto

ditto

ditto

ditto

Moss on bank on brook
2 miles north of Thorofare Gap,
at foot of east slope of High Point
19126 ridge. 3/21/48

✓
19127 Moss with # 19126, on bank
3/21/48.

✓
19128 Moss on bank near # 19126 ditto

✓
19129 Moss on bank near # 19126 ditto

✓
19130 Moss on soil near Thorofare Gap
in woods north of railroad 3/21/48

✓
19131 Moss on soil with # 19130 ditto

✓
19132 Moss on soil near # 19130 ditto

Moss on soil near # 19130
3/21/48.

19133

✓
19134 Moss on soil near # 19130
3/21/48

✓
19135 Moss on inside of moist concrete
basin, covering it with a
pure stand. 3/30/48
on Allard's grounds H.A. Allard.
3000-7th St. North, Arlington, Va.

19136 Moss on soil in Allard's
garden. 3/30/48 ditto

✓
19137 Moss on soil in Allard's garden
3/30/48.
H.A. Allard.

✓
19138 Hepatic in water in overflow
of spring near # 19112.
coll. 3/21/48
out of consecutive order H.A. Allard

✓
19139 Moss - on wet rocks in brook
2 miles below (south) of
Thorofare Gap at next gap below
Thorofare. April 4, 1948. H.A. Allard.

Moss on wet rocks in bog along brook
in next gap south of Thorofare Gap
in Pond Mountain - 2 miles below.
19140 April 4, 1948
H.A. Allard.

19141 Mosses on wet rocks
with # 19140 ditto

19142 Mosses on rocks overflashed
by brook - near # 19140. ditto

19143 Mosses on rocks overflashed
by brook - near # 19140 ditto

19144 Mosses on soil in swamp
overgrown with brush 2 miles south
of Thorofare Gap and east of New Baltimore
road from Thorofare Gap. April 4, 1948
H.A. Allard.

19145 Mosses on bank of brook
in woods near # 19144 ditto

19146 Mosses on bank of same
brook near # 19144 ditto

Mosses at foot of tree near
brook in swamp, near # 19144.
April 4, 1948
H.A. Allard

19147

19148 Mosses at foot of tree near
19147 ditto

19149 Mosses at foot of tree
near # 19147 ditto

19150 Algae in pool in woods
near Broad Run 2 miles
below Thorofare Gap. April 4, 1948
H.A. Allard.

19151 Mosses on soil on Triassic
conglomerate ledges along
Broad Run 1 mile below
Thorofare Gap. April 4, 1948
H.A. Allard.

19152 Mosses on soil on ledges
near # 19151 ditto

19153 Mosses on decayed log on same
ledges near # 19151 ditto

Mosses on Triassic Conglomerate
ledges along Broad Run 1 mile
below Thoroughfare Gap. April 4, 1948
19154 H. A. Allard,

✓ 19155 Mosses on log near # 19154

ditto

✓ 19156 Mosses on Linney Conglomerate
ledges with # 19154

ditto

✓ 19157 Mosses on log on same
conglomerate ledges with
19154

ditto

✓ 19158 Mosses at foot of tree on
same Triassic conglomerate
ledges with # 19154

ditto

✓ 19159 Mosses on same Triassic
conglomerate ledges with
19154

ditto

✓ 19160 Mosses on log on same
ledges near # 19154

ditto

Mosses on conglomerate ledges (Linney)
below Thoroughfare Gap 1 mile.
April 4, 1948
19161 H. A. Allard,

✓ 19162 Mosses on soil on same
rocks near # 19161

ditto

✓ 19163 Mosses on same ledges
with # 19161

ditto

✓ 19164 Mosses on same ledges
near # 19161

ditto

✓ 19165 Mosses on same conglomerate
ledges near # 19161

ditto

✓ 19166 Mosses at foot of tree
on same ledges near # 19161

ditto

✓ 19167 Mosses on same ledges
near # 19161

ditto

Mosses on limy Triassic conglomerate
ledges below Thorofare Gap, mile
19168 April 4, 1948. H.A. Allard.

19169 Mosses on same ledges
near # 19168 ditto

19170 Mosses on same ledges
near # 19168 ditto

19171 Mosses just south of Thorofare
Gap in ^{dry} brown sedge pasture.
April 4, 1948
H.A. Allard.

19172 Mosses on same dry pasture
slope near # 19171 ditto
April 4
H.A. Allard.

19173 Mosses on conglomerate ledges
near # 19168 ditto

19174 On bank along highway to
New Baltimore near Thorofare
Gap. ditto

Mosses on soil near # 19174
April 4, 1948
H.A. Allard.

19175

19176 Mosses on soil near
19175 ditto

19177 Mosses on bank along
brook plunging east through
next gap south of Thorofare Gap
in ^{Pond} Mt. about 1 mile or more
from Thorofare Gap. 4/11/48.
H.A. Allard

19178 Mosses on wet rocks
near # 19177 ditto

19179 Moss on wet rocks near
19177 ditto

19180 Mosses on soil near
19177 ditto

19181 Hepatic on damp boulder
along brook near # 19177 ditto

Moss on wet rocks along brook in
next gap south of Thorofore Gap one
mile or more in Pond Mountain.
19182 April 11, 1948.
H.G. Allard.

19183 Mosses on humus soil
along brook near # 19182 ditto

19184 Green lichens on beech tree
near # 19182 ditto

19185 Lichens on trunk of young
tulip poplar near # 19182 ditto

19186 Hepatic east of New Baltimore
pike in swamp 2 miles south
of Thorofore Gap. On old tree trunk ditto

19187 Moss on soil in old pasture
near # 19186 ditto

19188 Moss on damp soil in
meadow near # 19186. ditto

Small white fungi on dead twigs in
swamp near # 19186. 4/11/48
H.G. Allard
19189

19190 Hepatics on trunk of
hackberry along Broad Run
2 miles south of Thorofore Gap.
4/11/48
H.G. Allard.

19191 Mosses on log near # 19190 ditto

19192 Lichens on hackberry trunk
near # 19190 ditto

19193 Bluish gray lichens (Parmelia?)
on trunk of hackberry near
19190 ditto

19194 Lichens on trunk of
hackberry near # 19190 ditto

19195 Hepatics on trunk of
hackberry near # 19190 ditto

Lichens on bark of hackberry trunk
along Broad Run 2 miles below
Thorofare Gap. 4/11/48
19196 H.A. Allard.

19197 Lichens on hackberry trunk
near # 19196 ditto

19198 Lichens on big stem of
poison ivy on tree near
19196. ditto

19199 Hepatics on trunk of huge
hackberry tree near # 19196 ditto

19200 Hepatics on big stem of
poison ivy near # 19196 ditto

19201 Hepatics on big stem of
poison ivy on tree near
19196 ditto

19202 Hepatics on bark of
hackberry near # 19196 ditto

Mosses in wet soil in
meadow 2 miles south of
Thorofare Gap, along Broad Run.
4/11/48
19203 H.A. Allard

19204 Mosses in same soil
near # 19203 ditto

19205 Mosses on log on Triassic
conglomerate ledges on
Broad Run, right bank (damp)
1 mile below Thorofare Gap ditto

19206 Mosses on conglomerate
ledges near # 19205 ditto

19207 Blue green alga in water
in spring over bluff, west slope of
Pond mountain $1\frac{1}{2}$ miles south
of Thorofare Gap. ditto

19208 Bright green moss on wet soil
west slope Pond Mt., near
next gap below Thorofare Gap. 4/18/48
H.A. Allard,

19209 Mosses at foot of Tulip poplar
at ground, along brook in second
gap in Pond Mt., south of Thorofare Gap.
 $1\frac{1}{2}$ miles or more from Thorofare Gap. ditto

Hepatic on north side of white oak tree
2-3 feet from ground, on west slope of
Pond Mountain 1-1½ miles south
19210 of Thorofare Gap. 4/18/48

H. A. Allard

19211 Hepatic on thin soil layer on
wet rocks almost in water on
Triassic conglomerate ledges along
Broad Run 1 mile below Thorofare Gap.
ditto

19212 Hepatic on thin soil on
wet rocks near # 19211
ditto

19213 Hepatic on north side of Tulip Poplar
3 feet from ground in west gap in Pond
Mountain south of Thorofare Gap 1-1½
miles.
ditto

19214 Hepatic and moss on soil
on bank close to water level of
Broad Run near # 19211
ditto

19215 Carex in dry woods on
Triassic conglomerate outcrops
near # 19211
ditto

19216 Moss on stone in dry woods.
on east slope of ridge 2 miles
south of Haverell Gap.
(north) April 25, 1948
H. A. Allard.

Moss near # 19216 on north side
of tree near ground. same date, data

19217

19218 Hepatic on bark on north side
of white oak 3 feet from ground,
near # 19216 ditto

19219 Hepatic on bark of tree, north
side 3 feet from ground near # 19216
ditto

19220 Hepatic on bark of hickory
tree north side, 3 feet from ground
near # 19216 ditto

19221 Moss on rock near
19216. ditto

19222 Moss on dry sterile soil
near # 19216, in dry oak
woods. ditto

19223 Moss on dry sandy soil
near # 19216. ditto

Moss on soil in dry oak woods
on east slope of ridge 2 miles
north of Hopewell Gap.

19224

April 25, 1948

H.A. Allard

19225 Moss on soil in woods
near # 19224

ditto

19226 Moss at foot of tree, north
side near # 19224

ditto

19227 Hepatic on north side of
hickory tree, 3 feet from
ground, near # 19224

ditto

19228 Hepatic on tree just north
of Hopewell Gap on east slope of
middle ridge near ground

ditto

19229 Carex on dry wooded slope
in chestnut oak woods
near # 19224 May 2, 1948
H.A. Allard.

19230 Oxalis repens Thunb.
in pine woods on east slope of middle
ridge near # 19228 May 2, 1948
fl. bright yellow. H.A. Allard.

Carex - very narrow leaves
on bank of brook in swamp. 2 1/2 miles
north of Hopewell Gap at foot of
easternmost ridge, west slope.

19231

not common

May 9, 1948

H.A. Allard.

19232 Moss in moist soil
at run off of spring on
west slope of easternmost ridge,
near # 19231

ditto

19233 Moss in drift of spring
at # 19232

This spring on side of wood road.

ditto

19234 Moss on bank of same
spring near # 19233

ditto

19235 Moss on ground in swamp
near # 19231

ditto

19236 Moss at foot of tree in
swamp near # 19231

ditto

19237 Moss on soil at base
of tree near # 19231

ditto

Lichen at foot of tree in swamp
at foot of west slope of easternmost
ridge north of Hofferell Gap
19238 2 1/2 miles.

May 9, 1948

H. G. Allard

19239 Moss on tree near ground
in swamp near # 19238

ditto

19240 Moss on soil at foot
of tree near # 19238

ditto

19241 Moss on soil on bank
near # 19238

ditto

19242 Moss on wet soil
near # 19238

ditto

19243 Sphagnum.
on wet soil in low swamp
near # 19238

ditto

19244 Ulmus - small shrubby stature
on cliffs near Mountain Run
2 miles N. E. of Lignum, Culpeper Co., Va.
May 15, 1948
H. G. Allard.

Panicum Very slender; narrow
leaves; in woods near
19244 Same data, later

19245

May 15, 48

H. G. Allard

19246 Sisyrinchium gramineum
on wood road near # 19244

ditto

19247 Oxalis -
leaves purplish brown above
in woods with # 19246.

ditto

19248 Small plant; leaves whorled.
In low spot in pasture near
19244; in bud only.

ditto

Galium

19249 Hieracium venosum
var. See Herupld.
in woods with # 19246

ditto

19250 Carex
in woods on wood road
near # 19246

ditto

19251 Panicum
in woods on top of middle
ridge of Bull Run Mt., near
Hofferell Gap, north of gap. May 16, 48
H. G. Allard.

Hieracium venosum

On dry bank in woods at
19252 Hopewell Gap, at end
of middle ridge. May 8, 48
H.A. Allard

19253 Carex
In wet spot by roadside
near meadow at Hopewell Gap.

ditto

19254 Moss on rocks
In deep wooded ravine
at Hopewell Gap, near old bathing
pool.

ditto

19255 Callitriche
In brook in Jackson Hollow
2 miles north of Hopewell Gap
May 23, 1948
H.A. Allard

19256 Vitis ampelopsis trifidunculata Koefer
Very pubescent branches.
Vine scrambling over shrubs along
cattwood near # 19255. A dunny near.
Syn. (V. heterophylla var. amurensis Planch.)
Japan, Manchuria, North China.

19257 In wet, cold soil in wooded
Caret swamp - along brook near
19256 -

ditto

19258 Carex same species
as 19257 ditto
along brook in swamp near
19257.

Cyperaceae

In wet soil near # 19257
Eleocharis tenuis

19259

May 23, 1948
H.A. Allard

19260 Cladonia (heads red)
On stump near # 19259

ditto

19261 Moss
On rocks washed by water
in brook near # 19259.

ditto

19262 Moss on stones
submerged in brook -
near # 19259

ditto

19263 Carex leptalea?
In swamp - on bank of
brook near # 19262.

ditto

19264 Grass In wet soil
with # 19262

ditto

19265 Siagrinidium gramineum Curtis
In pasture, east slope of Pond
Int. 1 1/2 miles to 2 miles below
Thorofore Gap (south); east of New Baltimore
highway. Very abundant.
May 30, 1948
H.A. Allard.

Carex
In swamp along Broad Run 2 miles
south of Thorofare Gap, in Pond Mt.
area. Common here.

19266

May 30, 1948

H.A. Allard

19267 *Eromyza atropurpurea* Jacq.
On bank of Broad Run near
19266; Not in flower ditto

19268 *Cilene*
fl. white. In old field
near # 19266. ditto

19269 *Carex*. On roadside on
mountain overlooking Germany
valley, on route 33 from Frankfort.
June 9, 1948
Pendleton Co. W. Va. H.A. Allard.

19270 *Brassica*-
On road 1 1/2 miles north
of Thorofare Gap between High Point
ridge and ridge east of High Point.
June 13, 1948
H.A. Allard.

19271 Moss on rocks on east slope
of High Point ridge, about opposite
High Point ditto

19272 *Panicum* in thin soil
on rocks at High Point, 2 1/2 miles
north of Thorofare Gap. ditto

Panicum in thin soil on rocks
at High Point near # 19272.

19273 spikelets purple-tinged.
June 13, 1948
H.A. Allard.

19274 *Rubus* - on cliffs at
High Point blackberry and
primocane June 13, 1948
H.A. Allard.

19275 *Brassicaceae*
a single plant along trail
near High Point above.
June 13, 1948
H.A. Allard.

Arabis

19276 Moss on bark at foot of white oak
along valley road north of
Hopewell Gap, to Jaysport Hollow -
1 1/2 miles from Hopewell Gap.
June 20, 1948 H.A. Allard

19277 Moss and hepatica - on
soil beside # 19276.

19278 Moss
On old bark at foot of tree
near # 19276 ditto

19279 Moss on old bark at foot
of tree near # 19276 ditto

Callitriche heterophylla Pursh.
In brook 2 miles north of Hoperell
Gap on road to Jackson Hollow.
19280 June 20, 1948
H. G. Allard.

19281 ^{12/} *Callitriche* 2 1/2 miles north of Hoperell
Gap on road near turn not
far from # 19280

(Not in flower; a rampant vine.)
Ampelopsis brevipedunculata Koenig ditto

19282 Fungus spot on spice bush,
In woods near # 19281

ditto

19283 *Moxotropa hypopitys* L.
On middle ridge 1 mile north of
Hoperell Gap - in dry oak woods.
ditto

19284 Lichen on ledges near
19283 - smooth, black
beneath - with *umbilicaria*

ditto

19285 *umbilicaria* with
19284 at about 1100 ft
on rocks and ledges.

ditto

19286 *Juncus*. On middle ridge
just east of road through Jackson
Hollow - 1/2 mile north of Hoperell
Gap.

ditto

Arabis On ridge in
clearing around rock quarry
19287 near # 19286 June 20, 48
H. G. Allard.

19288 Near Jackson Hollow north
of Hoperell Gap, Bull Run Mt., Va.
2 miles between westward July 4, 1948
ridge road next ridge east.
In low ground. *Commune* H. G. Allard

19289 In wet ground near
19288 -
Arrowhead leaves.

ditto

19290 *Callitriche heterophylla* Pursh.
In brook near # 19288.
From same colony as # 19280.

ditto

19291 *Hypericum*
In low ground near # 19288.

ditto

19292 *Ampelopsis*
From same plant # 19281
and # 19256 (see locality) ditto
Petals fully expanded. Only a few
flowers open today July 4. *Commune* H. G. Allard

19293 *Andropogon* with *blanca* (some).
Fern in wet soil in woods at spring
on west slope of High Point ridge 2 miles
north of Thorofare Gap. July 11, 1948
H. G. Allard

Adelphia, in meadow near
Broad Run Station, Bull Run Mt.,
Va. In damp soil,
19294 July 11, 1948
fl. deep rose red, H.A. Allard

19295 In same meadow
with # 19294 ditto
Scutellaria

19296 *Galium*
In wet soil in meadow
along brook near # 19294 ditto

19297 *Xeromiscus myosotis*
In damp soil with # 19269 ditto

19298 *Rudbeckia*
along railroad near
Bersley Mill, Thoro fare Gap. ditto

19299 *Composita*
along railroad near Bersley
Mill, Thoro fare Gap. ditto

19300 *Sorghum halapense*
(Johnson grass)
along railroad at Bersley Mill,
July 18, 1948
H.A. Allard,

Bull Run Mountain: roadside
at Thoro fare Gap on route 600
July 25, 1948
H.A. Allard.

19301

Pycnanthemum

19302 Dodder (*Cuscuta*) on
Lespedeza in old field on west
slope of Pond Mountain one mile ditto
south of Thoro fare Gap.

19303 Fungus on leaves of spice bush
along Broad Run below Thoro fare Gap;
(note fungus)
(insect injury) April 4, 1948
H.A. Allard.

19304 Moss on sandstone rocks
on Canaan Mountain north of
Bearden Brook, Tucker Co., W. Va.,
at near 3800-4000 ft. Aug. 7, 1948
H.A. Allard.

19305 *Habenaria clarellata*
in sphagnum bog near # 19304 ditto
Dense stands here.

