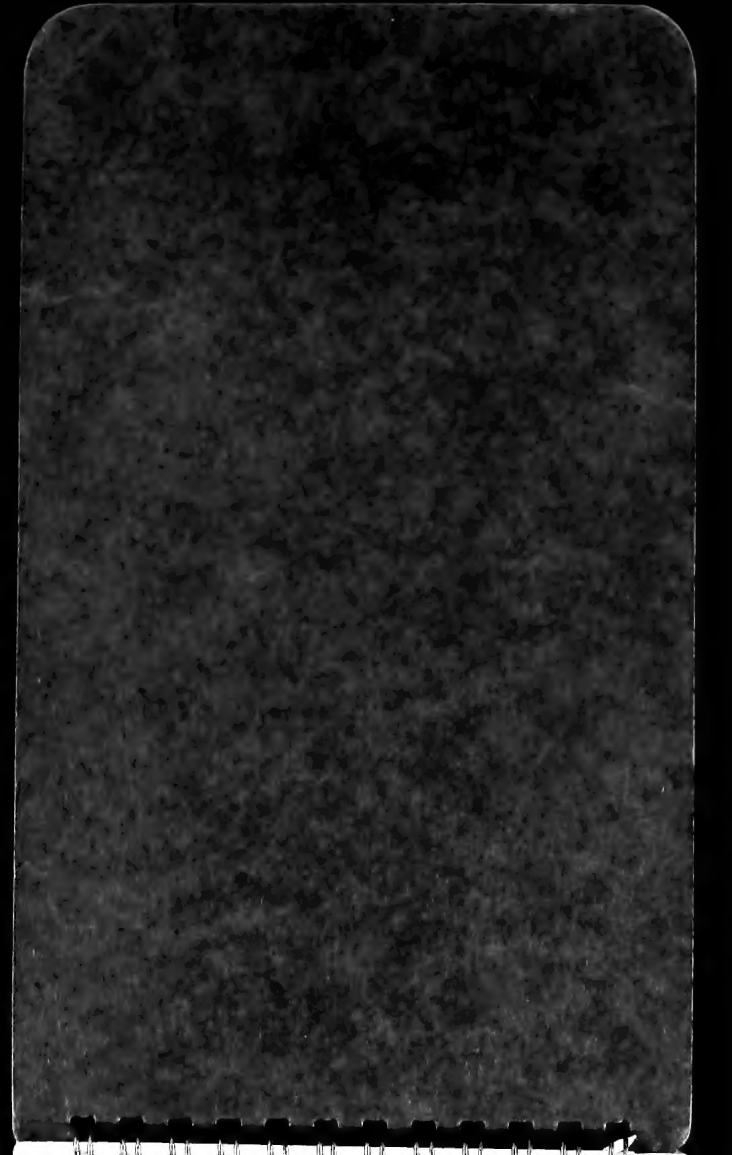


8860 - 8936



8860 - April 20, 1961

Open, rocky, gravelly,
granitic hillsides on
south slope of Beaverdam
Mts., 7 miles north northeast
of Utah-Arizona boundary,
a little more than 2 miles
above Castle Cliffs, on U.S.
highway 91, between St. George
and Mesquite (Nevada),
Washington Co, Utah. Joshua
tree zone, at lower limit
of juniper and sagebrush,
but above the Larrea community.
Aromatic, thorny shrub
3-4 dm. tall; flowers blue-purple.

Thamnosma montana

Torr. & Frem.

Thamnosma

6

0.520

8861 - April 20, 1961

Same place as 8860.

Shrub 3-7 dm. tall. Rays

(7) 8-10 (11).

Haplopappus linearifolius DC.

var. *interior* (Coville) Jones

1 *Haplopappus*

(10)

? check ✓

8862 - April 21, 1941

Same place as 8860. Mephitis
annual; flowers lavender
to nearly white.

Gilia sinuata Dougl., sens. lat.
(the *G. inconspicua* phase)

Gilia aff. sinuata

(4) ✓

8863 - April 70, 1961

Same place as 8860.

ascending annual; flowers
lavender, the banner with
a pale spot

Astragalus nuttallianus ^{A. DC.} ~~A. DC.~~
var. *imperfectus* (Rydb.) Barneby

det. R. C. Barneby

Astragalus

(8)



8864 April 20, 1961

Same place as 8860

Plantago patagonica Jacq.

