

Groth, Benno Humbert-Alfred.

Data for the
Groth Texas Collection,

J. M. Greenman

June - Aug. 1903. :

LIBRARY OF THE GRAY HERBARIUM
HARVARD UNIVERSITY.
THE GIFT OF

June 26
1903

No 1.

Fruiting Specimen.

Bush, 5-8 ft., spreading. very sour
Berries scarlet, sticky, (with a
whitish secretion on the outside
after a rain). Wood of disagreeable
odor when cut. Limestone
hill, Mr. Wheeler's farm, (near
Bracken), Bexar Co., Texas.
Coll. B. H. A. Grosh.

June 26,
1903

No 2

Flowers and fruit, (Horsemint)
^{calycate} 3ft high. Flowers purplish-
pink to white, not spotted.

Monarda?

Limestone hill, Mr. Wheeler's
farm, near Bracken, (Bexar
Co) Texas

A good Honey-plant,
also used as medicine.

Coll. B. H. A. Groth.

June 26,
1903

No 3

Flowering specimen. Limestone Hill

Parasitic vine (Dodder?)

Stem yellowish, flowers
white, sweet-scented.

Mr. Wheelerfield, Bracken, Bexar Co, Texas.

Coll. B. H. A. Groth.

June 26, 1903

No 4

Flowers and fruit.

Composite, Rays yellow, disks brown.

$1\frac{1}{2}$ ft high, erect. Limestone hill,
Mr. Wheeler's field, Bracken, Bexar Co,
Texas.

Coll. B. H. A. Groth.

June 26, 1903

No 5

Flowers and fruit,

Labiata, fl. purplish-pink,
white-spotted in throat.
Limestone hill, Mr Wheeler's
farm, Bracken, Bexar Co, Texas,
1 1/2 ft. erect.

Coll. B. H. A. Groth.

June 26, 1903

No 6.

Flowers and fruit.

Labiata, corolla blue, white
in throat. $1\frac{1}{2}$ ft. +

Limestone hill, Mr. Theodor
farm. Brailey, Bear Co, Texas.
Somewhat spreading.

Coll. B. H. A. Groth,

June 26,
1903

No. 7.

Flowers and fruit.

Labiatae, corolla blue,
lower lip partly white.

Ht. Somewhat spreading.

Limestone hill, Mr. Wheeler's
farm, Bracken, Bexar Co., Texas.

Coll. B. H. A. Groth.

June 26,
1903.

No 8

Flowers and fruit.

Labiata, corolla bluish-purple.

1 ft. Somewhat spreading

Limestone hill, Mr. Wheeler's

farm, Bracken, Bexar Co. Texas.

Coll. B. H. A. Groth.

June 26, 1903

No 9

Flowers and fruit.

Corolla pink.

9 in. erect. Limestone hill,
Mr. Wheeler's farm, Bracken,
Bexar Co., Texas.

Coll. B. H. A. Groth,

June 26, 1903

No 10

Flowers and fruit.

Corolla yellowish-green. Creeping herb.

Branching very regular and nearly identical in all plants. Limestone hill, Mr. Steeler's farm. Bracken, Bexar Co., Tex.

Coll. B. H. A. Groth.

June 26, 1903

No 11

Flowers and fruit.

Corolla pink
to white. — Heterandrous —
1½ ft., spreading. Line —
Stone hill, Mr. Wheeler's
farm, Bracken, Bexar Co, Tex.

Coll. B. H. A. Groth.

No. changed to
~~12, 20, 160~~

June 26, 1903

No 12 a, b, c. (12a is rarer than the other two)

Flowers and fruit.

2 ft or less, somewhat bushy.

Corolla:

All yellow in 12a
Yellow, with black
throat and black stigma in 12b
Yellow, with either stig-
ma or throat black or dotted
with black in 12c

The flowers of one plant
are always exactly alike,
even in those, which
seem to be hybrids between
the yellow and the black
varieties. Limestone hill,
Mr. Wheeler's farm Bracken,
Mexican Co, Tex.
Coll. B. N. A. Groth

No 13 · June 27, 1903

Flowers and fruit.

Creeping. Flowers yellow to orange-yellow, $\frac{3}{4}$ in. in diameter, ~~in diameter~~, closing in a few minutes after the flower is dug up. The plant blooms only for an hour or so just about noon. Petals unsymmetrical limestone hill Mr. Wheeler's farm. Bracken, Co. Bexar Co., Tex.

Coll. B. H. A. Knott.

No 14.

June 27, 1903

Flowers and fruit.

Out of season by about
a month. Almost all
plants have bloomed and
died. Flower yellow.

Erect.

Limestone hill, Mr. Wheeler's
farm, Bracken Rexon Co,
Texas.

Coll. B. H. G. & H.

No 15

June 27, 1903

Flowers and fruit.

Calyx pink to red, corolla white.
Plant covering ground like
a carpet. Milk juice white.
Limestone hill, Mr. St. Hood's
farm, Bracken, Beaver Co., Tex.

Coll. B. K. S. Groth.

No 16

June 27, 1903

Flowers and Fruit.

Corolla blue. - Labiate -

Erect. $1\frac{1}{2}$ ft or less.

Limestone Hill, Mr Hecker's
Farm, Pecos, Pecos Co., Tex.

Coll. B. H. A. Groth.

June 27, 1903

No 17

Flowers and fruit.

Fl. greenish. — Erect. —
1/2 ft or less.

Limestone hill, Mr. Wheeler's
farm, Bracken, Texas Co., Texas.

Coll. B. H. A. Groth.

June 27, 1903

71218

Flowers and fruit.

H. yellow. — H. - 2 ft high,
inclined to be bushy.

Specimens taken and smaller
than the average.

Foot of limestone hill, Mr.
Steele's farm, Bracken,
Brazos Co., Texas.

Coll. B. H. S. G. S.

June 25 1903

No 19

Flowers and fruit.

Somewhat out of season.

Fl. white. Creeping herb.

Foot of Limestone hill, in
the shade of trees.

Mr. Hucker's farm, Bracken,
Buxar Co. Ind.

Coll. R. H. & L. K. K. K.

June 29, 1903

No 20

Flowers and fruit.

Labiata, bluish-pink.

Corolla caducous.

Proscumbent.

Limestone hill, Mr. Wheeler's

Garni, Bracken, Bexar Co, Texas.

1911 -

Coll. P. S. G. & F. G.

June 29, 1903

No 21

Flowers and fruit

Bushy herb, $\frac{1}{2}$ ft high, 4-5 ft
in diameter. Stem and
leaves very sticky. Color
of corolla orange yellow.
Limestone hill, Mr. Wheeler's
farm, Bearton, Bexar Co, Texas.

Coll. B. K. A. Smith

June 29, 1903

No. 22.

Fruiting specimen.

Bush $3\frac{1}{2}$ - 4 ft. high, stalks single.
Limestone soil, Mr. Wheeler's pasture,
near line Kila, Bracken, Bexar Co,
Texas.

Coll: B. H. G. Groth.

June 29, 1903.

11923.

Fruiting specimen, (Foxglove?)

2 ft. t., several stalks from
same root.

Limestone soil. Mr. Wheeler's
pasture, near Kila, Brecken,
Bexar Co, Texas.

Coll. B. H. A. Groth.

June 29, 1913

No 24

Fruiting specimen. (Chappell)

Bush, thorny, very spreading,
5 - 7 ft high. Limestone soil,
near Kibu, Mr. Wheeler's farm,
Bracken, Beaver Co, Texas.

Coll. B. H. G. Smith

June 29, 1903.

1125

Flowers and fruit.

Scrubby bush, 5 ft. +. Fruit yellow,
when ripe, soft and fleshy,

$\frac{1}{4}$ in. diameter. Flowers greenish.