19306 *Spiraea latifolia*?
In damp soil on knoll
near # 19304. ditto

19307 *Eriophorum*
in bog with # 19305 ditto

along wood road on slope of
Bearden Knob near 3700 ft., Tucker Co.,
W. Va., near Davis. Aug. 7, 1948
19308 H.A. Allard,

19309 Moss 4½ miles up Red Run
from road to Dolly Sods and
Petersburg, W. Va., Tucker Co., in
wildlife preservation area. Aug. 8, 1948
On wet cliffs. H.A. Allard.

19310 Moss. On soil 3 miles
up Red Run above. Aug. 7, '48 ditto

19311 Moss on bark of old log
near # 19310 ditto

19312 Mosses etc on soil near
19310 ditto

19313 Mosses etc on soil near
19310 ditto

19314 Mosses etc. on soil near
19310 ditto

Mosses on soil near # 19310
3 miles up Red Run from road
to Dolly Sods and Petersburg.
Aug. 8, 1948
19315 H.A. Allard

19316 Mosses etc. on soil
near # 19310 ditto

19317 Mosses on soil near # 19310 ditto

19318 Mosses on soil near # 19310 ditto

19319 Mosses 4½ miles up Red Run
above, on wet cliffs. ditto

19320 Mosses on same cliffs
with # 19319 ditto

19321 Mosses on same wet,
dripping cliffs with # 19319 ditto

on rocks in water 3 miles up
Mosses Red Creek, from road to Dolly Sods
and Petersburg, W. Va., Tucker Co.

19322

H. A. Allard,
Aug. 8, 48

19323 Aster: fl. blue. Along Red
Run near # 19322

ditto

19324 Cuscuta on goldenrod,
along Red Run near # 19322

ditto

19325 Carex
on wet cliffs $4\frac{1}{2}$ miles up,
same Red Run above. Aug. 8, 48
H. A. Allard.

19326 Phacopteris
on wet cliffs with # 19325

ditto

19327 Grass
in damp woods near
19325

ditto

19328 Mosses on wet cliffs $4\frac{1}{2}$ - 5 miles
up Red Run near # 19325

ditto

Mosses on old log near
19325, Aug. 8, 48
H. A. Allard

19329

19330 Pink flowered form of
Pennellia vulgaris. Two
colonies seen. 4 miles up
Red Run, on trail. Aug. 8, 48
H. A. Allard.

19331 Mosses on log on
Cabin Mountain trail near
Red Creek - Aug. 9, 48
Handy Run H. A. Allard
2 miles from highway to Dolly Sods.

19332 Fungi on beech 2 miles up
Handy Run from highway to
Dolly Sods and Petersburg, Tucker Co.,
W. Va. Aug. 9, 48, H. A. Allard
Hypoxylon chaeroph. Pers. sp. fr. Det. W. W. Diehl

19333 In wet moss in bog 1 mile
up Yokum Run, Tucker Co., W. Va.
Aug. 9, 1948. H. A. Allard

Peculiar slender black fungus
sticking up from moss || *Xylaria* sp. tall & corner-dance
19334 Moss on log (Det. W. W. Diehl.)
on Yokum Run near # 19333

ditto

19335 *Arizacoma* in damp
woods on Cabin Mountain
trail near # 19331

ditto

Nettle - In deep rich woods
2 1/4 miles up Sandy Run from
roadway to Dolly Sods and
19336 Petersburg, Tucker Co., W. Va.
Aug. 9, 48
H. A. Allard.

19337 Fern.
on Sandy Run near highway
to Dolly Sods and Petersburg,
Tucker Co., W. Va. Aug. 9, 48
H. A. Allard.

19338 Lichens
on sandstone rocks 4 1/4 miles
up Fisher Spring trail near
Red Run, 1/2 brook highway to Dolly
Sods and Leesville, Tucker Co., W. Va.
Aug. 10, 1948 H. A. Allard.

19339 Fungi on log - 5 miles up
Red Run, Tucker Co., W. Va.,
from highway to Dolly Sods
(like) *Seane* and Leesville, Petersburg, etc.
Head by E. H. Cech, Aug. 12, 1948. H. A. Allard.

19340 Populus
on Plantation Trail 2 1/2 miles
from Davis highway. Tree 25-30 ft.
tall. Aug. 13, 1948. H. A. Allard.

19341 Lichens on sandstone ~~cliffs~~
and conglomerate cliffs north
of Davis, Tucker Co., W. Va., near
Pacheco River. Aug. 14, 1948
H. A. Allard.

19342 Roadside at Hopewell Gap,
Bull Run Mt., Va.
Sept. 12, 1948
H. A. Allard.

Leersia

in damp soil.

Ampelopsis brevipedunculata Kochne
see 19281; 19256. 2 1/2 miles
north of Hopewell Gap at dump
19343 in old woodroad.
Fruit blue; vine rampant, but
foliage badly eaten by jap. beetles.
Sept. 12, 1948 fruit just
turning blue.
H. A. Allard.

19344 orchid,
in dry woods on ridge 2 miles
north of Hopewell Gap.
Sept. 12, 1948 my first record
for this area;
H. A. Allard. rare here.
microstylis unifolia (Michx.) B.S.P.

19345 *Corallorhiza*
in dry woods on rocky ridge
near Hopewell Gap; north of Gap.
Sept. 12, 1948
H. A. Allard. Frequent here.

19346 aster
flowers purple, showy. In moist
low ground at Hopewell Gap.
Sept. 12, 1948
H. A. Allard.

19347 Grass. In old field 2 miles
south of Thorofare Gap, in
Pond Mountain area,
near Broad Run.
Sept. 19, 1948
H. A. Allard.

19348 *Quercus bicolor*. Edge of
woods near # 19347. ditto
fl. (rays) white. Growing
intermingled with yellow form # 19349.

19349 *Solidago*
rays yellow.
In dry woods along cartroad.
near # 19347
* yellow form of *S. bicolor*. Intermingled
with # 19348 ditto

Umbelliferae
Edge of thicket 2 miles
south of Thorofare Gap, near
19350 Broad Run, Pond Mountain
Sept. 19, 1948 area,
H.A. Allard

19351 *Phlox paniculata* L.
Along Broad Run in moist
soil 2 1/2 miles south of Thorofare Gap,
on Triassic area. On blood plain.
ditto

19352 *Impatiens pallida* Nutt. f. *speciosa*
Flowers cream colored; otherwise
typical of species with yellow bls. Intermingled
thickets of this form on blood plain of Broad
Run near # 19350. The common form in this area.
ditto

19353 *Impatiens pallida* with
typical yellow flowers; intermingled
with # 19352, but far less common
in this locality
ditto

19354 Grass on blood plain in damp
soil near # 19350
ditto

19355 *Eryngium atropurpureum* Jacq.
Along Broad Run near # 19350
shrub or small tree
6-15 ft. tall.
fruit reddening now. ditto

19356 Aster - bl. light purple.
Along Broad Run in damp
soil near Thorofare Gap.
ditto

Grass, In wet sandy blood plain
soil along Broad Run 3 miles
down stream from Thorofare Gap.
19357 Sept. 19, 1948
H.A. Allard

19358 Grass
Near # 19357, same soil etc.
ditto

19359 Grass
Near # 19357 same soil etc.
ditto

19360 Grass
Near # 19357 same soil etc.
ditto

19361 Grass
Near # 19357 same soil etc.
ditto

19362 *Sicyos angulatus* L.
Along Broad Run near
19357 ditto

19363 *Staphylea trifolia* L.
Along Broad Run near
19357 ditto
In fruit nearly mature.

Carya Nicotiana

- Along Broad Run on bank
2 miles down stream from
19364 Thorofare Gap. Sept. 19, 1948
H.A. Allard,

19365 Lespedeza

In old field in dense stand
1 mile south of Thorofare Gap
on east slope of Pond Mountain, Va. ditto
near Broad Run 1-2 ft tall, dense.

19366 Cuscuta

On # 19365 - Lespedeza
same field

ditto

19367 Sparganium angustifolium L.

fl. small, white.
In same field with # 19365

ditto

19368 Panicum

Growing in large clumps,
spreading prostrate on sand, bare
soil in elevated ground just south
of Thorofare Gap, in Pond Mt. area.

ditto

19369 Grass
aristida

Growing with # 19368

ditto

- 19370 Low Panicum
In same soil beside
19368

ditto

Lespedeza

- On hillside just south of
Thorofare Gap, Pond Mt. area
19371 Sept. 19, 1948
H.A. Allard
fl. cream colored,

- 19372 Eupatorium coelestinum L.
with # 19371, same pasture etc.
fl. purple, showy. ditto

- 19373 Coriandrum sativum L.
along streets, Marblehead,
Mass. August 24, 1948
H.A. Allard

- 19374 Leontodon autumnalis L.
Very common in all waste places,
Marblehead, Mass.
(rays yellow) August 24, 1948
H.A. Allard

- 19375 Aster
Flowers bright pink.
In garden near ~~Lespedeza~~ Ind.
Sept. 8, 1948. Beltsville
(4 feet in height; very showy)

- 19376 Lichens (Parmelia?) on bark of
rock chestnut tree at High Point
Bull Run Mountain, Va., alt 1400 ft.
Fauquier Co., Oct. 3, 48
H.A. Allard.

- 19377 Lichens. with # 19376
same trees ditto

Solidago bicolor rays cream.
High Point, Bull Run Mt., Va
Fauquier Co., Oct. 3, 1948
19378 alt 1400 ft H.A. Allard
Common in open woods.

19379 *Athyria gracilens* Gray
on ledges near High Point
above.

ditto

19380 *Solidago nemoralis*
in woods along road
near foot of High Point cliffs above

ditto

19381 *Solidago bicolor* rays cream
Near # 19380

ditto

19382 Yellow-flowered (rays) of
Solidago bicolor growing
with # 19381, same locality.

ditto

19383 *Aster puniceus* var. *lucidulus* Gray
in old bog near Broad Run
Station, Bull Run Mt., Va., west
slope, rays purple
stems smooth, ditto

19384 *Aster puniceus*
stems rough hairy.
growing in same bog with # 19383
rays purple! ditto

Polygonum fl. deep rose,
very showy,
Roadside in wet soil
19385 at Broad Run Station,
(2) Bull Run Mt., Va
Oct. 3, 1948
H.A. Allard.

19386 *Hydnium erinaceum* Bull. ex Fr.
(Edible fungus - very fine)
fungus - a pure white mass as large
as my head on end of fallen log; very
beautiful; at High Point cliffs ditto

19387 Hybrid oak *Quercus* - Possibly
(2) *alba* x *montana* at ledges 1 mile
south of Thoro fare Gap on Pond Mountain,
Va Oct. 10, '48. H.A. Allard

19388 *Convolvulus* - fl. white, trailing.
(2) In old field south of Thoro fare Gap,
west slope of Pond Mt., Va

ditto

19389 *Aster puniceus*
" Beside roadway at Thoro fare Gap
in wet soil. ditto

19390 Closed gentian
flowers blue, in damp meadow
soil in Pond Mt. area, 1 mile south of
Thoro fare Gap - just east of highway # 600, H.A. Allard
Oct. 17, '48

19391 *Lignastrum* Oct. 31, 1948
Berries dull blue in long, H.A. Allard
pendant racemes.
at Beverley Mill,
Thoro fare Gap, Bull Run Mt., Va

19392 On underside of chestnut oak leaf.
Pond Mountain, Va. 1 mile south of
Thorofore Gap on ledges Nov. 14, 1948
(Proved to be insect gall.) H.A. Allard

19393 Like red paint on spines of fruit
of sweet gum in my garden; fruit
on the ground. November 22, 1948
H.A. Allard.

19394 Fungus - a Lycoperdon on a
yellowish, spongy stem about 3 in long, surmounted
by a yellowish ball with crimson mouth.
Pond Mountain ridge at Thorofore Gap Nov. 21, 48
H.A. Allard

19395 Mosses (two) on soil on rock
at Pond Mountain, Va. south of Thorofore Gap
one mile. Nov. 21, 1948. H.A. Allard.

19396 Millipede in leaf mold near # 19395
Nov. 21, 1948. H.A. Allard.

19397 Moss on bank near Beverley Mill,
Thorofore Gap. January 16, 1949.
Bull Run Mountains.
H.A. Allard.

19398 Cladonia
on bark of huge oak tree
6 feet from ground, near
Thorofore Gap, Bull Run Mt., Va.
January 30, 1949. H.A. Allard

19399 Brilliant green of ga 2 on the
bark - a huge locust at Thorofore Gap,
Bull Run Mt., Va. January 30, 1949
H.A. Allard.

19400 Mosses on stump etc.,
Pond Mountain, near Thorofore Gap, Va.,
2/27/49 H.A. Allard Fauquier Co.

19401 Umbilicaria
lichens growing upon it; on Cambrian
quartzite at 1000 ft. near # 19400
ditto

19402 Moss on stump in deciduous
woods on Pond Mt., ledges near # 19400
ditto

19403 Moss on soil on ledges of Pond
Mountain, near # 19400.
ditto

19404 Hepatic on soil on ledges
near # 19400
ditto

19405 Moss on soil of slope of
Pond Mountain just south of
Thorofore Gap, Va. near # 19400
ditto

Blue green algae in small pool in
Pond Mountain area, east slope, just east of
New Baltimore road from Lafayette Gap,
and $\frac{1}{2}$ mile from Gap. Tangier Co.,
19406 March 6, 1949

H.A. Allard,
Enormous masses in this pool.

19407 Mosses, hepatic etc., used as
packing material for a shipment of
nursery material from The Lafayette
Nursery, Lafayette, Oregon, received by
H.A. Allard, March 22, 1949,
19408 apparently growing in conifer forest
moss, hepatic $\rightarrow$ ditto

19409 moss etc.

$\rightarrow$ ditto

19410 moss etc.

$\rightarrow$ ditto

19411 moss etc.

$\rightarrow$ ditto

19412 moss etc.

$\rightarrow$ ditto

Moss etc, Data same as for
19407

19413

19414 moss etc,

$\rightarrow$ ditto

19415 moss etc,

$\rightarrow$ ditto

19416 moss etc.

$\rightarrow$ ditto

19417 moss etc.

$\rightarrow$ ditto

19418 moss etc

$\rightarrow$ ditto

19419 moss etc

$\rightarrow$ ditto

Lichens (Umbilicaria) found as decaying
fallen tree trunk in woods on banks
of Broad Run 2 miles south of
19420 Therefore Gap - and east of
crest of Pond Mountain about
 $\frac{3}{4}$ to 1 mile. Collected March 27, 49.
H. A. Allard,

1942/ *Narcissus poeticus*. Growing
naturalized - a field of several acres
covered with them in full bloom
at Lignum, Culpeper Co. Va. May 1, 1949
Thom Blomquist, H.A. Allard.

19422. Modified spectral of white on the
(5) field, still showing old rows of
former cultivation above.
Seedlings of *Prunus serotina* germinated
this year. at Fount Park, Arlington, Va., 5/5/49
H. G. Allard.

19423 Mass
On red shale banks of Bull Run
creek near bridge over the Bull Run road
by the Union troops in 1861, now commemorated
by a monument.  growing in moist woods
5/8/49 H.R. Allard

19424 *Saxifraga virginensis*
on banks near stream near
#19423 ditto

19425 *Ranunculus*
In thicket near # 19423
sempetale glabrous; leaves near, straight.
In this *R. lanugin.* Note fusiform roots.
— *atropurpureus*? (Probably.)

19426 Moss on moist banks
of stream near # 19423. ↓
ditto

Moss. with # 19426 same date,
data, etc.

19427

19428 Galium ^{aphanum} 1 on damp wooded bank near # 19423 ditto
19423

19429 *Sedum ternatum*
In shaded bank near # 19423
Not common here.

19430 *Chaerophyllum procumbens*
Past blower; all in fruit.
Moist shaded banks near # 19423; ditto
abundant, very weak, delicate.

19431 Cruciferae - Tiny white flowers;
tufted - growing on ^{red sandstone}
rocks at very edge of cliffs at Ball Run
bridge. ^{Rare} Infrequent ditto
= Arabis lyrata here.

19432 Carex on dry wooded cliffs of
Triassic red shale $\frac{1}{2}$ mile up Bull
Run Creek from bridge over Bull Run.
May 15, 1949
H. A. Azzaroli

19433 Fern - On same cliffs
near # 19432 ditto

Lichen Along Bull Run creek up stream
1 mile from highway bridge on route
211 On red shale Triassic rocks
19434 *Peltigera* May 15, 1949
H.A. Allard

19435 *Brassica* fl. white, small
(3) In low flood plain on bank of
Bull Run stream in Triassic area -
In swamp woods. ditto

19436 *Ulmus*. Dense stands of
small trees 18-20 feet high on red
shale Triassic area near high bluffs
of Bull Run Creek near # 19434 ditto

19437 *Ranunculus* - Petals extremely small,
Pure stands in mud along Bull Run
Creek 2 miles up stream from Bull Run Bridge
route 211. Near, declining. On Triassic.
May 15, 1949
= *R. maillies* H.A. Allard

19438 *Carya* - shr. flower
2 miles up Bull Run Creek
from bridge - On Triassic. ditto

19439 Grass - common over flood
plain near creek above (Bull Run)
near # 19438 ditto

19440 *Oenothera*
In old field just up stream
1/4 mile from Bull Run Bridge near
211 - on Triassic area ditto

Arabis lyrata Triassic
on dry, red shale
cliffs along Bull Run Creek
1/4 mile up stream from
Bridge over U.S. 211.
May 15, 1949
H.A. Allard

19442 Fern
on same cliffs with
19441 ditto

19443 on moist soil of bloody
plain of Bull Run Creek
near # 19441. ditto
fl. white, small; leaves opposite.

19444 *Arenaria serpyllifolia*
on dry, barren shale
near Bull Run Bridge above - ditto
over Bull Run Creek

19445 *Rhus canadensis*
along bank of Bull Run Creek
above bridge over 211 ditto

19446 *Batrachium* *Fauquier Co.*
In heavy deciduous woods
on Triassic conglomerate, 1 mile south of
Thorofare Gap, east of Pond Mountain,
and near Broad Run; 3500 ft. elevation.
May 29, 1949
H.A. Allard

19447 *Brucifer* fl. yellow
In old field near Broad Run Creek
1 1/2 miles south of Thorofare Gap
on Triassic flood plain
May 29, 1949
Fauquier Co. H.A. Allard

Small flowered rose; fl. white.
On edge of thicket near Broad Run creek
 $1\frac{1}{2}$ miles south of Thorofare Gap,
19448 Fauquier Co., on Triassic area
May 29, 1949
(fragrant) H.G. Allard,
Near to Bull Run area.