Plantago purshii

(8) ✓

8865 - April 20, 1961

Shrub 6-8 dm. tall
with white bark. Heads
yellow, with 12-18 rays.

Tarrea-Fouquieria-Yucca
brevifolia community on
Norman Mesa, west
of Mesquite, Clark Co., Nevada

Encelia frutescens Gray
var. *virginensis* (A. Nels.) Blake

Encelia (6)



5866 - April 20, 1961

Sandy soil on Mormon
Mesa, 12 miles northeast of
Glendale, Clark Co., Nevada.

Heads white, the marginal
flowers shortly quasiradiate.

Chaenactis fremontii Gray

Chaenactis (9)



Cronquist & Janice Beatley

5867 - April 21, 1961

Larrea flats 11 miles north-
west of Las Vegas, Clark Co.,
Nevada, along U.S. 95.

Annual fls. yellowish

Eriogonum trichopes Torr.

Eriogonum trichopes (minim.) ✓

C+B.
8867 - April 1, 1961

Same place as 8867

Perennial; heads yellow.

Rays mostly 13. Plant
middle of larvae

~~*Eriogonum trichopus* Torr.~~

Dyssodia thurberi (Gray)
A. Nels.

Dyssodia thurberi D

218869 April 21, 1961

Crooked yucca community
on broad alluvial fan
in Las Vegas valley, 21 miles
northwest of Las Vegas,
Clark Co., Nevada.

Much branched, thorny,
taprooted, aromatic shrub
2-4 dm. tall. Heads yellow.
Rays mostly about 8

Acanthopappus shockleyi Gray

Acanthopappus (6) /

C. & B.
8870 - April 21, 1961. On
broad, pebbly alluvial fan in
Las Vegas valley, 50 miles
north of Las Vegas, Clark Co.,
Nevada
Flowers purple.

Phacelia crenulata ^{Torr.} ~~Fernald~~
sens. lat.

Phacelia crenulata

(6)

C. 13. 8871 - April 22, 1961 Open,
rocky (limestone) slopes in
Coleogyne - Yucca brevifolia
community, overlooking Yucca
flat from the west, several
miles north of Mercury, Nye
Co., Nevada. (A. E. C. test site.)
About 4500 feet. Flowers
yellow

Cryptantha
confertiflora (Greene) Payson

Cryptantha (4)

8872 - April 22, 1961.

Same place as 8871 - Bracts
red-tipped, the shade varying
from plant to plant.

Castilleja chromosa A. Nels.
dupl det. Marion Beunbey

Castilleja Chromosa

(3) ✓

C. JB

8873 - April 22, 1961

Same place as 8871.

Pistals dull as in previous,
tinged with anthocyanin
toward the tips.

Arenaria macradenia Wats.
var. *parishiorum* Robins.

Arenaria macradenia (7)

8874 - April 22 1961.

Gravelly limestone wash,
otherwise same place as 8871.

Heads nodding when young,
becoming erect at anthesis.
Corolla dull pinkish and
dull ochroleucous, the
pinkish color more promi-
nent distally.

Chaenactis macrantha Eat.

Chaenactis macrantha (13) ✓

C. 18. 8815 - April 22, 1951

Summit of west-facing spur
atop Rainier mesa, about 50
miles northwest of Mercury,
Nye Co., Nevada. Pale porphyry
soil. *Pinus monophylla* -
Artemisia tridentata community.
Flowers yellow. ~~April~~
~~Fr.~~

Elevation about 7600 feet

Lomatium foeniculaceum (Nutt.)
Coulter & Rose
var. *macdougalii* (Coulter & Rose) Cronq.

Lomatium macdougalii (5) ✓

0 0 0 0 0 0 0 0 0 0 0 0

8876 - April 22, 1961
C. J. B.

Valley west of Rainier
mesa, about 50 miles north-
west of Mercury, Nye Co,
Nevada.

Tapered. Semi-shrub
with low holly flowers.

