BOOK NO 6

H.A. ALLARD.

FIELD COLLECTION NUMBERS

7448-8777
Sept. 23 and 24, To Snowbelle, Va., with T. and North Mt. and Va., near Snowbelle, from Tennent to Austrian Tower, at night, 24, west of the power line, skiing west of the railroad, near North Mt., into valley below, climb to 55 Highway to Snowbelle, Va.


Oct. 8, 1937, To Bull Run Mt., Va. With D.P.T. Cross area from a line west of Crystal Church north of Natural Bridge (north of Natural Bridge) to highway to Halfway (north) and to a line about 2 1/2 miles north, and east to foot of Bull Run slopes.

Oct. 14-15, 1937, To Bridge Hole Mt., north of road west from abandoned CCC camp on top of North Mt., west of Edinburgh, and to south end of Short Mt., with D.

Oct. 22, 1937. To Natural Bridge, area on west slope of Bull Run Mt., beneath Nipple Point with T.

Oct. 29, 1939. To Bull Run Mt., Va., crossing area at foot, west slope, of Nipple Point with T. and cliff edge south, with N.

November 12, 1939. To Bull Run Mt., with T. Covered area from Castello's journey spring along west slope of Nipple Point, ridge, east of top of Nipple Point cliff.
$466a$ Hood mapple with short stripes
  = Close to $f$, zeluminum

$466b$ Hood mapple with still longer stripes
  = Close to $f$, zeluminum

$466c$ = Hood mapple, stripes long as wood
  light brown and much visible. Very near
  = $f$, zeluminum

$466d$ = Parthenium atratum	
  = $f$, zeluminum (Sistema) Fern.
  Hood mapple with long pale
  greenish stripes

All forms of $A$, atratum
  ranging from mapple to striped
  wood (if. zeluminum)

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

See *7201*. Maceey (letter of Dec. 9, 1942)
  says the Vitis cinerea var. floridana Morison,
  = $f$. simpsoni, according to W. H. Bailey.
  See Turner in Rhodora 38: 426-428. We
  consider this var. on basis of green
  tomentum. See W. H. Bailey in Santa
  Barbara 13, 181. 205-207 also 1

See *7462*. Agrimonia vasellata Walk
  Maclura pomifera (Raf.) Schneider in
  an old cabin smith of Hayzel that near
  white oak grove. Not near first tree.
  Not collected.

White Phalaris in flax on the Tunicac
  area, at Newmarket, Va. 3-31-1940.
  Not found in Bull Run Mt. on a major
  source. Roma in full flower March 24, 1940
  (D. S. F.)

A pure white form of Nepalica triloba
  along lane from Nelson's House to where
  we planted. Full flower April 7, 1940.

Pure white form Violia pedata *7634*
  on Hill Mt. Shels, May 5
  Nicotiana glauca Don. = *7652*
  *8273*. Madaea sinuoscess Peltier = all
  in Nit. colchidum Herbarium. (Col. Oct. 13, 1940)
  *8275* to *8297* inc. Inferred and sent to
  Dr. Richard Evans Schultes, Botanical Museum at
  Harvard University, Oxford Street, Cambridge Mass.
  October 23, 1940.

*8301*. Cetonia islandica on Big Bald Trail
  when it turns off to Knob. (Mike)

B-2-B-1

Turn off to Big Bald Knob

$8327$. Todd

Manufactured by

Manufactured by

Manufactured by

Manufactured by

Manufactured by
November 19, 1939. To Bull Run Mt. with T., covering area south of Noxubee Cut, from Castelle's spring to Riley's spring on west woods slope to High Point Cliffs.

November 26, 1939. To same area as for November 19, 1939 with T.

December 3, 1939. To High Point Cliffs with D. Clear - sunny - temp. about 48 F.

December 10, 1939. To the west slope of High Point ridge, covering the area south of Noxubee Cut, including the "northeastern" areas, at the High Point Cliffs to take photographs with T.

December 24, 1939. To High Point Cliffs via the valley road with D., then with T. Noxubee Cut near Ruby's on west slope to High Point and on 5 car at Thoroughfare Gap (Beverly) January 21, 1940. To High Point Cliffs with T. at Paul Bradt's. Dr. Thomas ad 

February 4, 1940. To High Point Cliffs with T. 8.2. Vine - snow on ground.

Feb. 11, 1940. To High Point Cliffs with T. Took climbing lesson with "Mr. Paul Bradt" using middleman knot for ladder. Big snow on ice field.

Feb. 18, 1940. To Bull Run Mt. with T., walking from Beverley Mill to High Point Cliffs.

March 24, 1940. To High Point from Thoroughfare Gap with T.

March 31, 1940. To west slope below High Point Cliffs from Castelle's with T. walked by Pedometer (and 30 in. Staff) just 5' 6" inches is 5' 3" miles.

April 7, 1940. To Beverly then on ridge to flagstone quarry then down to Narrows among old tanks to car at cleared house below High Point - walked 3 3/4 miles by Pedometer.

April 10, 1940. To Beverley Mill, Thoroughfare Gap Bull Run Mt. with T. walked to High Point and beyond, and down next slope 7 5/8 miles by Pedometer.

April 21, 1940. To Beverley Mill in room on 211 Bull Run Bridge; more in room at Thoroughfare Gap on the ridge.

April 28, 1940. To Thoroughfare Gap with T. following down Bull Run 4 1/4 miles east by Pedometer - walked 8 3/8 miles at return, as we straightened our course.

100 sunshine, 100 1070, 13 004.

Mertis' virginia in full bloom - area of old 4 miles down just in the spring - as Chestnut, white, purple, eastern, white - Cypripedium, etc.

May 4, 1940. To Front Royal, May 5, to thand end of Shoo Boy, Massanutten, via Pocahontas Tilt Valley. Red Slate Campfire at height of Beauty ovenly on lime stone at mouth of Strasburg, WV. in slate tufa, torr. at Bridge of Riveter with in bloom.
May 12, 1940. To visit June Smith at Castille's at Nobwell Va, white oak gone, pastures went etc. with T. walked by pedometer 8.2 miles.

May 18, 1940. To Mount Royal and on May 29 to shelve at end of Hughes Road with old couple Mr. and Mrs. Boyer living on 200 acre farm between the sandstone out the shale barren at end of Hughes Road next the 78 year old. Pedometer registered 5.7 miles.

May 30, 1940. To Bull Run Mt, hiking at Castille's involved much through pines to bare area where pines were planted to confine them to slope toward High Point Ridge and return to car. Pedometer registered 4.9 miles at 27 in steps (inclining).

All previous time May 18 8am - Pedometer set at 30 inches and gave 1.4 miles per actual mile, hence reduce this amount for May 18 and earlier.

June 9, 1940. To Bull Run Mt. Nobwell Va. 21 miles.
June 15-16, 1940. To Mount Royal with T. walked just 5.2 miles from Castille's down road to #55 via Nobwell Rd Broad Run Road 2.4 miles.

July 14, 1940 To Troughford Va with Clarence walked 6.2 miles by Pedometer covered area along valley road to Black Rock Mill.

7448

7449 Mint: Marcellina vulgaris L. dito

7450 Spinus Thee with Mr. Smith who has on road near/banner on road.

7451 Antennaria dysidea L. dito

7452 Asperula onocrotalchica L. dito

7453 Solidago aurea dito

7454 Typical Form.
7455 - 7448
1. Calypcotheca breviseta - alternate leaves
2. Calypcotheca breviseta - alternate leaves
3. Calypcotheca breviseta - alternate leaves

7456 - 7457
1. Xanthium hirsutum - Bull Run, VA
2. Xanthium hirsutum - Bull Run, VA
3. Xanthium hirsutum - Bull Run, VA

7458
1. Boehmeria cylindrica - Bull Run, VA
2. Boehmeria cylindrica - Bull Run, VA
3. Boehmeria cylindrica - Bull Run, VA

7459
1. Senecio verticillatus - Bull Run, VA
2. Senecio verticillatus - Bull Run, VA
3. Senecio verticillatus - Bull Run, VA

7460
1. Senecio verticillatus - Bull Run, VA
2. Senecio verticillatus - Bull Run, VA
3. Senecio verticillatus - Bull Run, VA

7461
1. Senecio verticillatus - Bull Run, VA
2. Senecio verticillatus - Bull Run, VA
3. Senecio verticillatus - Bull Run, VA

7462
1. Panicum virgatum - Bull Run, VA
2. Panicum virgatum - Bull Run, VA
3. Panicum virgatum - Bull Run, VA

7463
1. Xanthium hirsutum - Bull Run, VA
2. Xanthium hirsutum - Bull Run, VA
3. Xanthium hirsutum - Bull Run, VA

7464
1. Amaranthus spinosus - Bull Run, VA
2. Amaranthus spinosus - Bull Run, VA
3. Amaranthus spinosus - Bull Run, VA

7465
1. Paniceum tennesseense - Bull Run, VA
2. Paniceum tennesseense - Bull Run, VA
3. Paniceum tennesseense - Bull Run, VA

7466
1. Paniceum tennesseense - Bull Run, VA
2. Paniceum tennesseense - Bull Run, VA
3. Paniceum tennesseense - Bull Run, VA

7467
1. Panicum tennesseense - Bull Run, VA
2. Panicum tennesseense - Bull Run, VA
3. Panicum tennesseense - Bull Run, VA

7468
1. Panicum tennesseense - Bull Run, VA
2. Panicum tennesseense - Bull Run, VA
3. Panicum tennesseense - Bull Run, VA
7469

7470
Catalpa bignonioides ake.

7471
Polystichum acrostichoides (Maid.) Schott.

7472
Bilnea grandiflora L.

7473
Citrullus vulgaris Schrad. at Castella's garden; vigorous; may trips 2-3 ft. long.

7474
Satureja stramonium L. Roadside at gate of Castella's.

7475
sccskacluca, odorotrophi, Nutt., roadside near front of High Point; cliffes near slope.

7476
Panicum leucodermis Ach. var. fasciculatum (Turn.) N.P.C.

7477
Some 

7478
Some 

7479
Leafage of Phyllostachys nigra Sykes in

7480
Leafage of Phyllostachys nigra Sykes in

7481
Sagittaria minima var. arenicola (Cham.) Y. 

7482
Black Oak (Quercus velutina L.)

Panicum


H. A. Allard.


H. A. Allard.

with leaves set = Phyllachyra nigra Sykes Chi.

with leaves set = Phyllachyra nigra Sykes Chi.

with leaves set = Phyllachyra nigra Sykes Chi.

with leaves set = Phyllachyra nigra Sykes Chi.

with leaves set = Phyllachyra nigra Sykes Chi.

with leaves set = Phyllachyra nigra Sykes Chi.
Solidago biolar L. V Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1/2 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. 1 mile south of Belle. 1 mile south of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.

Solidago biolar L. V. Bull Run Mt., Va Oct. 8, 1939 H. A. Allard. North of Naturell Oak. 1 mile north of an east-west line from
Naturell Oak 1 mile south of Belle. 1/2 mile north of Naturell Oak 1 mile.
Rhododendron ferrugineum - Shenandoah Co., Va.
October 14, 1939
H.G. Allard.
11. Late in fall, on talus, looking in yellow colored
of next slope. CCC camp near abandoned
tobacco barn, at west of North Drift, Va.

7498 Arctostaphylos uva-ursi, E. O. M.
11. On Nemchinian amaradia
on north slope, we gathered to make,
which were used with goat. (lunage)

7499 Aster laevis, L. Va., Shenandoah Co.
One shallow, Oct 15, 1939
H.G. Allard.
H.G. Allard.

11. Mode in., Leptodactyli pinnatifida, mixed
on talus, talus cliff, much of

7501 Nepeta
11. On base of old log
at fresh, maple with slope
Shenandoah Co., Va.

7502 Nepeta
11. On base of tree near 7501
Shenandoah Co., Va.

7503 Mass
11. (Deb. pine)
on base of fallen log next
slope near 7501

7504 Solidago rigidula, L. Shenandoah Co.,
on talus cliff, Oct 15, 1939
H.G. Allard.
11. Large, wispy, clumps, passing
H.G. Allard.
11. Mixed in full.

7505 Aster longifolium, L. Shenandoah Co.,
on talus cliff, Oct 15, 1939
H.G. Allard.

7506 Dodecatheon meadia, L. Shenandoah Co.,
on talus cliff, Oct 15, 1939
H.G. Allard.

7507 Antennaria triangularis, L. Shenandoah Co.,
on talus cliff, Oct 15, 1939
H.G. Allard.

7508 Agastache foeniculum, Mich. Shenandoah Co.,

7509 Solidago rugosa, L. Shenandoah Co.,

7510 Pinus elliottii, L. Shenandoah Co., Va.
7511  Ruck lichen
from rocks at High Point
cliff.

7512  Collection of
  \( * \) Rusk lichens
  \( \text{(T.P.)} \) High Point cliff.
  H. A. Alland.

7513  Bispore lichen near \# 7512
  ditto

7514  Bispore lichen near \# 7512
  ditto

7515  \( * \) Bispore lichen near
  High Point cliff.
  H. A. Alland.
  High Point cliff.
  Tanniniferous Fungi: Immature.

7516  Bispore lichen on Black oak, scaly mod.
  Red oak leaves with tiny heads.
  ditto
  = Phyllosticta coriacea (Pers.) Karaf.

7517  \( * \) Bispore lichen
  on roots of dead
  Red oak, high above High Point cliff (next slope).
  H. A. Alland.

7518  Red lichen on bank of
  High Point cliff.
  Bull Run, Va. November 1939
  H. A. Alland.
  High Point cliff.
  Next slope.

7519  Polyergusris hisarica (will. fil.) ditto
  on bank of dead Red oak log
  (Quercus suberina) High Point cliff.
  ditto

7520  Bispore lichen
  on grassy bank near
  High Point cliff (next slope).
  ditto

7521  Rusk lichen
  on cliff of hill ridge near
  Castlefield quarry ridge.
  ditto

7522  Bispore lichen
  from High Point cliff.
  Bull Run, Va. November 1939
  H. A. Alland.
  High Point cliff.
  Next slope.

7523  Bispore lichen
  on Red oak tree
  near \# 7522
  ditto

7524  Bispore lichen
  on Red oak tree
  near \# 7522
  ditto
Cladonia cristatella

Bull Run Mt., Va.

on soil of known

tide of Yule

H.M. Allard

November 19, 1939

7520

7521

on goth. of orange

with mica, shells

H.F. Cotton

North Point cliffs.

7526

Cladonia reptiliana

on ground with # 7523

ditto

7532

Cladonia reptiliana

on soil of orange

with mica, shells

H.F. Cotton

North Point cliffs.

7534

Cladonia reptiliana

on soil of orange

with mica, shells

H.F. Cotton

North Point cliffs.

7535

Cladonia reptiliana

on soil of orange

with mica, shells

H.F. Cotton

North Point cliffs.

7536

Cladonia reptiliana

on soil of orange

with mica, shells

H.F. Cotton

North Point cliffs.

7537

Polyzona picta

on soil of orange

with mica, shells

H.F. Cotton

North Point cliffs.

7539

Polyzona picta

on soil of orange

with mica, shells

H.F. Cotton

North Point cliffs.

