5901  Heavenlyblue Towloose  
Flower white, small cedar glade.  
1.5 miles east of Cleveland, on U.S.  
64, Bradley Co., Tenn. March 31, 57  
\[ n = 15 \]

5902  Bear's Igens  
Flowers light to dark blue, 1 white, the  
soil over limestone, cedar floor.  
4 miles east of Halifax, near  
northeastern Rutherford County  
March 31st  
\[ n = 15 \]

5903  Bear's Lupine  
Flowers white, as 5902

5904  Heavenlyblue Rollin  
Flower white with red tips.  
Flower plain 2 East Fork of Smoky  
River, 1 mile southwest of Ramey,  
northeastern Rutherford Co.  
March 31st
Kentucky

May 5

Less influence

50 white

Small cedar glade

5\% blackberry, dogwood

Kentucky
April 1, 19__

5906

been topless

From light lavender to 2'1/2' purple-pink, nearly white on underside.

F39° Cedar glade match

12 miles north of U.S. 48 on state route 1083, Warren County, Kentucky

April 1__

N = 15

Hypericum Sante goat, size 3.12

at same site

5907

Tennessee

barrenella brown

F36' yellow

1 mile west of Hermitage

US 70N

Davidson Co., Tenn.

April 2, 19__
5908  near, Tullahoma
Fla. light lavender, abundant on
thin soil over limestone, Silver
Springs, near U.S. Rr. 11, 12 miles
west of Lebanon,
Wilson County, Tenn. April 2

n = 15

5910  near, Shelby
Fla. yellow with orange center,
abundant near Ten. highway 26,
3 miles southeast of Lebanon,
Wilson County. April 2

n = 15

5911  near, Tullahoma
petals light lavender to nearly white, 5 in
for 5, shallow soil over limestone
on the northwest side of Watertown,
Wilson County. April 2

n = 15
5912  Bear, Tomlins
Fls. light lavender, yellow center; thin soil over limestone, near small stream; 2 miles south of Norene, Wilson County, Tenn. April 20, 1930.
N = 15

5913  Bear, Stylosa
Fls. nearly white to lavender, with yellow center; thin soil over limestone, cedar glade, 3 mi. west of Norene, Wilson County, Tenn. - April 20

5914  Bear, stylosa
Fls. white, cedar & hickory State Park near junction of U.S. 231 and entrance to park on the east. Wilson Co. as 5913
7 miles south of Lebanon

Sight record of Bear, Stylosa about equal yellow and lavender to nearly white.
5915  Dear, Homeboy,

Fls. bright lavender, abundant in wet
shallow soil near small stream, cedar
shade, 3 miles west of U.S. Highway 231,
about 10 miles southwest of Lebanon,
Wilson Co., April 2

5916  Dear, Homeboy,

Fls. yellow, red field, near Little
Harpeth River, U.S. 31 between
Nashville and Franklin, 8 miles
north of Franklin, Williamson
County, 7 miles - April 3
5-9-17  Dear. Wiffla
Fla white abundant
2 miles north of Ralb, Nill on
U.S. 431, Maury County, Tenn.
april 3

5-9-18  Dear. tomsen
Fla. light lavender, abundant
2 miles north of Ralby Hill on
U.S. 431, Maury County
april 3
Fla. odoriferous

5-9-19  Dear. Elizga
Fla, nearly white with
center, with hark to moos
Cedar Grade, 6 1/2 3/4 1 mile
North with Ralby Hill
Maury County, April 3

N. tomlen and N. wiffla hill
at above side.
5920
bear, tomlona
Fls. White to deep lavender with varying
amount of yellow in center, thin soil
over limestone, Rally Hill. U.S. 431,
Marion County, April 3

Fls. Size quite variable - some with
white + yelow, a rather large, yellow middle
portion, a few deep lavender
light lavender in tide.

5921
bear, tomlona
Fls. nearly white, deep lavender and a few
yellow with yellow center
near creek, 7 miles north of,
beavising, 9-7-43, Marshall
County.

5922
bear, tomlona
Fls. light lavender, thin soil
limestone, 5 miles north of,
beavising on US 431, Marshall
Co. Town. Apr. 3
Alabama

5923

F ratio white to light lavender with yellow center or yellow with orange center, in about equal number. Thin soil over limestone, 1 mile west of Mckendry, Morgan County, Ala., April 4, '59.