Sinanthus nuttallii
(Gray) Ewan
Ewan

Sinanthus nuttallii (2)

5577 - April 22, 1961

Juniper. *Pinus monophylla*
slope, volcanic basaltic
area, west of Rainier Mesa,
about 50 miles northwest
of Mercury, Nye Co., Nevada.
Plants tufted, without
rhizomes

Poa fendleriana (Steud.) Vasey
The long-liguled form.

Poa fendleriana ✓ (14)

C.13.

8878 - April 22, 1961.

Same place as 8877.

Petals purple.

Arabis holboellii Hornem.

var. *retrofracta* (Graham) Rydb.

Arabis - petals purple

5

8879



Arabia



C-18 8880 - April 22, 1961.

Same place as 8877. Plants
palmate - cespitose;
perianth light yellowish,
waxing to reddish.

Eriogonum cespitosum

CVB. 8881. April 22, 1961

On *Juniperus astersperma*
only, in pinon (*Pinus monophylla*) - juniper - sagebrush
community, near the west
base of Kainier mesa, 40-mile
canyon drainage, nearly 50
miles northwest of Mercury,
Nye Co., Nevada. Stems
yellow-green; fruits
ellipsoid, white.

Phoradendron juniperinum Engelm.

✓
Cercularium on juniper ⑨

8862 - April 22, 1961. Sandy soil
C18.

in sagebrush-*Pinon*-*Juniper*
community in valley west of
Rainier mesa, 40-mile canyon
drainage, northwest of
Mercury, Nye Co., Nevada.

Perennial; leaves glaucous;
petals many pale bluish
(almost white) with some
darker lines, especially
toward the base. Petals
never spreading out flat as
in *L. lewisii*, and tending
to persist for some time
after anthesis instead of
being promptly deciduous.

Linum sp. aff. *L. perenne* var.
Tewisii

Linum

(21)



8853 - April 22, 1961

Same place as 8882.
Corolla pink to nearly
white

Phlox stansburyi (Torr.)
Heller

Phlox stansburyi (6) ✓

¹¹⁴8884. April 22, 1961

Open rocky west slope with
Artemisia arbuscula;
drainage of 40 mile canyon,
northwest of Mercury,
Nye Co., Nevada

Flowers pink-purple,
the banner with a pale
spot.

Astragalus purshii
var. *tinctus* Jones

det. R. C. Barneby

Astragalus purshii (1) ✓

5885 - April 22, 1961

Sandy flats below west
base of Rainier mesa,
drainage of 40-mile canyon,
northwest of Mercury,
Nye Co, Nevada. Artemisia
Zone.

Leaves glaucous;
stamens white.

Cymopterus ripleyi Barneby

Cymopterus ripleyi? (1) ✓

C13
8886 - April 23, 1961.

Collegium - Jarvis community,

eastern part of Jackson Flat,
about 25 miles northwest of
McNary, Nye Co., Nevada.
About 4000 feet elevation.

Flowers pink-purple.

Gilia cana (Jones) Heller
var. *triceps* (Brand)

Gilia cana

(19)



8887 - April 23, 1961

with 8886 -

5 larvae bright magenta -
purple, above yellowish
basal part of the tube.

Nama demissum Gray
var. ~~demissum~~
demissum

Nama

(2)

C. B.
8888 - April 23, 1961

with 8886.

Heads luscious, yellow

Eriophyllum pringlei Gray

Eriophyllum pringlei - (16) ✓

88889 - April 23, 196

Some places as 8886.

Disk pinkish in bud,
white at anthesis;
phyllaries antherogenic
distally.

Chaenactis cephaloclinia Gray

✓
✓
Chaenactis cephaloclinia (D)

C.B.

8890 - April 23, 1961

Same place as 8886.

Herbarium.

Chaenactis stevioides H. & A.

Chaenactis stevioides (19)

8891 - April 23, 1961

218

Gravelly soil in open
pinon-juniper woodland
near the top of Shoshone Mt.,
about 25 miles northwest
of Mercury, Nye Co. Nevada.
Elevation about 6500 feet.
Corollas closed when plants
collected at mid-afternoon
(probably vesperal),
white with a dull pinkish
overlay especially on the lobes.

Linanthus dichotomus Benth.

Linanthus
6500

(25)

CLB 8802 - April 23, 1961.

open gravelly slope,
recently burned, in
pinon-juniper zone, near the
top of Shoshone Mt., about
25 miles northwest of
Mercury, Nye Co., Nevada.
Elevation about 6500 feet
Flowers yellow.