Near Kiln, limestone soil,
Mr. Wheeler's farm, Bracken,
Bexar Co., Texas.

Coll. B. H. G. Knott.

June 27, 1903

N^o 26

Flowers and fruit.

Herb, usually erect, but procumbent, when rank - scattered specimens in low places, where limestone soil from the hills has been washed down. Flower pinkish-white, height 1 - 3 ft. (usually 1 1/2 ft.)

Mr. Miller's farm, Bracken, Bexar Co., Texas.

Coll. B. H. G. Groth.

June 29, 1953

No. 27

Flowers and fruit.
Non-spreading herb. Flowers
pinkish, white in throat.
Fruit bright red, when mature,
soft and sticky.

Limestone rock, Mr. Wheeler's
farm, Bracken, Bexar Co., Texas.

Coll. B. K. A. & S. H.

June 30, 1903

28

Fruiting specimen. Sedge.

Hair. — $1\frac{1}{2}$ ft. Limestone hills,
Mr. Wheeler's farm. Bracken,
Bryan Co, Texas. A few specimens
scattered all over the country.

June 30, 1923

7-29

Flowers and fruit.

Flowers purplish-pink, light
in throat. 1 1/2 ft., Limestone soil,
Mr. Wheeler's farm, Bracken,
Bexar Co., Texas.

Coll. B. H. G. Smith.

June 30, 1903.

7:30.

Flowers and fruit (Verbena)
Low spreading herb. 6 in high,
running for 2 ft. Specimens
smaller than average.

Fl. bluish-purple.

Limestone soil, mixed with
sand. Mr. Wheeler's farm,
Bracken, Beaver Co, Texas.

Coll. B. H. G. Groth.

June 30, 1903.

11:31.

Flowers and fruit. (Callisphaera?)
Erect herb, 2 to 4 ft high.
Dies down during drought, & sprouts out again and blooms after a rain. These specimens bloomed on the second growth.
Leaves very variable. Basal leaves sometimes almost cordate and three-lobed, sometimes linear. All gradations.
Flowers bright red to light purple, [lighter in all cases than in the dried specimens].
Limestone hill, Mr. Wheeler's farm, Bracken, Bexar Co. Texas.

June 30, 1903.

1932.

Flowers and fruit. (Euphorbia?)
Flowers greenish, stems bright
red. 1-1 1/2 ft. Limestone hill,
Mr. Wheelers farm, Brackett,
Brewer Co. N. H.

Coll. B. & C. C. C. C.

June 30, 1903

No 33.

Flowers and fruit.

Bushy herb, 1/2-13 ft. high.

Strongly monoecious, sometimes
dioecious, leaves varying
considerably in size on different
specimens, often smaller on
the dioecious plants.

Leaves 1-2 in long.

Limestone hill, Mr. Wheeler's
farm, near bee-yard.

Bracken, Bexar Co., Texas.

Flowers white, insignificant.

Coll. B. H. G. & G. H.

Sept. 1903.

A 234

Time 2

Fruiting specimen.

Sensative plant. Creeping
vine, 3-4 ft long.

Limestone hill, Mr. H. K. ...
... Bracken, ...
...

Call B. N. A. ...

July 1, 1903

No 35.

Flowers and fruit.

Somewhat procerumbent, mostly
erect. 4 in. high,

Corolla white,

Limestone Hill. Mr. H. L. Allen's
farm. Bracken, Beren Co. Va.

Coll. B. H. A. Crook,

July 1, 1903

2286.

Fruiting specimen.

3-5 ft. high. Limestone hill
on Wheeler's farm, Deaklan,
Pecos Co, Texas.

Coll. B. H. G. Smith.

July 1, 1953

No 37

Flowers and fruit.
Tender climbing herb. - Not
arising, but resting on support
while rising. Flowers white,
Limestone Hill, ~~Frank~~

Mr. Wheeler's farm, Beaumont,
Bexar Co., Texas.
Alt. 2 ft. +

Coll. B. H. A. Smith.

July 2, 1953

No 38

Flowers and fruit.

Bushy herb, 2 1/2 - 5 ft. high,
buds orange-yellow.

Foot of limestone hill,

Mr. Wheeler's farm, Bracken,
Brewer Co, Texas.

Coll. B. H. A. Lenth

July 2, 1953

No 39

Flowers and fruit,
Yellow Compositae.

Large bushy herb, 5-6 ft high,
many stalks from same root.
Back leaves separate in
specimens.

Toledo Limestone hill.
Mr. Wheeler's Farm, Bracken
County, Texas.

Call B. H. G. - Groth.

July 2, 1903

No. 40.

Flowers and fruit. (Red pepper)
Bushy herb. Fl. white, fruit
bright red. Flavor of Cayenne
pepper. 2 ft - 3 ft.

Limestone-soil, Mr. Wheeler's
farm Bracken, Beason Co, Texas.
Used as pepper locally.

Coll. B. H. A. Smith.

July 2, 1903

No 41

Flowers and fruit. (Helianthus
13)
Grassy herb, 2½ - 5 ft. high.
Flowers blue, white in throat.
Out of season by about 6 weeks.
Limestone hill, Mr. Keller's
farm, Bracken, Texas Co., Tex.

Coll. B. H. A. Groth.

July 2, 1903

No 42

Flowers and fruit. (Ragweed)
Large, bushy herb. 3 - 6 ft high
Flowers white.

Top of limestone hill, Mr. Wheeler's
farm, Bracken, Bexar Co,
Texas.

Coll. B. H. A. Groth.

July 2, 1923

43

Flowers and Fruit.

Crane. Yellow Composite.
Per. bushy herb, leaves and
stalks very rough and tough.
3 ft. high. Foot of limestone
hill. Mr. Wheeler's farm,
Bracken, Bexar Co. Tex.

Coll. B. H. G. G. G.

July 2, 1903.

#44

Flowers and fruit, ^{rostratum?} *Solanum*

Stems prickly herb, 1-2 1/2 ft high. Fl. yellow. Ripe fruit a shiny berry 1/2 in diameter.

Specimens much more slender than the average plant.

Foot of Limestone hill, Mr. Wheeler's farm, Brackett, Bexar Co, Texas.

Corolla distinctly irregular

coll. B. K. A. Groth.

no. 44

#45

July 3 1963

Flowers and fruit.
Bushy thorny herb, 3-4 ft high
spreading. The complete spec-
imens collected in area, much
dwarfed in size, but the flowers
are of the ordinary size.

Stigma violet-purple. The flower
is invariably attacked by a large
brown beetle. That beetle makes
continuous charges upon my
white vasculum.

Flows with sticky nectar.

Specimens collected in line
at one end of gravelly pit in
Bracken, Comal Co, Texas.

Orange-red milk.

Coll. B. H. G. Gentry

July 3, 1903

No 46.

Flowers and fruit.

Composite, yellow. More or
less creeping, 6 in high.
Foot of limestone hill, Mr.
Hecker's farm, Brewster
Nexar Co Texas.

Coll. B. N. A. Smith,

July 3, 1903

No 47

Flowers and fruit. (Commelinia?)
Running vine, 3-4 ft long,
2 ft high. Leaves linear-lanceolate,
till, 1/2 in. wide. Bark
Beaten, Bear Co., Texas.
Flower violet blue & white.

Coll. B. N. A. Smith

10/10/03

1118

July 3, 1903.

Flowers and fruit. (Erect)
Fl. blue. Slope of limestone
hill, at Mr. Wheeler's farm,
Franklin, Iowa Co., Iowa, Pauc.

coll. B. H. A. Smith

July 3, 1923

no 49

Chrysomelid

Some specimens with flowers and
leaves, others fruiting only.
Flowers purple.

Under Mesquite trees. Slope
and base of limestone hill,
Mt. Wheeler area, Beulah,
Beaver Co., Wyo.