19449 *Geranium*
In old field near # 19448 ditto
On flood plain; common.

19450 small *Galium*; fl. white
In damp soil near # 19448 ditto

19451 *Oxalis*
In same soil near # 19448 ditto
On flood plain of
Broad Run

19452 *Eleocharis*
In wet muddy soil ditto
near # 19448

19453 *Euphorbia*
On flood plain alluvial ditto
soil near # 19448

19454 *Sisyrinchium*
Near # 19448 - same soil ditto

Oenothera -
On barren ~~sparsely~~ test soil
just south of Thorofare Gap
on Triassic area, near
19455 Broad Run
Fauquier Co.,
May 29, 1949
flowers deep orange; H.G. Allard.

19456 *Oenothera* - same sp. as # 19455, growing near it
but fl. a light lavender yellow ditto

19457 *Pentstemon laevis*
In old field $\frac{1}{2}$ mile down
Bull Run creek from U.S. route 211.
Prince William Co., Va. June 5, 1949
fl. white; abundant. H.G. Allard

19458 *Carex*. In dry old field ditto
with # 19457
= *Carex glaucoidea* Tuckerm
(ident.) by Dr. F. J. Hermann

19459 *Juncus*. In low meadow ditto
along Bull Run Creek 1 mile
down from bridge at U.S. 211.
= *Juncus tenuis* Willd.

19460 *Sisyrinchium*
Growing with # 19459 ditto

19461 *Panicum huachucae* BSP
Growing with # 19459 ditto

Carex. In low meadow
1 mile down Bull Run Creek
from bridge and U.S. 211,
19462 Prince William Co., Va.

June 5, 1949
= Carex hutchinsii Mack. H.G. Allard.

19463 Scirpus lineatus Michx.

Growing with # 19462. ditto
only a few plants found.

19464 Galium, fl. white
In meadow near # 19463

ditto

19465 Carex caroliniana Schumacher.
In low ground near
19463

ditto

19466 Grass. Agrostis hyemalis (Nutt.) BSP
In low ground
near # 19463

ditto

19467 Pentstemon ~~laevigatus~~
digitalis ditto
In open meadow near
19463 - abundant here; showy.

19468 Brassica; fl. yellow.
In blood plain on island
in Bull Run Creek $1\frac{1}{2}$ miles ditto
down from bridge and U.S. 211
abundant here.

Sundrops - Oenothera
fl. deep orange
along Bull Run Creek

19469 near # 19468 June 5, 1949
H.G. Allard

19470 Panicum linearifolium ^{BSP} Scribn.
on high bank along
Bull Run Creek - in old field.
near # 19469

ditto

19471 Galium
on same bank in shade
of trees with # 19469

ditto

19472 Moss. On rocks in wet
deep ravine near # 19469.

ditto

19473 Carex grayi Bailey
on bank of Bull Run Creek ditto
in thicket 1 mile down from (large flat)
bridge and route 211. Local here in head of stream.

19474 Carex stipitata Muhl
with # 19473

ditto

19475 Arisaema dracontium ditto
In moist soil near
19473.

In mud along
Bull Run Creek 1 mile
down from bridge and
19476 U.S. 211.

Prince William Co., Va.
June 5, 1949
Not quite in bloom. H.A. Allard.

19477 Bull Run Mt., Va.
In thickets near Broad Run
east of Pond Mt., and 2 miles south of
Macrofore Gap, Fauquier Co., June 12, 1949
H.A. Allard.

19478 *Rosa aculeata*.
fl. crimson
In meadow thicket near
19477. Only 2 plants seen.
On Triassic ditto

19479 *Rosa*
In thicket near # 19478 ditto

19480 *Pentstemon*
In meadow with # 19475 ditto
abundant; fl. white

19481 In damp soil in thicket
near Broad Run 2 miles south
of Macrofore Gap, Pond Mt. area,
On Triassic. June 12, 1949
H.A. Allard.

19482 *Silene* fl. white
In thicket with # 19481 ditto

Cornus stolonifera
In thicket near #
19481; full flower,
19483 abundant.

June 12, '49
On Triassic, in damp soil near # 19483.
Pond Mt. area. H.A. Allard.

19484 *Pentstemon laevis*
In old field near # 19483
abundant; fl. pale lilac. ditto

19485 Bull Run Mountain Va.,
Fauquier Co., west slope
below High Point in heavy woods.
June 19, 1949
Brounne purpurea L. H.A. Allard.

19486 *arabis*
along wood road with
19485 ditto

19487 *Houstonia purpurea*?
fl. pure white
with # 19485 ditto

19488 *Pyrola americana* Michx.
In woods on slope
near # 19485 ditto

19489 *Lobelia*
fl. pure white. Near # 19485 ditto
in woods

Veronica hastaria var *albiflorum* Btze.
In field west of High Point, near
highway from Broad Run.

19490 fl. white. June 19, 1949
H.A. Allard.

19491 ~~*Myriophyllum*~~ *Elodea*
In mill race at Broad Run,
Beverly Mill, where abundant.
Not in flower. ditto

19492 *Rubus nigricans* Rydb.
(22) ^{fruit hairy} Allard's
swale near Webster road Oxford, Mass.
This I collected 55 years ago. It was identified
there as *Rubus setosus* by some one at
Cambridge, Mass.
June 26, 1949 H.A. Allard

19493 (10) *Rubus* in same swale above with
19492, but running, tip rooting. Very
abundant here; full flower. Setae
R. hispidus L. date June 26, 1949 ditto
19494 *Salix* - hake glaucous leaves
(2) beneath. with # 19492
in same swale. (same date etc
(ditto))

19495 *Vicia* purple flowers.
(2) with # 19492. June 29, 49
H.A. Allard.
= *Vicia cracca* L.

19496 In mud and water in quaking
bog at north end of Grassy Pond,
Oxford, Mass., Worcester Co.
(flat, fern-like, June 29, 1949
on mud; small. H.A. Allard.

Utricularia; fl. orange yellow, very
fragrant; naked stems; very
abundant; with # 19496.

19497 same pond, date
etc. H.A.A.

= *U. cornuta*

19498 *Pogonia* - fl. pink.
In same bog with # 19496.

= *P. offioglossoides* ditto

19499 *Rubus* - running, tip rooting.
In open swale with near
19492. June 29, 1949
Rubus peruvianus Bailey

19500 *Rubus* tip rooting
nearly ascending. In
open swale near # 19499. ditto
= *R. peruvianus* Bailey.

19501 *Rubus* - running: foot of
Allard's 4 acre lot in open
swale. June 29, 49
H.A.A.

19502 *Rosa*: fl. pink; tall and
In wooded swamp north end
of Grassy Pond. June 29, 49
H.A.A.

19503 *Rubus nigricans* Rydb.
with # 19492
Coll. June 29, 49
H.A.A.

Rubus - weak prickles
with # 19492 - in same
swale, Oxford, Mass.,
19504 on Allard's old farm.
June 29, 49
H.A. Allard.

19505 with # 19504
Primo care of 19492
same swale. ditto

19506 # 19505
Rubus running or scrambling,
tip rooting. in swale
with 19504 ditto

19507 with # 19504
Rubus: R. peruvianus Bailey. ditto

19508 Rubus; tip rooting; ascending
in swale with # 19504
= R. peruvianus Bailey ditto

19509 = Lycopodium inundatum L.
in mud and water in quaking bog
north end of Massy Pond, West Oxford,
Mass.; Worcester Co., June 29, 1949
H.A. Allard.

19510 Very small plant with
small white heads, in mud
and water with # 19509. ditto
Erigeron
articulatus
(Huds.) Morong

19511 Sedge. quaking, mire
in same bog with
19510. ditto
Cyperus
torreyi Olney.

Cyperaceae
with # 19510.
June 29, 49
H.A. Allard.

19512
= Eriophorum virginicum L.

19513 ~~same~~ with # 19510. ditto
= Cladium mariscoides (Muhl.) Torr.

19514 Carex vesicaria L.
with # 19510 ditto

19515 Cyperaceae
with # 19510 ditto
Rhynchospora alba (L.) Vahl.

19516 Floating in open pools
near # 19510 ditto
Many bladders -
No fl. Utricularia

Long strands: Utricularia
19517 Ayala - leaves white
glaucous; fl. white. ditto
in swamp near # 19510
Very net. = R. viscosum var. glaucum

19518 Carex folliculata L.
in swampy woods
north end of Massy Pond above;
abundant ditto

Bog grass, in swamp north end of
Massy Pond, West Oxford, Mass.,
19519 Worcester Co. June 29, '49
H.A. Allard,

19520 Grass; in boggy swamp
(12) with # 19519
ditto

19521 = *Glyceria canadensis*
In swale in fern at
cold spring on Allard's old farm
below field where barn stands.
June 29, '49
H.A. Allard.

19522 *Stellaria*
with # 19521
ditto

19523 *Galium*
with # 19521
ditto

19524 *Carex swanji* (Fern.) Mack.
In bogs with # 19519
ditto

19525 *Oenothera*: fl. small, yellow
In swale directly east of Allard's
house (formerly), West Oxford, Mass.,
Worcester Co. June 29, '49.
= *O. punctata* L. H.A. Allard

Rubus.
In Allard's swale (formerly)
with 19492

19526 June 29, '49
(2) H.A. Allard

Running; tip rooting
= *R. peruvianus* Bailey

19527 *Scutellaria*: fl. blue. (Mass)
(12) at south end of Charlton Reservoir
at south inlet, in wet soil and
woods, near highway and Dudley-Charlton
boundary marker. June 30, 1949.
H.A. Allard.

19528 *Veronica scutellata*
with # 19527
ditto

19529 *Potamogeton*
floating in water of
stream in pool
near # 19527
ditto

Scale: oyster-shell: *Lepidosaephus ulmi* (L.)

19530 willow covered with scale
near pool at old Lamson and
woodbury quarry - near south end
Charlton Reservoir inlet, Charlton,
Worcester Co., Va. Mass. ditto

19531 *Caatilloa*, sp. Coll. by H. F. Allard
in Peru, S.A., Sept. 22, 1948 on road to
Maria - Pukalpa at Dinisoria - alt. about 5000 ft.
by H. F. Allard. Several trees about 25-35 ft. high.
Rec. by H.A. Allard July 6, 1949.

19532 Small plant coll. by H. F. Allard
at Tingo Maria, Peru, Oct. 20, 1948.
Bright spots on leaves appear to be an
epidote(?). Rec. by H.A. Allard, Arlington,
Va. July 6, '49.

19533 Fungus - slender, pointed stalks on soil in wood road east slope of Bull Run Mt. near Thorofare Gap, July 10, 1949. H.A. Allard.

19534 Fungus on dead wood

same place, date;

19535 Umbellifer; fl. white, in woods near # 19533

ditto

19536 *Circaea intermedia* Ehrh
In large circular tree stand near # 19533.

ditto

19537 In Canaan Valley, W. Va., near highway from Davis to Harmon, Tucker Co.,

July 24, 49 In meadow

H.A. Allard. bull blower,

19538 on west slope of Beardslee Knob, near fire tower, by side of wood road, in damp soil grass.

ditto (same date etc.)

19539 Carex, in damp soil near # 19538,

ditto

Tripe lichen - on rocks on knob on which old loggark towers stand, near top.

19540 July 26, 1949

H.A. Allard

19540a Lichens in water of trough on rocks (Red Creek) near Blackwater Canyon, West Va. July 26, 1949 H.A. Allard.

19541 Algae in depression filled with water on sandstone cliffs on Canaan Mt. north of Beardslee Knob, Tucker Co., W. Va. July 24, 1949 H.A. Allard.

19542 Mosses - on rocks etc. at Elkhorn Falls - seen from near Davis, Tourist Lookout at Blackwater Canyon, W. Va. This is the conspicuous falls seen across the canyon - about 30 feet high. July 27, 1949 H.A. Allard.

19543 At same falls with # 19542 Mosses etc. ditto.

19544 Mosses, hepatic - with # 19542 ditto

19545 Mosses with # 19542 ditto

19546 Mosses with # 19542 ditto

Mosses on rocks in spray at
Elkela Falls. These falls are on
stream seen across the Blackwater
19547 Canyon, Davis, W. Va., from the
tourist lookout. They are
about 30 feet high.
July 27, 49. Tucker Co.,
H.A. Allard.

19548 Mosses. with # 19547
ditto.

19549 Sphagnum
On bank near # 19547
ditto.

19550 Lichens (unilicaria) on
wet rocks etc., in spray, with
19547
ditto.

19551 Composite; rays yellow.
On pasture slope of Rich Mountain
near Dry Fork. July 26, 49.
West Va.

19552 Mint. On same pasture slope
with # 19551
West Va. ditto.

19553 Lycopodium
In damp soil on Canyon
Trail near Linsley Run.
July 26, 49. Tucker Co.,
H.A. Allard, W. Va.

Enphorbia affariensis L.
(cypress sponge). In
moist gravel near old
19554 pulp mills, Davis, W. Va.,
Tucker Co., July 29, 49
H.A. Allard.
a small patch here just
flowering.

19555 *Campanula americana* L.
flavescens Nutt. On slope of
ridge in Smoke Hole between Case and
North Fork Mt., Pendleton Co., along south
branch of Potomac. July 30, 49. H.A. Allard.

19556 *Paronychia argyrocama*
high
On cliffs in Smoke Hole,
on slope of North Fork Mt., near
Petersburg, W. Va., Pendleton Co.

19557 Moss. Very beautiful
In wet woods on slope of
Gaydineer Knob, near 4000 ft.,
July 28, 49. H.A. Allard.
(Very beautiful)

19558 On top of Gaydineer Knob,
W. Va., Monongahela Nat. Forest
at 4445 ft., in spruce forest.
July 28, 49. H.A. Allard

19559 *Cladonia* etc.
with # 19558, on rocks,
logs etc. in spruce forest.
ditto

19560 *Cladonia* etc.
with # 19558
ditto

Mosses, hepatics etc.,
on top of Gaudineer Knob,
West Va., in the Monongahela
Nat. Forest, in spruce timber
on rocks, logs etc., at
4445 ft. alt.
July 28, 1949.
H.A. Allard

19562 *Hepalectris spicata* -
on dry rocky slope in Snake
Hole, Pendleton Co., W. Va., near South
Branch of Potomac, July 30, 49.
(One plant stem only)

19563 Lichens (black) on sandstone
outcrop of knob of Campau Mt., just north of
Bearders Knob, Tucker Co., West Va., near
Davis, July 24, 1949. H.A. Allard.

19564 *Gentiana villosa* ?
along trail to High Point,
on High Point ridge, Bull Run Mountain, Va.
north of Thorofare Gap, Fauquier Co.
In deciduous woods, September 18, 1949.
(One plant only) H.A. Allard.

19565 *Novae angliae*.
(2) Oster. On bank west slope of High Point
ridge, near Broad Run Station, Firstward
October 2, 1949. H.A. Allard. Fauquier Co.

19566 Hepatic, on low rock near High Point
cliffs, Bull Run Mt., Va., April 9, 1950

19567 Hepatic on bark of hickory tree
near ground, north side of tree
Near # 19566, ditto

Hepatic on bark
near ground, north side of tree - April 9, 1950
Near # 19566.

19568

19569 Hepatic
near ground on north side
of tree, near # 19566 ditto

19570 *Gentiana basiniata* Muhl.
along Broad Run 1 mile
south of Bersley Mill, April 16, 1950.
The pure white form.

19571 Moss on dead log
Near # 19570 ditto

19572 Moss
on log near # 19570 ditto

19573 Moss on log near # 19570 ditto

19574 Moss
on thin soil on rock close
to water's edge on Broad Run
1 1/2 miles south of Bersley Mill ditto

Mosses on thin soil on rocks
close to water's edge, on bank of
19575 Broad Run 1 1/2 miles south
of Berkeley Mill, Bull Run Mt.
April 16, 1950

19576 Hepaticas on rocks
close to water's edge, with
19575 ditto

19577 Mosses on thin soil
with # 19575 ditto

19578 Mosses in low
red spot in field 2 miles
south of Berkeley Mill on
Broad Run. ditto

19579 Brassicaceae April 23, 1950
fl. white
in field along Broad Run
2 miles south of Thorofare Gap
on Triassic

19580 Moss in red spot
on Triassic area near Broad Run
in woods 2 1/2 miles south of
Thorofare Gap ditto

19581 Moss on bank
near # 19580 ditto

Moss on bank
near # 19581

April 23, 1950

19582

19583 Moss on soil
Near # 19581 ditto

19584 Grass on bank
Near # 19581 ditto
Very abundant here.
Near # 19581

19585 Violet - lateral petals
bearded - on bank with
19584 ditto

19586 *Hepeta hederacea*
on bank near # 19581 ditto

19587 *Stellaria pubera*
on bank near # 19581 ditto

19588 Moss
on log near # 19581 ditto

Pure or angu white form of
Mentzelia virginica, One small
 plant out of leaves here, some of
 19589 pale bluish white - this the 23
 only near white form.