Physaria chambersii Rollins

Physaria (15)

C23

6373 - April 23, 1961.

Same place as 8892.

Corolla tube yellow - blue
Spreading limb blue-lavender

Phacelia fremontii Torr.

Phacelia (9)



C¹³
8894 - April 23, 1961.

Same place as 8892.

Corolla pink to nearly white.

Phlox longifolia Nutt.
sens. lat.

Phlox longifolia? (8) ↙

C1B

8895 - April 23, 1961.

Same place as 8892.

Heads yellow; rays 5 (6-7)

Syntrichopappus fremontii Gray

Syntrichopappus

✓
rays 5 (9)

|||||

C+B.

8896 - April 23, 1961

Rock crevices at Topopah
Spring, lower edge of
pinon-juniper zone, south
side of Shoshone Mt., about
25 miles northwest of Mercury,
Nye Co., Nevada. Elevation
about 5800 feet.

P. alata micranata (~~D.C. Eat.~~) D.C. Eat.
(D.C. Eat.) D.C. Eat.

var. micranata

Not recorded from Nevada
by Toyon (1957).

born. (6)

6897 - April 23, 1961

along gravelly bottom
of wash at Topopah
Spring, south side of Shoshone
Mt., about 25 miles northwest of
Mercury, Nye Co., Nevada
Elevation 5800 feet

Banner light pink-purple;
rings dull whitish or
achroous.

(Former edge of piñon-juniper
zone.)

Trifolium andersonii Gray

Trifolium

(11)



8898 April 23, 1961

Open, rocky soil at lower
edge of pinon-juniper
zone, just below Topopah
Spring, south side of Shoshone
Mt, about 25 miles north-
west of Mercury, Nye Co.,
Nevada. Elevation 5800 feet.
Petals white.

Arenaria congesta Nutt.
var. *subcongesta* (Wats.) Wats.

det. Bassett Maguire

Arenaria ~~subcongesta~~ congesta (6)

C.B. 8899 - April 23, 1961
Same place as 8898.
Flowers whitish.

~~Actinaria~~

Thysanocarpus curvipes Hook.
var. *radiatus* Jeps.

Thysanocarpus (6) ✓

00000000000000000000

CJB

8900 - April 24, 1961
 Frothills below Mt. Saylor,
 west of Frenchman's Flat,
 north of Mercury, Nye Co.,
 Nevada. Larrea community.

Elevation about 3700 feet.
 Shrub about 6 dm. tall.
 Corolla a nondescript pale
 color, except for the rich
 dark purple ~~of the~~ upper
 surface of the lower lips.

Salazaria mexicana Torr.

Salazaria

(13) ✓

CJB 8901 - April 24, 1961

Same place as 8900.

Shrub about 5 dm. tall.

Flowers bright dark
violet-purple

Dalea fremontii Torr.

Dalea

(5)

C15
8902 - April 24, 1961

Same place as 8900.

Stem glaucous. Flowers
pale bluish.

Delphinium amabile Tidest.

Delphinium

2



8903 - April 25, 1961

Lancea communis, just south
of the south end of Sheep Hole,
4 miles northeast of Desert
House Kang station, Clark Co.,
Nev.

in a quirt, Lance Beatley, &
Philip Wells

Shrub about 1 m. tall.

Senecio douglasii T. & G.
var. *monosensis* (Greene) Jeps.

Senecio (16)



8904 - April 25, 1961

Cranford, Janice Beatley,
and Philip Wells -

Same place as 8903

about 3-6 am. Heads with
a single ray, or some of
them discoid.

Amphipappus fremontii T. & G.

Amphipappus (8) ✓

8905 - April 25, 1961

Cronquist, Janice Beatley +
Philip Wells same place
as 8903.

Broad shrub about 5 m tall

Rays 3-6, mostly 5

Psilostrophe cooperi (Gray) Greene

Psilostrophe

(7)



8906-April 25, 1961

Cronquist, Janice Beatley,
& Philip Wells - Crevices
in limestone cliffs in
canyon at north end of
Las Vegas Range, below
Sawmill Spring (Sheep Mts.),
Clark Co., Nevada. Coleogyne
community, just below
the pinon-juniper zone.
Plants apparently annual,
mexhite; corolla white.