Coll. B. N. S. Cook

July 3, 1913

1250.

Flowers and fruit
Fl. white, small like *Syringa*,
bushes 10 ft. high. Flowers
in only a few days. Good
monocultant. Scarce around
Berkeley.

Limestone hill, ~~Berkeley~~
Mr. Wheeler's farm, Berkeley,
Berkeley Co, Texas.

Call B. H. Smith.

July 6, 1933.

No 51

Fredericopsis (P. Ash!)
Slope of limestone hill, W. of the
Linn farm, Brantley, Beaufort
Co., N.C. Bush, 10 ft high
leaves green, flowers white.

Ed. B. G. G. G. G.

July 6. 1903.

No. 52

Fruiting specimen. No. 100
Sweetish

Flavor odor and taste. Bush
8 ft high. Slope of limestone
hill. Mr. Wheeler's farm, Brown
County, Texas.

Fruit used like hips locally

Coll. B. N. A. S. & A.

July 6, 1903.

No 53

Flowers and fruit.

Slender upright herb,

P. greenish yellow. Rare,

scattered among limestone
rocks around Cracker,
Brewer Co., Texas.

Call. B. H. ...

July 6, 1953.

71254.

Fruiting specimen 1 Hawthorn

Tree, 25-40 ft high. Berries
bright red, when mature. - seen
over place between Guadalupe
hills, Mr. Wheeler's farm,
Brewster Co., Texas.

Coll. B. H. G. & G. H. G.

July 7, 1903

4255

Flowers and fruit.

Herb slender herb. Flowers
white, turning pink when old.

Herb - branching. Limestone Hill

Mr. Wheeler's farm, Bracken,
Brewer Co., Texas

Coll. B. H. S. Knapp,

July 7, 1903

9256

Flowers and fruit.
Erect herb, 1/2 ft high. Many
stalks from a common base
and the stems split up into
pieces at nodes.

Flowers yellowish green.
Cinnegon hills, M. D. Hecker
Farm, Bracken, Penn. Co. Pa.

Coll. B. H. & L. H. H.

July 7, 1903

257

Flowers and fruit,

(Specimen for plant)

Flowers orange yellow.

Plant somewhat prostrate,

but growing up again, rising

to 1 ft. from the ground.

Sumner Hill, Mrs. Wheeler's

farm, Brantford, Ont. Can.

col. B. H. G. Smith.

2258

July 7, 1903

Flowers and fruit

Flower white, yellow in throat.
Shrub herb, 1 1/2' high.

Limestone hill, W. Wheeler
farm, Bracken, Bevier Co. Tex.

Col. B. W. A. Grath,

July 7, 1923

No 39

Flowers and fruit

Yellow, papery. Sect. 2 1/2
- 2 1/2" high, limestone hill,
near Herington, Rowden,
Dixon Co, Mo.

Coll. B. N. R. Smith

July 8, 1903

No. 60

Fruiting specimen (Catalpa)

(Leguminosae)

Bushes 8-15 ft high; Foot
and slope of limestone hill,
Mr. Streeby's farm, Bracken,
Brewer Co., Texas.

Coll. B. N. S. Smith.

July 8. 1903

No 61

Flowering specimen.

H. white. Bush, 5 ft high,
with disagreeable odor, resembling
strong odor of fruit wash, flowers
of delicate odor. Blossoms after
leaving region of amber-honey-
plant, Smith's Hill,
Mt. Hicok, Beaver,
Beaver Co. W. Va.

Coll. B. H. A. Knott.

July 8, 1923

No 62

Flowers and fruit
vine, climbing all over low
bushes. Leaves green, purple
blue, large whitish, lower
yellow. Sensitive hill, Mr.
Sphaler's farm Bracken,
Cedar Co, Texas.

Chas. B. N. A. Smith

July 8, 1893

No 63.

Flowers and fruit.

Yellow composite, $1\frac{1}{2}$ - $2\frac{1}{2}$.
Limestone hill, Mt. Vernon,
near Breckenridge, Garza Co, Texas.

Col. B. H. A. Cook.

July 2, 1882.

N^o 64

Flowers and leaves
of herb, in shape of beeches,
flowers yellow & greenish white,
st. somewhat thick, like
H. (H.?) near, B. (B.?)
Texas.

Found 1/2 high.
This plant abundant in some
corn, the leaves black & brittle
in grain, & in some.

Co. G B. H. G. Co. H.

July 8, 1923

42-55

Flowers and fruit,
drying experiment. Part
flowers pink, white and
on some leaves. Some with
stems and leaves white
and pink.

Embryonic plant. M. S. P.
same, Braden. (see Dr. T. C.)

Col. R. K. A. Groth,

Aug 8 1912

7266

Flowers and fruit

Compositae. Stem flowers orange
yellow, dark brown at the base,
disk flowers brown.

1/2 in. diam. In pine at one
hill, Mr. O'Healer's farm,
Brantley, Bowen Co, Texas.

Coll. B. N. G. Smith

July 14, 1913

N^o 24

Flowers and fruit.

Composite Rays orange
yellow disk dark brown to
black. Very abundant.

Sandhill Lake, Mrs. Javer
Mott's pasture, Bracken
1 Bend Co, Texas, 1-3 ft.
creek.

Coll. B. H. A. G. G. G.

No 68

July 14, 1903

Flowers and fruit

Composite. Rays red,
disk with yellow, disk
brown. 1-3 ft. high. Sandy
loam, Mrs. Lavenport's
pasture, Brecken-
ridge Co, Texas.

Coll. B. H. D. Guthrie.

July 14, 1903

No 69.

Flowers and fruit.

Yellow Composite. Creeping,
Sand, Lake, Mrs. David
Hart's pasture, Braden,
Reyn Co, Kan. 1-2 ft. long

Coll. B. B. Smith.

July 14, 1953

2270 -

Flowers and fruit.

Composite. Rays orange-yellow.
Disk at base, disk brown.

Sandy loam, near Haven
park's pasture, Beardslee
Park, Co. Hills. This material

material is 2267.

The entire plant is
brown and some specimens
in which almost the entire
ray is dark brown.

1 - 3 ft. tall

Collected by B. G. Smith

July 14 - 1855
No. 6

7271

Flowers and fruit,
White Labiate. Odor of mint
very elastic. Sandh. Co. au.
Mrs. Davenport's Mass. Hort.
Garden. Bexar Co. Mo.,
1-1/2 ft. high

Coll. B. & G. Smith

July 13, 1903

No. 72.

White composite, Disk-flower
very numerous 1-3 ft long,
looking at almost every place,
Sandy loam, Mrs. Salvin
non-effective Bracken,
Dear Co, Texas.

Coll. R. H. F. Smith

July 3 1904

707B

Flowering specimen.

Climbing herb, 1-3 ft long,
several branches from
common root. Sandy
loam bank of Cold
River, Lawrence's pasture,
Becker, Blaine Co., Texas.
Plants flowers of a
strong sickening odor.
Leaves and stem sticky.
Flower bright red.

Coll. B. H. D. Smith.

June 13, 1903
July

No 71

Flowers and fruit
rare, fl. white - 2-3 ft.
Sandy loam Mrs. Gaven
fruit pasture Brackley,
Barn Co. Texas.

C. B. D. G. G. G.
M.C.

7275

July 13/73

Flowers - white.

Red tint, flower blue.

Sandy loam, Mr. Lave.

Forest of oak, Beech & Elm.

Beaver Co. Texas 1-2 ft high

Coll. B.H.G. G. W. H.

July 13, 1903

n^o 76.

Flowers and fruit:

- Great herb, fl. green, scattered
over all soils, Bracken,
Common Co. Texas, 1-2 ft.

Coll. B.H.D. Smith,
A.C.

July 13, 1903

No 77

Flowers and fruit.