* About equal on [right] north side. Of soil, light lavender to white in great majority on north side.

5924

Heterocella demersalis

Film yellow, abundant, in old thistle near edge of field, 2 miles east of Mckendry between Foothills and Gallinella, Morgan County, Ala., April 4, \( n = 8 \).

5925

F ratio white to light lavender 1:1, almost white: yellow about equal - and field as 5924

\( n = 11 \)

Numerous lighter - to show median yellow \( y \) white.
**Alabama var. brevifolia**

5926  Bear, Ala I

Flora white with yellow or red; yellow with orange center.
Abundant around hickory place in field;
cedar glades situation, 3 miles west
of Falkner on Alabama St. 55,
Morgan Co. — April 4

* N = 11 — det. by Solbrig.

5927  Bear, Ala II

Flora all yellow, 3 miles southeast
of Mckendry, Morgan Co., April 4

5928  Bear, unfiled

Flora white — as 5927
5-929  

beer ala I

Fls. light lavender, abundant on thin soil over limestone,

3 miles southwest of Mounton, 

barn county 

april 5

N = 11

irregular

5-930

beer ala II

Fls. yellow, slug & palose; northside 0.3 mile north of Speake, Lawrence co., also april 5

N = 9 selling

5-931

beer ala II

Fls. white with a yellow center, wet spot in field near cedar glade, 

2.5 miles west of Danielle

Lawrence co., also

N = 11
5932  Lea, Ada 2
Fls. white in light green. No yellow. 5 miles west of Fosterville.
State 55, Morgan Co., Ala. April 5
N = 11

5932 is on south side of highway. Not more than 1/4 of a mile west of the population center. By Ken Chambers.
11

5933  hawazina
April 15
5934 June 2\%snoe in later

Flo yellow, nilique flat. 1/2 mile north of McCalli, Jefferson Co. Ala.

April 3

This hill 1000-1000

Pasture land 1
With D. S. Cornell
Texas

5935 Lasagnerella scondicii (Chap) Wats. 6
Sandy clay soil, SucculentOfficium, stipitate.
2 miles west of Comanche, Comanche County, April 17, 67.

5936 Lasagnerella lemiflora (Chap) S. Wats. 11
Fls. yellow, buds angular, winter annual; tiny living chip - rock.
Texas no. 42, 11 miles southwest of Brady, McCulloch Co., April 17, 67.

5937 Lasagna renata (Wats) Small 6
Fls. yellow, perennial, tend to present in interior of culms, Blake and Edward.
Planted, 19 miles south of Junction, Kinney Co., Tex, April 18, 67.
N = 6

5938 Lasagna recurvata (Engel.) S. Wats. 6
Fls. yellow, slender, numerous, globular, no. 5935 accompanying.
Texas with Cornell

5939  Hapetia lanicata (Nutt. var. merriamii (Thall.) C. B. Hitch.)
  Very tiny, brown, achenes white, glabrous, 19 on cone
  north of Twin Lake, 5/2 30
  April 15, 29

5940  Nasturtium †hinnale R. Br.
  Fls. white, spring, headwaters of
  Rio Frio, Prade, Paredes R.,
  Real County, 4/2

5941  Deso acrantiode., (Engelm.) S. Watts
  Fls. yellow, slender, 1 spike
  Lower Pecos, 4/2 5940

5942  Lasa. engyrea (Gray) S. Watts
  Fls. yellow, perennial, glandular
  Globous, petals as wide depression, 1 mile
  north of Uharte, Uharte Co.

n = 9
Texas

5943  Nemacygnium cymosum (May) 3  
Flax white, perennial, 42 mile north of Laredo near US. Highway 83, Webb Co., Tex.  April 18  59

5944  Lasiocarpa angustifolia (May) 8  
Stems easily shed; pedicels sagittate; siliquee arcuate; as  5943

u = 8  det. O. T. Selbing

5945  Lasiocarpa  
Siliquae inflated, conical to rounded, calyx spreading; pedicels recurved, flo. yellow;  
marine, 5 miles south of Laredo, Webb Co., Tex.  April 19, 59
Texas

5946
lesquerella anguinea (Bray) Wats.
prostrate, fol. yellow, pedicels
secondary, silique of these
Lesq. locating a
Esch. yellow, short clow, silique
slightly compressed contrary to
sages at 5946.