Near # 19581 in flood 1950
 Main soil across Broad Run

19590 Mosses on log
 Near # 19581 ditto

19591 Mosses on logs
 Near # 19581 ditto

19592 Mosses on log
 Near # 19581 ditto

19593 Mosses
 at base of tree
 Near # 19581 ditto

19594 Mosses on soil
 Near # 19581 ditto

19595 Mosses on soil
 Near # 19581 ditto

Mosses
 on soil

April 23, 1950

19596 Near # 19581

19597 Mosses on bark of
 logs, Near # 19581 ditto

19598 Mosses on log
 Near # 19581 ditto

19599 Mosses on soil
 and base of tree
 Near # 19581 ditto

19600 Mosses on bark
 Near # 19581 ditto

19601 Mosses on bark
 Near # 19581 ditto

19602 Mosses on soil in
 old bridge field
 on hogback just south of
 Thoreau Gap.

19603

Bull Run Mt., Va.
Thoro fare Gap.
June 4, 1950
H.A. Allard

19604

Carex
on trail to High Point
In woods. ditto

19605

Oenothera
at foot of Buzzard Mt.,
Culpeper Co. June 17, 1950
H.A. Allard

19606

near
Lignums, Va.
Culpeper Co. ditto

19607

Eleocharis
at foot of Buzzard Mt.,
Culpeper Co., Va.
wet soil ditto

19608

Cyperus
Near # 19607 ditto

19609

Carex
Near # 19607
In low woods, ditto

19610

Galium
In damp soil near
19605 June 17, 1950
H.A. Allard

19611 Cheilanthes lanosa
In rocks crevices at
top of Buzzard Mt.
wet place. ditto

19612 Senecioium
Leaves very pubescent beneath
Leaves round orate,
not in fl. Near # 19611 ditto

19613 Cheilanthes tomentosa

Near # 19611 ditto

19614 Heuchera
on diabase ledges
near top of wet peak of
Buzzard Mt., Va. Culpeper Co. ditto

19615 Solanum

Near # 19614 ditto

19616 Asplenium trichomanes

Near # 19614 ditto

Asplenium platyneuron
In rock crevices on top of
19617 west peak of Buzzard Pt.,
June 17, 1950
H.A. Allard

19618 *Danthonia*
Near # 19617 ditto

19619 *Asplenium trichomanes*
Near # 19617 ditto

19620 Moss
on rocks near # 19617 ditto
don't find it

19621 *Cheilanthes tomentosa*
Near # 19617 ditto

19622 *Cheilanthes lanarosa*
Near # 19617 ditto

19623 *Pentstemon* - *flavulite*
In woods at foot of
west knob of Buzzard Pt., Va ditto

Pellaea atropurpurea
June 17, 1950
Near # 19617 H.A. Allard 3
19624

19625 *Oenothera*-
Near # 19623 ditto

19626 *Houstonia purpurea*
Near # 19623 ditto

19627 *Hypoxiphidula*
on top of knob near
19617 June 17.
etc.

19628 On Triassic near
Broad Run 1 mile South of June 18
Thompson Gap. 1950
Fauquier Co., Virginia H.A. Allard

19629 Loosestrife
(2) In damp soil near ditto
19628

19630 *Hebesia* - *multiflora* Nutt
In wet soil ditto
with # 19629
Native flower; local

On Triassic
1 mile south of Thoroughfare Gap
in Pond Mt area - June 18, 1950
H.A. Allard
19631 *Fraxinus* Co.,
(4) *Oenothera*
In wet soil near #19628

19632 *Sparg.*
with #19628 ditto

19633 *Grass*
with #19628 ditto

19634 *Bromus*
Near #19628 ditto
damp soil

19635 *Syrinchium*
Near #19628 ditto

19636 *Cornus*
on bank of ditto
Broad Run near #19628

19637 *Typha*
In pool near #19628 ditto
all in close colony.

Rumex crispus wood
In waste ground, Arlington, Va.
June 20, 1950
H.A. Allard
19638

19639 *Sedum*.
fl. yellow.
Bad weed in Allard's garden
June 28, 1950
H.A. Allard

19640 along rocky bank of red shales.
Triassic 30 miles from Wash. D.C.,
at mining - beyond Bull Run, along small
creek near June 25, 1950 } about 3 miles
on Young's Branch H.A. Allard, } from highway

19641 water plant (fl. tiny) along
creek near #19640

Submerged, Common ditto
on Young's Branch near 19640

19642 *Cyperus*. In low, wet
(1) pond near #19640 ditto

19643 *Carex*.
(2) Near #19640, wet soil ditto

19644 *Dianthus americana*
(2) In water near #19640 ditto
In full bloom.

~~Scirpus~~
~~nitida~~ white
In thicket near # 19640
June 25, 1950
H. A. Allard
On Young's Branch

19646 Eleocharis
In wet soil near # 19640 ditto

19647 Scutellaria fl. violet,
(2) In old field near # 19640 ditto
Rather abundant, showing here

19648 Algae
(green)
In stream near # 19640 ditto

19649 Malva rotundifolia
(3) Among old house site ditto
In waste ground near # 19640

19650 Cyperus. In low ground ditto
near # 19640

19651 Cyperus
In low ground beside # 19650 ditto

Juncus. Sterile heads
due to insect infestation -
a sort of proliferation - June 25
19652 (See within) H. A. Allard 1950
Near # 19650.

19653 Ranunculus fl. yellow
In old field near # 19640 ditto

19654 Umbellifer.
fl. white ditto
In waste ground near
19640 On Young's Branch

19655 In old field 11 miles from
Doris, Tucker Co., W. Va., near Bald Knob,
along Doris-Seneca Rocks highway.

July 4, 1950
H. A. Allard }
compressa (var.) }
19656 Danthonia with
diseased - On pasture on knob
near Bald Knob (near # 19655) ditto
L. F. Diehl

19657 Hieracium pratense Tausch.
Near Bald Knob near # 19655
at 3000 ft. ditto

19658 Arisaema stewartsonii
In shady damp maple wood
on slope of Bald Knob near # 19656
July 2 ditto.

Philopaniulata L
color of fl. deep pink or purplish
along highway in Cavanaugh Valley
19673 near Davis on route to Sewee River
July 2, 1950
H.A. Allard.

19674 Tree (Lilac) in yard in
Davis - full bloom, very fragrant.
about 20-25 feet tall only
specimen in region. Very floriferous,
showy. fl. white July 3, 1950, Tucker Co.,
W.Va.

19675 *Tradescantia carolinensis* (Walt.)
at foot of Pendleton Run in
Blackwater Canyon where this empties into
Blackwater. Uncommon; fl. white.
(July 3, 1950. H.A. Allard.)

19676 Grass.
Near # 19675 at bottom
of Blackwater Canyon. ditto

19677 *Agalea Rhododendron*
viscosum ditto
fl. white
with # 19675

19678 Low cult. Corn. escaped
abundantly in lawn (Bill Crager's)
at Davis, W.Va. Heads whitish; with
rays pinkish with red. ditto

19679 *Oxalis Europaea* Jord, forma
villicaulis Wieg.
at Lookout over Germantown Valley on route 33,
West Va., Pendleton Co., July 29, 1950
H.A. Allard.

Heliopsis helianthoides (L.) Sweet
on roadside turn near
19679.
July 29, 1950
H.A. Allard

19681 *Heliopsis helianthoides*
on road to Airtown, one
mile from junction sign
of W.Va. 28 and U.S. 33.
At least 5 acres here in almost pure
stand when seen. ditto.

19682 *Hypericum punctatum* Lam.
on Bald Knob Tucker Co., W.Va., at
4300 feet July 30, 1950
H.A. Allard.

19683 Top of Bald Knob
in dark maple woods,
in moist soil, near ditto
19682

Circaea alpina L.
19684 *Oxalis europaea* Jord,
on slope of Bald Knob
in pasture near # 19682 ditto

19685 *Lycopodium clavatum* L.
on top of Bald Knob
4300 feet. July 30, 1950
H.A. Allard.
Very common.

19686 *Oxalis europaea* Jord
on upper slope of Bald Knob,
W.Va at 4000 ft. ditto.

Labiatae in woods on Bald Knob,
Tucker Co., W. Va., at
3000-4000 ft.

19687

July 30, 1950

H.A. Allard

Clinopodium vulgare L

19688

On top of Bald Knob at
4300-4400 ft.

ditto.

19689

On upper slope of Bald
Knob in pasture - at 3500 ft.

Oxalis europaea Jord. ditto

(Typical)

19690

Rubus - floricaule and
primocane,
on top of Bald Knob near
#19688 ditto

19691

Demuthera biennis L
Doris, West Va., Typical.
along Blackwater River.
Tucker Co., July 31, 1950
H.A. Allard

19692

Willow
Salix ditto
Near #19691

19693

Hypericum densiflorum Pursh
Near #19691 ditto
in great areas of damp soil here.

Typha latifolia L

In water across
Blackwater River opposite
Doris, W. Va. July 31, 1950
H.A. Allard

19695 Eupatorium maculatum L
along Blackwater River, below
Doris 3/4 mile on Doris side.
July 31, 1950
H.A. Allard

19696 Scirpus validus Vahl.
var. reber Fern.
Near #19694 ditto

19697 Salidago gigantea Ait
Near #19695. full bloom.
Along Blackwater River ditto

19698 Galium asprellum Michx
Near #19695 ditto
(Very little retrose scabrosity on
stems - almost smooth.)

19699 Campanula aparinoides Pursh
Near #19695 ditto

19700 Crepis
Small colony along Blackwater River
near Doris at 3200 ft.
Tucker Co., July 31, 1950.
seen nowhere else.

Hypericum perforatum L.
along Blackwater River
19701 $\frac{1}{2}$ mile below Doris toward
Blackwater Falls.
July 31, 1950
H.A. Allard
at 3200 ft; Tucker Co.

19702 *Hypericum mutilum* L.
Near # 19701 ditto

19703 *Cacalia suarcoleus* L.
Near # 19701 ditto
very abundant along the Blackwater River.

19704 *Asclepias incarnata* L.
very abundant. Near # 19701 ditto

19705 *Linum catharticum* Meerb.
forma *platymeris* (Wright) Fern.
W.S. drub. at Elk Lick Run on Dry
Fork Road, below Doris, Tucker Co., W. Va.
H.A. Allard, Aug. 1, 1950

19706 along Red Creek, Tucker Co., W. Va.
W. Va., on road to Hendricks, Aug. 1, 1950
Monarda clinopodia L. H.A. Allard

19707 growing with # 19706
Monarda didyma L. ditto

Oxalis europaea Jord.
forma *apnosa* (Small) Wieg.
19708 on Dry Fork Road at Elk Lick
Run, Tucker Co., W. Va.
Aug. 1, 1950
H.A. Allard

19709 *Helianthus decapetalus* L.
Near # 19708. ditto

19710 *Helioopsis helianthoides* (L.) Sweet.
with # 19709, abundant here
(Rays narrower) ditto

19711 *Helioopsis helianthoides*
Rays petals broader. on Red Creek
near highway 32, Tucker Co., W. Va.
ditto

19712 *Cacalia atriplicifolia* L.
at Harper Church near
Elk Lick, Tucker Co., W. Va.
In field, ditto

19713 *Helioopsis helianthoides* (L.) Sweet
Rather scabrous leaves
among the typical smooth-leaved
forms. with # 19712 ditto

19714 *Smilax heloniensis* L.
In low ground near Panther Knob,
Pendleton Co., W. Va., on highway
from Cherry Grove to Franklin
very abundant here. Aug. 2, 1950
H.A. Allard

19715 *Heuchera hispida* Pursh
on top of Panther Knob - at feet.
Pendleton Co., W. Va.
Aug. 2, 1950
H.A. Allard
among rocky cliffs and woods,

19716 *Cupressa petiolata* (L.) Kochne.
Top of Panther Knob, above ditto

19717 *Oenothera*
on Panther Knob, ditto

19718 *Tragopogon pratensis* L.
on steep rocky banks on
Canaan Mt., Aug. 2, 1950
along highway 32; fl. yellow. ditto

19719 *Monarda fistulosa* L.
fl. bright lavender lilac,
on slope of Panther Knob. ditto

19720 Pure white fl.
Monarda fistulosa L. ditto
growing with # 19719
forma albescens Tuckerm.

19721 *Liatris*
Note pedicelled heads of
L. microcephala, *bracteata*, etc. of *spicata*
on top of ~~Bald~~ Knob at 4000 ft.
Panther ditto.

Hudsonia ericoides L. (2)
On top of ~~Bald~~ Knob, where
very abundant, Aug. 2, 1950
H.A. Allard

19723 *Carex*
with # 19722, among
rocks and boulders at feet.
(Not common here) ditto

19724 *Patentilla tridentata* (Ait.)
with # 19722 - abundant ditto

19725 *Lycopodium lucidulum* Michx.
On top of Bald Panther Knob ditto
near # 19722

19726 *Liatris spicata* 2
Near # 19722 ditto
(Heads sessile)

19727 *Solidago arguta* Ait.
on top of Panther Knob ditto
near # 19722

19728 *Lilium philadelphicum* L.
Scattered over Panther Knob ditto
near # 19722

Phlox maculata L. cherry brose,
In swale near
19729 Pendleton Co., W. Va.
Large colony here
Aug. 2, 1950
subsp. *pyramidalis* (Smith) Wherry
H.A. Allard
Oct. Wherry 1953

19730 *Paronychia argyrocoma* (Muhl.)
Nutt., common on Panther Knob,
Tucker Co., W. Va., Aug. 2, 1950
~~Pendleton~~ (H.A. Allard)
19731 *Gerardia laevigata* Raf.
In woods on slope Panther Knob,
(fl. yellow.) ditto

19732 *Lysimachia quadrifolia* L.
Near Davis, Tucker Co., W. Va.
Aug. 2, 1950.

19733 *Mimulus moschatatus* Dougl.
In springy spot near Thomas,
Tucker Co., W. Va. Aug. 3, 1950
H.A. Allard

19734 Near Boiling Spring,
near Oakland, Maryland
~~Lindernia~~ Aug. 3, 1950
H.A. Allard *virginiana* L.

19735 *Eleocharis*
In wet soil near # 19734
ditto

Hypericum mutilum L.
In wet soil near # 19735
Aug. 3, 1950
H.A. Allard

19736
19736a *Habenaria orbiculata* (Pursh) Torr.
In rich moist woods near # 19735 ditto

19737 *Dalibarda repens* L.
In woods near # 19734 ditto

19738 *Epilobium coloratum* Muhl.
(fl. pinkish) In wet soil
near # 19734 ditto

19739 *Eleocharis tenuis*
Near # 19734, wet soil ditto

19740 *Eleocharis*
Near # 19734 ditto

19741 *Eleocharis*
Near # 19734 ditto

19742 *Eupatorium purpureum* L.
In wet soil near # 19734 ditto

Grass
In marshy woods near
Birding Spring, near
19743 Oakland, Ind.,
Aug. 3, 1950 }
H.A. Allard }

19744 In mud and water
near 19734. ditto
Veronica americana (Raf.) Schrein }
19744a near 19744 } ditto
Lupinus dubia (L.) Pennell }
19745 *Stellaria graminea* L. }
In wet soil near 19734 ditto

19746 *Mentha arvensis* L.
Near Leesville, on
road to Dolly Sods, Aug. 4, 1950 }
H.A. Allard }

19747 *Oxalis europaea* Jord.
forma *apnosa* (Small) Wieg. }
ditto

19748 Top of Canaan Mt.,
Tucker Co., W. Va.
Convolvulus sepium L. forma *coloratus*
Near Dolly Sods. }
ditto

19749 *Convolvulus sepium* L. }
ditto
Oenothera argillifolia Markb. }
Beyond 259 in the highway 55, large }
colonies on shales, very showy }
1950 }
H.A. Allard }

Hypericum densiflorum Pursh.
Near Mt. Storm, W. Va.

19750 (very common - now yellow
the fields around Davis,)
Aug. 5, 1950 }
H.A. Allard }

19751 *Verbascum phlomoides* L.
Near Strasburg, Va., on 55 highway
Abundant here }
ditto

19752 *Centaurea maculosa* Lam.
Near Radensville, W. Va., on
dry banks, common }
Along route 55, ditto

19753 *Crataegus*
On H.A. Allard's grounds, Va.
3000-7th St. North, Arlington, Va.
Aug. 9, 1950. Orig. from Shenandoah
Mt., Va. }
ditto

19754 *Penthorum sedoides* L.
In wet soil on Triassic area
just south of Thorsford Va., Va.
Aug. 13, 1950 }
(Not common) H.A. Allard }

19755 *Eupatorium leucolpis* T. & G.
In waste land near # 19754 }
ditto

19756 *Spiranthes gracilis* (Bigel.) Rich.
In dry soil near # 19754 }
ditto

Asclepias purpurascens L.

In damp soil near #19754

19757

Aug. 13, 1950

H. A. Allard

19758 *Heleum nudiflorum* Nutt.
In wet soil on Triassic near brook.
Rural 1/2 mile S of Thorofare Gap.
(common here)

ditto

19759 *Helioopsis helianthoides* (L.) Sweet.
Near #19758 in thicket
(abundant here)

ditto

19760 *Eupatorium fistulosum* Burwitt
Near #19758

ditto

19761 *Hypericum mutilum* L.

In old field near #19758

Very common

ditto

19762 *Helianthus decapetalus* L.

Near #19758

ditto

19763 *Lycopus americanus* Michx.
In low ground near #19758

ditto

Typha latifolia L.
Near Pool on Triassic just
South of Thorofare Gap, Va.

19764

Aug. 13, 1950

H. A. Allard

19765 *Commelina communis* L.
Near #19764

ditto

19766 *Mimulus ringens* L.
Near #19764 in damp soil

ditto

19767 *Rhus heterophylla* Nees
Near #19764

ditto

19768 *Saururus*
In wet soil near #19764

ditto

19769 *Sabatia angularis* (L.) Rupr.
Near #19764 in damp soil

ditto

19770 *Oenothera biennis* L.
Near #19764 in wet ground

ditto

Solidago juncea Ait.
In waste ground on friassic
area just south of
19771 Thoroughfare Gap, Va.
Aug. 13, 1950
H.A. Allard

19772 *Liatris squarrosa* (L.) Michx.
In low ground at Thoroughfare Gap,
Bull Run Mt., Va.
ditto

19773 Bull Run Mt., Va.
North of Hapenell Gap, west
slope, in old fields Aug. 20, 1950
(H.A. Allard)
Polypodium acrostichoides (Michx.) Schott.
19774 *Dryopteris*
In swampy woods near
19773, ditto

19775 *Solidago gigantea* Ait.
In old field hedge row
near # 19773. ditto
Common; full bloom; deep yellow.

19776 *Eupatorium fistulosum* L.
Near # 19775 ditto

19777 *Dryopteris heptagonoptera* (Michx.)
with # 19773 ditto
Christens

Phlox paniculata L.
In damp soil of waste ground
near # 19775. Aug. 20, 1950
19778 along brook. H.A. Allard
showy.

19779 *Vernonia noveboracensis* (L.) Michx.
with # 19778, ditto

19780 *Spiranthes gracilis* (Pursh.) Berk.
In old brown sedge field
near # 19778 ditto

19781 *Rudbeckia serotina* Nutt.
In old fields - common.
Near # 19778 ditto

19782 *Cuscuta groenlandica* Willd.
Near # 19778 or *Impatiens*
biflora in low ground. ditto
and *Polygonum sagittatum*.