R. orange yellow, petals of
same shape as in No 13
Same color, Mrs. Daven-
port's garden, Brackley,
Berks Co. Mass. 6 in - 1 ft.

Coll. B. G. Froth.

40

July 13, 1953.

11078

Flowers and fruit.

Low herb, bi-~~tr~~procumbent, flowers rotund, with green rib in throat. Sandy loam, Mrs. Davel's pasture, Bracken, Baxter Co., Texas.

Coll. B. K. A. Groth.

July 13, 1919

No 79

Flowers and fruit
blue-labiate. Light blue to
nearly white. White in throat
on lower lip. Lower lip very
broad. Flower fugacious.
Grows limestone hill,
Mr. McClary's farm. Bracken,
Brewer Co, Texas.
Low, creeping herb.

Coll. B. H. A. Groth.

July 13, 1953

No. 88

Framing Specimen,
Lumber, Lumber, Stone
at Mr. Charles Lamm,
Bracken, Boone Co., W. Va.

10 - 2 qt.

Coll. B. H. A. Groth

June 13, 1909

No. 81

Flowers and fruit.
Low spreading herb in the
shade of trees. Fl. white.
Limestone hill NW of the
canyon, Barren Run, Barren Co.,
Tenn. Jan 1909.

Coll. B. H. A. Groth.

MC

July 8, 1913

No 82

Fossiliferous specimen
Expt. 1 - 1/4 ft. specimen
Limestone hill, near
Buckley, Adams Co. Pa.

Coll. B. H. A. Smith,

July 11, 1923

7183

Flowers and fruit.
Composite, white. Stems erect,
and branching a sp. in inflo-
rescence, sandy lower edge
of the Shilohs Hill & Bonham
Benton Co Texas 5-7 ft high.

Coll. B. S. P. Smith.

July 11, 1903

N^o: 84

Flowers and fruit.

Yellow Composite, Erect, 3-5 ft.;
- much branched, on sand and
gravel, in bed of Cibolo, Brackett,
Brewer Co, Texas. Rare.

Coll. B. G. B. & A. L.

903

Aug 1, 1923

A: 85.

Flowers and fruit. 10 mch
Proccium viv. in fruit
Chloroacet. and L. in
Elyptus. Male of several
wasps attacked by a large
black beetle. (C. ca. 1000)
Besa C. 1000

Coll. B.H. Smith

1000

July 11, 1953

no 86

Flowers and fruit.

Creeping herb branches 8 in - high

Fl. white on occasional inflorescence.

San Juan Mt of Cibola, Branch

Conrad Co, Texas

Coll. T. S. A. & J. S. H.

2 c

July 11, 1853

No 87

Flowers and fruit.
The running herb: Covers
yellow sand, on bed of Cibola
Co. Brazoria, Comal Co., Tex.

Coll. B. H. T. Smith.

July 11, 1953

77588

Flowers and fruit.

Fl. purple. Bushy herb,
14-20" high, among solid
rock in bed of Cibola, Brea
Conal Co, Texas.

Col. B. H. P. Groth.

July 11, 1953

no 89

Flowers and fruit.
Anthers P. yellow, deep
cup-shaped, dropping off
very easily. Between large
rocks, below Cibola, Branch
Comal Co, Texas. H-2 ft high

Coll. B.H.P. Groot.

July 11, 1903

No 90

Flowers and fruit.

White Composites. Sect. 7-377.

and Sibol's Bracken

Central Co., Texas. Rare.

Coll. B. W. Smith

July 11, 1923

7071

Flowers (and fruit) white.
Flowers green, erect stems
3 ft. high, among large
rocks, bed of Col. Brack
Coral Co, Texas. Bark
juice milky.

Coll. B. & S. Smith
C.

W^o 92

July 13, 1903

Flowers and fruit. Bulbous,
Branching herbs, flower
white, of very sweet odor,
leaves and stems provided
with stinging hairs. Sandy
loam, bank of Cibola,
Beaumont, Comal Co, Texas
(Seeds taste like nuts; - eaten
by children; milky juice.

Coll. B. K. A. Groth.

42

July 13, 1953

No. 93

Flowers and fruit.

Composite. Rays white, $\frac{1}{8}$ inch wide,
disk yellow. Tough herb, 8 in - 1 ft.,
Among rocks, near Cibola,
Mr. Evans's pasture, Bracken,
Brewer Co, Texas.

Coll. B. H. & Groth.

July, 16, 1953

N^o 94

Leaves and fruit

Composite. Rays brown, tipped with yellow, disk light brown. Herb.

$1\frac{1}{2}$ - 3 ft, abundant in sandy soil, Mr. Evans's pasture, Brecken, Bure Co, Texas.

Coll. B.S.P. & G.M.

July 16, 1903

No. 95

Flowers and fruit.

Composite. Rays yellow, disk
light-brown. H₂ - 4 ft. Sandy
Soil, Mr. Evans's pasture,
Bracken, Beaver Co, Texas.

Coll. B. H. G. G. G.

July 16, 1953

No 96

Flowers and fruit.

Composite: white, near water
Cibolo, Brackett, Comal Co.,
Texas. Creeping herb, 8 in long.
rare.

Coll. B. H. A. Girth.

July 16, 1953

No 97

Flowers and fruit (grass)

Near water, Childs, Bracken,
Conal Co, Texas. Spreading,
1 ft. - 1 1/2 ft.

Coll. B. H. A. Groth

July 15, 1903

11^o 98

Flowers and fruit.
Procumbent herb. Flower
purple. (Longest of Corolla)
Bed of Cibola, Mr. Evans's
farm, Bracken, Bexar Co,
Texas. Corolla dropping off
easily.

Co. C. B. N. I. Smith.

7^o

July 17, 1903

No 99

Flowers and fruit.
Pink Composite. 2-4 ft
high, Bed of Cidols, Bracken,
Comal Co, Texas.

Coll. B. H. A. Brook

August 1890

11200

Received of the
Hon. Secy of the Interior
for the purchase of
land in the
County of ... State of ...
the sum of ... Dollars
in full for the purchase of
the land described in
the ... of the ...

Done at ...

...

July 15 1908

42101

Bank of the ...
at ...
...

...

No. 102

July 5, 1953

Flowers and fruit (Nigger-head)
Red-brown composite, disk
only. 1½ - 2 ft. Sandy loam
Mr. Wheeler's field, Bracken,
Brewer Co., Texas.
[Odor of Lily of the Valley]

Coll. B. H. A. Smith,

July 15 1903

103

Some very fine specimens of *Phlox*
in the first specimen. Plant
g- 278, erect, in flower,
it growing alone. - The soil
was low & *Calceolaria* *peruviana*
seen in the same.

Collected by A. C. S. & C. C. S.
V. S. S.

July 15, 1903

N^o 104

Flowers and fruit.

Labiata. Corolla dirty white, spotted with pink, of very strong honey-odor. Plant rising from long rootstocks, [rootstocks 2-4 ft long], 2-3 ft high, leafy. Bank of Cibola, Sandy loam. Brewster, Bexar Co, Texas. Rare.

Coll. B. H. A. Groth.

July 1903

70105

Flowers and fruit

With green, white, dark
purple. Red of tubule, among
fruit and roots. Fracture
Pearl fracture, 2-3 ft long

Col. B. N. G. Smith

July 9, 1903

115-106

Flowers and fruit.

Yellow compound fruit, $1\frac{1}{2}$ -
1 1/4. Slightly brown, back of
Cibola, Braden, Bexar Co, Tex
[in drying the color, which is
exactly like that of No. 118,
turns darker.]

Coll. B. H. A. ...

July 10, 1923.

1157

Flowers and fruit. (Mimosa?)
In flower. In foliage and
flowers resembling Mimosa pudica,
but not sensitive.
Limestone hills, southeast
of Mount Pleasant, Council Co.,
Iowa. Creeping, 1-3 ft.