Phacelia rotundifolia Torr.

Phacelia white.

(4)



8907 - April 25, 1961
Cronquist, Janine Beatley
and Philip Wells. Open
gravelly slopes in *Coleogyne*
community, just below
the piñon-juniper zone,
in canyon at north end of
Las Vegas Range, below
Sawmill Spring (Shup mts.)
Clark Co., Nevada.

Flowers on some plants
yellow, marked with red
in the throat, in others
magenta, marked with
yellow in the throat,
the two types growing
intermingled.

Mimulus parryi Gray
Apparently new to Nevada.

Mimulus (12) ✓

8908 - April 25, 1961.

Cronquist, Janice Batley,
and Philip Wells. Same
place as 8907. Corolla
white or when fresh, more
definitely yellow when dried.

Gilia filiformis Parry

Gilia micrantha

(2) ✓

8909 - April 25, 1961.

Cronquist, Janice Batley,
and Philip Wells. Open,
gravelly flats above the
canyon bottom in *Cercocarpus*
community, just below the
Pinon-juniper zone, in
canyon at north end of
Las Vegas Range, below
Sawmill Spring (Sheep Mts),
Clark Co., Nevada.

Leaf solitary, thick,
not much flattened.
Perianth white.

Allium nevadense S. Wats.

dupl. det. Marion Cronquist

nevadense.

Allium ~~l. nevadense~~

(7)

8910 - April 25, 1961

Cronquist, Janice Beatley,
and Philip Wells, same
place as 8909. Plants
abundant. Corolla white,

Linanthus demissus (Gray)
Greene

71

8911 - April 25, 1961
Cronquist, Janice Bentley,
and Philip Wells. Same
place as 8909. Corolla
minute, white.

Cryptantha gracilis Asterh.

Cryptantha (21) *gracilis* ✓

8912 - April 25, 1961.

Gravelly slopes in open
pinon-juniper woodland
at east base of Sheep Mts.,
below Sawmill Spring,
near the north end of the
Las Vegas Range. Corolla
limb lavender, the tube
yellow.

Cronquist, Janice Beatley,
and Philip Halls

Phacelia fremontii Torr.

(14)



phacelia - cor. - yellow tube

8913 - April 25, 1961.
Cronquist, Janice Beatley
and Philip Wells.
Same place as 8912. Corolla
lavender, with a yellow throat

Gilia sinuata Dougl., sens. lat.
(the *G. inconspicua* phase)

Gilia aff. *sinuata* - lavender. (9)

8914 - April 25, 1961.

Cronquist, Janice Beatley
and Philip Wells.

Same place as 8912.

Flowers white.

Draba cuneifolia Nutt.
var. *cuneifolia*

cuneifolia
Anno: *Draba* - in the

(18) ✓

8915 - April 25, 1961.
Cronquist, Janice Beatley
and Philip Wells.
Same place as 8912.

Herbage very glaucous.
Flowers blackish-purple
above or pale greenish-ochro-
leucous base.

Streptanthus cordatus
Nutt.

Streptanthus (5) ✓

8916 - April 25, 1961

Cronquist, Janice Beatty
and Philip Wells.

Same place as 8912.

Petals pink-lavender.

Arabis perennans Wats.

Arabis - pink-lavender (7)

8917 - April 25, 1961
Cronquist, Janice Beatley,
and Philip Wells.

Same place as 8912. Corolla
pink-purple, the wings =
whitish-tipped.

Astragalus calycosus Torr.

det. R. C. Barneby

~~*Hesperis matronalis*~~
wing, wh. d.
Astragalus calycosus

(6) ✓

8918 - April 25, 1961

Same place as 8912.

Cronquist, Janice Beatley
and Philip Wells. Bracts
bright red.

Castilleja chromosa A. Nels.
Synpl. det. Marion O'Quinn

End of Beasley collecting

8919 - April 7, 1961 - Gravelly
soil of *Coleogyne* - *Larrea* -
Yucca brevifolia community
in foothills east of Sheep
Mts., along road leading
from Mormon Well to U.S.
highway 93, about 12 miles
southwest of the highway.
Flowers blue-purple.
Clark Co., Nevada

Phacelia crenulata Torr.,
sens. lat.