7530

C. subfrigida f. varia

on soil beside # 7523

7530a

C. subfrigida f. varia

on soil beside # 7523

7531

C. subfrigida f. varia

on soil beside # 7523

ditto

7531a

C. subfrigida f. varia

on soil beside # 7523

ditto

7531b

C. subfrigida f. varia

on soil beside # 7523

ditto

7531c

C. subfrigida f. varia

on soil beside # 7523

ditto
7539

7540
Just self-fresh green on horizontal rock only on organic soil in combination with Tangier Co., red slaty rock, near High Point Cliff.

7541
Light reddish brown on horizontal rock, dusting rocks on organic soil or bare mud, & easily peeled off, near # 7539.

7542
Cleavaria

7543
Euphor nobilis Lichens
From High Point Cliffs, No. Allard, November 26, 1939.

7544
One pop. with # 7543, ditto.

7545
One pop. with # 7543, ditto.

7546
One pop. with # 7546.

7547

7548
Tangier

7549

7550
One pop. near base of tree rock, near ditto, # 7549.

7551
Bop pop. Lichens, Tangier Co., from top of cliffs, Dec. 3, 1939, a short way down on outcrop of east slope, near # 7551.

7552
One pop. with # 7551, ditto.
Appropriate white bark on Bull Run Mt. Va.

- 7553: Bishop Wattle on old H.A. Alland
- 7554: beat yellow lichen on
- 7555: Bark lichen on Pimea purpurea
- 7556: Oop granuloid Parnelia on Kalina latifolia
- 7557: Cladonia + Parnelia (+)
- 7558: Cladonia
- 7559: Mosses

- 7560: Vertical Opinion H.A. Alland

- 7561: Dark red in earth competing ditto (1) with the yellow green Parnelia so common on these rocks = Parnelia remotes at same vertical surface = #7560

- 7562: Discomax competing with ditto #7560 in same woods.

- 7563: Nectria red on galls on Bulk Run Mt. near Castellea spring south Dec. 10, 1939

- 7564: Endotrichum novae angouae on rock ditto

- 7565: Demos teloschistum 25 x 20 mm. on post Elevation


- 7568: Shinnery collected Dec. 18, 1938. Very strange. Contain only general inches high moss. J.C. Smith

7567
Linum 2-200 white light to O D
serif, 15
sternums 56, 12, 3, 13, 20, 56
$7565 \quad 7566 \quad 7567 \quad$ all appear to
be identical
N. Q. 600 g. ped. / Jan. 1940
H. E. Allard.

7568
Fungi on branch (June) under rock minus
V
seeds = Viola cinnamomea
At High Point Cliffs
Feb. 11, 1940
N. Q. Allard.

7569
" " wet lichens

7570
one top
wet lichens

7571
out of
wet lichens
ditto

7572
out of
wet lichens
ditto

7573
wet lichens
ditto

7574
megada web lichens

7575
Fungi on ground
At High Point Cliffs
Dec. 24, 1939
N. Q. Allard.

7576
Moss on soil near 7575.
ditto

7577
Moss on soil near 7575

ditto

7578
lichen - bright yellow on
" tail of chestnut oak near
High Point Cliffs.
ditto

7579
Hepatico
Pulicaria alba
One near to High Point Cliffs
in arrow to High Point Cliffs
i.e.
7575

7580
Calanthus roseus on
Bull Run Mt. Va.
Near Purcellville Mill
Feb. 18, 1940
N. Q. Allard.

7582 One of three lichens - small gray, circular at High Point Cliffs. Very abundant. 

7583 Bulb of small gray, circular at High Point Cliffs. Very abundant. Notice on north end, smooth, nearly solid surface. 

7584 One of three lichens at High Point Cliffs. Very abundant. 

7585 Bulb of small gray, circular at High Point Cliffs. Very abundant. 

7586 White crustose lichen on dead twigs of maple in the wooded garden. 


7588 southern end of Hopenwell Gated. 

7589 Nicotiana quadrata Domin. March 1940. 

7590 Plant in the middle east. 

7591 One plant in the wild near the valley road with Dr. J. Enl. Adult plant also near the same plant. 


7593 Below High Point Cliffs. South of Hopenwell Gated. 

7594 Tranquier Co., March 1940. 

7595 Baedalea confusoria (Ball.) Fru. Act. by J. A. I.
7595 7th June, 1940.

Bull Run Mt., Va. woods. Lessons in small Tanganyica Co.

7596 On same rock with *7595 in woods

7597 Lichen - Thin, spriglet, gelatinous.

Cladonia - on rocks in woods near *7595

7598 Cladonia - on rocks in woods near *7595

7599 Small gray rock lichen - on rocks near *7595

Small Papillula 
after rain

7600 Cladonia - on rocks in woods near *7597.

7601 Yellow papillula - on rocks in woods near *7597

7602 Moss on Red slope near *7595

7603 Moss on Rocks near *7595

7604 Moss on rocks of dead

7605 A Moss on Rocks

7605 B Physcia explodafusca & minarinum - ditto

7606 Neofila americana DC. Bull Run Mt., Va.

7607 Neofila americana (DC) Ker. ditto

7608 Simplocos Aphan.

Simplocos Aphan. ditto

B. 15.

Simplocos Aphan. ditto

B. 15.
7609 *Diplomylus simplex* (Emerson Stebbins)

7610 *Nicotiana grisea* Newton

7611 *Tenucula diadema* (Frisa)

7612 *Relaxia* (Kemp) Tew

7613 *Tumosa* (Hask.): Neatly

7614 *Tumosa* (Hask.): Neatly

7615 *Reynolds* Hygrosmicus Per. D. ditto

7616 *Small gray lichen* (Newton).

7617 *Viola (blue)* affiliations, Panch.:

7618 *Viola* (blue) affiliations: ditto

7619 *Clastation virginal* /

7620 *Crypsalis* (Berm.): ditto

7621 *Barbarea vulgaris* /\n
7622 *Erythromurum americanum* /\
7623 Pro cunifolata Knitt
Bull Run Mt., Va.
April 28, 1940

7624 One very lush clone from
conglomerate bed near Broad Run
area 4 miles downstream of
Broad Run

7625 Mass cunifolata
One very lush clone from
conglomerate bed near Broad Run
area 4 miles downstream of
Broad Run

7626 El柝s of
conglomerate beds near
conglomerate bed near
Broad Run

7627 H. G. Allard

7628 Philanthus
Small plant

7629 A. A.

7630 Cymadocarpa Iva (Ref. 3)
Shale var. of
H. G. Allard

7631 Viola tricolor
Ditto

7632 Viola tricolor
Ditto

7633 Viola tricolor
Ditto

7634 Viola tricolor
Ditto

7635 Silene nummularia
Ditto

7636 Adenandra montana
Ditto

**7637**


**7638**


**7639**


**7640**


**7641**


**7642**


**7643**


**7644**


**7645**


**7646**


**7647**


**7648**


**7649**


**7650**

Oxalis violacea L.  

Bull Run Mt., Va.  

7651  

6 May 2, 1940  

H. A. Allard  

abundant; full grown.

7652  

Calla lily; meterina communis ditto  

in same white oak pure  

x 7651. full grown. scattered here.

7653  

Barbara verrui (Mill) each.  

abundant; full grown.  

7654  

Primula americana Marsh.  

in old field full shade of  

old oak, where x 7652. grows; full grown.  

highway; full grown; fringes.

7655  

Ranunculus hirtus  

(1)  

abundant; full grown  

in same various degree of shade of same  

local areas; same color.

7656  

Puccinia virgata (siliqua) C.  

Va.  

in various area of  

east of Bull Run.  

7657  

Taphrina helipterii Miis.  

abundant; full grown.  

x 7656.
Barbarae vernae (Mill) Ashe, Massanetta Mtn., Va.  
on shale soils in rich wood, in woods.  
May 19, 1940  
abundant; full bloom.

Barbarae vulgaris R. Br.,  
1) yellow, in woods.  
2) flowering in woods; full bloom.

Camphorinus longistylius  
van willemi, t. m. Fernald  
2) on moist, shady, rich soil in woods; on way to Bayer's house; abundant here; full bloom.

Ranunculus abortivus L.  
2) often, daisy grow bet.  
# 7673.

Pentatomum canescens Britton  
1) flowering in woods on rich wood, 
abundant here, rd on daisy shd.

Veronica recurvata Lehm.  
1) in rich woods on wood, on rich wood,  
abundant; along Shenandoah River to Bayard's house; abundant; 
Note on shale var. more.

Phacelia aniffi L. Gray  
1) on shale, along road leading to Bayard's Place; on shale soils; abundant; full bloom; bluish white corolla.
Carya (Shelm), on steep slope, slope, near Ram. May 19. 1940
East of Brookside, David
7689

Plantago virginica 2

Bull Run M., Va.
May 30, 1940
2 old known edge field, Fountaer Co. High Point Ridge, very local edge.

7681

Carex platyphylla Carey.
Near Ram. 2. 7679

Panicum deflexum Mart.
abundant in surrounding shrub knownedge.

7682

Viola triloba Schrenk
near 7681
abundant in rich moist wood here.

7683

Carex pensylvanica Donn. Allende garden.
abundant near Ram. Arlington Co., Va. (interpolated for question.) May 26, 1940

7690

Heim aparine Lied.
abundant near old stone wall near wood houses. apron, High Point Ridge: very abundant.

7684

Carex clamosa Schrenk

7692

Bromus japonicus Linn.
abundant near 7690; abundant here.

7685

Escharacea
abundant near stone wall near wood houses.

7686

Poa lancea 1

common in pasture here.

7687

Cornus betulaeflora L.

7688

Panicum deflexum Martk
Ditto
Viburnum dentatum L, Arlington, Va.,
full bloom; an early, Arlington Co., may 31, 1940. H.A. Allard.

7693

Sanicula gregaria, Richell.
ditto.
very abundant in west gard, in
back yard along ditch; fl. greenish yellow.

7694

Osmorhiza longistylis, (Var.) DC
var. Hilli
Sanicula gregaria, Richell.
ditto.
all degrees of intermediation to the
fl. greenish form # 7696.

7695

Sanicula gregaria, Richell.
ditto.

7696

Sanicula gregaria, Richell.
ditto.

7697

Osmorhiza longistylis, (Var.) DC

7698

Panicum, depanatione, Muhl.
ditto.

7699

Panicum, depanatione, Muhl.
ditto.

7700

Panicum, depanatione, Muhl.
ditto.

7701

Panicum, depanatione, Muhl.
ditto.

7702

Panicum, depanatione, Muhl.
ditto.

7703

Panicum, depanatione, Muhl.
ditto.

7704

Panicum, depanatione, Muhl.
ditto.

7705

Panicum, depanatione, Muhl.
ditto.

7706

Panicum, depanatione, Muhl.
ditto.
June 9, 1940
H.A. Allard.

7708 Dentylis gloveriana L.
12" by roadside at Castelle's
old field near Nofwell Co.
Ditto

7709 Zanthoxyla nigra (L.) Simms.
11" with 7698
Prince William Co.
Ditto

7710 Hormotoma quadrata L.
11" with 7692; abundant
old field near especially.
Prince William Co.
Ditto

7711 Cyperaceae.
11" on damp spot near 7698
Prince William Co.
Ditto

7712 Grassinae.
12" old field with 7698
5" Phleumus of tuatua (Michx.) Scrib.
Ditto

7713 Comandra mirtellata (L.) Matt.
11" on rocky ridge just south of
Nofwell Co. and Castelle's meadow.
Ditto

Cape glaucodes Tuckern. - Mt. Bull Run Mt., Va.
On old pasture near route X 55 on good to
324 Antioch.
9" abundant, all
from same clump.
H.A. Allard.

7715 Cape glaucodes Tuckern.
11" with 7714 (same field)
Ditto

7716 Cape triluilius Mack.
11" near 7714 (all of one clump)
Prince William Co.
Ditto

7717 Cape millidornioii Schk.
11" with 7714
Prince William Co.
Ditto

7718 Cape millidornioii Schk.
11" with 7714
Prince William Co.
Ditto

7719 Cape glaucodes Tuckern.
11" with 7714
Prince William Co.
Ditto

7720 Cape pluristemella Mack.
11" near 7714
Prince William Co.
Ditto
Carpe linaria Mont. r. Prince William Co. H. A. Allard

7722 Oxalis stricta L. in same pasture with *7714 ditto abundant; full bloom.

7723 Gramineae: Poa pratensis L. 11 in wood near Castille's Quarry Spring at Rollins Gap. Fahyris

7724 Poa pratensis L. 11 in wood near *7723 ditto abundant.

7725 Lepidium virginicum L. ditto abundant in rocky road way. Ditto Castille's spring: Quarry: full bloom.

7726 Carep lap.: flora ferr. at High Point Cliffs.

7727 Anemoneae

7728 Asclepias linaria Mont. (37) ditto near High Point Cliffs. June 9, 1940

7729 Epidermea; ruderalis with hickory, very hairy galls. ditto

7730 Panicum: brachytricha L. (37) ditto

7731 Gramineae: Festuca: forma: Shrub. ditto

7732 Panicum depanorum Muhl. ditto

7733 Carpe asphodelphora Muhl. ditto

7734 Siringa chin. iniquifolia Nell. ditto

7735 in wood at foot of slope: Upper High Point Cliffs, near slope.
7736
Panaxia-decandrum \\
"Nea. 7735-V

7737
Botrychium virginianum L. \\
"Nea. 7735 in rich woods; very abundant; fruiting.

7738
Panaxia-decandrum Varable. \\
in old mtn. edge field near. Ditto bare areas where plants were loci. east of Nea. High Point Cliffs.

7739
Sanicur smallii Britton \\
"V Hooks here woods and near生长 in old fields above. P.S. High next slope High Point Cliffs.

7740
Sanicurae. - Festuca altissima \\
121 High woods below High Point Cliffs. Ditto next slope.

7741
Sanicurae. - Poa compressa L. \\
21 Sanicurae on the contour, from in woods leading toward forest. Patches lined, occasional.

Sanichoria speciosa (B.) Brann, Bull Run Mt., Va. \\

7742
Field. Here intermingled with of Sanichoria Cud. \\
121 Androgon confinis. T. Alland.

7743
Sanicurae Poa compressa L. with 7744. Here in occasional ditto.

7744
Sanichoria speciosa L. \\

7745
Sanicurae Poa compressa L. with 7744. Here in occasional ditto.

7746
Catalueae cam. galli L. \\
11 In high mtn. edge field beyond Sanicurae with 7744.

7747
Sanicurae Sanichoria speciosa (B.) Brann. \\
17 In high mtn. edge field beyond Sanicurae. Here in occasional constituent with 7744.

7748
Sanicurae smallii Britton. V. \\
121 Occasional in some mtn. edge ditto

7749
Occasional in same mtn. edge ditto

7750
High mtn. edge Field with 7744. In more open
interplane. Prefers more open pasture.
Santheria erecta H.B.F. Bull Run Mt., Va

Ceratin—waste ground at dark house—Peters

ceded from Hill—June 9, 1943
field beyond Castelloe
H.G. Allard

Panicum linearifolium Stude.

Panicum repens type Mudd.