Col. B. H. A. Groth

July 10, 1953.

92708

Flowers and fruit. (Sand-bur)
Flowers purple. Fruit
fruit easily detached. Leaves
and scattered around (broken
Coral Co, Fla.)

Coll. B. W. S. S. S.

July 10, 1913

109

Flowers and fruit
yellow Composite.

Leaves yellow, dark green in bud,
long, narrow, slender
leaves, 4 ft high. Bank of
Columbia River, near
Kearney Co. Neb.

Coll. B. H. Smith.

July 12 1900

No 110

Found in fruit
of
measures 1 1/2 x 2 1/2 x 1/2 long,
and is light in color.
Found in fruit of
Bracken, Canal Co, Texas.

1900. 385. 12.

July 18 1897

2011

Phlox subulata

Low, woody herb. Lower
part to purple, pink; on
side and top more, but
white near base. Good
C. B. P.

Coll. B. S. O. Smith,

2012

July 2, 1953

Thompson & Smith
Texas Lubricate, Branch 4
Highway, among rocks and
gravel, bed of Cibola, Branch
J. Canal Co, Texas.

Call. R. 17 1/2

July 11 1883

22-113

Pomacea canaliculata

2 young, brown, brown as usual;
no more noticeable than a
single large water lily in
openness into separate stages
can not be seen shells.

Found on bank of Lake Co.
Crawford Co. Tenn. C. V. 1883.
H. G. Galt

(B.H.S. with)

22114

July 7, 1913

Flower and fruit.

Composite. Rays yellow,
disk brown, tubular at
base enclosing head, giving
the appearance of a bud of a
single flower.

Sandy beam bank of Cotton
Creek, Texas. Taken
in 3 ft. high, rocky soil.

Coll. B. G. S. G. S.

July 9, 1903

No 115

Flowers and fruit.

Blue Labiate (Salvia)

Color violet to light purple, upper lip hairy and colored darker. Two white stripes running down lower lip in the throat. These stripes are sometimes wanting, and then the upper lip is not darker than the rest. There are all shades between the extremes. Limestone soil, Bracken, Bexar Co, Texas. The flowers drop off after leaving in the driers for 6 hrs.

Coll. B. H. G. Groth,

July 7, 1933

No 116

Flowers and fruit. (Mexican Sage Tea)

Flowers greenish-gray. — Erect herb, 1 ft high, in large patches on limestone soil, Bracken, Comal Co, Texas.

(Odor somewhat like sage).

Coll. B. H. A. Booth.

July 9, 1933

No 117

Flowers and fruit.

(Stinging nettle)

Fl. green. Plant creeping. Kinn
stone soil (grows on all soils)
Bracken, Comal Co, Texas.
Stem - 1 1/2 ft. long. Stings like the
European nettle.

Coll. B. K. A. Smith.

July 9. 1883

No 118

Flowers and fruit.

Yellow Composite. Same
train, bank of Ohio River
near Co. Tenn.

30 B. K. L.

July 11, 1953

No. 119

Flowers and fruit.

Fairy-Composite.

Stems linear, white, dark
yellow. Gen - 1 ft high, in
bunches. Sandy stream
bank, Cibola Branch,
Bexar Co, Texas

Coll. B. G. G. & H.

July 11, 1954

No 120

Flowers and fruit:

Low growing herb, becoming
decumbent and prostrate
in some places, handles
up to 1/2 long. In a field
in field, sandy, large bank
of Colorado, Breckenridge, Brecken Co.
near

Coll. B. H. G. Smith

July 11 1923

121

Alcea arvensis
(*Alcea rosea*)
Flowers and fruit
A white, single flower of
a low bush, 5-8 ft high,
in bud & petals, near a
road. (Barren Hill, Cornell Co.,
Iowa.)

Coll. B. H. Smith

July 11, 1873

122

Compositae. Rays yellow with a
red-brown base. Lvs red-brown
when not flowering, yellow
when flowering. The heads
are globose in a narrow ring,
and are divided into the same
number of lobes. The flowers
are tubular, and the
stamens of the inner whorl
are shorter than the
corolla. The style is
1-2 1/2 in. long.

Coll. B. H. O. G. & A.

July 25, 1903

No. 123

Grass.

Tall grass, 3-5 ft. in
large bunches. Col.
+ Rhinestone Hill, Pa.
Officer's Garden, Brap
Pa. C. H. A.

Coll. P. H. A. York.

July 29, 1953

124

Flowers. Beets.

Orange variety. In most
places the leaves are sta-
tionary or the plant is
glabrous and leaf-like.
Limestone hill, The
Wheeler's Farm, Bracken
near C. T. A.

Call. B. H. G. Bracken

July 30, 1913

112. 125

Fl. and fruit. *C. ...*
Fl. reddish-purple. Bristly
herbs, limbs spreading, 3-4
long. Gravel soil near
bank of Cibola, Bermejo,
Pecos Co., Texas. Mr. ...
L...

Col. B. A. P. ...

July 30, 1903

No. 126

Trunkia speciosa.

Strong pleasant aromatic odor,
crack soil, Mr. Evans's
pasture, Brewster, Acad. Co.,
Me.

Coll. B. H. G. Sill

July 30, 1892

No 127

Compositae
St. yellowish-green, erect
herb 3-7 1/2 ft. high, Gravel
soil, Mr. Evans's pasture
Broken River Co. Tex.

Chas. B. K. Brooks,

July 30, 1885

92128

Flowers and fruit.

Dwarf herb, fl. white with green
tint to soil, the leaves
green. Salina, Beas Co. Tex.

Coll. B. H. P. Roth.

1853

1853

Buds.

...
... rocks (Limestone); ...
... Mr. Hoffmann's
... Selma, ...
... pink. Single
flowering specimen found
in between numbers 212 and
the following.

Coll. B. H. G. G. G.

July 24, 1903

H. B.

Reptis affinis.

Purple composite, *Reptis*

As many as 100 stalks from
one root. Rock, gravel,
Bed of Cibola, Brackett,
Comal Co., Texas.

Coll. B. H. A. Groth,

No 131

July 12, 1913

Flowers and fruit.

The ^{white} greenest ^{white} rock herb, growing
in cracks of large rocks,
bet of Cibola, Braden,
Cibola Co. In most cases
it is impossible to get the
root. Rare.

Coll. B. N. G. G. G.

July 30, 1903

No. 132

Sedge, bet. Circle,
Mr. [unclear] [unclear]
Selma, [unclear] [unclear] Co.,
4th [unclear]

Coll. B. H. P. [unclear]

July 31, 1953

30133

Flowers and fruit

Fl. pink; erect herb. 1-2 ft.
high, gravel soil, Mr. Deane
farm, Breckenridge, Big Bend Co.
Texas. - Near bed of Cibola

Coll. B. H. G. Booth

Aug 3, 1903

No 134

Rowles cut fruit. *Pisonia*
torreyana, *condensata* L. f.
 The Sand-gulch, *Pisonia*
 Oahu, C. C. T. S.

C. C. T. S. B. H. O. S. H.
 1/2 C.

July 31, 1903

No 135

Agave (Agave)

Common plant, Low shrub

1 ft - 1 1/2 ft high. Fls. white

Fls. - pinkish or red

Mr. St. Louis's Farm, Bixby

Okla. Co. Texas.

Coll. B. A. B. & S. L.

136

Aug 3 188

Received of Mr. [unclear]
the sum of [unclear]
for [unclear]

Given to [unclear]

July 27, 1903

No 137

Flowers. Two brown
 buds. H. white, becoming
 pinkish when open. B. blue.
 Yellow when open.
 Sandy soil, Peaeken
 Beck, U. S.

Coll. B. H. G. & G. H.