295.9 306.9
Phacelia (14) 12 miles ✓

8920 - April 27, 1961.

Same place as 8919.

Corolla small, white.

Gilia polycladon Torr.

Gilia. fls white.

(6)

8921 - April 27, 1961

Same place as 8919

Corolla small, white

Cryptantha nevadensis

Nels. + Kennedy

Cryptantha

⊕



8972 - April 27, 1961.

Same place as 8919. Corolla
small, white.

Pectocarya linearis (R. & P.) DC.
var. *platycarpa* (Munz & Johnston)
Cronq.

Johnst. ↗

Pectocarya

⑧



8983 - April 27, 1961
Same place as 8919.
Flowers white.

Oenothera refracta Wats.

Oenothera - white (3) ✓

8984 - April 27, 1961.

Same place as 8919. Corolla
lavender, flecked with
deeper purple.

Langloisia setosissima (T. & G.)
Greene

Langloisia

①

✓

8925 - April 27, 1961
Same place as 8919

Stylocline micropoides Gray

Evot (2)

✓

8926 - April 27, 1961

Same place as 8919. Growing
with #8927, *P. festigiata*,
but sharply distinct.

Plantago patagonica Jacq.

P. Plantago - short peduncles (5) ✓

5927 - April 27, 1961
Same place as 8919. Peduncles
erect, stiffly ascending,
but not erect. Growing
with # 8926, *P. patagonica*,
but sharply distinct.

Plantago fastigiata Morris

Plantago. long pedunculate, ✓ (D)

8928. April 27, 1961 - Very sandy soil along dry wash in first large valley east of the Sheep Mts., along the road from Mormon Well to U.S. highway 93, 2.5 miles west of the highway - Clark Co., Nevada. Plants appearing very different from the much commoner *B. multiradiata* (which was not seen at this station), because of the smaller size, freely branched, leafy stems, and smaller heads.

Baileya plinioides Harw. & Gray

304.2 - 3969

Baileya plinioides

21 ✓

8929 - April 27, 1961
Same place as 8928
Corolla minute, white.

Cryptantha micrantha
(Torr.) Johnston.

Cryptantha (F) ✓

8930 - April 27, 1961.

Same place as 8928. Flowers
yellow. Only a few plants seen.

Lesquerella palmeri Wats.

lesquerella (1)

8931 - April 29, 1961.

Crevices in flat lying sandstone rocks in open country (with scattered junipers) about 29 miles southwest of Hanksville, Wayne Co., Utah. Twp 29 S., R. 7 E., S 36. Elevation 5200 feet. Shrub 2-5 dm. tall, compactly branched.

Shepherdia rotundifolia Parry

~~Elaeagnus~~ *Shepherdia rotundifolia* (9)

8932. Same place as 8931
April 29, 1951

Castilleja chromosa A. Nels.
Dupl. det. Marion Cunniff

Castilleja chromosa (2) ✓

8933 - April 29, 1961.
With scattered junipers
in open, sandstone country
about 29 miles southwest
of Hanksville, Wayne Co.,
Utah. Twp. 29S, R. 7E, S. 36.
Elevation 5200 feet.
Gnarled shrub 2m. tall.
Flowers faintly yellowish.

Fraxinus anomala Torr.

Fraxinus anomala

(6)

8934 - April 29, 1961
Same place as 8933

Same as the 1st page

(2)

8935 April 29, 1961

Barren stony clay slopes
in badlands about 23 miles
southwest of Hanksville,
Wayne Co., Utah. Twp. 29S.,
R. 8E., S. 16. Elev. 4700 feet.
Herbage glaucous. Flowers
white or partly purplish.

Cymopterus bulbosus
a. Nels.

74.7

Cymopterus

(13)



8936 - April 29, 1961

Same place as 8935.

Low shrub only 1-3 dm.
tall; dioecious.

Atriplex nuttallii Wats.
var. *cuneata* (A. Nels.)

62-
Atriplex 1-3 dm

(8)





\$5.00 Reward

for return to

Arthur Cronquist
New York Botanical Garden
New York 58, N.Y.

Scientific Data, of no
commercial value.