19783 *Euphorbia corollata* L.
With # 19780 ditto

19784 *Hieracium scaberrimum* Michx.
In old field with # 19780 ditto

Solidago juncea Nutt.
In dry fields on west slope of
Bull Run Mt., Fauquier Co., Va.
19785 north of Hopewell Gap.
Aug. 20, 1950
(H.A. Allard.)

19786 *Cassia maritima* L.
In damp waste ground
near #19785 ditto

19787 *Oxalis europaea* Jacq. ↓
In waste ground ditto
near house site

19788 *Solidago gigantea* Ait.
on *Leiophylla* Fern.
Near #19785 ditto

19789 *Setaria glauca* (L.) Beauv. ↓
In old field ditto
near 19785

19790 *Helioopsis helianthoides* (L.) Smet.
In pasture, west slope Pond Mt., Va.,
just south of Thorofore Gap.
Sept. 3, 1950.
H.A. Allard. }

19791 *Eupatorium aromaticum* L.
Near #19790, in pasture thicket
ditto

Commelina erecta L.
Along railroad in damp soil
at Berensley Mill, Thorofore Gap,
Bull Run Mt., Sept. 3, 1950
H.A. Allard.

19793 *Achimenes alternifolius* L. C.
Near #19790 in thicket.
ditto

19794 *Solidago altissima* L. ↓
Near #19788 ditto
Roadside at Thorofore Gap, near
Pond Mt., west slope.

19795 *Gerardia purpurea* L. ↓
In swale near Thorofore Gap,
west slope Pond Mt., Va. ditto

19796 *Sagittaria latifolia* Willd.
var. *rubescens* (Muhl.) J.B. Small.
In water of swale near #19795
ditto

19797 *Rudbeckia scottii* Nutt.
var. *sericea* (T.V. Moore) Horn &
Schub. In swale near #19795
ditto

19798 *Leersia oryzoides* (L.) Sw.
In water with #19796.
ditto

Eupatorium coelestinum L.
In wet soil, west slope Pond
mt. just south of Therofare
19799 Raf. Near # 19795,
Sept. 3, 1950 }
H. A. Allard }

19800 *Helioopsis helianthoides* L. F. rect.
In old pasture near # 19799 ditto

19801 *Helianthus strumosus* L.
Near # 19800. ditto

19802 *Coreopsis tripteris* L.
Near # 19800 ditto

19803 *Erechtites hieracifolia* (L.) Raf.
var. *intermedia* Fern
Near # 19800.

19804 *Eupatorium* Bull Run Mt., Va.
along trail near Beresley Mill, Aug. 27, 1950
Therofare Gap, Va. H. A. Allard
note resinous particles on leaves,
phyllaries

19805 *Eupatorium rotundifolium* ?
In open woods near # 19804 ditto

Amula origanoides (L.) Britt.
for John A. Stensson
19806 north of Hagerhill Gap,
Bull Run Mt., Va.
(in old pasture) 2 miles.
Disease spots on leaves. Aug. 20, 1950
H. A. Allard

19807 *Eupatorium hypophyllum* L.
var. *calcaratum* Thunb. & Schreb.
In old pasture near # 19806. ditto

19808 Fern.
In damp, low woods ditto

19809 Fern.
In damp low woods
with # 19808 ditto

19810 *Cuscuta*
on *Eupatorium biflorum* west slope
Pond Mt.,
Bull Run
Mt., Va.
In low ground
near Therofare Gap
Aug. 27, 1950

19811 *Perianthes trifoliata* (Cass.) Thunb.
Roadside near
19810 ditto

19812 *Eupatorium coelestinum*
In meadow near # 19810 ditto

19813 *Cuscuta*
on *Eupatium biflorum*
in meadow.
Pond Mt. area
west slope,
near Thorofare Gap,
Bull Run Mt. Va.
Aug. 27, 1950

19814 *Cuscuta* on
goldenrod -

ditto
Sept. 26, 1950

19815 *Eupatorium perfoliatum* L.
forma *purpureum* Britt.
in wet meadow.

ditto
Sept. 26, 1950

19816 *Dryopteris noronboracensis* (L.) Gray
ditto
Sept. 26, 1950

19817 *Cuscuta*
on *Eupatium biflorum*
ditto
Sept. 26, 1950

19818 *Solidago rigida* L. Pond Mt. area,
south of Thorofare
Gap, on Triassic
area near Brook Run
1/2 mile from Rosemary Hill
Oct. 1, 1950 H.A. Allard

19819 *Vitis vulpina* L.
in pasture near # 19818
ditto

Helioopsis helianthoides (L.) Sweet.
approaching var. *scabra*.

19820

in low ground on
Triassic area near Brook
Run, 2 miles south of
Thorofare Gap, in Pond Mt.
area. Oct. 1, 1950
H.A. Allard.

19821 *Solidago altissima* L.
Near # 19820

ditto

19822 *Eupatorium leucolepis* DC
Near # 19820
ditto

19823 in low flood plain
area near Rapidan River
near Lignum, Culpeper Co., Va
Batrachium dissectum (L.) Oakes
Oct. 14, 1950
Luzula obliquum Muhl H.A. Allard

19824 *Spiranthes cernua* (L.) Richard.
Near Lignum,
Culpeper Co., Va in wet soil
on bank. Oct. 14, 1950
H.A. Allard.

19825 Lichen on soil - Bull Run Mt. Va
Note fruiting on trail to High P.
near Thorofare Gap
Oct. 15, 1950
H.A. Allard.

✓ 19826 *Hepatica americana* L.
forma *candida* Tiersch
On south end of Pond Mt. about
1 mile below Thorofare Gap, a colony
March 25, 1951. H.A. Allard

- ✓ 19827 *Viola*
In woods east slope below High Point,
Bull Run Mt., Va. April 29, 1951

H.A. Allard

- ✓ 19828 *Anemone platyneuron*
at top of old cabin chimney - on
west slope Round Mt., Va., in chink
Dec. 3, 1950. H.A. Allard,

- ✓ 19829 *Ranunculus abortivus*
In woods near # 19827, ditto

- ✓ 19830 *Viola triloba*
In woods near # 19827. ditto

- ✓ 19831 *Spiranthes cernua* (L.) Richard
In moist bottomlands at Lignum,
Calpeper Co., Oct. 14, 1950
H.A. Allard.

- ✓ 19832 *Viola papilionacea* Pursh
In wet soil along brook at foot of
ridge north of Hopewell Gap,
May 6, 1951. H.A. Allard. Very abundant
in marshy soil, showy.

- ✓ 19833 *Viola emarginata*
Comes very close to *V. villosa*.
In dry woods north of Hopewell Gap,
May 6, 1951 H.A. Allard.

Veronica p^{re}grina L
In damp soil in low ground north of
Hopewell Gap 1 mile. May 6, 1951.
19834 H.A. Allard. Common.

- 19835 *Viola emarginata*

ditto

- ✓ 19836 *Peltigera* (lichen)
On moist rock and soil in swamp
near # 19835 ditto

- ✓ 19837 *Rhododendron nudiflorum*
Flowers are fragrant, contrary to
Gray's, 8th. ed.
Bl. deep pink, in dry wooded slope
north of Hopewell Gap 1/2 mile, ditto

- ✓ 19838 *Viola triloba*
On wooded banks near Hopewell Gap
Abundant, very showy. ditto

- ✓ 19839 *Viola sagittata*
On wooded banks near # 19838 ditto

- ✓ 19840 *Viola fimbriatula* L.
In woods along wood road near
19838.

Viola sagittata Ait.

- On wooded banks along
wood road on top of ridge
✓19841 just north of Haperell Gap.
common here, May 6, 1951
H.A. Allard.

- ✓19842 Viola latimaculata ?
Rather puzzling. In woods
near # 19841. ditto

- ✓19843 In mud along brook
in Jackson Hollow, north of
Haperell Gap 1 1/2 mile. ditto

- ✓19844 moss.
In damp soil in Jackson
Hollow, Bull Run Mt., Va. ditto

- ✓19845 Viola sagittata
In oak woods along woodroad
north of Haperell Gap 1 1/2 miles in
Jackson Hollow ditto

- ✓19846 Viola papilionacea
In wet soil in Jackson
Hollow near # 19845 ditto

- ✓19847 Viola septentrionalis ?
In woods along top of ridge
just north of Haperell Gap along
woodroad. ditto

Viola triloba

- along wood road near # 19847.
✓19848 May 6, 1951
H.A. Allard.

- ✓19849 Geranium maculatum
In woods on ridge near
19848. ditto

- ✓19850 Viola
In woods top of ridge along
wood road near # 19847. ditto

- ✓19851 Viola
Near # 19850 ditto

- ✓19852 Viola sp.
Near # 19847 ditto

- ✓19853 East slope High Point
ridge, on soil in heavy
oak woods, May 13, 1951
Cladonia H.A. Allard

- ✓19854 In mud and water along
brook in Jackson Hollow
north of Haperell Gap 2 mi.
May 20, 1951
H.A. Allard.

Calycanthus fertilis Walt.
North of Hopewell Gap 3 miles, in
thicket beyond old cabin site -
19855 turning thicket of it here.
May 13, 1951
H.A. Allard

✓ 19856 *Viola*
In low swampy thicket
near # 19855 ditto

✓ 19857 *Botrychium virginianum*
Near # 19855 ditto

✓ 19858 *Viola*
Near # 19855 in damp
woods ditto

✓ 19859 *Viola*
Near # 19855 ditto

✓ 19860 *Ranunculus hispidus* M. Michx.
moist woods in Jackson Hallor
north of Hopewell Gap 2 1/2 mi.
ditto

✓ 19861 *Viola sagittata*
wood road near # 19860 ditto

✓ *Oxalea* on wooded slope
north of Hopewell Gap
May 13, 1951
19862 1/2 mile H.A. Allard

✓ 19863 *Viola*
Near # 19862, on wooded
slope, near # 19862 ditto

✓ 19864 *Viola*
Near # 19862 ditto

✓ 19865 *Viola*
Near # 19862 ditto

✓ 19866 *Viola*
Near # 19862 ditto

✓ 19867 *Viola*
Near # 19862 ditto

✓ 19868 *Oxalis*
Near # 19862
In dry, grassy
woodroad. ditto

Carex
Near # 19862. May 13, '51
H.G. Allard

19869

19870 Silene virginica
Near # 19862 on
dry, sparsely wooded bank ditto

19871 Viola
Near # 19862. Top of
ridge on wooded bank. ditto

19872 Viola
Near # 19871 ditto

19873 Viola
Near # 19871 ditto

19874 Viola
Near # 19871 ditto

19875 Thorn, originally from
Bull Run, but Transf. to
Allard's garden. Sep 15-16
stamens white to pinkish - 20

Lysichiton
Prodrives at Allard's garden
May 17, '51
H.G. Allard

19876

19877 On damp wood road in May 13, '51
Jackson's Hollow - H.G. Allard

19878 Viola
In wood road, dry, &
sparsely wooded on bank ditto
near # 19877

19879 Viola triloba
near # ditto
In woods near # 19862

19880 Dioscorea - plant A.
Root - etc. ditto
East slope High Point ridge
in rich woods -

19881 Dioscorea
On same ridge near ditto
19880

19882 Dioscorea
Near # 19880 ditto
Twining only at tip -

Dioscorea

May 20, 51

- 19883 Near # 19880
Entire plant
- 19883 a. Hieracium venosum -
Trail to High Point.
- 19884 Dioscorea
Entire plant ditto
Near # 19880
- 19884 a Lupinus perennis - outcrop
to High Point
- 19885 Dioscorea
Entire plant ditto
Near # 19880
- 19886 Dioscorea
plant B.
Trimming only at top ditto
Near # 19880
- 19887 Orobanchaceae uniflora
In woods near High Point ditto
Near to Bull Run area -
Not common.
- 19888 Papaver
at Bererby Mill,
Therofore Gap
In waste ground ditto
- 19889 Thalassiparvum L.
at Bererby Mill,
Near # 19888 ditto

Dioscorea quaternata

- 19890 ^{On} along wooded bluff along
Brook Run 1 mile S of
Therofore Gap on Triassic
conglomerate outcrop. 5/27/51
H.A. Allard
- 19891 Dioscorea quaternata ditto
Near # 19890
- 19892 Botrychium virginiana ditto
Near 19890
- 19893 Heuchera ditto
Near # 19890.
- 19894 Asarum virginicum L.
In rich woods near # 19890.
ditto
- 19895 Trifolium pratense
along bank near Brook Run
near # 19890 ditto
- 19896 Sundraps
Oenothera -
On Triassic sandstone along
Brook Run ^{one} 7 miles S of Therofore Gap
ditto

Trifolium hybridum

- ✓ 19897 In open waste ground on
Triassic area near Broad Run
1-1½ mi. south of Thorofare Gap.
5/27/51
H.A. Allard.

- ✓ 19898 Grass
on wooded bank Pond Mt.
south of Thorofare Gap 1½ mi
ditto

- ✓ 19899 *Sisyrinchium*
On bluffs - low land along
Broad Run 2-2½ mi. south of
Thorofare Gap. adds blue color to
meadows here. ditto

- ✓ 19900 *Carex*
In dry soil near woods in
thicket on east slope Pond Mt., Va
ditto

- ✓ 19901 *Emphorbia obtusata*
Near # 19899 - on Triassic
barren land near Broad Run
common, abundant here. ditto

- ✓ 19902 *Orobanchae uniflora*
on same wooded bluffs
with 19890. ditto

- ✓ 19903 Kale - Throm
Allard's garden.
Fall flower 5/26/51
var Dwarf Green curled Scotch

Geranium dissectum
In Allard's garden

19904

June 2, 1951
H.A. Allard,

- ✓ 19905 Cup fungi on dead wood
on west of Pond Mountain, Va;
south of Thorofare Gap 1 mile.
Tangier Co., Va June 10, 1951
H.A. Allard.

- ✓ 19906 *Ptelea trifoliata* L.
In damp thicket along Potomac
at foot of Chestnut Hill road off Leesburg Pike
June 3, 1951. H.A. Allard,

- ✓ 19907 *Lobelia* - white fl.

Near # 19906
= *spicata* Lam.

ditto.

- ✓ 19908 *Geranium dissectum*

In Allard's garden
Arlington, Arlington Co., Va
June 7, 1951. H.A. Allard.

- ✓ 19909 *Dianthus barbatus*
on east slope Pond Mt., Va.
Plant B. June 10, 1951
H.A. Allard. ^{glossy} _{below}

- ✓ 19910 *Geranium columbinum* L.
East slope Pond Mt., Va. w of
Thorofare Gap 2 miles - in pasture
frequent. ditto.

Heuchera americana
~~form~~ *var. brevipedata* which Gray
8th ed. inv. under *americana*
19911 with # 19906 - on ledges
along Potomac.

19912 Bog - east slope Pond Mt.,
just south of Thorefare Gap.
July 8, 1951
H.A. Allard

Sagittaria latifolia Willd. var. *pubescens*
(Muhl.) J. S. Sm.
19913 *Cirsium minimum* in pasture
near # 19912 ditto

19914 In bog with # 19912. ditto
Dryopteris Thelypteris -
(marsh fern). covered with Japanese
beetles, as is the sensitive fern nearby.

19915 woods - east slope of
Pond Mt.: 1 1/2 miles S. of Thorefare Gap.
July 8, 1951 H.A. Allard, J.
Similar to *pseudo-kinad.*

19916 *Desmodium*
In woods with # 19915 ditto
= *glutinosa* (Muhl.) Wood

19917 In woods on Pond Mt. cliffs
near # 19915
Cynoglossum virginianum
Near # 19915 ditto

In woods with # 19917.
July 8, 1951 } = July 1
H.A. Allard

19918 *Circaea quadrangulata*
var. *canadensis*

19919 *Fragaria americana*
at cliffs of Pond Mt., Va
near # 19915. ditto

19920 *Dryopteris fragrans*?
(*megaphylla*)
In woods near # 19919. ditto

19921 *Dioscorea quaternata*
In rich woods near

19915 Sep 2?
Leaves mostly glabrous beneath
twist (?) ditto

19922 *Dioscorea quaternata*
Plant 0 hairy under side
leaves. twist (?) ditto

19923 upper part of plant #1
Dioscorea quaternata ♀
Twist (clockwise) ditto

19924 Plant N. ♀ twist clockwise.
middle and upper part stem
and lower part stem
turn clockwise. ditto

Dioscorea quaternata

Plant M. Sep 2

- 19925 Twist clockwise as shown
at tip. July 1, 1951 }
Near 19915 = July 1

- 19926 *Dioscorea quaternata* Plant L
Leaves glaucous beneath, slightly hairy.
Twist clockwise. ditto
Near # 19915

- 19927 Plant G. Leaves very slightly or glaucous
beneath. *Dioscorea quaternata*
Sep 2. ditto

- 19928 Fern
Dryopteris phlegoptera
Near # 19915 ditto

- 19929 *Dioscorea quaternata* Plant K
Sep 6 Twist clockwise ditto
Leaves white, glaucous, glaucous
beneath.

- 19930 *Dioscorea quaternata* Sep 2
Plant J. Leaves hairy, white
beneath. ditto

- 19931 *Dioscorea quaternata* Sep 6
Twist clockwise. ditto
Plant H. (root) etc.

Dioscorea quaternata Sep 2

Plant I

- Leaves glaucous, hairy
19932 beneath. Near # 19915
July 1, 1951 }
H.A. Allard

- 19933 *Dioscorea quaternata*
Plant F. Twist clockwise. ditto
♀ ♂ middle and basal node.
Twist clockwise

- 19934 *Dioscorea quaternata*
Plant D. Twist clockwise. ditto
♂

- 19935 *Dioscorea quaternata*. ditto
Plant A. Twist (?)

- 19936 *Dioscorea quaternata*
Plant B. Twist clockwise ditto
♂

- 19937 *Dioscorea quaternata*. ditto
Plant C. ♂. Twist clockwise.

- 19938 *Smilax pseudochina* L ditto
In rich woods near # 19915
(Near to Bull Run area) ditto

Scutellaria integrifolia L.
In bog with 19912. Very
showy, abundant. July 1, 1951

19939

19940 *Lafayettea*
In bog with # 19912.
abundant.

Stachys nuttallii Shuttlew.
Terminal doubtful of our sp.

19941 *Rudbeckia serotina*
Near # 19912 - same meadow

var. *sericea*

19942 *Pentstemon digitalis*
with # 19912 - same
meadow;

19943 *Celtuce* -
Sold by Burpee Seed Co;
Grows 5-6 ft; fl. yellow
July 23, 1951 Allard's garden
3000-7th St. North
Arlington, Va.