Aug 1, 1903

No 138

Grass, foot of limestone
hill, on Wheeler, near
Pawnee, Texas Co, Texas.
See No 137

Coll. B. H. L. Smith

Aug 1, 1873

No 137

C

Common

Total number of plants
 in the field is very small
 (about 100) but
 must like 138. But the
 color of the sheath is
 ish instead of green. The
 leaves are much more verti-
 cal and have a much lighter
 color. The grasses grow side of
 each other in the field. But
 No 138 is much more abun-
 dant.

Aug 1 1873

No 140

July 29, 1903

Flowers and fruit. (Stickweed)
Fl. yellow, white. Bushy herbs,
5 ft. high. Flower blooms after
sundown. Gravel and limestone
soils. Brackett, Comal Co, Tex.

Coll. B. K. S. Britt.

July 24, 1903

No. 141.

Flowers and fruit. (Barkly sand)
Fl. white. Vine, slender, but
climbing over the tallest trees.
Fruit burst open by a spring
arrangement. Foot of limestone
hill, Mr. Suhm's pasture,
Bracken, Pecos Co, Texas.

Coll. B. & A. G. G. G.

July 28, 1903

No 142

Flowers and fruit. *Celastrus*
Fl. green. Vine, milky juice.
Climbing over 4 or 5 tall
bushes. East of limestone
hill, Mr. Schum's pasture, Brack
Beck Co, Texas.

Col. B. H. D. Groth.

July 23, 1903

N^o 173.

Flowers and fruit.
Yellow composite. Much like
N^o 43, but leaves of diff. shape,
and head somewhat diff.

Top of limestone hill
Mr. Evans farm, Bracken,
Brewer Co, Texas. Many
stems from one bush. 2 1/2 high.

Coll. B. H. A. Groth

July 27, 1903

No 144

Flowers and fruit.

Fl. white. Bushy herb, 1½-2 ft
high, Foot of limestone hill
Mr. Evans's farm, Bracken,
Brewer Co, Texas.

Coll. B. H. A. Smith

July 27, 1903

No. 145

Flowers and fruit.

Fl. green. Bushy herb, 3-4 ft high, ~~was~~ Foot of limestone hill, Van Evans field, Brantley, Rexar Co, Texas.

Col. W. S. G. Smith

July 27, 1953

No. 146

Flowers and fruit. Herbarium
Bushy herb, many stems from
one root. Branches 1/3 - 1/2 ft
long. Corolla red. Gravel
soil, Mr. Evans's farm,
near I. & N. railroad.
Bracken, Beaver Co., Texas.

Coll. B. H. G. Grobner

July 25, 1903

7214

Flowers and fruit.

Tall herb, 5-6 ft high, foot
of limestone hill, near Evans
Farm, Bracken, Bevan Co., Tex.
Fl. pink.

Coll. B. H. A. Groth.

July 25, 1953

No 148.

Flowers yellowish, (1953)
Fl. purple. Herb. 1-3 ft high,
gravel soil, Mr. Evans's farm
Bracken, Berar Co. Pk.

Col. B. K. L. Broth.

July 25, 1953

No 149

Fruiting specimen

Herb 1 ft high or less, spreading
strong pleasant aromatic
odor. Soil level, Mr. Evans's
pasture, Brackett, Bexar Co,
Texas.

Coll. R. S. L. Smith

July 25, 1903

No 150

Flowers and fruit.

Vine, running and climbing
over bushes. Fl. white.

Travel, East of Colorado, Brev. Co.
Brev. Co. Texas.

Coll. B. H. A. Groth

July 27, 1903

No. 151

Flowers and fruit

Wood herb, 1 ft high, in cracks
of sandstone, Colorado, W. Va.,
W. Va., Bracken, Corns Co.
Treas. Fl. yellow, leaves thick,
to a vertical position.

Coll. B. H. G. & others

22

July 24, 1913

715 182

Flowers and fruits

of white-horned in high
cracks of large rocks, ^{on} ~~the~~
river Mr. Steubins
Cracken, Comal Co, Tex.

Coll. B. H. G. & H.

July 24, 1853

No 153

Flowers (and fruit)

Leguminous plant. *Q. ...*
light in ... Plant ...
high, ... of large ...
bed of ...
...

W. H. ...

July 27, 1953.

No 154

Training Station,
Head, Col. C. L. Bracken,
Comal Co, Texas. San Angelo.

Col. B. & J. Smith

July 24 1953

No 155

Flowers and fruit.
Succulent vine. Fl. pink,
climbing over bushes, leaf
Cibola, Brewster County,
Texas.

Coll. B. K. S. Eastw.

July 23 '33

No 156

Phoradendron, fruit.
Yellow Composite. June, 1893
and early. Mr. and Mrs.
Loring's farm Bracken,
Comal Co., Texas.
H. S. G. H. H.

Coll. B. H. G. H. H.

July 23, 1903

No 757

Flowers and fruit

Proccumbent, 1/2 to 2/3
leaves, 1/2 to 1/3
fruit, 1/2 to 1/3
leaves, 1/2 to 1/3
fruit, 1/2 to 1/3
leaves, 1/2 to 1/3
fruit, 1/2 to 1/3

C. C. B. H. A. Smith

Cat's head in Room?

Leaves have only been
found in ~~the~~ and are
much smaller and
do not the fruit.

July 28 1877

No 158.

Brass

Bank of large water bed
Caledon, Brantford, Ontario
Per. 3/4 in.

C. P. R. R. Co. - Brantford

NC

Jan 23 1883

No 158

Flowers and fruit

Among large rocks

Collected by B. A. P. in Texas

C. C. P. B. A. P.

PLANTS OF TEXAS.

No. 160.

Oenothera serotina, Nutt.,
var. *spinulosa*, Torr. & Gray.
Limestone hill, near Bracken.

Aug 3, 1903

Collected by Bexar Co., 26 June 1903
B. H. A. Groth

Fl. purple. Succulent herb, in the
ground, but not tall, Bracken
County, Texas.

Coll. B. H. A. Groth

Aug 3, 1903

No. 160

Flowers and fruit.

Fl. purple. Succulent, herb. in high
ground on the hills, Brazoria
County, Texas.

Coll. B. H. A. Grote,

May 3, 1903

77161

Small and common.
Fls. blue, spherical, 1-2
inches, 2-3' high, in part
shade places, sand and
gravel soil, New Braun
fels, Texas.

Coll. B. H. A. Smith

Aug 3, 1873

162

Powers and Co.
Junior Commission
Travel Bill - stop
Mrs. Davenport, ^{care}
Crocket, Bexar Co, Texas

Coll. B. H. G. Smith

N^o 163.

Aug. 3, 1903

Grass.

Foot of limestone hill, Mr.
Wheeler's farm, Bracken, Bexar Co.,
Texas. In large bunches, rising
obliquely; stalks 1 ft. long.

Coll. B. H. A. Groth.

Aug 1, 1953

#2. 16.54

Mariquiate grass

Grass. Top of a limestone
hill. The hill is in
Brewster, Texas.

Col. B. H. Smith

Aug 3, 1903

N^o 165

Grass, in field, sandy loam,
foot of limestone hill, W.
Wheeler's farm, Bracken,
Bexar Co, Texas.

Coll B. H. A. Groth

Aug 1, 1903

71166

Flowers and growth.

Yellow compound umbels. Bushy
shrub, 3-4 feet high. In
sandy soil, near Evans's
house, Bixler, Texas.
1903. (See next number)

Over 1000 specimens

Aug 1, 1903.

No 169

Flowers and fruit.
Composites Passiflora
yellow, disk brown. There
are all glaucous brown
heads in which the rays
are almost entirely yellow,
so heads that have the
rays entirely brown.
Sahibpur, Mr. Dour's garden,
Burdwan, Bihar, India.