Oxalis stricta L.

Panicum repens type Mudd.

Bleanor latifolia L

Asclepias variegata

[Handwritten text continues on the right page]
Page 7763
- Massanutten Mts., Va.
- Nh. 7763 on wood slope, Shenandoah Co., 6-15-40
- H. A. Allred on shale at end of English Run road north of Woodstock, Va.
- On wood leading up slope

Page 7764
- Rosa humilis Marsh.
- Ditto

Page 7765
- Eucalyptus camaldulensis (L.) Pers.
- Ditto

Page 7766
- Equisetum arvense (Walt.) P.S.P.
- Ditto

Page 7767
- Linnea elongata Dunn
- Ditto

Page 7768
- Samia camoufla Checkow
- Ditto

Page 7769
- Juniper
- Ditto

Page 7770
- Deschampsia flexuosa (L.) Trin.
- Massanutten Mts., Va.
- Ditto

Page 7771
- Calothamnus compressus Ait.
- Ditto

Page 7772
- Carex dibapha Mich.
- Ditto

Page 7773
- Carex echinotheca Mich.
- Ditto

Page 7774
- Panicum
- Ditto

Page 7775
- Antennaria modicana Greene
- Ditto

Page 7776
- Houttuynia cordata Thunb.
- Ditto
Trifolium incarnatum L. Mossanutten Mt., Va.

Very abundant on road, etc.

7777 Potentilla recta L.

Very abundant in woods; full bloom.

7778 Vaccinium vaillantii Kalen.

on shelf; scarce; fruiting; flowers abundant; seedlings.

7779 Althaea occidentalis L.

on banks; fruiting; in bloom.

7780 Omertia vulgaris L.

Very abundant; just coming into bloom.

7781 Vigna sesquipedalis Pull Run Mt., Va.

Leaves floating on water.

7782 Masson alba L.

on High Point cliffs.

7783 H. A., Alland's garden

3000 7th S.W., Washington, D.C.

2nd species in 1940; June 21, 1940

86

7784 Maryland State Herb. 7784 Conspicuous with 7783

7785 H. A., Alland's garden

2nd species in 1940; June 21, 1940

86

7786 Tellima grandiflora L.

on cliffs; abundant; full bloom.

7787 Tellima grandiflora var. imbricata

between rocks of dark house.

7788 Tellima grandiflora Beal.

on cliffs of Pull Run Mt., Va.

7789 Pennisetum clandestinum L.

on woods along railroad.

7790 Pennisetum tenuiflorum Nach.

on High Point cliffs.
7791

Paniceum fasciculatum Linne.
On high point cliff, June 30, 1940
H.A. Allard.

7792

Paniceum fasciculatum Linne.
In wood near slope Helen ditto high point cliff.

7793

In wood near brook Helen high point (meadow slope).

7794

Eucalyptus for holophylla Linne.
In shade of thin round wood grown old fern at foot of high point cliff where old manion stands.

7795

Salix cinereus Michx.
In rich wood. Helen high point cliff. ditto. meadow slope. abundant; young in 16.

7796

Paniceum clandestinum Schreber.

7797

Paniceum Textura batatae Linne.
In old pasture near brook. ditto laid out in chemical varrier Smith. Northwell Hold not east of Northwell. Broad Run light house.

7798

Phleum pratense L
In old pasture near bluff Helen ditto Northwell.

7799

Serratula virginica L
In thickets near Castelle's. ditto. meadow slope Helen high point cliff.

7800

Phleum pratense L
In old pasture near bluff. Helen ditto Northwell.

7801

Rumex crispus L
At Castelle's. spring. ditto. in meadow grand abounding.

7802

Inula helenium L
Very early and small blurred. on tennis and areas where plants were laid out. some three areas. Helen ditto.

7803

Euphorbia corollata L
Ditto.

7804

Koeleria macrantha Michx.
Beside road from Northwell to Broad Run light house. ditto.
Station in thicket; an escape or survival from some long since gone parent. very unusual; in full bloom. since the American pillar. my only record in Bull Run area.
Hydrangea arborescens L. Bull Run Mt., Va. June 30, 1940
Abundant in rocky woods.

7805 Helonias virginiana L. Para. Ditto
(21) On rocky shelf at top of High Point cliff; passing through Bull Room.
Not common in Bull Run area.

7806 Tephrosia virginiana L. Para. Ditto
(21) On rocky shelf at top of High Point cliff; passing through Bull Room.

7807 Anthracogiton spinulosum (Muh.) Walt.
(4) In deep niches on High Point cliff; ditto.

7808 Adonis annua (Michx.) Desr.
(1) In rocky woods near High Point cliff; ditto.

7809 Spiranthes canadensis L. (Kn.) Engel.
(21) In rocky woods near brook, High Point cliff; ditto.

7810 Senecio virginicus L.
(11) In locust woods around old house, half mile south of point; ditto.

7811 Rosa rugosa L.
(1) In old knowledge pasture near bottom of point; ditto.

7812 Ranunculus officinalis L. Bull Run Mt., Va. June 30, 1940
Abundant in rocky woods near point.

7813 Ranunculus canadensis L. Ditto
(21) In locust woods near 7810; ditto.

7814 Lonicera japonica Thunb. Ditto
(19) In knowledge pasture near Bull Run area; lance rather smooth, a glabrous; inner than with some fomes.

7815 Acanthun canadensis L. Ditto
(21) On High Point cliff; ditto.

7816 Rubus hispidus L. Ditto
(21) On point; ditto.

7817 Alnus serrata var. Cunninghami (L.) E. Ditto
(21) At old red-wooded south; very large bush; too much striking. (1) = Calopogon dichoricus Rich.

7818 Scutellaria radiata subsp. polifolia (Nutt.) Ditto
(1) In locust woods near point; ditto.
(11) In knowledge pasture near old house; ditto.
7819
Dichotoma repens
near cabin
Riley woman
died

7820
Beranium secalium
at Riley's old cabin
near Notefell Co.
Field near Hwy 1
Full bloom

7821
Andromeda polifolia
in large sedge colony
Ditto

7822
Hordensia inflata
at Lynn's Place, near Peak
Ditto

7823
Sorbus americana
at Notakape Ferry, Kent Island, Md.
Ditto

7824
Sorbus americana
at Bull Run Mt., Va.
Ditto

7825
Hydrocarpus flexuosus
in field
Ditto

7826
Limnanthes alba
at interface in estuary
Ditto

7827
Cirsium arvense
at interface in estuary
Ditto

7828
Heracleum mantegazzianum
in field
Ditto

7829
American Lotus
at interface in estuary
Ditto

7830
Carpophora Laxa
at interface in estuary
Ditto

7831
Cirsium arvense
at interface in estuary
Ditto

7832
Corylus americana
at interface in estuary
Ditto
Pycnostachys R. Br. [P. laevis (Hook.) Nutt.] Bull Run Mt., Va. 28° 31' 15" N, 78° 34' E. 1940. July 14, 1940. [Handwritten notes about flora and fauna, with specific locations, plant names, and dates.]
Panipicum virgatum

Field near High Point July 14, 1940
Nor. Alland.
(Nut.) Spring roe calf.

7848/7849

Dactylis canadensis

wet, yellow; all sections green

Dactylis canadensis

mean = 7848

7850

Ambrosia tritica var.

Dactylis canadensis

7851

Dactylis glomerata (Nutt.) Spring. ditto

7852

Sporobolus angustifolius

7853

Eupatorium cannabinum

7854

Eupatorium cannabinum (Nutt.) Spring. ditto

7855

Campanula grandiflora

7856

Ravenala madagascariensis

7857

Artemisia minima. Bark - ditto

7858

Baclea julscum Nutt.

7859

Helenium autumnale

7860
Salix triflorum Michx.

Bull Run Mt., Va.
Prattville County.
May 11, 1940.

Salix cinerea var. alba

Bull Run Mt., Va.
Prattville County.
May 11, 1940.

Salix cinerea var. alba

7862 Sambucus canadensis L. var. alba

Ditto

7863 Scirpus canadensis Gen.

Ditto

7864 Spirea virginiana L. Greene

Ditto

7865 Cephalanthus occidentalis

Ditto

7866 Scirpus canadensis Gen.

with # 7861

7867 Fragaria virginiana Shurtlef

Ditto

7868 Poa annua L.

Ditto

7869 Puccinellia sphagnetorum L. Joy

Ditto

7870 Aquaticus alba L

Ditto

7871 Umbelliferae

Ditto

7872 Umbelliferae

Ditto

7873 Panicum capillare Schult. C. var.

Ditto

7874 Thea sitron herbelegana Greene, ditto

Ditto
7876 Panarea pellitana Schult.  ditto
on road side bank in shade near X 7875

7877 Malaxis multiflora Michx.  ditto
in same woods near Rail Road; ditto
with X 7875

7878 Erechtites multiflora Michx. B.S.P.
abundant full grown near Mt. Jackson;
road side about 100 yds. from rail road; about 500 ft.
my first record

7879 Helianthus annuus Lin.  ditto
abundant full grown near Mt. Jackson;
on dry shale /骗子/ Ewart's End.  ditto
abundant on cliffs near X 7880

7880 Erechtites multiflora Michx. ditto
abundant on dry shale; ditto
abundant on dry shale of Short Run.

7881 Eragrostis capillaris (Michx.) Nees
abundant in open shade; ditto
abundant in open half way of pasture; ditto
not common. My only one here.

7882 Parnassia perennis var. halleriana near Mt. Jackson.
abundant on hill side; ditto
abundant on hill side; ditto

7883 Hyoscyamus longifolius Dent.  ditto
scattered in shade beneath; ditto
well on slope; note eschscholtzia en border
as high or higher than broom.

7884 Panarea pellitana Schult.  ditto
at foot of high cutting; ditto
on shaded; ditto
reef by railroad; ditto

7885 Cana pumila linn. var. cistinia (Engelm.)  ditto
at foot of cliffs in dry soil in shade; ditto
in rocks beneath verbank.

7886 Bidens bipinnata L.  ditto
at foot of cliffs on verbank
near X 7885

7887 Parnassia canadensis L.  ditto
abundant on verbank at foot of cliffs in dry and on shade of grass; ditto
X 7885

7888 Beneke Xep. \\
abundant on verbank; ditto
X 7885
= Aquatic Perennan (Hart.) Tuckern
named by Agnes Chase.
7890
Saulonia scheelei (Baur)
abundant near shall traverse white of near ledge, where albina co
abundant.

7891
Chilanthes lanceolata (Michx.) Vahl
on barren shale and near natural
outter of shale cliffs behind cliffs:
abundant here.

7892
Aplectrum platycentrum L. On bare.
dirt
open barren of fragments of shale cliffs behind cliffs, scattered.

7893
Catazea
on dry barren, shale with or of slope.
ditto.

7894
Aplectrum montarium Willd
in crevices of broken cliffs of me;
ditto.
shale cliffs, in places abundant here.

7895
Cyanidium reniforme f. Pers.
ditto.
top of cliffs in dart, pockets
of soil, in full brown and flowering seed.

7896
Bjornsonia bifrenata L.
on top of cliffs in near meadows
Mason-Inlet Range, aug. 3, 1940. H. A. Allard.
13. 2 in. defunct on flat white hollined,
H. = 6.5.

7897
Carex pentlandii var. oneva Bock.
at foot of cliff behind verandah.
ditto.

7898
Cory Catatazea
on bare, shall wail of slope.
ditto.

7899
Leptidium virginicum L.
on dry, shebe, frag in desicc. belonige app.
and in pebbles, present.
ditto.

7900
Penstemon festivus var. palaeaceus Fern.
on bare, near many lake.
shale jont of barren, so heons;
abundant here, and in here,
shale in lowest level.
ditto.

7901
Empetraria longifolia Dietr.
on bare, shebe of near.
shale, near, well placed, present.
on near foot of short Mt.
(above is white an brown on height)
ditto.

7902
Bjornsonia bifrenata L.
on dry barren, poor well.
shale: scattered, mostly
bare, stone over short Mt. barren.
Page dimensions: 1048.0x828.0

7903 Pennsylvania fritiigera

7904 Polygonum dumetorum var. 2.2

7905 Houstonia longifolia L

7906 Elymus aromaticus March = (R. americanus?)

7907 Polygonum tunae Michx

7908 Thalictrum integrifolium st. Drude

7909 Eragrostis capillaris St. Hilaire

7910 Eragrostis floridana (Aug. 18, 1940)

7911 Solidago virginiou Muhl. ditto

7912 Vernonia glauca (L.) Willd. ditto

7913 Latinaceae scariosa L.

7914 Latinaceae salicina L.

7915 Prunus virginiouun L. ditto

7916 Massanetia Range, near Mt. Jackson, Aug. 3, 1940

H.A. Allard

7903 On shale bluffs near Williamsburg, Va.

7904 On panema slopes half way up the slope: very dry, hard, and stony, some with heath, alpine, and dwarf pines, etc.

7905 Dwarfed, some with heath, others with panema, a few with small pines, etc.

7906 On panema slopes with heath, dwarf pines, etc.

7907 On panema slopes half way up the slope: very dry, hard, and stony, some with heath, alpine, and dwarf pines, etc.

7908 On panema slopes with heath, dwarf pines, etc.

7909 On panema slopes near Williamsburg, Va.

7910 On panema slopes near Williamsburg, Va.

7911 On panema slopes near Williamsburg, Va.

7912 On panema slopes near Williamsburg, Va.

7913 On panema slopes near Williamsburg, Va.

7914 On panema slopes near Williamsburg, Va.

7915 On panema slopes near Williamsburg, Va.

7916 On panema slopes near Williamsburg, Va.

Named by Ogburn Chase.
7917 Osmunda virginianam L Smith and of Shadott VA on shale rocks Henly woods VA HA Allard Aug 3 1940

7918 Osmunda torlarie McIl van maringa Austria dito
on shale barrens profers very profert

7919 Ostraya virginiana L K. Koch dito
on shale barrens profers very profert

7920 Ostraya glabra Mill. Smith dito
on shale barrens profers very profert

7921 Bidens bipinnata L dito
on dry open areas of shale barrens

7922 Trichium americana L dito
on shale barrens profers

7923 Osmunda glabra Mill. Smith dito
on shale barrens profers very profert

7924 Pentataram hallidius small
on shale barrens profers very profert

7925 Sphagnum fallaxia fallaxia Bidnell dito
on shale barrens profers very profert

7926 Ostraya glabra Mill. Smith dito
on shale barrens profers very profert

7927 Trichium americana L dito
on top of cliffs at highest point of ridge

7928 Bidens bipinnata L dito
on shale barrens profers very profert

7929 Osmunda virginianam L dito
on top of cliffs at highest point of ridge

7930 Vitis vinifera Scopulorum L dito
on shale barrens profers very profert

7924 Massaumtoughi GA Aug 3 1940
HA Allard
Vitis vinifera L. South and Short Mt., Va.

7931: on slate barrens, upper Massanutten Range (in drift) August 3, 1940, very fruitful. H.A. Allard.

7932: Hendelora americana L.

1° on slate barrens, upper vase, well n. slope; frequent; past flower ditto.

7933: Carya glabra (Mill.) Wedg

1° on pasture, bare mimic, redwood; just before redwood area reached broken barrens prefers.