5947

5948
Syn施行sia 'Draggii Bray
Fls. white, ste. - dec. bent, immersed,
up to 3 ft. across, sandy soil,
25 miles south of Laredo,
Zapata County, April 19.

5949
lesquerella thamnophila Bottn. & Shaw
Fls. yellow, very short clow, pedicels
rounded, silique of these
sagraging in shrubs, 3 miles
southeast of Zapata, Zapata Co., Tex., April 19.
new U.S. 99
windy still.
Texas

5950

*Texas

Larag Lasiocarpa (Hook. & Arn.) Wats. 7

Fls. yellow, claws very short, petals widely spreading; stigmas connivent
contrary to position; some plants with
hinate plum skelate trichomes, some plants
with only normal trichomes
pedicels recurved; clumps decumbent.
roadside, 6 miles southeast
Brownsville, Cameron County
April 20, 57
n = 7

5951

Lindheimeria (Dray) Wats.

Ageratina gracei (Hook.) S. Wats.

Fls. yellow, stigmas globose, erect
or nearly so; pedicels sigmoid; weak
decumbent clumps
black soil g. savatal prairies,
7 miles southeast of 18 1
Cameron Co., Tex. April 20
n = 7? n = 6

5952

Lepidium lasiocarpum Nutt.

var. oenotherale (Thell.) C. W. Hitch

Vingately branched - Clay Knob
7 miles west of Brownsville
as above.
5953
Sisymbrium shimerzii M.C. Johnston
Fls. white, pedicels at right angles, silique unimature, spreading, under trees or pith in Mimosa, 6 miles northeast of Olmito, northeast edge of Russelltown, Cameron County, Tex. - April 20

5954
Sisymbrium shimerzii M.C. Johnston
Fls. white, a. cl., in heavy clay soil, near the river, 2 miles northwest of Russelltown, near San Benito, Cameron Co., Tex. - April 20

5955
Luzog, Passiaca (Hcke) Watr. 1
von Berlandier (Army) Vegas
heavy soil, Saguaro, Maricopa
Wild life rd., east of Rio Honda, Cameron Co., Apr.
5956  Swagnardia shinemuri M.C.Johnston
The wild, **we** near
aroys Colorado, just south
of Harlingen, Cameron Co. Tex.
April 21.

5957  berg spathacantha (Hook.) Watts.
sted dca red, 5 lbs. yellow,
roadside, weedy; 2 miles
east of Harlingen, Cameron Co.
Texas.
April 21.

5958  besq. gaskellia (Hook.) Watts.
Figs. yellow, stems drooping;
glaicis sigmoid; 4 miles east
of Harlingen, Cameron Co. Tex.
April 21.
5959  beae. laxiocarpa (Hook.) S. Wats. ③
Fls. yellow, silicles compressed
contrary to published; pedicels
recurrved, midrib indiscernible. 7 miles
northwest of Harlingen, Cameron
Co., Tex. April 21
N = 5?

5960  beae. laxiocarpa (Hook.) S. Wats. ②
Fls. yellow, silicles compressed parallel
to partition; pedicels recurved
northwest, 1 mile east, 1 mile south
of Sabaculn, Cameron Co., Tex.
April 21

5961  beae. laxiocarpa (Hook.) S. Wats. ③
Fls. yellow, silicles oblanceolate, pedicel
sigmoid, st. = 1.3, 1.4
sandy soil, 4 miles south
of Armstrong, Kennedy Co.
April 21

N = 7
Texas

5962
Leqg. Lasiorhyncha (Holle) S. Wats.
Fls. yellow, silvery compressed
contrary to specimen, pellicle removed,
New Hargrave, Gulf Coast
2 miles south of Kingsville,
Kleberg Co., Texas
April 21