Coll. B. H. G. Smith,

Aug 1 1903

15 168

Flowers and fruit, *Trichostema*
It orange yellow. Leaves yellow
Saw it in the garden of the
Dr. Evans' Hotel, Brown
Texas.

Leaves drop off on drying.

Rootstock grow between the
papers, and were dried in the
air.

Col. B. H. ...

169

Aug 1, 1953

Flowers and fruit

Spartanum herb, 1/2 - 1/4 ft.
Ltr, East of Pine Grove hill
Mt. Wheeler's Garden, Park
River Co. Pa. Fl. small, red.

Coll. B.H.C., G. & H.

Aug. 3, 1903

No 170

Flowers and fruit. (*Asclepias?*)
Vines, climbing over tall
trees. Flower green. Limestone
soil. Mr. Sahn's postbox,
Bracken, Pecos Co, Tex.

Coll. B. H. Ernst.

Aug 4, 1903.

No 171

Moss. Hackberry tree,
Bracken, Comal Co, Texas.

Coll. B. H. G. Groth.

Aug 4, 1903.

No 172

Fruit (Some flower) (Munson)
Fl. pinkish-white. Gravel and
limestone soil, Bracken,
Comal Co, Texas.

Col B. H. O. Groth.

Aug. 4, 1953.

No 173.

Flowers and fruit (Thistle)
Compositae Fl. purple (bracts all purple)
Erect herbs, 6 ft tall. Limestone
soil, foot of hill, Bracken,
Comal Co, Texas.

Coll. B. H. G. Groth.

Aug 4, 1903

No 174

Fruiting Specimen.

Foot of limestone hill, Brackley,
Comal Co, Texas. Woody herb,
4-5 ft high.

Coll. B. N. A. Groth.

Aug. 4, 1928

No. 175

Flowers and fruit.

Leguminous herb. Purplest. blue.
Herbs 2 ft tall; Foot of limestone
hill, Mr. Stahl's farm, Bracken,
Comal Co, Texas.

Col. B.H.P. Smith.

Aug. 5, 1903

No. 176

Flowers and fruit. (Mimosa?)

Woody herb, rising from an
underground rootstock, 1-2 ft
high. Flowers white.

Coll. B. H. G. Smith

Aug 5, 1903.

42 177

Flowers and fruit (Winn?)
Sensative Bush. Fl. pinkish-
white. Limestone hills, German
Church, Bracken, Conal Co, Tex.
Bushes 7-8 ft high.

C. G. B. N. G. Smith.

Aug. 19, 1953

No. 178

Reed.

8 ft. high. Stake-edge,
Guadalupe River. Mr.
Kueger's farm. Seguin,
Tx.

Coll. B. H. A. Groth.

Aug 17, 1903

42179

Grass. 8 ft high; water-
edge, Guadalupe River,
Mr. Krueger's farm,
Seguin, Tex.

Coll. B. H. Smith

Aug. 19, 1903

No. 180

Grass. 1-1/2 ft high, fine.
Same soil, Mr. R. C. ...
... Seguin, Texas.

Coll. B. H. A. ...

Aug 12 1955

No 181 Flowers and fruit

~~Fruiting specimen (some flowers)~~

Epiphytic creeping vine.

Fl. light purplish-red.

Thin, soft soil. In. Piney
pasture, Seguin, Texas.

Coll. B. R. Smith

Aug. 19, 1903

No 182

Rooting specimen.

Running herb, on mud, bed of
Guadalupe River, Mr. Kin-
ger's farm Seguin, Texas

Flowers faint lilac color.

Coll. B. H. A. Groth

Aug 19 1903.

N^o 183

Sedge Gravel, bed of Guadalupe
Lopez River Mr. Krueger's farm
Sequim, Texas Sea level

Col. B. K. Smith

Aug 19, 1903

No. 184

Flowers and fruit.

Herb 3 ft high, fl. yellow, covered
by bracts blackly tinged by sunset.
Cape River, Mr. Krueger's
farm, Seguin, Texas.

Coll. B. H. A. Groth.

Aug 19, 1953

70: 185

Flowers (and fruit)

Bush, 4-5 ft high, of very
disagreeable odor.

Flowers yellow to orange-yellow,
fruit a berry, steel-blue, size
of a currant. Sandy loam,
Mr. Krueger's farm, Seguin,
Texas. Leaves drop off on
drying.

C. C. R. H. A. Booth.

Dec. 17, 1886

No. 186

Flowers and fruit - *Polemonium*
 Herb 5 ft high. Fl. white, fruit
 a purplish black soft blue
 in color. Soil sandy soil.
 Mr. Fort, Prince's farm, Virginia
 sec. 10, Co. Es. *1886*
 Young plant, root a green

C. R. R. D. 1886

Aug 17, 1953

712 187

Flowers and leaves,
Trunk wood, bark, leaf, flower,
right leaf, for South-west
Herb. Bot. University of California,
Sequoia, Mendocino Co. Cal.

Ch. B. B. B.

Aug 17, 1953

49188

Flowers white;
yellow composite, 4 ft high,
low bushy plant, Mr. Fort. Krue-
ger's garden, Sequim, Wash.
Exp. C. F. ...

Col. B. H. ...

Aug 17, 1903

No 189

Grass.

2 - 3 1/2 inches, Sandy bottom.
land, Mr. W. W. W. W. W. W.
Seymour, Exchange Co. W.

W. W. W. W. W.

Aug. 11, 1953

No. 190

Grass #9

Soil, do not spread out,
Sandy bottom - Shrub, Herb,
Krieger's Farm, Legumin. Area
Calceps. P. Fern - 1/2 ft high

Coll. R. A. G. Lenth.

Aug. 1, 1883

72.192

Five new species of *Chama*
Benth. from the banks of
the St. Lawrence, Mr. George
J. Van, Sec. Gen., Eastbury,
Mass.

Col. J. Van, Sec. Gen.

Aug. 17, 1922

No. 193

Flowers and fruit (Miss Cooper)
Leguminosae

Bush, 6-8 ft high, along
water, gravel soils, Mr. Huley's
farm Pecan, Tex. Flowers
orange-red, striped dark orange
longitudinally, outside. Foliage
of a narrow, pubescent stem.
Sects. numerous. Leaves drop
off on drying.

Coll. B. K. O. Smith

Aug. 18, 1953

No. 194

Flowers and fruit (Nettle)

Fl. green. Petals 4. Tail, near
dorsal for Guadalupe River.

Mr. Knoger's farm, Seguin,
Texas.

Coll. B. H. A. Groth.

Aug 18, 1913

4: 195

Flower and fruit. ^{1. Photo}
Corolla white. Herbs, 6 ft, branching.
Near water, Guadalupe River,
Mr. Krueger's farm, Seymour,
Texas. Stem 4-cornered.

Coll. B. H. A. Groth

Aug 18, 1953

No. 196

Flowers and fruit. (Cenotha?)
Fl. yellow. Herb, bushy, 6 ft high.
Water-edge, small alga
River, Mr. Krueger's farm,
Seguin, Texas.

Coll. B. K. A. Smith.

Aug 11, 1903

No. 197

Flowers and Yrials

Yellow composite

Leaves sticky. Bush herb.

6 ft high. Stand by dam, river

of head of Grand Canyon River.

Mr. Krueger's farm, Seguin, Tex.

Coll. B. H. G. G. G.

Aug 17, 1903

No. 198

Flowers and fruit

yellow composite. Leaves
sticky. Only specimen found
6 ft. high. Sandy bottom near
Chalchupe River. - Mr. Wuer-
ger's farm, Seguin, Tex.

Coll. B. H. A. Groth
HC

Aug 26, 1903

No 199

Flowers and fruit
Leguminous shrub. 1-1 1/2 ft high,
fl. bright purple. Collected
limestone hill, Mr. Evans's
farm, Brackett, Bexar Co.,
Texas.