7934: Carya glabra (Mill.) Wedg

1° on slate barrens, upper well n. slope; frequent; fruitful through small.

7935: Allium cernuum L. Roth

1° very abundant, full bloom. 2° more open barrens, well towards blood; very abundant. H.A. Allard. flowery

7936: on pine woods (in


7937: Piptanthos reticulata (Fitch) Neck

1° near X 7936; abundant mostly hard. ditto.

7938: Actinomora calycina (L.) Outer. Massanutten Range

1° in openings; upper barrens. aug 14, 1940. H.A. Allard. 2° indications beyond the n. front.

7939: Aster amellusa L.

1° in same dry woods in shade. ditto

7940: Cirsium lanceolatum (L.) Hill

1° in old pasture, growing up. ditto

7941: Heteroxyla longifolia L.

1° on forest to the spruce, ditto

7942: Prenanthes angustifolia (L.) BSP

1° in same dry woods 2° X 7941; "inclined hillsides no. side. B. and B. backroad; ditto.

7943: Scolopendrum trilobatum (L.) BSP.

1° with X 7942; abundant; still in flower.

7944: Lactadae ramosa (L.) Bar.

1° with X 7943; abundant; full bloom. 2° prevents branching at base, without flower.
7946 Penstemon canadensis (L. B.S.P.)  x 7946
(2) on south side of Massanutten Range, near north end of Shenandoah Co. Aug. 19, 1940. Plant not praised by H.L. Alland. Ovate, mid to small size.

7947 Penstemon canadensis var. helvecia Tomp. x 7947
(2) on barren shale covering with thin, white, sauce trees (Quadrus montana) near by.

7948 Penstemon canadensis (L. B.S.P.)  x 7948
(3) on south side of Massanutten Range, near north end of Shenandoah Co. Aug. 19, 1940. Plant not praised by H.L. Alland. Ovate, mid to small size.

7949 Eriogonumjunceae (L. B.S.P.)  x 7949
(1) on south side of Massanutten Range, near north end of Shenandoah Co. Aug. 19, 1940. Plant not praised by H.L. Alland. Ovate, mid to small size.

7950 Dicentra campestris (L. B.S.P.)  x 7950
(1) on south side of Massanutten Range, near north end of Shenandoah Co. Aug. 19, 1940. Plant not praised by H.L. Alland. Ovate, mid to small size.

7951 Oxalis europaea var. fuscata (Willd.)  x 7951
(1) on south side of Massanutten Range, near north end of Shenandoah Co. Aug. 19, 1940. Plant not praised by H.L. Alland. Ovate, mid to small size.

7952 Commelina erecta  x 7952
(1) on south side of Massanutten Range, near north end of Shenandoah Co. Aug. 19, 1940. Plant not praised by H.L. Alland. Ovate, mid to small size.
Hormotria longifolia L. Three Toft Mt. Va
on stunted shrub of Massanutten Range,
Shenandoah Co. Aug. 14, 1940
T. J. Rehder & H. A. Allard
(Definite in H. longifolia)

Paronychstria fastigiata var. paleacea H. & A. Allard
on stunted shrub near
* 7959 abundant here.

Setaria liturata (Weigel) T. & T. Nelson
on dry chinks in pasture 2 yrs
of age, Burners house on foot of Engle
Run, poke cactus is so abundant.

Hypericum perforatum L. ditto
with * 7961 abundant here
in pasture on waste ground.

Agrimonia parvifolia L. ditto
in stunted shrub near
with * 7961 abundant here
 occasional
Agrimonia parvifolia H. & A. Allard
1-2 foot tall, with C. Leonard
bunched with U.S. D. M. material.

Hypericum monanthum B. & B. Run Mt. Va
Aug. 16, 1940 ditto
H. A. Allard
West of Burgundy Mill

Commelina communis L. ditto
on foot of Mill Race in thicket above Mill on road
where very common in ditchys et al.

Oxalis europaea withstands B. & B. Run Mt. Va
Aug. 16, 1940 ditto
H. A. Allard
Mill Race, near H. A. Allard
Mill, abundant West of Burgundy Mill

Radula palustris (L.) Moench.
mean * 7966 mostly

Andropogon andrasana var. media (L.) Pers.
along millrace above Mill:
full bloom, no soil.

Dodon : Cucuta anonyma
1-2 foot tall in moist soil
along Mill Race, heavily in Bloom
scale laciniate.

Lactuca villosa var. engle
along Mill Race in chinks
near 7968 abundant, full Bloom
black bloom.

Empetrum cocciferum L. ditto
on dam just along Mill Race ditto
along Mill Stream * 7968 full Bloom
black violet humule.

Samolus laevivulnalis var. labradoris
1-2 foot tall along bank of
Mill Race, near * 7968 full Bloom
Saffron roughened backused; suffocate
e itself on other plants.
Buchneria cylindrica (in seed,

dry and wild, thickets along
millrace of one mill.

Abundant

Althea americana L.
along Broad Run above mill.

Ditto

Salvia argillacea Michx.
(1) along mill race
(2) on low bank
(3) in low bank

Abundant: full flower: stems yellow.

Assais falconeri Willd.

Ditto

Comansella erecta L.

Ditto

Umbelliferae
(1) along mill race

Ditto

Gymnadenia
(1) along Broad Run, above mill, rank, tall

= Gymnadenia conopsea

Gramineae (none in flower), Tangier Co., Va.,
water along Broad Run: August 18, 1940

Abundant

Elymus virginicus L., intermedia Vasey, Va.,

(1) along mill race

Ditto

Panicum dichotomiflorum Schult.
(1) along mill race

Abundant: full flower: stems yellow.

Salsola migra marsh

Ditto

Salsola sericea marsh

(1) along Broad Run, beside

Abundant: stems silky

Salsola migra L.

Ditto

Claronia glaucescens L.
(1) along mill race

Ditto

Claronia glaucescens L.
(1) along mill race

Abundant: tall, stellate hairy.
7987  Amandin; full blown June 19, west of Barnsley Mill
(Amandin)

7988  Convolvulus canadensis
(1) Along railroad south of Barnsley Mill, trail; seeds, flowers; abundant, full bloom.

7989  Euphorbia juxtaposita
(2) Along railroad at foot of Barnsley Mill, trail; seeds, flowers, abundant, full bloom.

7990  Erodium caucasicum (L.) Pers.
(1) Along railroad south of Barnsley Mill; trail; abundant.

7991  Linaria vulgaris L.
(2) On dry embankments along railroad; one mile; few; flowers.

7992  Solidago juncea Ait. v
(2) On railroad embankments, dry, one mile; abundant; full bloom.

7993  Prenanthera incana (Roth.) Mill.
(2) Along railroad 1/2 mile; west of Barnsley Mill; abundant; full bloom.

7994  Symphoricarpos elaeagnus (Lam.) Nutt.
(1) Not found here.

7995  Cirsium discolor (Michx.) Sprag.
(1) Along railroad in brush, west of Barnsley Mill; trail; abundant; full bloom.

7996  Amaranthus albus L.
(1) Along railroad west of Barnsley Mill; trail; abundant.

7997  Pappionus tricarinatus
(1) On ledges just east of Broad Run; trail.

7998  Populus grandidentata L.
(3) All from same small tree north of field; leaves, flowers, fruit, seed; abundant; full bloom.

7999  Populus grandidentata L.
(2) juvenile; repelled from meadow; flowers, fruit, seed; full bloom.

8000  Saxifraga umbrosa var. molle (Royle) Trask
(2) On ridge east of Broad Run, flowers, abundant; full bloom; very abundant.
8001

8002 Eupatorium cannabinum [ditt]
171 with 8001 Bull Throat. occasional

8003 Quercus stellata Yang
(2) On dry ridge opposite offshoot and across R.R. from Berkeley Mill.

8004 Solidago viridis [ditt]
171 From gray stone wall near of Clark Station
Station next joining red stone wall.
Near rising Mt. S. Most abundant plant in the wall. all green.

8005 Eupatorium prelirii sessilis [ditt]
On red sandstone section near railroad
Plants much less common in this stone
This the only one of these species seen.

8006 Oxalis struthio [ditt]
On gray stone near of Clark Station

8007 Plantago major L
On red sandstone wall near 8006.

8008 National Cemetery X4. 9-32-1940

8009 Solidago angustifolia [ditt]
On vertical face of granite wall of National Cemetery west of Clark Station. This yearning OE & w.

8010 Solidago media [ditt]
A mass of dead stone only with some growing. On gray granite in wall.

8011 Impatiens parviflora plant [ditt]
Smaller tall. On gray granite or wall near 8009 only.

8012 Antennaria verna [ditt]
161 All on gray stone granite near 8009. Scattered plant from Clark Station west of Mount. Abundant plant in the vertical face.

8013 Eupatorium prelirii sessilis [ditt]
On vertical facets of gray stone wall near Clark Station
One of most abundant plants with 8012 and 8004.

8014 Paronychia canadensis [ditt]
On sandy soil along road. Aug. 25-1940
Mall with scattered.

Paniceum on vertical face of limestone wall forming east boundary of H. A. Alland.
Paronychia testiculata (Raf) Fern., Bull Run Mt., Va.
Van Tyne, Fern.
Branch usually short, branched. Arctic, Allard.
8015
"Hence, ind. "North of Thoroughfare Rd.
variable, sterile, Aug. 25, 1940.
"in ridge near from Beverly Mill. sterile soil in wooded roads scattered.

8016
Scleria leggetti var. moniliformis (Bickel) Hodgesen.
"with 8015 frequent.

8017
Moneses marilandica Munz.
"on ridge near 8015 scattered here out on dry ridge crests. throughout.

8018
Ennoteria complanata Muhl. 8018.
"near 8015 a colony here.
"with 8019.

8019
Ennoteria tenuiflora Muhl. 8018.
"near 8015 small colony. here.
"with 8019.

8020
Sorinea scoparia var. pseudocorymbosa (ft) 8020.
"along wooded road leading from Rail Pond to Mill; near 8018. Scattered in wooded ridges at Thoroughfare Road. N. 8020.

8021
Dendroia lanigera (Raf) Raf. 8021.
"near 8020 a mass of globes. Short stems in wooded ridges; full flower; lower bases often with coarse, irregular teeth.

8022
Scleria leggetti var. moniliformis (Bickel) Hodgesen.
"7 in trail south of North of Beverly Mill.

8023
Scleria virginiana (L.) 8023.
"on same trail. with 8022 abundant flowering.

8024
Sinopod rotundifolia 8024.
"on High Point cliffs. Very abundant here with hebes etc.

8025
Scleria sanguinolenta L. 8025.
"on High Point cliffs.

8026
Polygala ambigua Matt. 8026.
"dry soil on hillside in valley north of Beverly Mill.

8027
Polygola ambigua 8027.
"near 8028, in underbrush. 8028.

8028
Scleria leggetti var. moniliformis (Bickel) Hodgesen.
"8028. Polygola ambigua. Var. 8028.
"forming a mass. 8028. Small entire leaves on the underside.
8029 Property of Mr. H. A. Alland.

8030 Polygonum virginianum L. (L.) Michx. 

8031 Anagama hysterocoea L. 

8032 Verbena capillaris (L.) Nees 

8033 Eupatorium perenne Thumb. 

8034 Festuca viridula L. (Schult.) Schult. 

8035 Agrimonia pilosa Waldst. 

8036 Abundant 1/2 mi. North of Beverley Mill.

Aug. 25, 1940
T.A. Allard.

Hill facing south.

Scattered.

8043

June 25, 1940


On first old field. Aug. 25, 1940
T.A. Allard.

Vulpilea, short north of Tappahannock Ga. Linonemia / Euphorbia major (Bush, Peterson). 8051

Euphorbia adpressa Wats. (Miller, Schultes). 121 Sept. 8050. This

is a small temporary m. It is

made in 's 30°6' 60' Feid of the old field but

silted by rain all summer.

8052

Hedera helix L. On linge 's 30°6' from mill, south

in full bloom now.

8053

Pilea muniiens. Gray, Illiniois garden

in shade of trees. Tappahannock Ga. Aug. 27, 1940
T.A. Allard.

8054

Oxalis europaea Jordan. In 's 30°6' from mill. Presence of bellies is noticed mostly.

8055

Cladonia / Elliot, Knob Va. Oct. 2, 1940

at spring shelter. At 4000 ft. spring in August. On ridge of high land with

gravity. Few of water is

8056

Shrubs 480 ft. C. major (Hog) Sandel. Oct. 30

at alt of 3000 ft on dead stick on ground.
Bull Run Mt., Va
Prince William Co.
Sept. 1, 1940

8058
Aster novellei (Will.) B.S.P.
Panicle microcarpa Muhl.

8059
Aster novellei (Will.) B.S.P.
Panicle microcarpa Muhl.

8060
Vitis aestivalis Michx.

8061
Geranium robertianum (L.) Raf.

8062
Geranium caesatatum (Raf.) Raf.

8063
Corydalis flexuosa (Muhl.) Spec.

8064
Shade of woods

8065
Oxalis viscosa (L.) Court & Bose

8066
Panicum virgatum (L.) Steud.

8067
Eupatorium heterophyllum L.

8068
Helenium autumnale L.

8069
Castillea fasciculata (L.) Mill.

8070
Geranium palustre L. var. arenicola A. Gray

8071. - Abundant in valley, H.A. Allard.

8072. - Abundant on wooded ridge, H.A. Allard.

8073. - Abundant in thicket near first colfin.

8074. - Abundant along Chestnut Tree Spring after colfin.

8075. - Abundant in thicket near Chestnut Tree Spring.

8076. - Abundant in thicket near first colfin.

8077. - Abundant in full bloom.

8078. - Abundant in wooded ridge.

8079. - Abundant on wooded ridge.

8080. - Abundant in woods near 8071.

8081. - Abundant in woods.

8082. - Abundant in woods.

8083. - Abundant in woods.

8084. - Abundant in woods.
8085 | Athyrium filix-femina (Mitt.) 90. in wood near 8086, ditto
8086 | Athyrium filix-femina (Mitt.) 90. in wood near 8086, ditto
8087 | Athyrium filix-femina (Mitt.) 90. in wood near 8086, ditto
8088 | Orchis labreae 91. in wood near 8086, ditto
8089 | Junceus echinatus (Engel.) Gourn. 90. in wood near 8086, ditto
8090 | Pyrola americana 90. on side of road near woods, ditto
8091 | Sabal lucidus March 90. beyond cabin above idiste, ditto
8092 | Helonchus borreri 90. in wood near 8086, ditto
8093 | Actinonema alternifolium 90. at foot of shale Barren, ditto
8094 | Euphorbia dentata 90. in wood near 8086, ditto
8095 | Spiranthes 91. in wood near 8086, ditto
8096 | Hida spinosa 91. on true Barren near 8097, ditto
8097 | Prana virginiensis Mill 91. on true Barren near 8097, ditto
8098 | Solidago rostrata 91. on true Barren 8097, ditto
Paronychia pactigiata
8099 very abundant on Barrens\nshrub. Only one species of Paronychia, found in pure colonies throughout.