5963
Calico lanceolata (Willd.) O. E. Schulz
Fls. very faintly lavender, nearly
white, near beach, Port Aransas,
Nueces Co., Tex., April 22
Flowering material = C. lanceolata
subsp. pseudoconstricta Rodman
fruits = C. geniculata

5964
Calico lanceolata (Willd.) O. E. Schulz
near beach, abundant, fls. light
purple, lightly branded
Fulton Beach, Aransas Co.,
Tex., April 22, '59
n = 9
C. lanceolata
subsp. pseudoconstricta Rodman
Text with Cornell

5965. large, grand flows.
Flo over, powders, daughters, schions, phorons, pointen down, drakon.
Sandy and near the Brazos River.
3 miles north of Wallis.
Austin 6, Tex.
April 22.
n = 9

5966. large, grand flows (Hone, Uets.
Flo yellow.
Sandy and near the Brazos River.
Near San Felipe, Arnhem 2.
April 22.

5967. large, large flows (Dany) with
Flo over, schions, phorons, sandstone ledges, 3/4 miles.
Both 184 Anderson, Briven.
Co, Tex.
April 23.
Lesq. grandis (Hook.) Wats.
Fls. yellow, silvery globose, globosum within, pedicles widely spreading, nearly erect, sandy loam roadside, 2.5 miles south of Beaum, Deon Co., mid-1969.
Tek. April 23

Lesq. grandis (Hook.) Wats.
Fls. yellow, broad clusters erect, black-

land Prarie, NE. mile north of

April 23

with Cornell

Ferris, Ellis Co., Tek.
April 23

with Cornell
Oklahoma

5970
ler. gracilis (Hook.) Wats. [10]
Flos. yellow, pedicels about 1 inch, spreading, silique erect, panuniform, sandy soil, 1 mile west of Caddo Creek, 4 miles west of Bokchito, Bryan County, Okla.
april 24

land-clade erect.

n = 6

5971
ler. angularis Nutt. [8]
Flos. yellow, pedicels wide, spreading, silique erect, globose, land-clade erect, northside, 5 miles east of Hugo, Choctaw Co., Okla.
april 24

n = 5

5972
ler. amnac
Flos. yellow, wet soil, near limestone, near Rock Creek, 9 miles east of Hugo, Choctaw Co., Okla.
april 24
Oklahoma

5973
near aurea
Flo light yellow, thin soil over limestone.
McCurtain Co., Okla. April 24

5974
near aurea
abundant in thin soil over limestone.
McCurtain Co., Okla. April 24

5.975
besc. remorcula (Engel.) Hemsley
Silique globosa, Flo yellow, long ridg.
5 picture near Limestone admin. opn.
2 miles south of Chouteau, Mayors
Co., Okla. April 26

5976
Draba trachynamum Nutt
abundant, as 5975.
5977  Selena canna Nutt.  
F1. yellow, Sandy loam, near U.S. 69,  
2 miles south of Adair, Mayes Co.,  
Oklahoma. Captive 7 1/2.
Alabama

5978  Heavenworthia  Ala. I  4
Flo. white to very pale lavender on outer side of petals, yellow center,
cedar glade, 5 miles east of Russellville, Franklin County,
april 28

5979  Hypericum
Short up to 4 ft. high, cedar glade,
1 mile north of Cherry Hill Crossing,
about 8 miles east of Russellville,
Franklin Co.  Ala  April 23

5980  Heavenworthia  Alabamiana  Ala I  10
Petal white above, light lavender below,
abundant in cedar glade, as 5979
Alabama

5981  p. squarrella Hypnata Rollins
F1s yellow, siliques globose to depressed
globose, open pubescence, cedal
seed area, 1/4 mile north of
Henry Hill brother, about 2 miles
east of Russellville, Franklin co.
april 28th

5982  beev. villosa
Fls white, thin and over the cedal
seed area, 1.5 miles west
of Wester Lawrence Co. Ala.
april 28th

5983  beavermouthia crenata  Ala. II.
Fls white to light pink, adnate
fertile, thick, in 3's, slightly beyn over
seed, field 1/4 mile west of
Russellville, Morgan Co.
april 28th
leavenworthia albomarginata var. luckeyi
This white to light lavender, wet place
in field, near Alabama state 55. 3
miles west of Fultondale, Morgan Co.
april 29
Some place as no. 5926