19944 *Chelone glabra* L.
In wet shot above Thomas, W. Va.
fl. white or only slightly pinkish.
July 21, 1951.
Tucker Co near Davis

19945 *Monarda media* Willd.
corolla purplish red, showy.
In Smoke Hole above Petersburg
along the south Branch of the
Potomac. July 20, 1951
H.A. Allard. Grant Co. (no)

Allium pernum Roth.
nodding umbel of pink fl.
On shale slope near # 19945
July 20, 1951
19946 H.A. Allard

19947 *Houstonia tenuifolia* Carter.
with # 19946, ditto

19948 *Plantago rugelii* DC. ex.
On shale bank with # 19945
ditto

19949 *Viola canadensis* L.
On top of Buffalo Lick Knob
near Harman, in rich woods
July 16, 1951. Randolph Co.
H.A. Allard.

19950 *Pedicularis canadensis* L.
In clearings near # 19949.
Past flowering. July 16, 1951
H.A. Allard.

19951 *Galium boreale*
In grassy bog near Harman
across from church on highway
to Davis.

19952 *Juncus*.
In sand quarry above
Thomas. July 16, 1951.
H.A. Allard. In wet soil.

Smilax tannoides var. *hispida*.
In rich woods near sand
quarry beyond Thomas, W. Va.
19953 July 16, 1951
H. A. Allard.

19954 *Smilax bona-not.*
on ledges around sand
quarry beyond Davis, W. Va.
July 16, 1951.
(Very prickly)

19955 Gramineae
wet shot below sand pit or sand
near 19953 July 16, 1951 } quarry.

19956 *Smilax tannoides* var. *hispida*
In rich woods near # 19953
ditto

19957 *Eleocharis*
In wet sand at sand pit near
19952. ditto

19958 Cyperaceae
In wet soil near # 19952 ditto

19959 *Melampyrum lineare*
var. *americanum* W. Va.
on bog back on ridge near Germany
valley - in dry, rocky woods. Pendleton Co.
July 17, 1951
H. A. Allard.

At foot of dip of mountain
crossed by highway to lookout
over Germany Valley, W. Va.

19960 Not in fl. July 17, 1951
= *Clintonia borealis* (L.) Raf. #9, Allard.

19961 *Anaphalis margaritacea*
on spruce knob near highway
and parking place where trail takes
off to top along little branch.
July 17, 51. H. A. Allard.

19962 *Penstemon hispidus*
on rocky slopes near # 19961.
ditto

19963 *Carex ~~callicarpa~~ pauciflora*
On bog on Dolly Sods - near 4000
ft. 7/18/51. } Later ident. this
as *C. pauciflora*, and
H. A. Allard. } this was checked by Dr.
H. J. Harms.

19964 *Rubus*
In bog with # 19963
ditto

19965 *Geranium linearis*
Not in fl. with # 19963
ditto

19966 *Oxyspora rotundifolia*
with # 19963 - carpeting the bog; in fl.
Very abundant.
ditto

Lichens on trees at cliffs
at near 4000 ft. near 19960
July 17, 1951
19967 H.A. Allard.

✓ 19968 *Cladonia*
on soil on rocks near # 19967
ditto

✓ 19969 ~~*Asiaticum muscatorum*~~
in bog with 19963; abundant here;
full bloom
✓ *Gygadenum leimniioides* 7/18/51
abundant H.A. Allard

19970 *Juncus*
in bog with # 19963 ditto

✓ 19971 *Carex pauciflora* Lightf.
dry sphagnum bog with # 19963
abundant here, at 4000 feet.
ditto

✓ 19972 *Cyperaceae*
in bog with # 19963 ditto
✓ *Carex acutisialis*

✓ 19973 *Viola canadensis* Pennell Co
in Seneca Gap along stream
banks; fl. with purple lines within.
7/19/51
H.A. Allard

Geranium robertianum
On banks with # 19973 7/19/51
19974 abundant H.A. Allard

✓ 19975 *Hemerocallis americana hispida*
on shale banks along highway
✓ on Shenandoah mt. 7/14/51
H.A. Allard. (Pentstemon (no))

✓ 19976 *Solidago juncea* Ait.
on shales on Shenandoah mt.
Va and W. Va, with # 19975
ditto.

✓ 19977 On Triassic area, along
Broad Run 2-3 miles
S. of Berens Mill - Pond mt. area 2
Aug. 1951
near Broad Run. H.A. Allard
Convolvulus sepium
on a steep hill
contra-clockwise turning
19978 *Convolvulus sepium*
contra-clockwise on *Plantago rugelii*
with # 19977 ditto

✓ 19979 *Merispermum canadense*
contra-clockwise turning
ditto
in woods 3 miles down Broad Run
where Va. Bluebells grow.

✓ 19980 *Cuscuta* on *Eupatium piflorum*
near # 19979. contra-clockwise turning

Physalis
In low meadow along Broad Run
Triassic area - 3 miles S. of Thorofare Jct.
Aug 19, 1951
19981 H.A. Allard
Frequent here

19982 - on bottom of small pool
just south of Thorofare Jct.
along Broad Run. Aug 19/51
This an artificial one of H.A. Allard
6-7 years old.

19983 *Pueraria thurbergii*
contra-clockwise twining
On bank near Centerville, Va
Aug. 19/51
H.A. Allard.

19984 *Helianthus multiflorus*
Near # 19981, in low, marshy
ground Aug 19/51
H.A. Allard

19985 *Cyperus*
In swale beyond Broad Run
station, west slope Bull Run Mt.
Aug. 26/51
H.A. Allard

19986 *Dioscorea quaternata* ♀
clockwise twining
In woods west slope below
High Point ridge Aug 26/51
H.A. Allard.

19987 *Dioscorea quaternata* ♀
clockwise twining
Near # 19986 ditto

Pueraria thurbergii
contra-clockwise twining
Aug. 26/51
H.A. Allard
19988 On bank near Fairfax, Va.

19989 *Scirpus*
In single with # 19985
8/26/51
H.A. Allard.

19990 *Setaria faberi*
at Berkeley Mill,
Thorofare Jct., Va on bank.
Bull Run Mt., Va
Aug. 26/51. H.A. Allard

19991 *Sericocarpus asteroides*
On trail on way to High Point,
on east slope High Point ridge
Aug. 26/51
H.A. Allard

19992 *Andropogon furcatus*
on railroad bank at
Broad Run station, Bull Run Mt., Va
Is this new to Bull Run area?
Aug 26/51
H.A. Allard

19993 *Helianthus giganteus*
Near # 1992
ditto

19994 *Eragrostis*
field beyond Broad Run station
Aug 26/51
H.A. Allard

Empatorium
near Broad Run station; pale
lilac heads; along railroad,
Aug. 26/51

19995 H.A. Allard.

19996 *Dioscorea quaternata* f.
west slope High Point ridge
Aug. 26/51
H.A. Allard.

19997 *Pueraria thurbergii*
contra clockwise twist
Aug. 26/51
Near Fairfax.

19998 *Sagittaria*
in swale above Broad Run
station, with # 19985 Aug. 26/51
H.A. Allard.

19999 *Pueraria thurbergii*
contra-clockwise twisting
on bank near Centerville, Va
Aug. 26/51
H.A. Allard.

20000 Grass in wet swale near
Young's Branch, Triassic area
beyond Bull Run Creek. H.A. Allard
Sept 3, 1951

Panicum
stipitatum abundant in this swale
very striking purple-red panicles.

20001 *Serardia* bl. purple-red.
in swale west slope Pond Mt.
near Thornton Gap. Sept 3/51
H.A. Allard

Buchnera americana
bl. deep purple. In pasture,
west slope Pond Mt. Va at edge forest,
in fern, about west of home
20002 All in flower on small here.
Sept. 3, 1951

H.A. Allard
Near to Bull Run area. Quite a scattering
of plants here. Turn black in drying.

20003 *Leersia oryzoides*
in wet spot by roadside
at west of Hopewell Gap. Sept. 9, 1951
abundant here, H.A. Allard

20004 *Cuscuta* Near # 20003
on *Impatiens biflora* ditto

20005 *Pueraria thurbergii*
near Centerville on bank
Sept 9, 1951 all in bloom
H.A. Allard here.

20006 *Vitis labrusca*
Fruit past. Near # 20003
Sept 23, 1951

20007 *Broussonetia papyrifera*
South of Hopewell Gap near
old Riley Cabin Sept 23, 1951
H.A. Allard

20008 *Desmodium*
Near # 20007, in pasture
thicket ditto

Grass.
In woods along brook
south of Hoperell Gap,
20009 Bull Run Mt., Va
Sept 23, 1951
H.A. Allard.

20010 *Solidago altissima*
Near # 20009.
Sept. 23, 1951

20011 East slope of Pond Mountain
slope, at western edge of
Triassic. below Thorofare Gap.
(Oct. 14, 1951). Rays white to faint purplish.
H.A. Allard = *Aster prealtus* Poir.

20012 *Helianthus autumnalis*
In meadow 2 miles south
of Thorofare Gap along Broad Run - on
Triassic. Heads of disk fl. yellow
ditto.

20013 *Aster*
Rays white
In meadow with # 20012
ditto

20014 *Aster pilosus* Willd.
Roadside east slope of Pond Mt., Va
Rays white. Near Thorofare Gap.
ditto.

20015 *Celastrus orbiculatus*
Oct. 20, 1951. From Allard's vine
orig. from Hoperell Gap, Bull Run
Mt. Va., many years ago. Has escaped
at several places at Lyon Park, Va
H.A. Allard.

Aster pilosus
at Thorofare Gap, Bull Run Mt., Va
In wet soil near Broad Run
20016 Oct. 21, 1951
H.A. Allard.

20017 *Solidago rugosa*
Near # 20016 in damp soil.
ditto

20018 *Solidago Caesia*
Pond Mt., west slope south
of Hoperell Gap in woods.
Oct. 21, 1951
H.A. Allard

20019 *Xanthium chinense* Mill.
Near old house site in pasture,
west slope Pond Mt. 1 1/2 - 2 miles S. of Thorofare
Gap. Oct. 21, 1951
H.A. Allard.

20020 *Xanthoxylum chinense*
Cirsium discolor
In pasture near # 20019.
ditto

20021 *Alnus serrulata*
along brook in pasture, near
20019. ditto Common.

20022 *Aster tataricus*
Near west entrance of Thorofare Gap
a good-sized colony.
Oct. 21, 1951
H.A. Allard.

Aster tardiflorus

Pasture, near slope Pond Mt., Va.
Bull Run Mt., Fannin Co.
20023 Oct. 21, 1951 In dry thicket.
H.A. Allard.

20024 *Aster purpureus* L. forma
candidus Horn.

Rays snow white -
with a purple-tinged along at Thorofare Gap.
Oct. 21, 1951. Rare. Not edible.

20025 *Vitis*

Orig. obtained from S.P.C. mainly me
at my home, Arlington, Arl. Co., Va. Fruit
in Oct. Nov. clear light blue, attractive, but
has escaped readily. Nov. 2, 1951
Fruit not edible. H.A. Allard.

20026 Same grape as # 20025, from
same vines Oct. 27, 1951, Arl. Va. Arl. Co.
H.A. Allard, Va. Has escaped readily, as fruit
eaten by birds, not edible, light blue.

20027 Same grape as 20025
Nov. 2, 1951 This has

20027a) H.A. Allard escaped readily
around my place, 3000 ft. S. N.
Arlington, Va. Oct. 27, 1952

20028 *Ligustrum ovalifolium* Hassk.
at Berkeley Mill, Thorofare Gap, Bull
Run Mt., Va. Oct. 4, 1951. Has escaped
on bare spots near, on ridges along
trail; fruit dark, dull blue. H.A. Allard.

20029 *Dryopteris marginalis* (L.) Gray
1 mile S. of Thorofare Gap along Broad Run
on cliffs of limestone conglomerate.
March 16, 1952

Camptocarpus rhizophyllus (L.) Link
1 mi. S. of T. Gap, with # 20029.

only locality known in Fannin
20030 area, and one locality of several
plants on a rocky cliff north of
Hapenell Gap on Quaternary Combsian.

20031 *Pinus virginiana* Mill.
on Border conglomerate (out limestone)
S. of Thorofare Gap 1/2 mile along
Broad Run.

20032 *Alnus serrata* (Ait.) Willd.
Recent soil 2-2 1/2 mi. south of Thorofare
Gap near Broad Run. March 16/52
in wet soil along streams, brooks, throughout
the area, not in leaf yet.

20033 *Juniperus virginiana* L.
on Border conglomerate, 1 1/2 mi. S. of
Thorofare Gap. 3/16/52. Abundant, dist.
throughout area in drier soils of fields
and pastures, rarely wet soils.

20034 *Polypodium virginianum* L.
1 mile south of Thorofare Gap on wooded
limestone conglomerate cliffs along
Broad Run. Common in entire area, on wooded
rocky ledges and outcrops. 3/16/52

20035 *Polytrichum acrostichoides*
(Michx.) Schott. wide spread in area, on
all wooded ledges, banks and rocky outcrops.
3/16/52
H.A. Allard

20036 *Stellaria media* (L.) Cyrillo.
Common everywhere in old fields, pastures
and waste ground throughout the area.
Flowering all winter till heat of summer
when it dies

✓ *Veronica hederacifolia* L.
along Goose Creek north of route 7
3 miles on recent soil. Very abundant -
20037 here just in flower.
Loudoun Co.
March 30, 1952. H.A. Allard

20038 with # 20037 - recent,
alluvial soil; very common
here.
✓ *Claytonia virginica* L.
ditto

20039 *Lycopodium complanatum* L.
var. *plattifolium* Fern.
In pine woods (*Pinus virginiana*) on
red shale just back from left bank
of Goose Creek. Abundant here; ditto

20040 *Polyptichum procumbens*
(Mich.) Schott On same river
(red shale) near # 20039 ditto.

✓ 20041 *Erythronium americanum* L.
On recent alluvial soil near
20037. Very abundant - barely
in flower. ditto.

✓ 20042 *Oenothera biennis* Muhl.
On slope of diabase ledges
bordering alluvial flood plain
3 miles down from U.S. route 7
Abundant, just in flower.
in deciduous woods ditto.

✓ 20043 *Anemone nemorosa* L. var. *frankii*
On diabase outcrop near
20042. Abundant in deciduous
woods ditto.

Mass at foot of tree on diabase
knob, along Goose Creek
Loudoun Co.

20044

March 30, 1952
H.A. Allard

20045 Moss on Manassas
red sandstone on hills 3 miles
along left bank of Goose Creek, in
brook ditto

20046 April 6, 1952. Explore area
along Broad Run from U.S. 211 at
Buckland up Broad Run 4-4½ mi.
walked 8½ miles by odometer.

✓ 20047 along Broad Run at bridge on
U.S. 211 on Red sandstone outcrop
✓ *Lamium amplexicaule* L.
abundant, April 6, 1952 Prince William Co.
H.A. Allard

✓ 20048 *Arabis thaliana* (L.) Heynh.
On red sandstone soil and
outcrop with # 20047. ditto.

✓ 20049 *Barbarea vulgaris* R.Br.
On same outcrop near bridge
with # 20047. ditto

✓ 20050 *Arabis thaliana* (L.) Heynh.
Near # 20048
ditto

✓ *Carex pennsylvanica*
✓ on red sandstone outcrop on
knob just up stream on Broad
20051 Run near Buckland $\frac{1}{2}$ mile from
bridge on U.S. 211. abundant
4/6/52. Prince William Co.
H.A. Allard.

✓ 20052 *Carex pennsylvanica* Lam.
✓ on dry open woods on sandstone
knob. *Taraxacum officinale* Weber.
on diabase soil on outcrop at Buckland,
Va.

✓ 20053 *Viola*
✓ on dry red sandstone outcrop
just above bridge at Buckland.
at U.S. 211. spurred petal not bearded.

✓ 20054 *Sanguinaria canadensis* L.
✓ $\frac{1}{2}$ mile from bridge at Buckland
over Broad Run, - up stream $\frac{1}{2}$ mi.
in dry wooded slope on diabase outcrop
4/6/52. Prince William Co.

✓ 20055 *Viola latifolia*
var. *rafinesquii* (Greene) Fern.
✓ on red sandstone outcrop $\frac{1}{2}$ mile
from bridge up Broad Run, at Buckland.

✓ 20056 *Desmodium illinoense*
✓ on red sandstone outcrop
near # 20055. 4/6/52

✓ 20057 *Saxifraga virginensis*
✓ on metamorphosed sandstone
outcrop 1 mile up Broad Run
from bridge at Buckland
4/6/52

✓ *Desmodium illinoense*
✓ $\frac{1}{2}$ mile from bridge near Broad Run
up stream on metamorphosed
20058 sandstone outcrop.
abundant - full bloom.
4/6/52

✓ 20059 Fern on diabase ledges
✓ $\frac{1}{2}$ mi. up Broad Run from
bridge at Buckland, Va
4/6/52

✓ 20060 *Plum. aromatica* Ait. in
✓ flower on diabase outcrop, or
near # 20059 metamorphosed
sandstone -

✓ 20061 *Corydalis flavula*
✓ on diabase dyke outcrop.
✓ $\frac{1}{2}$ - 1 mi. from Buckland up Broad
Run 4/6/52

✓ 20062 *Desmodium illinoense*
✓ on diabase dyke outcrop
✓ 1 mi. from Buckland, up Broad
Run. 4/6/52

✓ 20063 *Desmodium illinoense* Thaliana -
with # 20059. 4/6/52

✓ 20064 *Arabis laevigata*
✓ on diabase rock 1 mi. from Buckland
up Broad Run. 4/6/52

Chilanthus vestitus (Spreng.) Sm.
On diabase outcrop ledges $\frac{1}{2}$ -2 mi
up Broad Run from Buckland.
20065 4/6/52. Prince William Co.
= *Chilanthus laevis* (Michx.) DC. Exm

20066 *Hepatica americana*
forma *candida* Fern
fl. pure white.
In woods on outcrop prof. diabase
near # 20065

20067 *Sanguinaria canadensis*
on diabase knof in woods
2-3 mi. up Broad Run from
Buckland. Prince Will. Co 4/6/52

20068 *Snaphaleum plantaginifolia*
On diabase outcrops
3 mi. from Buckland,
up Broad Run.