8100 Vicia sativa

8101 Pausaniella repens \nNot abundant.

8102 Renee radicans L
31 very abundant on Barrens, prefers \nnot in print. Full bloom, great.

8103 Ruzieae var. nitida \n
8104 Chilanthes tennusa (Michx) var. \nditto

8105 Heliotrope lineare
111 on Barrens, prefers: in colonies. \nnot abundant. (compared at Harris.)

8112 Leptospermum flavum \nwell on tree on east slope from \nBuffalo State High road, at alt: 3000 ft.

8106 Solidago juncturata (Michx)

8107 Solidago juncturata (Michx)
ditto

8108 Solidago juncturata (Michx)
ditto

8109 Solidago juncturata (Michx)
8190 on steep Barrens, prefers the \nshrub; at alt: 4000 ft.

8110 Chlorella gladiata L
113 in wet soil: abundant, full bloom \n(Ground bloom at old shelter, alt: 4800 ft.)

8111 Solidago juncturata (Michx)

8112 Leptospermum flavum \nwell on tree on east slope from \nBuffalo State High road, at alt: 3000 ft.
Noctonia tenuifolia, Va. Augusta Co.

8113 at trail on east slope of Mt. Pleasant II A. Allard Sept 2, 1940

8114 Solidago rugosa L. at fire tower with X 8120: occasional labia; full flower.

8115 Juncus subcordatus Engelm. (Solomon's seal)

8116 Berichterum Virginicum L. (made with thin, old, older soil; short 470) scattered, some sprigs near X 8114

8117 Gentiana gringaefolia L. at top of knob around tower: full in flower: scattered here

8118 Gigeria cundata (Bae. C.) DC. at fire tower with X 8113: full flower.

8119 Colchicum stramesson L. at fire tower: full in flower.

8120 Solidago communis Muhl.; ditto

8121 Solidago squarrosa Muhl.; ditto

8122 Solidago virga 

8123 Reuniews trifoliatad (Bee.) B. M. ditto

8124 Aleimicreminatc Muhl.; ditto

8125 at fire tower with X 8121: abundant; full flower.

8126 Allium commun Roth; ditto

8127 at fire tower with X 8116: abundant; full flower: mutual flow.
8128  Neltia pisiformis  
9 1/2 miles from the mill,  
9/28/40  
HA, ALLAND  

8129  Alternanthera alternifolia  
Along Broad Run.  
8/28/40  
HA, ALLAND  
The most common.  

8130  Andropogon glomeratus  
8/28/40  
HA, ALLAND  

8131  Anthoxanthum odoratum  
8/28/40  
HA, ALLAND  

8132  Carya cardinifrons  
Along Broad Run.  
9 1/2 miles from the mill.  
HA, ALLAND  

8133  Polygonum aviculare  
9/28/40  
HA, ALLAND  

8134  Carya cardinifrons  
9/8/40  
HA, ALLAND  

8135  Celtis occidentalis  
2 miles from the mill.  
8/28/40  
HA, ALLAND  

8136  Carya cardinifrons  
Near 8135.  

8137  Parthenium canadense  
8/28/40  
HA, ALLAND  

8138  Alisma subcordatum  
8/28/40  
HA, ALLAND  

8139  Lycaste virginiana  
8/28/40  
HA, ALLAND  

8140  Eleocharis obtusata  
8/28/40  
HA, ALLAND  

Ludwigia alternifolia L. Bull Run Mt., Va.
on sand bars in stream Sept. 8, 1940
1/2 miles below Mill H.A. Allard
abundant in sed.

8141

8142 Sedum uniflorum (Gray) Wiegand
1/2 with X 8141; abundant in
wet soil; full bloom.

8143 Pylaiogramme #34
1/2 wet soil beside X 8141;
abundant; full bloom along shore here.

8144 Symplocos americana Michx. ditto
large clumps; full bloom here.

8145 Hypericum muticum L
wet X 8141; abundant in wet
soil; full bloom.

8146 Actaea europaea L. (Maypop) mag
on sand bars in Broad Run,
mean X 8141; abundant; full bloom.

8147 Claytonia glandulosa var. segetaria L.
with X 8141

8148 Helianthus annuus L. Bull Run Mt., Va.
in stream 1/2 miles below Mill H.A. Allard
abundant on below Broad Run.

8149 Tragopogon pennsylvanicus Marsh
1/2 with X 8141; abundant in
wet soil on banks of Broad Run.
ditto

8150 Mentha piperita L
1/2 sand bars with X 8141;
large clumps; full bloom here.

8151 Mentha arvensis L. var. sativa
abundant; full bloom here.

8152 Rumex crispus filamentosus
1/2 firmly attached to rocks in
wet soil, below Berkeley Mill,
with leaves wanted. Some
Podostemum serotrophillum Michx.

8153 Tragopogon pennsylvanicus Marsh
ditto

8154 Vitis vinifera L
mag X 8153; abundant;
abundant; full bloom in mid.
midnight shade; very strong.
8155  Helm Beverly Mill, on Broad Run, below Beverly Mill. 1/2 mile, very abundant, full bloom.
8156  Fagus grandiflora Claus. ditto
(2) On broad Run, flood plain, below Beverly, 1/2 mile, abundant.
8157  Acer circinatum L. ditto
(2) 1/2 mile below Beverly Mill, ditto in woods on banks along Broad Run, abundant, full bloom, white.
8158  Epipogis virginiana L. var. var. ditto
(2) 1/2 mile below Beverly Mill in damp soil, beneath beech, very abundant, full bloom.
8159  Quercus bicolor Willd. ditto
(3) 1/2 mile south of below Beverly Mill in forest, on Broad Run, near here, with pin oaks.
8160  Cryptogama: mainlandica L. ditto
(1) In pasture 1/2 mile below Beverly Mill; in fruit.
8161  Eupatorium coelestinum L. ditto
(1) On Broad Run, flood plain, just below Beverly Mill a few hundred yards, abundant, full bloom.
8162  Ambrosia trifida L. var. intermedia Small. ditto
(Entire length) 1/4 mile, near 8161.
8163  Rubus texanus Thunb. ditto
(1) Stems decidedly petiolate, leaves, with 8161.
8164  Penilla punctata L. Britton. ditto
(2) Just below Beverly Mill in damp soil, produces solid clump of flowering in many areas, all down Broad Run; fruit in bloom, foliage green; a weed abundant, weed.
8165  Eupatorium perfoliatum L. ditto
(1) Leaves narrow, stiff, very long, full bloom, very abundant, in mid August, and on flood plain of Broad Run.
8166  Elephantorus carolinensis L. var. var. ditto
(1) Near 8161, abundant, in damp areas, full bloom.
8167  Trapastrum pennsylvanicum Marsh. ditto
(3) On Broad Run, flood plain, 2 miles below Beverly Miller, leaves, very slightly, rooted, nearly sterile, (compare with 8153)
8168  Equisetum hyemale L. Raft ditto
(1) In forest just below Beverly Mill, ditto common; willow shrub white.
8169 Panicum tenerifense Mill. E.T. 21, 2/2 mi. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8170 Sarcocornia canadensis L. 1 1/2 mi. E. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8171 Scirpus americanus L. 1/4 mi. W. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8172 Vitis vulpina L. 1/2 mi. W. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8173 Nasturtium microphyllum (Hook. & Arn.) Nutt. 1/4 mi. W. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8174 Amphilacus gibbosus (L.) A. Gray 1/4 mi. W. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8175 Panicum tenerifense Mill. 1/4 mi. W. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8176 Eriogonum occidentale L. 1/2 mi. N. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8177 Lactuca virosa Jacq. 1/2 mi. S. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8178 Muhlenbergia soergelii Hack. 1/4 mi. S. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8179 Juncus ischaemum (Schreb.) Hack. 1/4 mi. S. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8180 Polygala verticillata L. 1/4 mi. S. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8181 Brachyphyta amplexicauda (Michx.) Britton 1/4 mi. S. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.  
8182 Eriophorum rosulatum (L.) Britton 1/4 mi. S. of Staunton, Va. on Flood Plain of Broad Run near Staunton, Va. 12/19, 1940.
On moist ground at Harris' quarry, Sept., 15, 1940
wth. of Hoffman. 
(1/2 yard weed)

On moist soil near # 8189
abundant in
wth. of Hoffman
(1/2 foot long, fine, white, often
almost crimson)

Prenanthes trifoliata (L.) Fern. Bull. Ditto
Roadside in interior valley near
Dow C. on dry moist side
bank, full room, frequent

Aster discaricus L. V.
Near # 8184, same locality
abundant in woods, full room.

Aster laevis L. V.
Same woods near # 8184
abundant, full room.

Collinsia anadensis L. V.
In moist woods near Harris' quarry north of Hoffman. 
Roadside in interior valley near 
Dow C. on dry moist side
bank, full room, frequent

Collinsia pyramidalis Jacq.
Dow C. on dry moist side
bank, full room.

Lydia spicosa L. V.
Near # 8193, abundant, full room.

Polygossa pennsylvanicum L. V.
On dry field with # 8193
abundant, full room, (1/2 foot long,
vivian, long spines, white, shining, abundant
full room

Oxalis europaea var. pyramis L. V.
In same dry field with # 8193
very abundant, strong, glassy, purple petioles
and leaves with white, shining, abundant
full room

Helenium muticum L. V.
On moist thickets near # 8189
abundant in open landside, opening

Hyssop officinalis (L.) L. V.
In alpine thickets near # 8190
abundant, high flowering, in wet
situations or moist

Bergenia ciliata S. V.
Dry moist thickets on Harris' place near # 8190
abundant, full room

Lilium philadelphicum S. V.
In open woods near # 8189
abundant, full room.
8197

Discorea villosa L.

Bull Run Mt., VA

Prince William Co.

Sept. 15, 1940

H. A. Allard

North of Hesperell Gap

13 miles

8198

Monotropa hypopitys L.

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8199

Elymus giganteus L.

(4) In same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8200

Solidago graminifolia var. mutellina (Greene)

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8201

Vitis aestivalis Mich.

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8202

Astragalus thomsonii (White)

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8203

Salvia pumila L.

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8204

Oxalis europaea f. supina (small)

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8205

Menispermum perfoliata L.

(4) in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8206

Eriophorum vaginatum Nutt.

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8207

Euphorbia cyparissias L.

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8208

Ceratophyllum demersum L.

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8209

Oxalis europaea f. supina (small)

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here

8210

Salvia pumila L.

in same woods, but below white

Rocks, next slope; dead red coloration

full bloom: several localities seen here
Eupatorium witicafolium

21 mile

North Upton

8211

8212

8213

8214

8215

8216

8217

8218

8219

8220

8221

8222

8223

8224

Eupatorium unicinctum

21 field, just below Castellea.

Eupatorium virginicum

21 field, just below Castellea.

Oxalis europaea var. major

21 field, just below Castellea.

Oxalis europaea f. minima

21 field, just below Castellea.

Oxalis europaea f. minima

21 field, just below Castellea.

Halisoja scalaris

21 field, just below Castellea.

Campanula glomerata

21 field, just below Castellea.

Hastaria longifolia

21 field, just below Castellea.

Trichocereus linearis

21 field, just below Castellea.
8225. Paronychia fastigiata
Massachusetts, VA
Hemlock Forest, Sept. 22, 1940
N.A. Anderson

8226. Solidago altissima
3. A feature of Mr. Boyer;
abundant, very tall, strong, full flower.

8227. Telekia scariosa
1. On true shale, near high
side of old Mr. Boyer's
abundant, very strong, full flower.

8228. Cassia micrantha
1. On true shale, near old
Mr. Boyer's abundant; passing.

8229. Monotrichum longifolium
2. On true shale, near old
Mr. Boyer's abundant; passing.

8230. Paronychia fastigiata
1. On true shale, near old
Mr. Boyer's abundant; passing.

8231. Solidago bicolor
1. Near Boyer's mark, near
shale, near Mr. Boyer, near
high rock, slide.

8232. Solidago bicolor
1. Well again cutting
my old path near
my old path near
Mr. Boyer's
abundant.

8233. Solidago bicolor
1. White sages. Abundant and
in flower with 8 232: common
shade in true forest.

8234. Solidago rugosa
1. On true forest, where I fell,
Mr. Boyer's.

8235. Paronychia fastigiata
1. With 8 234: abundant.

8236. Monotrichum longifolium
1. On true shale, near old
Mr. Boyer's abundant; passing.

8237. Solidago bicolor
1. With 8 236 on same interface.

8238. Polygala campestris
1. A colony beside outcrop
where 8 237 and 8 236 grew,
strictly smooth. My first record for
this species in the shale. 40.
Full bloom; fr. purple.

8240 Oxalis corniculata L. (see misspelling)
Rhodora, 27, July 1925; p. 113-139
Near greenhouses at Arlington Farm, leaves mottled - some old flowers.

8241 Oxalis europaea Jard.
Near 8240 and greenhouses, ditto.

8242 Panicum virgatum, L. Mass.-W. 29, 1940; part of plant in front of house.
Sheaves of flowers, 8-9 ft. Tall. Flowers matured in Sept. 29, 1940, Mr. Alland.

8243 Panicum
Sept. 29, 1940; 8 ft. Tall, flowers in front of Mr. Burness.

8244 Acalypha virginica L
Dec. 21, 1940; flowers in 8 ft. Tall, seeds in front of Mr. Burness.

8245 Aster laevis L
13 ft. Tall, flowers in 8 ft. Tall; seeds in 8-9 ft. Tall.

8246 Calochortus L
Most stations: Plants; some seeds in station.

8247 Grass
1 ft. tall, seeds in 8-9 ft. Tall.

8248 Geranium lacera L
2 ft. Tall, seeds in 8-9 ft. Tall.

8249 Viola nutans
2 ft. Tall, seeds in 8-9 ft. Tall.

8250 Solidago canadensis L (yellow form)
1 ft. Tall, seeds in 8-9 ft. Tall.

8251 Solidago canadensis L (green form)
1 ft. Tall, seeds in 8-9 ft. Tall.

8252 Solidago canadensis L
13 ft. Tall, flowers in 8-9 ft. Tall; seeds in 8-9 ft. Tall.
8253  
Vasquez near Dr. Bunn, 4/4 1/2, 1/8 1/2, 1/8, white and yellow

8254  
Solidago speciosa Nutt.  

8255  
white and yellow flowers.  

8256  
white and yellow flowers.  

8257  
Yellow ragwort.  

8258  
Corallaria major var. Speciosa  

8259  
Bryophyllum obliquum  

8260  
Oxalis europaea Sm.  

8261  
Yellow ragwort.  

8262  
Anaphage  

8263  
Sharonville Co.  

8264  
Tangier  

8265  
D. W. Smith  

8266  
Euphorbia palustris  

8267  
M. W. Smith
sensu foliar L. (wavy white) with end of very abundant full flower. Short part, in a very low-grown shade, Haagensen Range.


2873: It is thin and hard wood to yellow golden roots in entire area here.

2874: (as can be) well in Haagensen Range.


2878: Plant A. B, C, D from top downward, of one plant.