5985
leavenworthia crassa Rollins var. elongata Rollins
few plants in same field as 5984

leavenworthia crassa Rollins
old corn field, Ala. state 55.
5 miles west of Fultondale,
Morgan County. april 29

5987
leavenworthia decipiens
as 5986

This is the same place ken
thompson collected a
Alabama

5988  Astragalus tennesseensis Gray
Fls. ochroleucus, perennial from a
deep root, stems annual to an
diameter or more, cedar glades
1 mile northeast of Millendo,
Morgan Co., April 29

5989  Beaverclothia cassata  Alse & H
Fls. white or yellow, natural continent
cedar glade around creek
as 5988
   April 29

5990  Beaverworthia abalenoides  Alse & H
Old field, 5 miles north of
Falkville, Morgan Co.
   April 29

   Same locality as 5932
5991. L. canescens. Crossed old route roadside, 1 mile east of 10th Line, Ala. Plate 5, about 1/2 mile from MD-271, on opposite side of cedar glade, Morgan Co., April 29.
The same locality as 59331.

5992. L. canescens. [Map] Ala. II.
Cedar glade, 1/4 mile southeast of Bunker Hill, Lawrence Co., Ala., April 30.


5994. L. canescens. Crossed road near Lawrenceville.
597.  New exiqua var. linnaea
  western edge 5 Balsam in
  race last 1860.
  same as no. 59337

5996.  New exiqua
  Fls. white with greenish yellow center,
  petals with steep, cedars nearby.
  11 miles north of Dufayette, Walker
  Co., Georgia, May 1, 1959

5997.  New exiqua
  Cedar glades, each on edge of
  Chickasawga National Wild
  Forest,
Tennessee

5901 beaver, plains
1 locus
small cedar glade, 1.5 miles east
of Riceville, on U.S. 64, Bradley Co.
May 1, 45
[same location as 5901]

5909 beaver, plains
roadside detrital flood area
route 1 mile east of El Bethel, 3/4 miles
northeast of Shelbyville.

May 2

59100 beaver, plains
wet prairie, cedars glade area,
1 mile southeast of El Bethel, about
4 miles northeast of Shelbyville,
Cheatham County, Tenn.
May 2

59101 beaver, plains
Tamboca
as 59100
59102  Bear, stylosa  
Low area in pasture near U.S. 41A, 3 miles south of Unionville, Bedford County, Tenn.  
May 2

59103  Bear, stylosa  
As 59102

59104  Bear, stylosa  
Flax-yellow, pilucae thick and fleshy, pasture near Conoverville, 1.5 miles east of U.S. 70S, about 3 miles northwest of Hermitage, Davidson County, Tenn.  
May 3
1949

Dear Sylvia,

Fls mostly yellow, sickly, pasture near Hurricane Creek, just inside Davidson County, ca. 3 miles east of Haw river, May 3.

1950

5/7/26

Dear Tomlisa,

as at 37-5 in wettest habitats

May 6.

Dear, put cede place near the north 3 miles on road on highway W 285, Ruth, N. C. May 8.

many plants with white flowers but some seem to be trach on possibly two leaf lines, possibility of hybrid with populations toward Silphion appear to be a hybrid with Magnolia.
4/87 Leave the store
parade in front of labor, 3 miles
until west of Eugene on road to
Halpah Hill, March 19, marched to
forest headquarters.

3/11/3 hear from
march with 9/12

3/11/5 hear glitch
paris, 1.5 miles north
with my friend, chicken.

1st 4 and 5 with 5th 6th and 7th
7/18
Dear John,
4 miles on the east of town.
June 18, 1864.

May 17, 1864
Dear Mr. John,
I am here to study the weather.

May 15, 1864
[Note: The text is not fully legible.]

May 5, 1864
59119 brsg. deunripila
Seed 1/4 mile south of Kirkland, only near Harpeth River, Ten.
      May, 1959

59120 brsg. stonensis
Seed 1 mile southwest of Baccaser, Rutherford Co., Ten.
      May 5, 1959
same location as 5-904

5-9121 brsg. perforata
near Lebanon, Wilson Co., Ten.
May 5, 1959