Coll. B.H.G. G. & H.

Aug 22, 1903

N^o 200.

Flowers (and fruit)

White composite, gravel, near
Guadalupe River, Mr.
Krieger's farm, Seguin,
Tex.

C. C. B. & C. Groth

Aug 22, 1953

No 201

Flowers (and fruit)

Pink composite. Gravel,
near Guadalupe River,
Seguin, Tex; Mr. Krueger's
farm.

Coll. B. H. G. G. G.
H. C.

Aug. 22, 1903

N^o: 202

Flowers subfruit.

Liliaceous plant. fl. white.

Limestone soil, Mr. Kneeger's
farm, Seguin, Guadalupe,
Texas

Coll. R. H. C. Groth

Aug 22, 1913

No 203

Flowers and fruit
Gourds, Vine, climbing over
bushes. Fl. yellow. Sandy
loam, ~~to~~ near Guadalupe
River. Mr. Krueger's farm,
Seguin, Texas.

Coll. B. H. G. Groth,

Aug. 26, 1903

No. 204

Flowering specimen.

Fl. bluish-white. (Labiata?)

In water, Cocks River,
Selma, Texas.

Coll. B. H. Grote

Aug. 27, 1913

No 203

Flowers and fruit
Sagittaria. In water, Cibola,
Selma Texas. fl. white.

Coll. B. N. O. Smith

Aug. 27, 1903

No. 206.

~~Flowers and~~

Sedge, in water, Cito's
River, Selma, Texas.

Coll. B. H. A. Brock

39

Aug. 28, 1863

No. 207

Flowers and fruit.

Vine, creeping, fl. white.
Fruits balloon. Gravel bed
of Cibola, Bracken, Comal Co,
Texas.

Coll. B. N. A. Groth.

Aug. 28, 1913

No. 208

Flowers and fruit.
Low-spreading herb. Fl. greenish
gravel, bed of Cibola, Brewster,
Texas.

Coll. B. N. D. Smith

Aug. 29, 1953

No. 289

Flowers and fruit

Maboucous herb, 3 ft. high, fl.
red, twisted. Fruit red, when
mature. Foot of limestone
hill, Mr. Weller's farm,
Bracken, Beaver Co., Texas.

Col. B.H. Groth

Aug. 29, 1903

41 = 210

Grass, foot of limestone hill,
Mr. Wheeler's Farm, Bracken
River Co. Tex. 1 ft - 2 ft. high

C.C. - B.N.D. brot

Aug. 29, 1923

No. 211

Grass. Foot of limestone hill
Mr. Wheeler's Farm, Bracken
Texas.

Col. B. N. G. Croth

Aug. 29, 1953

No 212

Flowers and fruit.

Purplish-pink labiate.

2 ft high, branching herb.

Sumner's Hill, Mt. Sherrill,
Jay, Bracken County,
Texas.

Coll. B. N. G. Smith.

Aug. 12, 1903

No 213.

Flowers and fruit.

Sagittaria. Fl. white in
water, Bracken, Comal Co.
Tex.

Coll. B. H. A. Groth

Aug. 13, 1903

No 214

Sedge. In water. Branch
Comal Co, Texas.

Chas. B. N. 2 Groth

July 22, 1885

Dear Mr. [unclear]

Great River, Conn.

[unclear]

No. 213

July 23 1955

112.

Herb. 8' high, base of
limestone hill. Root system
like wild yam, very bitter,
yellow. Flowers purple & black
anthers, dotted with white.

Very rare.

B.K.C. inst.

916

July 23, 1953

July Season, abundant
on black wash soil
~~near~~ Bracken,
Conical Co., Va.

B.H.G. 11/1

Centaurea americana, Nutt.
(det. J.M. Greenman)

11/1

July 24, 1953

Flower white, not
specimen, cracks, big
roots, bed of Pines
Branched

B. H. H. H.

no. 218

no. 219

April 24,

1907

Dear Mr. ...

I have just received your letter of the 17th and am glad to hear from you. I am well and hope these few lines will find you the same.

Very truly yours,
D. A. ...

July 25

One Specimen, gravel
with Brackets, Council
Texas. P. H. G. Booth

m. 220

One specimen, flower
white. Bed of Coal (Branford
Branford Canal Co. Mass.

B. H. G. Smith

11-2-21

July 20, 1953

No.

Leguminous plant. Yellow.
Shrub, leafy, Callos, Bracteae.
Carnal Co., Tex. Only specimen.

B. H. G. 9. 1. 1. 1.

11. 2. 2. 2.

Aug 15, 1903.

H₂

Leguminous vine, creeping.
Fl. yellow, in limestone
rock, bed of Gibb's Brook
Connel Co, Tex.

B. H. G. Smith

229

m.

no. 231

ky

Aug 3, 1902

Chapman and Gray

Chapman and Gray, Conella

San Jose, California
in care of Mr. David Linn
Box 100, Redwood City, Cal.

Coll. B. H. A. Smith

10

July 13, 1903

No. 235

Flowers and fruit.
Composite. (Fruit?)

Color same as No. 234, but
the rays flowers are fewer
and about half way up.
Only specimen found!

Salisbury, Iowa, near
Macedon, near
1. Blyden Co, Iowa.

Coll. B. K. S. & A. H.

July 9, 1903

No 236

Centaurea americana, Nutt.
Flowering specimen, (det. J. M. Coulter)

Flower brown with a purple
hue. Only specimen found.

Limestone hill, Mr. Stree-
ler's farm, Brecken, Bexar Co,
Texas.

Coll. B. G. Smith.

m. 237.

July 11 1803

48

Received of the
 Pink Hill White Sulphur Springs
 the sum of one hundred dollars
 for the year ending the 31st
 of December 1802
 James Franklin Treasurer of the Springs

James Franklin

no. 239

Aug 12, 1913

73.

F. & fruit.

Near water, Herb, 6 in
high, fl. light-purple.

-Clay soil

Bracken, Tex.

B. N. G. Smith.

No. 240

Aug. 20, 1903

Odds and ends. limestone
soil, Bracken, Texas.
All gathered in August.

July 31, 1913

N 247.

Fl. in fruit.

Fat (New)

The yellow and specimen
Gardner, Benton, Oregon,
Gardner

Collected by H. C. G. Smith.
H. C.

no. 248

July 30, 1913

No.

Fl. of fruit
Fl. green. C. of specimen
from rock; Mr. Hoff
Hans's paper, bed 1
Dana's daldalpe C.
Dana's

Coll. B. H. A. Groth
NC

Aug. 17, 1903.

No. 251

Flower and fruit. *Hesperis matronalis*
P. white. Cult. H. West. Herb. Mus.
bed of Guadalupe River, Mex.
Kulger's garden, Seguin, Tex.

Coll. B. H. O. East-
H. C.

no. 252

Aug 19 1853.

Sedge, gravel bed of
Luna del Lago River, Siskiuin,
Texas. Only specimen.

no. 253.

Aug 14, 1893,

Presented on grass

No. 254

Aug 28, 1953

Flowers and fruit

Vine, fl. white, purple in
throat. Gravel, bed of
Cibola, Bracken, Tex.

B. N. G. G. H.

no. 257

Aug. 20, 1903

Fruiting specimens.

Sampson-weed.

Root of taste resembling
prickly-ash; valued very
high by druggists, as a
medicine against kidney
trouble, and plants guarded
by farmers. Sandy-limestone
soil, Seguin, Guadalupe Co,
Texas.

Coll. B. H. G. G. G.

Aug. 22, 1903

No. 255

Flowering specimen.

fl. yellow. Fine, 3 ft long
Sandy loam, Seguin,
Texas.

B. N. G. Smith.