2880: N. tabacum Purdy's Pride. 1st. Broadleaf, aine. Haagensen, Aug. 29, 1940. Section 2, 3, 4, B. C., D. from top downward, of one plant.
8281 N. tafaecum L. - Plant No. 2 of var. Paddy's Pride, light air-cured type, grown mainly in Kentucky for high cigarette and chewing. Sown Aug. 29, 1940. H. A. Allard. Sections A, B, C, D etc. from top to ground.


8288 Sections of one plant from top down.
8295 - Sutline A, B, C, D, E from top down, of one plant.

8296 - Cash ran. Osmocor Brown, blue-cured type. N. potamos L. Baptism.

8297 - one plant of Montana gassellii from near Newport in central Australia. Sent to Tenera District 1903 to South Australia (by letter). Mrs. E. G. L. D. TREAT.

8298 - sent 6.10.1940. H. A. Alland.

8299 - one plant to * 8297 (same date), etc. sent to U.S. National Museum. Numbers: 8295.

8300 - distance of Montana gassellii from Newport in central Australia. Mr. E. G. L. D. TREAT.

8301 - distance of Montana gassellii from Newport in central Australia. Mrs. E. G. L. D. TREAT.


8304 - Big Bald Knob - 1 Oct. 1940. H. A. Alland.


8309 white areas on
8310 one top rock
8311 one top rock
8312 one small
8313 one small
8314 one top rock
8315 white areas

8316 Bull Run Int., Va.
Prince William Co.
North of Hopewell St.;
Antietam.

8317 Bull Run Int., Va.
Chestnut Oak Tree;
High Point.;
Cliffs.

8318

8319

8320

8321

8322

8323
8323

8324

8325

8326

8327

8328

8329

8330

8331

8332

8333

8334

8335

8336

Red oak tree, near Chanticoe Shing.      ditto

8330

8331

8332

8333

8334

8335

8336

Red oak tree, near Chanticoe Shing.      ditto

8324

8325

8326

8327

8328

8329

8330

8331

8332

8333

8334

8335

8336


8339. Bop lichen from bank of Chestnut Oak (Thinkland) on top of ridge near Chestnut Tree, spruce. Ditto.

8340. Bop Bank lichen from same site. 100 oaks at same place. Ditto.


8345. Bop Bank lichen from near Chestnut Oak at High Point. Ditto.

8346. Bop Bank lichen from near Chestnut Oak at High Point. Ditto.


8348. Bop Bank lichen on same species of oak with #8346. Ditto.

8349. Bop Bank lichen on same species of oak with #8346. Ditto.

<table>
<thead>
<tr>
<th>ID</th>
<th>Description</th>
<th>Location</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>8351</td>
<td>Bog lichen on Quercus. Bull Run Mt., VA</td>
<td>1941 Montana</td>
<td>January 5, 1941</td>
</tr>
<tr>
<td>8352</td>
<td>Bog lichen on chestnut oak near #8351</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8353</td>
<td>Bog lichen on chestnut oak near #8351</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8354</td>
<td>Bog rocks lichen from High Point Cliff</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8355</td>
<td>Bog rocks lichen near #8354</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8356</td>
<td>Bog rocks lichen near #8354</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8357</td>
<td>Bog rocks lichen near #8354</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8358</td>
<td>Bompke lichen. on High Point Cliffs. Bull Run Mt., VA</td>
<td>High Point Cliff, January 12, 1941</td>
<td></td>
</tr>
<tr>
<td>8359</td>
<td>Bompke lichen. on High Point Cliffs. Bull Run Mt., VA</td>
<td>High Point Cliff, January 12, 1941</td>
<td></td>
</tr>
<tr>
<td>8360</td>
<td>Bompke lichen. on High Point Cliffs. Bull Run Mt., VA</td>
<td>High Point Cliff, January 12, 1941</td>
<td></td>
</tr>
<tr>
<td>8361</td>
<td>Bompke lichen. on High Point Cliffs. Bull Run Mt., VA</td>
<td>High Point Cliff, January 12, 1941</td>
<td></td>
</tr>
<tr>
<td>8362</td>
<td>Bompke lichen. on High Point Cliffs. Bull Run Mt., VA</td>
<td>High Point Cliff, January 12, 1941</td>
<td></td>
</tr>
<tr>
<td>8363</td>
<td>Bompke lichen. on High Point Cliffs. Bull Run Mt., VA</td>
<td>High Point Cliff, January 12, 1941</td>
<td></td>
</tr>
<tr>
<td>8364</td>
<td>Bompke lichen. on High Point Cliffs. Bull Run Mt., VA</td>
<td>High Point Cliff, January 12, 1941</td>
<td></td>
</tr>
</tbody>
</table>
8365
Bop rock lichens from High Point Cliffs
H.A. Allard
1

8366
Bop rock lichens from chestnut oak and lichens with # 8365
ditto
1

8367
Bop rock lichens from High Point Cliffs, hunt, Franquien Co
H.A. Allard
Jan. 27, 1941
1

8368
Small chestnut lichens at High Point
H. A. Allard
1

8369
Bop rock lichens on Quercus montana
 ditto
1

8370
Bop rock lichens from High Point
 ditto
1

8371
Bop rock lichens near # 8370
 ditto
1

8372
Bop rock lichens from High Point Cliffs
H.A. Allard
Jan. 19, 1941
1

8373
Bop rock lichens from High Point Cliffs
H.A. Allard
Jan. 19, 1941
1

8374
Bop rock lichens from High Point Cliffs
H. A. Allard
1

8375
Small lichens at High Point Cliffs
H. A. Allard
1

8376
Bop moss at base of High Point Cliffs
H. A. Allard
1

8377
Nakiti near # 8374
H. A. Allard
1

8378
Alcolonia on base at base of tree at top of High Point Cliffs
H. A. Allard
Feb. 21, 1941
1
8380 Banks lichen from Hydnum osteoides at pine, ditto

8381 Bop very fine grey lichen on mtn. at High Point. Colonies nearly pine, ditto

8382 Bop rocks lichen with # 8379, ditto

8383 Cladonia

8384 Cladonia conicosa & centrodes (Hemlock) train

8385 Bop of 3 barks lichen

8386 Banks lichen - # 8385

8388 Banks lichen - from High Point Cliffs

8389 Bop rocks lichen from High Point cliffs, ditto

8390 9 ct. Cladonia, with # 8388, ditto

8391 Rock lichen - from dry rock and boulders in deciduous woods

8392 Rock lichen - (one bop) with # 8391, ditto

Bull Run Mt. Va.  
Francesco Co.  
Feb. 2, 1941  
H.A. Alland

Prince William Co.  
Feb. 9, 1941  
H.A. Alland

North of Cape Haze
Bop rock lichen on bare soil

8393 wood.

Bull Run Mts, Va. 2 miles north of Beverly Mill on slope not of Calletta Branch below High Point on east slope; March 28, 1941. H.A. Allard.

8394 Bop rock lichen with 8393 ditto

8395 Bop rock lichen with 8393 ditto

8396 Bop rock lichen with 8393 ditto

8397 Nepeta in deep ridge (women's)

8398 Bop cladonia on bare soil

8399 Bop cladonia with 8398

8400 Bop rock lichen on clumps of moss mostly near 8393.

8401 Bop rock lichen

8402 Nepeta in deep ridge

8403 One bop rock lichen with 8401 ditto

8404 Bop lichen on soil and dead stuff

8405 Altocera on soil and dead wood

8406 Cladonia on soil (greenish) in log woods near slope of steep ridge near s. of Haferwell Sf. & Ruby Branch field from mill.
Moss on dead wood in woods near Bull Run Mt. A

8407 Bull Run Mt., Prince William Co.

8408 Bull Run Mt., Prince William Co.

8409 Bull Run Mt., Prince William Co.

8410 Bull Run Mt., Prince William Co.

8411 Bull Run Mt., Prince William Co.

8412 Bull Run Mt., Prince William Co.

8413 Bull Run Mt., Prince William Co.
8421

Poplar Ridge, Virginia
mostly from Chantilly in late May
at foot of cliffs.
April 6, 1941
H. A. Allard.

8422

Mess, one mile in spring
next slope below High Point
2 mi.

8423

Beltigens. One mile near
8422 ditto.

8424

Amblygyna
one mile below High Point
ditto.

8425

Syntema. One mile with
8424 at High Point Cliffs
ditto.

8426

Borrelia bicincta
on ridge west of Allard's Prince William Co.
and diatom-choked spring
April 13, 1941
H. A. Allard
N. of Sophenell Station
militia house.

8427

Borrelia bicincta
at face of chimney on top of ridge
with 8426.

8428

6 ft. high, one foot tall. Prince William Co.
from ridge near of Chantilly with Sophenell Station.
8429

Mess at base of large tree
1 mi. in Jackson Hollow along Catharpin Creek.
ditto.

8430

Lichens and moss, 20 ft. (air frame).
1 mi. near 8429 by spring. Done here.
derode road, my in, N. of Sophenell Station 1/2 mi.

8431

Mess of Eurygord
on meadow with 8430
 ditto.

8432

Red lichenon roadside bank
1 mi. near 8430
 ditto.

8433

Lichens and moss (air frame)
1 mi. near 8430.
several species.

8434

Red lichen near 8432
 ditto.
8435 - Moss on rocks, near 8435 on soil. ditto

8436 - Moss - near 8435 on soil. ditto

8437 - Sphagnum. On damp soil near 8435. Where soil is badly eroded ditto.

8438 - Sphagnum near road. Road near 8435.


8449

\[ \text{Viola - Pine Islanded} \]
\[ \text{Bull Run Mt., Va.} \]
\[ \text{Prince William Co.} \]
\[ \text{W. of Notocollis Day Gmn.} \]
\[ \text{April 20, 1941} \]
\[ \text{H. A. Allard} \]

8450

\[ \text{Spigia aurea (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449; abundant; full bloom.} \]

8451

\[ \text{Quercus montana (Virginia) Medp.} \]
\[ \text{\textit{H} at top of ridge of beak tower; ditto near \# 8449; full flower; abundant.} \]

8452

\[ \text{Cirsium virginianum (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449; very abundant; all} \]
\[ \text{way up hill to brink; very} \]
\[ \text{vivid yellow; full bloom;} \]
\[ \text{= \textit{Scorodiniana} sp. (Pennsylvania) Medp.} \]

8453

\[ \text{Antennaria plantaginea (Virginia) Medp.} \]
\[ \text{\textit{H} \& S with \# 8449; abundant;} \]
\[ \text{full bloom.} \]

8454

\[ \text{Potentilla argentea (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449; all way to tower;} \]
\[ \text{abundant; full bloom.} \]

8455

\[ \text{Vaccinium angustifolium (Virginia) Medp.} \]
\[ \text{\textit{H} \& S with \# 8449; gray} \]
\[ \text{bush \& S with \# 8449;} \]
\[ \text{full flower; abundant;} \]
\[ \text{tall.} \]

8456

\[ \text{Aconitum (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449; abundant; full bloom.} \]

8457

\[ \text{Mass.} \]
\[ \text{\textit{H} in water or urchs below; ditto} \]
\[ \text{tower in little swamp near} \]
\[ \text{spring; crossing; clear.} \]

8458

\[ \text{Viola japonica (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449; abundant;} \]
\[ \text{full bloom;} \]
\[ \text{tall.} \]

8459

\[ \text{Taraxacum officinale (Virginia) Medp.} \]
\[ \text{\textit{H} on the lawn, shampoo;} \]
\[ \text{full bloom.} \]

8460

\[ \text{Carex humata (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449;} \]
\[ \text{abundant; full bloom.} \]

8461

\[ \text{Candamia (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449; abundant; full bloom;} \]
\[ \text{tall.} \]

8462

\[ \text{Viola encorvis (Virginia) Medp.} \]
\[ \text{\textit{H} with \# 8449;} \]
\[ \text{abundant; full bloom;} \]
\[ \text{tall.} \]
8463
«Viola patens var. Punch», Bulleby, N.Y., April 27, 1941. Full bloom throughout. April 27, 1941.

8464
Viola patens var. Punch

8465
Anissa, cuneiformis var. vulgata, April 27, 1941. Full bloom. April 27, 1941.

8466
Anissa, cuneiformis var. vulgata, April 27, 1941. Full bloom. April 27, 1941.

8467
Vicia angustifolia Rechardt. April 27, 1941. Full bloom.

8468
Cerastium biannum Raf. April 27, 1941. Full bloom.

8469
Chionanthus virginicus L. April 27, 1941. Full bloom.

8470
Plantago virginica L. April 27, 1941. Full bloom.

8471
Phacoma, chamaecyparis, L. April 27, 1941. Full bloom.

8472
Elytrigia arenaria subsp. arenaria, L. April 27, 1941. Full bloom.

8473
Elytrigia arenaria subsp. arenaria, L. April 27, 1941. Full bloom.

8474
Elytrigia arenaria subsp. arenaria, L. April 27, 1941. Full bloom.

8475
Veronica serpyllifolia L. April 27, 1941. Full bloom.

8476
Veronica arenaria L. April 27, 1941. Full bloom.
<table>
<thead>
<tr>
<th>#</th>
<th>Species</th>
<th>Location</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>8479</td>
<td><em>Lupula arilata</em> (small) Herba con.</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8480</td>
<td><em>Silene caroliniana</em> var. vernonia</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8481</td>
<td><em>Aquilegia canadensis</em> var. volubilis</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8482</td>
<td><em>Bacopa</em> var. (Mill.) Roth</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8483</td>
<td><em>Bacopa</em> var. macrophylla</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8484</td>
<td><em>Viola</em> paupilascens Pursh</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8485</td>
<td><em>Viola</em> paupilascens Pursh</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8486</td>
<td><em>Viola</em> paupilascens Pursh</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8487</td>
<td><em>Viola</em> paupilascens Pursh</td>
<td></td>
<td>ditto.</td>
</tr>
<tr>
<td>8488</td>
<td><em>Viola</em> paupilascens Pursh</td>
<td></td>
<td>ditto.</td>
</tr>
</tbody>
</table>
Viola palustris var. Prince William Co.

8491

8492

8493

8494

8495

8496

8497

Cyanus cristatus (Schreb.) B.S.P. Bull Run Mt., Va.

Cyanus cristatus (Schreb.) B.S.P. Bull Run Mt., Va.

Hydrophyllum virginianum

Exemly abundant all along Broad Run in June. Stands often 4-8 inches high.

Red Goosefoot

Not being eat nearly glabrous forms.

2 miles down Broad Run in pasture.

Cape Blanda Denby

with # 8500

Cyperaceae - Carex gracilis Schult.

Cyperaceae - Carex gracilis Schult.

Barbara Verna (Hill) Reich.

Near # 8500; full Bloom; and everywhere in fields eh.

Veronica arvensis

in old pasture 2 miles down near # 8500; Abundant.
Bull Run Mt., Va.
2 miles from Broad Run near complement, very abundant; full bloom.

8507 Alliaria officinalis L.
(3) Near * 8506, along Broad Run; very bloom young.

8509 Viburnum hinnelobium L.
(3) On Broad Run near * 8507; in full bloom; very strong.

8510 Aquilegia canadensis L.
(1) On steep bank outgrows 2 1/2 miles; very abundant; full bloom; a few plants.

8511 Silene canadiana var. pentapetala (Munia.) Claneau.
(2) On dry wooded bank above * 8510; abundant; full bloom; very deep pink here.