20069 *Erythronium americanum*
fl. yellow with fine dotting
at base of perianth segments
on recent or alluvial soil along Broad Run
3 mi. from Buckland, up stream.

20070 *Hepatica americana* with
blue-purple flowers
on diabase knof in woods
up Broad Run 3 mi. from Buckland.

20071 *Claytonia virginica*
on recent alluvial soil along
Broad Run. 2-3 mi. from
Buckland up stream.

Arabis lyrata L.
on diabase cliff up Broad Run 3 mi.
from bridge at Buckland
20072 Prince Will. Co }
4/6/52
H.A. Allard }

20073 on rocky hog back of
diabase 3 mi up Broad Run
Arabis lyrata L. ditto }

20074 *Arabis lyrata*
On same diabase hog back
near # 20073 ditto

20075 *Polypodium vulgare*
On diabase ledges
3 mi up Broad Run from
bridge at Buckland. ditto

20076 *Dryopteris marginalis*
same diabase outcrop with
#20075 ditto

20077 *Anemone thalictroides*
(L.) Strach.
on very stony diabase knof
3-3 1/2 miles north of bridge up
Broad Run up stream. ditto

20078 *Stellaria pubera* Michx.
on same stony diabase knof
with # 20077.

Carex on diabase stone outcrop
3 miles up Broad Run
20079 from bridge at Buckland.
4/6/52 Prince Will. Co.
H.A. Allard

20080 aplectrum hyemale (Muhl.)
on rich wooded slope on
metamorphosed red sandstone or
diabase 3 miles up Broad Run from
bridge at Buckland. ditto

20081 Prunus persica (L.) Batsch.
In thicket near old house site.
2 mi. up Broad Run from bridge
over Buckland. ditto

20082 Montesia virginica (L.) Pers.
In alluvial recent soil up Broad Run
1 mile from bridge at Buckland. ditto

20083 Draba verna L.
On diabase outcrop at bridge over
Broad Run at Buckland ditto

20084 Vinca minor L.
On diabase on bank near
Broad Run at Buckland. ditto
Fully flowered

20085 Dicentra cucullaria (L.) Bernh.
On red sandstone outcrop on shady
bank up Broad Run 4-5 miles
from Buckland. ditto

✓ Podophyllum peltatum L.
On Cong. soil on cliffs 2 mi.
down Broad Run from Therofare Gap.
20086 Franconia Co. just coming
into flower. Very abundant.
(right bank stream)
4/20/52
H.A.A.

20087 Arisaema atrorubens (L.) Blume
forma nehrum (Sims) Fern.
In recent and on Cong. soil with
20086 ditto

20088 Viola pennsylvanica Michx.
Recent soil near # 20086. abundant
here. ditto

20089 Hepeta hederacea
On Cong. cliffs and soil
about 2 mi down Broad Run
abundant in woodlands
and thickets. ditto

20090 Aquilegia canadensis L.
On Cong. cliffs near # 20086
infrequent on Triaassic ditto

20091 Arisaema atrorubens
forma viride.
with # 20087 ditto

20092 Viola britanica
var. rufescentia
On ancient pre-Cambrian schists
on long bank 1/2 mi S. of Therofare Gap
near Broad Run. ditto

✓ *Alliaria officinalis* Andry.
2-2½ mi. down Broad Run from
therefore Gap. On recent soil. Abundant.
20093 just in flower.

4/20/52

Fauquier Co.

H.A.A.

20094 *Asarum*

On Cong. soil of Cong.
ledges - abundant - In decid. woods
2 mi. down Broad Run.
+ abundant, in rich woods - ditto.

20095 *Cercis canadensis* L.
On recent, alluvial soil - 3-3½ mi.
down Broad Run. Infrequent on alluvial
soil; but abundant on diabase knolls.

ditto.

20096 *20096
Ranunculus abortivus.
On recent, alluvial soil, near
20095; abundant. Just in flower.

ditto

20097 *Viola papilionacea*
In moist woodlands
on recent alluvial soil
3½-4 mi. down Broad Run.
Very abundant; full flower.

ditto

20098 *Ranunculus abortivus*
On recent, alluvial soil.
4 mi. down Broad Run
in thicket. Abundant.

ditto

20099 *Viola papilionacea* -
spurred petal glabrous.
2 mi. down Broad Run on
Recent alluvial soil.
In open thickets

ditto

Muscari racemosum

✓ On alluvial recent soil along
Broad Run 3½-4 mi. down
20100 Broad Run in thicket
Infrequent in area.
Fragrance heavy, plum-like.
Just in flower. Few plants.
4/20/52 Fauquier Co.
H.A.A.

20101 *Viola bicolor*
var. *refinesquii*
On recent, alluvial soil in
thicket 2½-3 mi. down Broad Run.
Very abundant; full flower. ditto

20102 *Barbarea vulgaris*
On recent, alluvial soil
2 mi. down Broad Run
Just in flower in old fields,
abundant. ditto.

20103 *Alliaria officinalis*
On recent soil in thicket
2 mi. down Broad Run.
Just blooming; abundant. ditto

20104 *Arabis thaliana*
On dry pasture soil on hog back
½ mi. S. of therefore Gap. Frequent,
full flower. ditto

20105 *Viola papilionacea*
4 mi. down Broad Run on recent
alluvial soil in swampy woods; with
blue bell. Very abundant here. ditto
spurred petal not bearded at base.

20106 *Viola pennsylvanica* - (yellow)
In same woods, recent soil
with # 20105 - abundant, full
bloom; capsules glabrous.
abundant. ditto

- 13 blue *Viola*.
on hogback with 20104 in
dry pasture, covered with browned
20107 Not abundant.
shaded petal nearly as quite
without beard.
on Cambrian schists etc. 4/20/52 }
Tanguier Co. }
- 20108 *Amelanchier*.
Low bush with #
20107. full flower. same
Cambrian schists or quartzites.
ditto

- 20109 *Carpinus*
Along Broad Run, recent
soil 3 1/2 mi. down stream from
Therapare Gap. Full bloom. Bark smooth,
gray. ditto
- 20110 Apple *Pyrus malus* L.
In old pasture thick on hogback
with 20107-20108. Frequent.
Full flower ditto

- 20111 *Veronica arvensis* L.
In dry pasture with 20104-
same hogback - abundant here - full
flower ditto

- 20112 Broad-leaved Carex
on Cong. soil on Cong. cliffs
2 mi. down Broad Run
right bank. ditto

- 20113 *Thalictrum dioicum* L.
on conglomerate ledges
with # 20112. Colonies here.
Dioecious. Very delicate, pretty. ditto
stamens entangled, purplish.

- ✓ *Asarum*
on Cong. soil and ledges 2 mi.
down Broad Run - 4/20/52
Tanguier Co.
H.A. Allard. }
- 20114

- 20115 Carex. on Cong. soil on
Cong. ledges near # 20114 ditto

- 20116 *Viola canadensis*
4 mi. down Broad Run in
swampy woods on recent, alluvial
soil. Full bloom, abundant. ditto

- 20117 *Pyrus communis* L.
In old pasture - common here
on hogback near # 20107, 20108,
20110. Full bloom ditto

- 20118 *Crataegus*. Originally from
near Signal Knob, Massachusetts Mt., years
ago. Anthers white; full bloom 4/29/52
April 29, 1952
H.A. Allard

- 20119 Recent soil along Goose Creek, right
Longdon Co., at bridge on bank.
route 7. H.A. Allard
Barbarea vulgaris R.Br. May 4, 1952 }

- 20120 Recent *Ondialysa* - rocky
knob along Goose Creek
Frequent. ditto 1/2 mi. from route
7, right bank.

On diabase rocky knof - $\frac{1}{2}$ mi
from route 7, left bank (wooded)
Goose Creek, right bank, Loudoun

20121 *Phacelia* 5/4/52 } Co.
H.A. Allard

20122 *Veronica* with # 20121
ditto

20123 on same diabase rocky knof
with 20121
uncommon. ditto
Flowers pale bluish.

20124 *Ranunculus micranthus*
on blood plain (alluvial)
right bank of Goose Creek -
 $\frac{1}{2}$ mile down stream from route 7
ditto

20125 *Podophyllum peltatum*
Recent soil right bank, Goose
Creek - 5/4/52
H.A. Allard

20126 Petals white with several tiny
purplish dot on each
Recent soil, right bank Goose
Creek - with # 20125
Abundant on blood plain
here.

20127 Recent soil.
all along Goose Creek -
Right bank. Abundant,
full bloom
ditto

✓ *Arisaema atrorubens*
Tamna ochroleuca creek
2 mi down Goose Creek
20128 right bank, recent.
5/4/52
Frequent.

✓ 20129 *Staphylea trifolia*
Recent. Near # 20128

20130 *Phlox divaricata* L.
Recent, blood plain right
bank -
2 mi down Goose Creek -
Frequent - full bloom - showy.
on alluvial soil here, right bank
5/4/52

20131 *Cercia canadensis*
2-3 mi down Goose Creek -
Occasional here. Recent.
full flower. ditto

20132 *Houstonia caerulea*
Recent soil - Near # 20131
Occasional here. ditto

20133 *Claytonia virginica*
Recent - very abundant
all along Goose Creek -
3 mi down - right bank.
Flowering passing ditto

20134 fl. white
Recent 3 mi down Goose Creek
very abundant - right bank
ditto

Viola - bl. blue
Recent - on flood plain right
bank 3 mi from bridge of
route T. 5/4/52 on Goose
Creek.
2 20135 Frequent.

2 20136 Carex, right bank Goose
Creek, 3 mi. down from
bridge of route T.
Frequent. 5/4/52

2 20137 *Viola canadensis*
3 mi down near # 20136
abundant, full bloom -

2 20138 Recent -
3 mi. down Goose Creek from
bridge and route T.
abundant on flood plain
5/4/52

2 20139 *Dicentra cucullaria*
on steep slope on rocky
subble of diabase sp. in deciduous
woods. Soil deep with much humus. very
mellow. flowering past. Occasional here
Some plants on flood plain 5/4/52
but less frequent here.

2 20140 Hem - Recent soil
3 mi down Goose Creek from route 7
at bridge.
Frequent - 5/4/52

2 20141 Carex - on Diabase knob
and subble 3 mi down
Goose Creek - from bridge and
route T. (bridge)
Frequent. In deciduous woods.

Rhododendron
2-3 mi down Goose Creek
from bridge and route T -
on Diabase knob in decid.
woods. Occasional here.
Soil not acid 5/4/52
Full bloom.

20143 *Viola pennsylvanica*
capitules white woolly Recent soil
2 mi. down Goose Creek -
from route T - right bank -
Occasional. 5/4/52

20144 *Viola papilionacea*
Near # 20143
abundant. Recent soil.

20145 *Ranunculus*
on diabase knob in heavy
deciduous wooded slope.
Frequent. 2 mi down on right bank
from bridge and route T
5/4/52

20146 *Stellaria pubera*
On Diabase knob (deciduous
wooded bank) with # 20145
Frequent. ditto

20147 *Geranium maculatum*
with # 20146. Frequent. ditto
Full bloom - Diabase knob.

20148 *Vicia caroliniana* -
In deciduous woods, on
rocky diabase knob - frequent
bl. pale bluish. 2 mi from bridge
of route T right bank. ditto

2 20149 Carex - linear leaves
2 mi down Goose Creek, right
bank - from bridge route 7.
On diabase knob, in
deciduous woods -
frequent 5/4/52
H.A. Allard

2 20150 Luzula
with # 20149

ditto

2 20151 Fagus -
Recpt - 2 mi down Goose
Creek - near # 20149
frequent ditto

2 20152 Podophyllum peltatum
Near # 20149
abundant.
Full bloom ditto

2 20153 Anemone
Near # 20149
frequent -
Full bloom ditto

2 20154 Viola triloba
In deciduous woods
with # 20149 - frequent ditto

2 20155 Dioscorea quaternata
Near # 20149
frequent. ditto

gingiva trifoliata

20156 Near # 20149
frequent.
Full flower.

5/4/52
H.A. Allard

20157 Galium
In deciduous woods
2 mi down Goose Creek
near # 20149.
frequent ditto

20158 In deciduous wood
near # 20149 - diabase knob.
Ranunculus -
frequent. ditto
5/4/52

20159 Shield fern
Polystichum acrostichoides
On knob bank on diabase knob
2 mi down Goose Creek, right bank,
from bridge, route 7. frequent ditto

20160 Potentilla
In deciduous woods on diabase
knob 2 mi down Goose Creek
right bank from route 7 and bridge
Occasional here. 5/4/52

20161 Viburnum prunifolium
In heavy deciduous woods
near 3 mi down Goose Creek
right bank, on diabase knob -
from bridge and route 7. Occasional here.
5/4/52

20162 Houstonia caerulea
Near # 20161. Occasional
in woods here - on diabase knob. ditto
Full flower

Viola triloba.
In heavy deciduous woods, on glabrous
knob 3 mi down Goose Creek, right
bank, from bridge, route 7.
Frequent here 5/4/52
H.A.A. }

20164 *Aquilegia* -
On steep bank, recent,
flood plain soil 4 mi down Goose
Creek, right bank, from bridge
and route 7. Occasional here
full bloom. ditto

20165 *Orobanchemiflora*
with # 20163 Recent soil ditto
Infrequent -

20166 *Arisaema atrorubens*
f. *zebrina*
Near # 20163 Recent soil
Frequent here. ditto

20167 *Agrimonia*
Near # 20164 ditto
Frequent on flood plain
soil

20168 *Ranunculus*
Near # 20164 ditto
Common - Recent soil

20169 *Fern*.
Recent soil - flood plain.
3 mi down Goose Creek, right
bank - from bridge route 7.
Frequent. ditto

+ *Galium* Near # 20169
3 mi down Goose Creek, right
bank - recent, alluvial soil
20170 Common - 3 mi down from
bridge and route 7. 5/4/52
H.A.A. }

20171 *Asarum*
Recent - 2 mi down Goose Creek
right bank - from route 7 and bridge
Frequent - large patches - full bloom.
5/4/52 H.A.A. }

20172 *Trillium erectum* recent soil
Near # 20171
In patches - occasional
on recent soil. Flowers purplish
Leaves with darker green mottling ditto

20173 *Nepeta hederacea*
Near # 20171
Very abundant - Recent soil ditto
full flower

20174 *Sedum ternatum*
abundant on a bank - recent
soil 4 mi down Goose Creek,
right bank: fl. white.
Near # 20164 ditto

20175 *Stellaria*
3 mi down Goose Creek, from
bridge and route 7 - recent soil.
Frequent; full bloom ditto

20176 *Cornus florida*
3-4 2 mi down Goose
Creek, on glabrous knob - in deciduous
woods - from route 7 and bridge
Infrequent here, right bank.
Flowers very fragrant. 5/4/52

Crataegus

orig. from Massanutten Mt.,
near Strasburg, Signal Knob, many
years ago.

- 20177 Stamens 10 - white or pinkish.
Full bloom May 7-9.
May 12, 1952
H.A. Allard

20178 Rhus radicans

up left bank of Goose Creek
as one detaches up stream from
the bridge and route 7, May 18, 1952
diabase rock - H.A. Allard

- 20179 Melilotus officinalis Goose stream
longer pinkish white
on bank left bank going up stream
just above bridge, route 7.
diabase ditto

- 20180 Diabase
in woods on diabase soil

ditto

20181 Chaetophyllum

on Diabase soil, in woods,
near # 20180

ditto

20182 Stellaria

on diabase soil near bridge
over Goose Creek near route 7.

ditto

- 20183 Recent soil at bridge of
over regundo route 7
left bank of Goose Creek.

ditto

Ulmus americana

- On left bank, Goose Creek.
just above bridge and route 7
20184 Left bank going up Goose
Creek just above bridge - recent
soil - 5/18
H.A. Allard

- 20185 Lactis glomerata
On diabase soil near
20184. Frequent.

ditto

- 20186 Grass.
Diabase soil
near 20184

ditto

- 20187 Pentstemon lilac.
flowers pinkish
one mile up Goose Creek from
bridge. Diabase soil
in old field.

ditto

- 20188 Carya glabra
diabase. near # 20187

ditto

- 20189 Quercus rubra
Diabase -
near # 20187

ditto

- 20190 Trifolium americana

ditto

Slechoua hederacea
1 mi. up Goose Creek, from
bridge and route 7, left bank
going up stream.
20191 On diabase rocky 5/18/52
outcrop. Balls on
stems

20192 *Cardamine bulbosa*
1 mi. up Goose Creek, in
diabase soil in wet soil
of brook - left bank going up ditto
from bridge

20193 *Carex* - narrow leaved
1 mi. up Goose Creek
diabase soil - left bank
going up stream from ditto
bridge and route 7.

20194 *Senecio aureus*
damp soil near # 20192
diabase ditto

20195 *Carex*
broad leaved -
diabase soil ditto
Near # 20192

20196 *Chrysogalum virginianum*
Deciduous woods
diabase - 1 mi. up Goose Creek
from bridge and route 7 - left bank ditto
going up stream

20197 *Galium tinctorium*
Near # 20196.
Diabase soil, ditto
Deciduous woods
Frequent

Chaerophyllum
diabase -

5/18/52
H.A. Allard

20198 *Ruellia* soil.
1 mi. up Goose Creek -
from bridge and route 7 -
left bank going up. Frequent

20199 *Gizia aurea*
In deciduous woods, diabase ditto
soil near # 20198

200 *Salvia lyrata*.
In old field 1 mi. up
Goose Creek from bridge and ditto
route 7, left bank going up stream

20201 *Inula imbricaria*
Diabase soil ditto
1 mi. up Goose Creek
near # 21000
Infrequent here.

20202 *Ranunculus*
1 mi. up Goose Creek ditto
in woods (deciduous)
along brook, Frequent
diabase.

20203 *Viola*
diabase - near # 20202 ditto

20204 Diabase soil ditto
Old field left bank going
up stream, Goose Creek - 1 mi.
from bridge and route 7.

✓ *Carex* -
1 mi. up Goose Creek
20206 from bridge and route 7 5/18/52
In woods diabase soil H.A.A.
left bank going up stream

✓ 20207 *Ulmus fulva*
1 mi. up Goose Creek ditto
Recent soil - from bridge
and route 7, left bank
going up stream.

✓ 20208 *Oxalis*
Diabase soil 1 mi. up
Goose Creek, in old field - ditto
from bridge and route 7, left bank
going up stream.