8512 Viburnum opulus var. pendulum L.
3 8 511; abundant here; full bloom.

8513 Amelanchier arborea L.
1 * 8512; abundant here; full bloom.

8514 Hydrophyllum virginianum L.
(3) 2 miles down Broad Run left bank.

8515 Viola canadensis L.
(4) On right bank of Broad Run, 2 1/2 miles; abundant; in full bloom, where snow covers; mist round felt; leaf beautiful; strap; fragrant.

8516 Hydrophyllum virginianum L.
(2) Near * 8515; abundant; full in bloom; much more than

8517 Allium canadense L.
(3) Coming with * 8515; a large

8518 Salix nigra Marsh.
(4) 2 miles down Broad Run left bank; in full bloom; (as and &.)
8519 Populus nigra L. Bull Run, Va. 31 trees near X 8518 Prince William Co. May 4, 1941
H. A. Allard
Virginia tree.
(See Tridaxprocumbens treatment Rhodora 16: 208, 1914)

8520 Stephylea trifoliata L. ditto
13) at color near X 8519
in full bloom; my first Bull Run record.

8521 Asarum canadense L. ditto
on steep slopes at conglomerate natural mile downstream Bull Run.
fall colors; full bloom; caly calyx red

8522 Tiapinus virginianus Marsh. ditto
Near X 8521.

8523 Rhododendron catawbiense L. ditto
2) on Piedmont road near X 600 1/2 mile south of Beverly; ditto
full bloom.

8524 Vernonia caroliniana Walt. ditto
at Beverly Mill, in waste ground.
var. confertiflora Fern.

8525 Oxalis violacea L. Prince William Co.
12 mile down Pood RUN banks.
Beverly Mill on dry banks where we ate.
Full Bloom; abundant on flood plain.

8527 Euphorbia sturtiana Smth. ditto
Near X 8526; abundant all down Bull Run.

8528 Ixodinum campostre (L.) Bt. Br. ditto
Beside X 8526; very abundant; full bloom.

8529 Convivaceae ditto
Near X 8528
= Sisymbrium officinale.name.
S. scabphus.

8530 Panthenocystis magnifica (L.) P. P. Hall, ditto
2) 2 mile below Beverly Mill on flood plain of Bull Run.
Glehoma var. montana abundant.

8531 Viburnum prunifolium L. ditto
Near X 8530; abundant; very showy not in full bloom.

8532 ErULKINAE ditto
On steep wooded banks along
shale outcrop 2 1/2 miles below Beverely Mill; left bank.
= Poa ambigata Will.
Enhydrilla strigosa Lindl. Bull Run Mt. Va
on steep slope 2-1/2 miles below Prince Williams
Beverly Mill on Broad Run N.A. Alland.
May 4, 1941
Very abundant.

8534 Hydrodictyon virginiennse L. ditto
1/2 Near 8533; large areas in stream bed Jan 8 1941

8535 Heliam from L. var. varia (Raf.
1/2 Near 8533; very abundant, found in stream bed

8536 Acalypha occidentalis L. var. varia (Raf.
1/2 on pages of Broad Run Creek
2-1/2 miles below Beverly Mill, where it
tends to form a large riverine vegetation.

8537 Houaltia canaliculata L. var.
1/2 in water below Beverly Mill; ditto
in pond on Broad Run opposite town from 8520, where it
tends to form a large population of

8538 Camaridmyo longistyloides var. varia (Raf.
1/2 Great Meadow Blake N.A. Alland
May 4, 1941

8539 Camaridmyo longistyloides var. DC. ditto
1/2 Moving everywhere beside 8538; hairiness variable; some glaucous
and some glaucous in full sun.

8540 Enhydrilla oritata Losch. Bull Run Mt. Va
on west ground at Beverly Mill
May 5, 1941
Near 8533 - large colonies; full sun.

8541 Carex perchorphora Holand. Washingto
1/2 Too immature.
May 4, 1941
N.A. Alland

8542 Delisida virginiennse (Raf.) Rendle
1/2 Near 8540 - very small.

8543 Carex palmeri var. varia (Raf.
1/2 on old railroad bank
4-1/2 miles toward Grissom.

8544 Siqunias dimorpha Michx.
1/2 Near 8533
1/2 full sun, very strong, all along

8545 Eriophorum angustifolium Poir.
1/2 Near 8542

8546 Polygonum commutatum (Raf.
1/2 Near 8543 - large colonies; almost in shade; full sun.
8547
(2)

8548 Carex phyllostaphylacea Mack. ditto
(1) near # 8547

8549 Carex plicatilis Hook. f. ditto
(1) near # 8547

8550 viola ditto
(1) with # 8547

8551 Nuphar ditto
(1) in pool near gravel in Buryard

8552 Euphorbia ditto
(1) near # 8551 - on old railroad bank

8553 Euphorbia ditto
(1) near # 8552

8554 fals A. Allard

8555 Scleria oligantha Michx. ditto

8556 Cramusia ortolanae L. ditto
(1) at top of first peak near # 8556

8557 Gramineae Stipa pennsylvanica L. ditto
(1) at top near # 8557

8558 Scleria oligantha Michx. ditto
(2) on mud flat near # 8558

8559 Pachyurus pennsylvanica Marsh. ditto

8560 Veronica ditto
(1) on plug in eastemmost peat bog, E. # 8560, 8562, 8563, 8564, 8565, green trees, 8574.

8562 \( \frac{\text{on same flatrock with} \# 8560 \text{; vigorous; ditto}}{\text{abundant; green; site very shallow;}} \)

8563 Cheilanthes longa. (1) on same flatrock with 8560; long; ditto

8564 Barbarea (1) on same rock with \# 8560; in seed; vigorous.

8565 Carex repens. (1) on flatrock in thin soil near \# 8560. in h. of soil. (V. repens. Muhl.)

8566 Small rushes (1) on same rock with \# 8560; vigorous; ditto

8567 Connatina (1) on same flatrock with \# 8560.

8568 Vitis \# 8561. Near \# 8560; full bloom; very abundant. (V. vinifera) H. A. Alland.

8569 Pechnosius magnificus (V. 1941) 1st. Ditto

8570 Heraclea americana \( \text{ditto} \)

8571 Canyon globosa (V. 1941) 1st. Ditto

8572 Fnaegnum (1) \# 8568.

8573 Pechnosius magnificus (V. 1941) 1st. Ditto

8574 Valshia parviflora \( \text{ditto} \)

8576 Panicum. In thin woods in 2nd or valley between the two peaks.

8577 Panicum. with # 8576 ditto

8578 Panicum. with # 8576 ditto

8579 Panicum. 1 21 with # 8576 ditto

8580 Panicum. at top of first peak above railroad. ditto

8581 Panicum. with # 8580 ditto

8582 Panicum. at top of first peak of one

8583 Panicum. Near # 8575 ditto

8584 Carephila decap. Ditto

8585 Selaria elizavetha Nichols. Near # 8584 ditto

8586 Pan dry under railroad bed within quarrs ditto

8587 On dry rocks and in first week of gray wood. ditto

8588 Carephila decap. Ditto
8589  Curved with H. A. Allard

8590  Carephi flora Lamarck

8591  Galium

8592  Oxalis

8593  Plantago Virginica L

8594  me top lie from arbus

8595  Carephi flora Lamarck

8596  Aphananthe perfoliata

8597  Rubus frondosus

8598  Asclepias indica

8599  Tonicula

8600  Plantago lanceolata L

8601  Rubus alleghenianus

8602  Rubus frondosus
<table>
<thead>
<tr>
<th>Page 8603</th>
<th>Page 8610</th>
</tr>
</thead>
</table>
| *Nysa crenatilab.
* Virginia's dancer |

<table>
<thead>
<tr>
<th>Page 8604</th>
<th>Page 8611</th>
</tr>
</thead>
</table>
| *Vitis aestivalis *Michx.*
* Rhode side dells Castello's |

<table>
<thead>
<tr>
<th>Page 8605</th>
<th>Page 8612</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Viburnum dentatum</em></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Page 8606</th>
<th>Page 8613</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Vinca minor</em> flagellars. wild</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Page 8607</th>
<th>Page 8614</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Veronica prostr. *d.i.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Page 8608</th>
<th>Page 8615</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Nysa decipiens</em> Marsh</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Page 8609</th>
<th>Page 8616</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Panth. posera quinquefolia</em></td>
<td><em>Hedera helix</em></td>
</tr>
</tbody>
</table>
8617

On White Rocks Ridge

Bull Run Mt., Va.

May 18, 1947

H. G. Allard

Rhododendron mukdenianum L. Tore
ditto

8618

canadense Desney

Near White Rocks, in woods, ditto

8619

Perennarum maculatissima L.

Near White Rocks, in woods, ditto

8620

Hymenocallis Michx.

Near White Rocks. May 29, ditto

8621

Kalmia latifolia L.

Near White Rocks, 29, ditto

8622

Veronica sericealis L.

Roadside near Harris' Quarry.

In 29, ditto

8623

Oxalis stricta L.

Roadside near Tangerine.

In 29, ditto

8624

Grammaeae

In woods just east of White Rocks.

May 18, 1947

H. G. Allard

Panicum latifolium Poire

Tangren Co.

8624

Sphenopholis mitrata Oreji. Sinf. ditto

8625

Panicum fasciculare, ditto

Near White Rocks. May 29, ditto

8626

Canadensis Scheinm. ditto

Near White Rocks, 29, ditto

8627

Nyssa sylvatica var. Trianae, ditto

Near White Rocks, 29, ditto

8628

Panicum

Near Ledges just east of White Rocks.

8629

Conopandra marcellata (Torr.) H. G. Allard ditto

With 29, 8628, full Zone. Route 52 down in ravine.

8630

Vitis vinifera Mill.

At Ledges with 8628, ditto.
Nupsa sylvatica
Topical Fern
8631
Leaves remaining
alone; tufts weak
early at 12; leaves beneath.
lt. ledges each of White Rocks.
8632 Rubus frondosus Bigel.
with #8631;
coes and #8631 ground.
8633 Vitis coerulea Michx.
124 with #8631; not in flower.
ditto
8634 Rubus occidentalis L.
11 edges with #8631; just in flower;
abundant here where no competition.
8635 Gramineae
27 in woods near #8631
Gynandria nodosa (Scrib.) Scrib.
8636 Carex Virens McHult.
from woods near White Rocks.
ditto
8637 Cerastium vivaceum L.
11 at Harris's gravies
below Harris's home, in
waste ground.
8638 Plantago lanceolata
in waste ground at Harris's grave.
H. Allard,
123 Full room; P. major not ge
in forest.
8639 Rubus frondosus Bigel.
ditto
11 Near #8638
8640 Rhododendron multiflorum
171 Harris's meadow
procerum #679 in Jackson
Ditch beyond Harris's grave.
past years.
8641 Carpinus caroliniana Walt.
ditto
11 In lawn near #8640;
buried,
8642 Anthemis amurensis L.
11 at Jefferson Mill
Throckmorton Co.
ditto
8643 Promina aspera L. Millard's garden
along ditch.
8644 Pachyseris revoluta var. speciosa
13 ledges part of White Rocks; with few leaves in
under surface of leaflets only.

Bull Run Mt., Va.
Prince William Co.
May 18, 1941
Bull Run Mt., Va.
Prince William Co.
May 18, 1941
Lichen (Cladonia 3)

8646 Lichens in pine trunks near on ground, with

(1) # 8645

8647 Viburnum

(1) This plant orig. Burlington Co., Va.

8648 Castanea dentata

(1) Native tree full grown in my garden; originally grown from seed by me.

8649 Andromine alpina L.

Bull Run Mt., Va.

8650 Malva neglecta Water

(5) with # 8649

8651 Malva neglecta Water

(2) In field of Mr. Castellino's at Hedgesville, W. Va., near Hedgesville, 1938

8652 Linnaea antarctica L.

with # 8651

8653 Arctostaphylos (1) with # 8652

(1) glanduliflora

8654 Spencea

(1) with # 8652

8655 Arctostaphylos sartwelliana L.

with # 8652

8656 Vicia

(2) Fence near Hedgesville near 8652

8657 Viburnum dentata L.

(2) Fence near Hedgesville # 8652

8658 Rosa blanda act.

(3) In field near road from Castellino in # 60; full bloom.

(1) near Bull Run area
8659  Rubus fruticosus-Bigel. Bull Run Mt., Va 25 May 25, 1941  mostly part in wash, D.C.

8660  Honeymine  titlo
   (1) In bold red of Chestnut's originat
   ing at Red Cap in wash.  Spoon try
   10.  Un.  Honeymine

8661  Honeymine, purpurea var. purpurea  titlo
   (1) In old field where hone mine  was
   existent (var. purpurea) grown.

8662  Honeymine, purpurea var. purpurea  titlo
   (1) In old field where hone mine  was
   existent (var. purpurea) grown.

8663  Honeymine, purpurea var. purpurea  titlo
   (1) In old field where hone mine  was
   existent (var. purpurea) grown.

8664  Ceratostigma viscosum  titlo
   (1) In old field with 8663; sandbar
   field.

8665  Malus prunifolia Mill  titlo
   (1) In old field near 8663;  shedling, etc., forms.

8666  Carya glabra (Mill.) Small,  ditto  May 24, 1941  near 8663
   ditto

8667  Carya alba (Mill.) Small,  ditto  May 24, 1941  near 8666
   ditto

8668  Plantago major L.  ditto
   (1) Near 8666  Fruit succulent, with splitting half
   way to the base of fruit.

8669  Rubus fruticosus-Bigel.  ditto
   (1) In old field with 8671  Sandbar.  Ditto

8670  Rubus arcticus Lindl.  ditto
   (1) In old field with 8671  Sandbar.  Ditto

8671  Malus prunifolia Mill  ditto
   (1) In old field with 8671  Sandbar.  Ditto

8672  Crataegus monogyna  Mill.  ditto
   (1) Near 8671  (in fruit) green.
Crataegus prunosa (Prug. Bruggm.)

June 13, 1881

8673

Sedum inae.leata L.

May 25, 1901

8674

Dianthus glama Muhl.

8681

8675

Celtis occidentalis var. atrataeflora

along fence near x 8674

8676

Vitis vulpina L.

8685

8677

Malus

8695

8678

Celtis occidentalis var. amnitrifolia

along fence near near x 8675

8679

Stipandra graminoides Schrader

8686

8688

Dianthus glama Muhl.

8680

Dianthus glama Muhl.

8682

Dianthus glama Muhl.

8683

8684

Consolidae

8689

8685

Leptogium virgatum L.

1) In old, dry field near x 8682

8686

Dianthus californicum Tausch.

1) In casteljau's field below his house with x 8681.
8688 Vitis vulpina L.
(3) in lane leading near White Rocks from road near town (dito)

8689 Populus deltoides Michx.
near White Rocks, where several trees found (dito)

8690 Nyssa sylvatica var. candicans (Poir.) (3) near X 8689
trunk broken, can nicely be seen, all from same tree (dito)

8691 Nandina domestica var. tangutica R. Br. (2)
on ledges east from White Rocks, just in place, from same old X 8616

8692 Carex sp. (dito)

8693 Carex divulsa (dito)

8694 Carex normalis Muhl. Bull Run, Va
in meadow near 8679

8695 Cerastium tomentosum L.

8696 Vitis labrusca L.

8697 Veronica officinalis L.

8698 Physocarpus malvaceus (D. Don) Baker
in Jackson Hollow by roadside (dito)
damp soil near Harris' garage in X 628 (full bloom; very showy)

8699 on ledges east of White Rocks (dito)
the yellow spiklet like veronica
infrequent, just in flower

8700 Ranunculus undulatus L. Michx.

8701 North of Owens on X 628 in dry woods.
Veronica from Bull Run Mt., VA on old field but not near from Tranquier Co.
8701 May 25, 1941
8702 Acalypria sylviana L.
8703 Primus arvensis L. 1st June, from high pasture ridge S.W. of Hatwell.
8704 Lygodesmia sessiliflora var. littoralis
8705 Stellaria graminea L. in meadow near # 8704
8706 Nymphaea sylvestris var. minor L. 2nd June, break easily when
8707 Bassariscus
8708 Some now sticky. H.A. Alland at old station near. 8663 May 25. 1941
8709 Carex multimuriata var. mexicana (ditto)
8710 Carex yuwamacki Mack. in old field, east of roast.
8711 Gopsock liicensch sp. in old field near 601 N.W.
8712 Carex tuschii Mack. faniform root and roots of white rock (west of high bluffs of Needam side).
8713 On stream logs and stumps.
8714 Bison beyond dam or where fisher dam is.
Cladonia
on old spruce log near 8715

8716 with X8715 on old log & stumps ditto

8717 Cladonia
11 with X8715 on old spruce log & stump ditto

8718 Cladonia
11 with X8715 on old spruce log & stump ditto

8719 Rhododendron maximum
11 with X8719

8720 Vaccinium sect. mansonia
11 with X8719

8721 Viola
(3) with X8719

8722 Very abundant.

8723 Osmorhiza longifolia with X8719

8724 Osmorhiza
1) with X8719

8725 Viola
1) (blue) lateral flowered

8726 Rhododendron maximum
11 with X8719

8727 Tenga canadensis
11 with X8719

8728 Alnus fruticosa var. betulae
11 with X8719
Care aquilina, Canaan Valley, W.Va.

8729 Care aquilina tent on stream, east of Davis, W.Va. May 30, 1941

8730 Care aquilina cress, Ridge. ditto

8731 Poa avenacea ditto

8732 Care secta in mud ge Valley, ditto

8733 Care pleuronessa Fern. with # 8730; frequent. collected by H.A. A. from here, *6895 ditto

8734 Care aquilina cress, Ridge with # 8730; frequent. ditto

8735 Care folliculata L. with # 8730; frequent. immature.

Care pleuronessa, Canaan Valley, W.Va. May 30, 1941

8737 Veronica ditto

8738 Veronica ditto

8739 Smith (Potamogeton) ditto

8740 Alaburus for climbing labels. etc. ditto

8741 Care secta in mud ge Valley, ditto

8742 Millin ditto

8743 Pea water and mud. Resort to reason; notes: 1. full Bloom.
8743 \[ \text{Baccharis sericophylla} \] on stream of River, Va., 9 miles east of Danesville, near farms. May 31, 1941. H.A. Allard.


8745 \[ \text{Aglaia calycantha} \] near \# 8744, on hillside here; very strong, full bloom. May 30, 1941. H.A. Allard.

8746 \[ \text{Veronica} \] on steep embankment by road. \# 1 mile beyond \# 8745.


8748 \[ \text{Veronica} \] on U.S. route 50 between Romney, W.Va., and Winchester, Va., 20 miles beyond Romney, Hampshire Co., June 1, 1941. H.A. Allard.

8749 \[ \text{Pentstemon} \] on shale banks. Along \# 220, very abundant, short.

8750 \[ \text{Pentstemon} \] on shale banks. Very abundant, short.

8751 \[ \text{Pentstemon} \] near Moonfield, W.Va. June 1, 1941. H.A. Allard.

8752 \[ \text{Pomum linearifolium} \] with \# 8751.

8753 \[ \text{Oxalis} \] on shale banks half way between Moonfield and Romney, W.Va., on \# 220.

8754 \[ \text{Pentstemon} \] on high road near Petersburg on highway leaving \# 32 1/2 miles from Petersburg on highway, June 1, 1941. H.A. Allard.

8755 \[ \text{Pentstemon} \] with \# 8764.

8756 \[ \text{Gleditsia virginica} \] on shale near \# 8754.
Carp goona wild.

On slopes on mountain road to Petersburg leading off #32. 11 miles.
8757 Helen Alice Va. Handy Co.
June 1, 1941. H.A. Alland

8758 Canaan Valley Beemangla
Tucker Co.
9 miles east of Danie and 1/2 mile Helen Beaver dam.
May 31, 1941.

8759 N.A. Alland one a grass. here.
June 1, 1941.

8760 Newburg americana L. var. rhizica
Humphreys Co.

8761 Pappus

8762 Rhinostrocoma act.

8763 Samicula trifoliata

30'1' 12 miles. 12 foot mud high. 12 sand bank: fragrant.

8764 Lupina, in open thickets. western Mt. Va.
abundant. 1/3 mile. June 6, 1941.

8765 Oxalis with #8764. ditto
2nd sandbank into 1/3

8766 Nasturtia

8767 Papus

8768 Oxalis

8769 Anagallis arvensis L.

8770 Arabis canadensis L.

---
July 21, 1940. To Bull Run Rts. Va. following valley road west of Naturel}

Tage Castles to Ridley’s Spring; then high up west slope through woods
to High Point cliff, and back to

road via Bull Run and sporting
car via Broad Run and sporting

car via Broad Run and sporting.

Temp. rain 97°. Walked about 6 1/2 miles
by odometer. Went with Miss

Wagner, Miss Antoinette Ketten

and Mr. Rounding.

Aug. 3, 1940. To Shant Mt. with about

hikers, including an addition of a

High school boy.

Walked up shale benches to top; beyond and return - 2 1/2 miles
by odometer.


To follow my incline and Broad Run to

Broad Run Stairs, then my slope to Ridge

and south to sporting. Walking walked 2 1/2

miles by odometer.

Aug. 25, 1940. To Bull Run Rts. with P.

Walked up to wide road, in 5 miles east of

valley road, theme to High Point and

return along trail from High Point

to Mill. Walked 4 miles by odometer.

\[ 5 3 + 3 \]
Sept. 1, 1940. To Naper Hall, D.C. area. Bull Run Mt., Va., with Plant. Walked along interior valley of the Antes from Naper Hall. Left the road north to round up north pastures and colored stands. Bred theme next to east slope to Tuff. Reassembled main south to starting of ridge and south to starting of ridge on south. Reassembled data in same common on June 29. Distance walked = 3 miles by Kilometer.

Sept. 2, 1940. To Blackburn's Mill near foot of Poughkeepsie, Mass. Pleasant woodstock, Va., see Massachusettes' woodstock. Mt. Guild how to Elliott Mt., then drove to Elliott Mt., then drove to Summit - with Mr. Jordan of Entomology and Mr. Jordan. Covered 30 miles on entire walk.

Sept. 8, 1940. To Bull Run again. Reassembled data near fence. Walked with Martin of June, walking with Mr. Bower of June, Bowerly down Broad Run from Bowerly Mill as far as large cedars' Mill 2 miles down stream. Theme 2 miles down stream. Reassembled data near fence. Distance by Kilometer = 3 miles.

Sept. 15, 1940. To Bull Run Mt. with Plant. Walked from Naper Hall (Orca). In next blue. To Jones' Camp then to White Rock, on to Harris Place and camped. Walked 1 mile north to Onoma. Distance by Kilometer = 1.5 miles.
sft 21, 1940, to Woodstock, via Parsons and Dunton to S. Sct 22, 1940 walked from front of Pulpit Rock east to St. Joseph Shale Banks. From S. I. to Duff's, then to south end of my area. Then west and out into middle way of middle avenue. The road slides to the bottom of the Barrens. Beyond Mr. Boyce's, then to ford on Bayeux. Turn east along the standard road. Walked 1/2 miles by odometer. Stopped and walked again. A second run has it increased by a separate run, the result of which is registered at Woodstock in a total charge of 15 cents. Afternoon of the 24th I needed that be taken 25 cents (at least).  

Sept. 21, 1940, to Woodstock, via Parsons and Dunton to S. Sct 22, 1940 walked from front of Pulpit Rock east to St. Joseph Shale Banks. From S. I. to Duff's, then west and out into middle way of middle avenue. The road slides to the bottom of the Barrens. Beyond Mr. Boyce's, then to ford on Bayeux. Turn east along the standard road. Walked 1/2 miles by odometer. Stopped and walked again. A second run has it increased by a separate run, the result of which is registered at Woodstock in a total charge of 15 cents. Afternoon of the 24th I needed that be taken 25 cents (at least).  

Oct. 6, 1940, to Bull Run, walking from Cassel's to next bank of H. P. Point of the Run, south end of Woodstock in Massanutten. Oct. 7, walked 3.2 miles by odometer.  

Oct. 10, 1940, to Swift and the Dreff, in Massanutten, with B. B. Munro, walked 3 1/2 miles by odometer.
October 12, 1940. To Smith end of Short Mnt., Massanetum range, Va. with A. H. Swann and wife. left to walk from end of road, reached 3 1/2 miles by pedometer.

October 13, 1940. To Neffell Boy with Potter, daughter walking to reach navajo point. reached 3 1/2 miles by pedometer. Very long from petrified forest, Mts. nrnd by pedometer. Very long.

Nov. 3, 1940. To Neffell Bay with W. walking past Castle's and Potter's springs, to the base areas. Theme to High Point clifte and return 1 1/2 miles by pedometer.

Nov. 10, 1940. To Bull Run, August 21, 1940, climbing this from Camp Todd. reached 6 miles by pedometer.

Nov. 12. Climbed south end of Third Mnt. gales. walked 1 1/2 miles.

Nov. 17, 1940. To Neffell Boy with T. walked to base area theme to high point and return walked 3 1/2 miles by pedometer.

Nov. 21, 1940. Clear. walked to Bull Run int. with T. walked from Castle's at Neffell Boy s side of Omens down valley road to Mrs. Harriss' marquette rd. theme to cable theme and south to thru. Cable theme and south to thru. walked 3 1/2 miles by pedometer. walked back to home.

Nov. 23, 1940. Theme to Bull Run int. thru. walked 3 1/2 miles by pedometer. walked back to camp theme to Bull Run int. thru. walked 3 1/2 miles by pedometer. theme to Bull Run int. thru. walked 3 1/2 miles by pedometer. theme to Bull Run int. thru. walked 3 1/2 miles by pedometer. theme to Bull Run int. thru. walked 3 1/2 miles by pedometer.
December 29, 1940. To Bull Run with T. Spent day walking the river, walked from Colette's house to wood near B valley to Chesterfield. Trudging through ridge of Post Road, walked 3 miles by footmeter.

January 1, 1941. Took same walk with T. on Dec. 22, 1940. Walked 3 1/2 miles by footmeter.

January 5, 1941. To High Point. Tracked off 1 1/2 miles of wood with T. Carried lunch in a pack including 10 lbs. of meat. A light frost at moon 2:47 p.m. Bias 26° briskly 11:18 A.M.

January 12, 1941. Took same trail as Jan. 2. Through fire, fire and High Point. Walked 3 miles. 9 lbs. of meat on pack. High Point with 4 lbs. of meat. Walked 1/2 mile by footmeter.

January 19, 1941. Took same trail as Jan. 5. Cold, clear day. Very windy. Walked 4 1/2 miles by footmeter. Rained 30 lbs. of meat with lichens. Had ice storm a few days ago.

January 26, 1941. To High Point cliffs on.

Feb. 2, 1941. Took High Point cliffs.

Feb. 9, 1941. To Harrie ridge N of.

Feb. 22, 1941. To High Point.

March 23, 1941. To Bull Run with T.
March 30, 1941, To Hefenell 4 of m. with k.
Parked between Owens & Castello properties.
Walked past Riley cabin now owned by
Mrs. & Mrs. H. of Keapandia, 116 acres of land
including high knoll of ridge. Collected
rock ticks on ridge east of High Point.
W. side, walked 3.4 miles by odometer.

April 6, 1941, To Hefenell 4 of m. with k.
Walked up trail to High Point Cliffs. There
Negro Schoell 2 miles long
by odometer. Light 3/4 mile in afternoon.

April 13, 1941, To Hefenell 4 of m. with k.
Parked between Owens & Castello properties.
Walked down road to forest land near end of ridge.
Then to west of clumps tree spring, mistletoe,
then up the ridge ad along its west
Harris quarry. Theory dun wood way
to a point near Ashley's farm near
eroded wood near ald across the
ridge west of chestnut tree spring
to car, walked 6.34 miles. 12 a.m.
T. Found small o.s. Collected
Cucumis in this ridge.

April 20, 1941, To the aereonatic tower
on Bull Run Mt. 6 minutes N. of Hefenell.
W. walked to top, a distance
of about 3/4 mile from highway, walked
about 2 miles in total. Tented at
top shade at 9 a.m. T. official 940

May 25, 1941, To Bull Run Mt. with k.
Parked at Castello -ie junction of
601 N. 628; walked next to high road
W. of Hefenell - Broad Run Highway
W. to Monticello, then N. E.
to point next of White Rocks, then
White Rocks. To Harris quarry and
on 628 to car, a distance of 9.3
4 miles by odometer. Found several acres
of Pseudalis deltoides near White
Rocks, see x 38649.

May 29, 1941, Leave for Canaan Valley,
W. Va.; take car on Maryland Ave
at 6:40. Start round in New Century Hotel
Romney, drive 3 times. Stay 30.
Romey to manga, 3 times. Walks from manga
11 A.M. with 50 lbs. pack along old
lumber railroad led to beach of sandy
8.9 miles east of manga. I pitched
8 tent, a.m. at 4 p.m. 103 tent, a.m. at 4 p.m.
May 30, camp at ground near manga May 31, with 50 lbs.

Porcelli Trail Valley road.
April 13. 1941. To Arrive. Run at 6:29 a.m. from St. Louis. 9, depart 9:45 p.m.

River levels from St. Louis to New Orleans. 9, depart 9:45 a.m. from St. Louis. 9, depart 9:45 p.m.

April 12, 1941. To Arrive. Run at 9:45 a.m. 9, depart 6:29 a.m. from St. Louis. 9, depart 9:45 p.m.

River levels from St. Louis to New Orleans. 9, depart 9:45 a.m. from St. Louis. 9, depart 9:45 p.m.

The river plan 9, depart 9:45 a.m. 9, depart 9:45 p.m.

The river plan 9, depart 9:45 a.m. 9, depart 9:45 p.m.

The river plan 9, depart 9:45 a.m. 9, depart 9:45 p.m.

The river plan 9, depart 9:45 a.m. 9, depart 9:45 p.m.

The river plan 9, depart 9:45 a.m. 9, depart 9:45 p.m.

The river plan 9, depart 9:45 a.m. 9, depart 9:45 p.m.