✓ 20209 *Moss*
On rocks in brook ditto
diabase soil
1 mi. up Goose Creek, left
bank, from bridge and route 7

✓ 20210 *Veronica*
On thin soil on diabase ditto
ledge 1 mi. up Goose Creek,
left bank going up, from bridge and
route 7

✓ 20211 *Rhus aromatica*. ditto
On diabase ledges
near 20210.

✓ 20212 *Chironanthus virginica*
2 1/2 mi. up Goose Creek, left ditto
bank going up, from bridge and
route 7. On diabase ledges

Smilacina racemosa 5/12/52
In woods (deciduous) H.A.A.
diabase soil 2 mi.
20213 up Goose Creek, left bank,
going up from bridge and
route 7. Frequent in rich
woods here. var. *cylindrata* Kun.

20214 *Osmorhiza longistylis* ditto
Near 20213
Common
var. *brachycoma* Blake

20215 *Viola pennsylvanica* ditto
Near 20213

20216 *Robinia pseudoacacia* ditto
On deciduous ledges
with 20212 - 2 1/2 mi. up
Goose Creek. Center of stand
barren, yellow - very fragrant.
Common throughout area.

✓ 20217 *Grass* ditto
2 mi. up Goose Creek -
from bridge and route 7.
In deciduous woods - diabase.
Frequent.

20218 *Betula nigra* ditto
Recent, alluvial soil
2 mi. up Goose Creek
from bridge and route 7.
Frequent along all stream in area.

20219 *Silene pennsylvanica* ditto
var. - On diabase bank -
bl. deep pink - 2 1/2 mi. up
Goose Creek - from bridge and
route 7. left bank going up.

anthranthemum odoratum
Recent, alluvial soil. 2 1/2 mi
up Goose Creek from route 7
and bridge - left bank
20220 young up stream. 5/18/52
common in area. H.A.A.
very fragrant.

20221 *Grossa*
near # 20220
Recent, alluvial soil. ditto

20222 *Saururus longistylis*
var. *brachystylis*. ditto
left bank going up stream -
2 1/2 mi from route 7 & bridge
Recent, alluvial soil

20223 Recent, alluvial soil
near # 20222 - ditto
Frequent on recent, alluvial
soil here.

20224 In damp open
meadow near # 20223,
diabase soil. ditto

20225 *Oxalis* -
in large, very showy patches
in open meadow near # 20223
diabase soil. ditto

20226 *Barbarea vulgaris*
with # 20225.
Common throughout area in old
fields, meadows etc. Very showy
yellow in April - May. ditto

Veronica
diabase soil
with # 20225

5/18/52
H.A.A.

20227

20228 *Viola*
In deciduous woods
diabase soil - rich woods.
2 1/2 mi. up Goose Creek -
near # 20225 ditto

20229 *Sisyrinchium*
In deciduous woods -
diabase soil - 2 mi. up Goose
Creek - from bridge & route 7
left bank going up stream. ditto

20230 *Hydrocotyle*
2 mi up Goose Creek
In deciduous woods, diabase
soil. frequent. left bank going up stream. ditto

20231 *Erigeron*
with # 20230
Deciduous woods -
diabase - ditto

20232 *Thlaspi trifoliatum*
In deciduous woods -
1 mi. up Goose Creek -
from bridge and route 7.
Fl. purplish red. ~~diabase~~ frequent. ditto

20233 1/2 mi. up Goose Creek
in old pasture - from
bridge and route 7.
diabase soil. ditto

On diabase soil
at bridge and route 7 5/18/52 H.A.A.

20234 on Goose Creek,
left bank going up stream,

20235 Goose Creek, right bank
going down. - May 30, 1952.
Diabase soil and rock.
H.A. Allard
May 30, 1952

20236 *Carya* *altis*
diabase near # 20235 ditto

20237 *Ulmus fulva*
diabase near # 20235 ditto

20238 *Sisyrinchia*
diabase near # 20235 ditto

20239 *Smilax*
high climbing in tree
diabase near # 20235 ditto

20240 *Carya*
diabase near # 20235 ditto

On diabase cliffs - $\frac{1}{2}$ mi.
on Goose Creek, right bank, on
bridge and route 7.
20241 Infrequent. H.A. Allard
May 30, '52

20242 *Agrastemma githago*
at bridge, route 7 over
Goose Creek. ditto

20243 *Carex*
 $\frac{1}{2}$ mi. from bridge and
route 7, Goose Creek. ditto
diabase

20244 *Rosa*
 $\frac{1}{4}$ mi. from bridge and
route 7, climbing high
in tree in thicket ditto

20245 *Anthriscus* in old
pasture, near # 20244 ditto
diabase

20246 *Eleocharis*
in wet soil near #
20244 ditto
diabase

20247 *Ligustrum*
in old woods in old
pasture near # 20244 ditto
diabase.

Scutellaria

*
brook in damp soil of
pasture 1 1/2 mi. from
20248 bridge and route 7,
may 30, 1952 }
|| Goose Creek, H.A.A. }
diabase

✓
20249 Carex
in wet soil with
20248. diabase ditto,

✓
20250 Berberis
in pasture near
20248 ditto

✓
20251 Galium near
20248, damp soil ditto
in pasture.
diabase

✓
20252 Carex
in damp soil near #20248 ditto
diabase

✓
20253 Carex
in damp soil with
20252 ditto
diabase

✓
20254 Carex
in damp soil near
20252 ditto
diabase

grass, with # 20252 - 5/30/52
wet soil of brook. H.A.A. ellard
diabase

20255

✓
20256 Sagittaria
in mud and water of ditto
brook near # 20252 -
in pasture diabase

20257 Rubus
lemonberry. ditto
in pasture near # 20252
diabase

*
20258 Scutellaria - ditto
1 1/2 mi. down Goose Creek
in thin pine woods!
Goose Creek diabase

20259 Lichen ditto
at foot of pine tree
near # 20258
1 1/2 mi. from route 7 and
bridge over Goose Creek.

20260 Grass. ditto
in thin pine woods
with # 20258
abundant. diabase

20261 Grass ditto
with # 20258
diabase

Aclepias quadrifolia

✓ In heavy deciduous woods,
diabase knob

20262 2 1/4 mi. from bridge
and route 7 over Goose Creek
Frequent.
Full blower
5/30/52
H. G. A. }

20263 *Viburnum acerifolium*
✓ In full blower - frequent
In same woods near #20262
diabase

20264 *Rubus occidentalis*
Near #20263
diabase
Frequent.

20265 *Adiantum petatum*
In rich deciduous woods near
Goose Creek, 2 1/4 mi. from bridge
and route 7. Diabase.

20266 *Ligustrum*
In deciduous woods
near #20264 and 20265
diabase
Superfrequent.

20267 *Carex*
In woods near
#20264

20268 *Rosa*
High-climbing - in pine
woods 2 mi. from route 7
and bridge over Goose Creek
diabase

✓ *Acer rubrum*

In wooded, damp ravine 5/30/52
2 mi from route 7 and #9 allard
20269 bridge of Goose Creek
diabase.

20270 *Carpinus*
In damp ravine
with #20269
diabase

✓ 20271 *Carex*
In deciduous woods
near #20269
diabase

20272 *Vaccinium stamineum*
In deciduous woods
2 1/2 mi. down Goose Creek
from bridge and route 7
diabase. frequent.

20273 *Gillenia trifoliata*
In deciduous woods near
#20272; frequent.
full blower

20274 Grass.
In same woods near
#20272
frequent.

20275 *Triglochin*
In wet spot in deciduous
woods 2 1/2 mi. down Goose
Creek from route 7 & bridge
superfrequent.

Botrychium virginianum (P. Schum.) 5/30/52
in heavy, rich deciduous
woods, 2 1/2 mi. down Goose
20276 creek from route 7 and
bridge. Diabase H.A. 9

Lepidium
20277 *Roadside* at bridge
on route 7, over Goose
creek, diabase, waste
ground ditto

Conotholis
20278 in rich deciduous woods
near # 20276 ditto
frequent.
diabase

Trifolium (yellow)
20279 diabase - ditto
at bridge with # 20277
frequent

Bromus
20280 in sterile, waste ground
with # 20277. abundant ditto
common. diabase.

Quercus stellata
20281 1/2 mi. down Goose Creek
from route 7 and bridge ditto
diabase, in pasture. frequent.

Veronica
20282 in pasture near 2 1/2 mi.
down Goose Creek from
route 7 and bridge. ditto
frequent diabase

Tradescantia. In damp
soil in deciduous woods 2 1/2 mi.
from bridge and route 7 5/30/52
20283 along Goose Creek.
diabase. abundant here - infrequent
in most sections of
area. fl. deep indigo blue, light
blue at pink.

Quercus virginiana
20284 2 mi. down Goose Creek
from bridge and route 7 - damp ditto
woods. frequent here.
diabase.

Carya
20285 near # 20284 ditto
diabase
frequent

Asclepias quadrifolia
20286 diabase - in heavy, deciduous
woods 2 mi. down Goose Creek ditto
from route 7 and bridge
frequent - full blower.

Hieracium venosum
20287 in heavy deciduous woods
2 1/2 mi. down Goose Creek from
route 7 and bridge - frequent. ditto
diabase

pink form of *Tradescantia*
20288 in same colony with # 20283 ditto
infrequent.
diabase.

Lepidium
20289 Broad Run, left bank
going up stream - field - diabase.
H.A. 1, 1952
2 1/2 mi. from route 7 H.A. allard.

✓ *Tarapacum officinale*.
2 1/2 mi. from route 7
20290 left bank of stream
on Broad Run
Diabase; field

6/1/52
H.A.A. }

11 20291 1 mi. up Broad Run
from route 7, field -
Colonies scattered
here. Diabase
+ (*Pentstemon*; fl. white)

20292 Near # 20290
In field - Diabase
Frequent.

✓ 20293 *Rubus* - Plant A.
floricane
Near # 20291
field - Diabase

III 20294 *Hemlock*
On diabase cliff outcrops
Near route 7, on Broad Run
left bank going up stream -

✓ 20295 *Lepidopogon*
On bank in field
1 mi. up Broad Run from
route 7. Diabase

20296 *Chrysanthemum*
Very common
Near 20291
diabase

✓ *Carex*
In field with # 20291.
20297 abundant here
diabase.

6/1/52
H.A.A. }

11 20298 *Bromus*
with # 20291
diabase
Common here

✓ 20299 *Scutellaria*
Near route 7, on
Broad Run - bank - Diabase
in woods.

20300 *Grass*
Near # 20291, in field
diabase
Frequent.

20301 *Houstonia*
Near # 20291
Frequent
diabase

✓ 20302 *Sisyrinchium*
with # 20291
Frequent here
diabase
1 mi. up Broad Run from route 7

1 20303 *Erigeron*
On ledge (diabase) outcrop
with # 20291
infrequent here

ditto

ditto

ditto

ditto

ditto

ditto

Senecio smallii
abundant throughout Triassic area
1 mi. up Broad Run
20304 from route 7.
diabase.
with 20291

20305 *Quercus alba*
Edge of field bordering
flood plain - diabase.
Frequent. 6/1/52 ditto

20306 *Houstonia Galium*.
In wet, marshy soil
diabase 1 mi. up Broad Run,
from route 7. Near # 20291 ditto

20307 *Callitriche*.
In water near # 20306
abundant here ditto
1 1/2 mi. up Broad Run from
route 7; diabase

20308 *Quercus imbricaria*
Near # 20305 ditto
Frequent here.

20309 *Quercus palustris*
Near # 20305 ditto
Frequent
1 mi. up Broad Run
from route 7; diabase

20310 Grass
In mud and water with
20306. ditto
diabase

Galium 6/1/52 }
with # 20306 H.A.A.
1 mi. up Broad Run from
route 7 - In damp soil
of field.
near # 20306
Infrequent.

20312 *Carex* ditto
In field near 20291

20313 *Oxalis*
with # 20291 ditto
In field; diabase
Frequent.

20314 *Bromus*
with 20291 - abundant. ditto
diabase; in field

20315 *Carex*
abundant in field ditto
with # 20291
diabase

20316 *Carya*.
2 mi. up Broad Run
from route 7. ditto
diabase
6/1/52

20317 *Quercus phellos*
occasional ditto
1 mi. up Broad Run
from route 7. diabase
6/1/52

Gramineae
1 mi. up Broad Run from route 7
in field; diabase
Frequent
20318
Near 20291
6/1/52 }
H.A.A. }

20319 *Agrostemma githago*
in field 2 mi. up Broad Run from route 7.
diabase; frequent. ditto

20320 *Celtis*
Near # 20319
on flood plain; recent soil ditto

20321 *Rubus* - plant B.
plasticane 2 mi. up
and veg. cane Broad Run in thicket -
diabase soil - field near # 20319
Frequent 6/1/52 ditto

20322 *Rubus* - plant B.
plasticane and veg. cane
N. ditto

20323 *Physocarpus opulifolius*
~~*Synophorus puzosianus*~~
on edge of field - diabase
near # 20319. Frequent.
full flower. 6/1/52 ditto

20324 *Potentilla*
in field near # 20323. ditto

Barbarea vulgaris 6/1/52 }
in field near # 20323 H.A.A. }
abundant.
20325 last flower.
diabase

20326 Carex - 2 mi. up Broad Run
from route 7; frequent ditto
diabase

20327 *Urtica fulva*
diabase ditto
Near 20319
Frequent,

20328 *Salix*.
Recent soil on muddy
bank in Broad Run 2 mi. up
from route 7. 6/1/52 ditto

20329 *Fraxinus*
1 mi. up from route 7
on Broad Run 1 mi. up.
6/1/52 ditto ditto

20330 *Rhus typhina* -
climbing high in tree ditto
Near # 20329.
Frequent, abundant.
diabase.

20331 *Sisyrinchium*
in field 2 mi. up Broad Run
from route 7. abundant here ditto
diabase

Ranunculus bulbosus 6/1/52
H.A.A.
In field 2 1/2 - 3 mi. up
Broad Run from route 7
20332 Frequent
Common in ^{entire} area
diabase

20333 *Carex*
2 mi. up Broad Run from
route 7 - in field. diabase.
abundant. ditto

20334 *Fragaria*
on diabase cliff outcrop
near route 7, up Broad Run ditto

20335 *Carex*
In field 2 mi. up Broad Run
from route 7. In field
diabase ditto

20336 *Bahia*
In wet meadow 2 mi.
up Broad Run from route 7.
diabase ditto

20337 *Fragaria*
2 mi. up Broad Run from
route 7 - edge of field - damp
soil diabase. ditto

20338 *Panicum*
On rocky diabase rubble
bank on route 7. at Broad Run ditto
6/1/52

Crataegus
On diabase outcrop with #20334
near route 7, on Broad Run
20339 6/1/52

20340 *Luzula*
On diabase rocky outcrop
near #20334. 6/1/52

20341 *Grass*
Near #20334
6/1/52
diabase.

20342 *Gramineae*
On diabase bank
on route 7, on Broad Run 6/1/52
with 20338 H.A.A.

20343 *Panicum*
In field 1 mi. up Broad Run
from route 7. 6/1/52
diabase.

20344 *Liquidambar*
Lyons Park, Va. at
Pershing Drive and north Warfield
Dec. 6, 1951. In park.
very beautiful.

20345 Top Buzzard Mountain,
Culpeper Co., Va. diabase
June 8, 1952
Grass canadensis H.A. Allard

Carya glabra -
Buggard Mt.,
20346 Culpeper Co., Va
diabase 6/8/52
H.A. Allard }

20347 *Quercus rubra*
Buggard Mt.,
diabase
Common. ditto

20348 *Quercus stellata*
Top Buggard Mt.
diabase. ditto

20349 *Juglans cinerea*
Top Buggard Mt.
diabase ditto

20350 *Carya*
Top Buggard Mt.
diabase. ditto

20351 On rocky dry shelf
Top Buggard Mt.
diabase ditto

20352 Grass
Top Buggard Mt. cliffs
diabase ditto

grass
20353 *Hyatris paticula*
Buggard Mt., Va
diabase 6/8/52
H.A. Allard. }

20354 *Cheilanthes tomentosa* Link
Top Buggard Mt.
diabase ditto

20355 Carex
Top Buggard Mt.
thin soil on ledges
diabase ditto

20356 with # 20355 ditto

20357 with # 20355
Paronychia
diabase. ditto

20358 *Oxalis*
Near # 20355
on ledges
diabase. ditto

20359 On rocky shelf
thin dry soil
near # 20355
diabase ditto
Gmiferae

March 30, 1952. walk along
Goose Creek and surrounding knobs
was $8\frac{1}{2}$ miles with return by pedometer,
April 6, from bridge over 211 at
Buckland of Broad Run and return
was $8\frac{1}{2}$ miles by pedometer.

April 6, 1952. walked up Broad Run
4-5 miles from bridge over at
Buckland - Total walk by pedometer
 $8-8\frac{1}{2}$ miles.

Lamium purpurea in old field
along Broad Run up stream from
Buckland. abundant here.

April 20. Down Broad Run $3\frac{1}{2}$ -4 mi.
from Thorofare Gap - right bank to Shufell
colonies. and over hog back of Cambrian
quartzites and schists and over conglomerate
cliffs.

May 4, 1952. 4 miles down Goose
Creek from bridge of route 7, covering
alluvial flood plain and Belmont
Stock (diabase), covered with heavy deciduous
woods. all on right bank, walked about
8 miles.

May 18. $3\frac{1}{2}$ miles up Goose Creek
from bridge of route 7 on left bank
as one heads up stream, covering
recent alluvial soil, and rugged
diabase cliffs and diabase knobs.
all the high lands above the alluvial

flood plain were diabase
outcrops and stocks. Going and
return, up along the alluvial
flood plain, and return over
diabase knobs covered 7 miles of
rough walking.

May 30, 1952 4 miles down right
bank of Goose Creek, Loudoun Co.,
over Diabase stock and
return - all through heavy,
deciduous woods.

June 1, 1952 - $2\frac{1}{2}$ to 3 miles
up left bank of Broad Run from
route 7, Loudoun Co., exploring
the Sterling Stock all diabase,
returning - after a walk of
6 miles or more, through field
and woodland and some recent
flood plain areas.

June 8, 1952. To Buzzard Mt,
Culpeper Co., Va. walk over
first peak and base about
8 miles. all diabase rocks and
ledges



