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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

PLANTS OF THE MONO LAKE BASIN
NEVADA

Mineral County

Elevation ca.

ft.

Jack L. Reveal

Digitized by the Hunt Institute for Botanical Documentation

PLANT CO.
FIRST Collection

12-8-61
~~4-7-62~~
5-12-62
5-13-62



For yourself, your family, and
the good of the Forest Service,
Work safely—don't get hurt!

WASHINGTON 25, D. C.
FOREST SERVICE

U. S. DEPARTMENT OF AGRICULTURE

1300-18A (7-59)

45 ~~75~~ mg 75#

missings (Form out & sent w/)
1/21 1961 - 057 of
Hollings (21)

#1 three 53
12-8-1961
13 May 1962

#1 (16)

12/8/61

Eriogonum sp.

{ E. wrightii
SS nambro-
vaceum

- Joshua Tree N. Mex. in

- Lost Horse Valley

- El. 4400

- Dry wash - w/ granite
gravelly soils. (fda. ts
at base of granite
ridges.

Assoc. Sp. Yucca brevifolia,

Collegyne (Black brush)

Calif. Juniper, Opuntia

Sp.

Descript. Low

perennial shrub, much

branched, (no basal leaves)

#1 (cont) - 10-12" high
in clumps 2'-3' across
- flat topped. fibrous
roots. few leaved.
old seed stalks persis-
tant. flowering
rare this time of year.

Ident.

E. wrightii ssp
membranaceum

(17) Dec 8, 1961

(2) Eurogonum inflatum

- Dry wash below
Iron Age Mine, 15 mi
E. of 29-Palms, Calif.
- Elev. about 3500 ft.
- Deep gravel soils
from limestone
- bottom of wide
dry wash.
- Assoc. species:
Mesquite, smoke
tree, and others common
to the locality.
- Unusually early blooming
this specimen.

(18)
③ Prostrate annual
with minute lacy
leaves + flowers.

Euphorbia polycarpa
Same locality as
#2 var. *herstella*

~~④ Gray shrub
with very flexible
gray branches.~~

~~Loc. - same as ②
Bushy - 2-3' high
roundish profile.~~

#20 - 4/7/62

So. End Eureka Valley

Exposed flat. Elev \pm 3000

Low prostrate herb

yellow flowers, large
bell shaped - 5" - 8"

across top. Oenothera
Assoc. sp. Salsola pestifer

#19

Ectoparame alexandree
Eureka Valley

Sand dunes - in dune
 \pm 3000' - sand

No assoc. sp.

4/7/62

21. 4/7/62
Eureka V. flats
± 3000

Succulent - leatherly
leaved prostrate plant
w/ heads of white
small flowers.

ABRONIA nana(?)

22. 4/7/62
Eureka V. flat
± 3000'

22. 4/8/62 Eureka Valley

3/00. Sandy wash.
flat. *Oenothera*
laevis? Bright
lemon yellow flowers
w/ red throats.

Pink stem. Ovate-
lanceolate leaves,
with minor bract like
leaves on petioles.
Long slender achenes
asso. sp.

Greasewood
Atriplex

#23 - Same location
as 22 - 4 petals,
Cream colored, almost white
same genus as
22. Red speckles
in throat. Lt
gray green succu-
folage. Like
miners lettuce
4/8/62 Onoothera

#24. Same as
22 + 23.

Darker cream
colored flowers;
darker leaves.

Probably same as

25 4/8/62

Eureka V.

Sandy fan - E. to flat
3000 ft.

grease wood + horse
brush. - mallow
yellow flowered
Composit. woolly
leaves resembling
dandelion - low, erect

Baileya Sp.

26 4/8/62

Oenothera w/
white flowers.

O. coespitosum
var. *marginatum*

Same as # 22
location.

27 - 4/8/62

22 mi E. of
Utah/NeV line

High 6. Can't like
annual - purple
petals, head of purple-
like seeds.

Limestone rocky
soils - w. Exposure

Ranunculus
Beckwithii

(28) 4/7/62

Lepidium sp.

4000 ft. - dry wash
along road Big Pine to
Eureka Valley -
2 mi W. of Eureka
V. Asso. with
creosotebush, Atriplex,

L. lasiocarpum.

#29

Unknown (?)

5/7/62. Deep Wells

Pond at Quail Guzzler
(Small pond now)

1/2" high annual with
single yellow flower.

2 or 3 leaves - obovate -

1/4 - 1/2" long. Very moist

prunice soil. Sage type

(Fos.?)

~~5/12/62~~ 5/12/62 w/Arline
Big Pine - Eureka V. Road
Wash into Eureka V.
Elev. 3500' Erata, Graya
Yucca, etc fine soil
E. exposure.

(30) Hoppelopteryx
Sp. Low shrub 8"-14"
Yellow flowers.
Abundant

(31) Small white annual
with deeply toothed linear
leaves - 3"-4" high. head
cluster of flowers 1/4 - 1/2 inch
after flower like separate
flowers, aqads, etc)

(32) Gallata grass?
- rhizomes - common
in wash -

(33) Small annual - 3"-5"
with white to pinkish
tubular flowers.
Long seed pods (Cruciferae)
Linear - dentate leaves

(34) Small - 1"-1 1/2"
annual with leaf
circling stem like
petrafolium - only
3 found - leaf 1/2" across,
reversed.

(35) *Levant Turpino* -
rare. (1 sheet)

(36) *Thalassia* - numbers
with black flowers.

~~Common - 12-16" high~~

(37) *Prime Grass* from 5/1/3
large dull So. End 6/2

Savaha Valley clear

In pool. 2900
Ectospore

(38) *Savaha V. Sand dunes* 5/13/62

from dune - a *Stenolycis*?

Shrub. Basal. Tree-

like in form. 3'-5' high

Bright yellow flowers.

(39) Skeleton weed

Base of dunes in deep sand. Psoralea, Utricularia, mallow-halfrut - globose, 8" - 12" high. 5 white minutely, petals, purple, curled anthers.

(40) Astragalus?

Bushy halfrut Gray-blue. all plants mostly in seed Small, yellow flowers, Base of dunes - Eureka Va.

(41) Composite
3'-10" high - very
woody. Numerous
yellow head-petals
recurved back on
receptacle. Wash
below Sand Dunes - Eureka

(42) Prostrate, with
corrugated leaf
1/4" round, brittle,
underground root
stocks. No flowers.
Same as 41 location.

(43) Zuricha v. - 5/13/62

Eriogonum sp.

Low, rosette annual

Round leaves - 4" - 6"

spike. very small

+ slender. flowers

unexp., but none

have begun to flower

Common. Sandy wash.

(44) Small annual
w/ minute white flowers
w/ yellow sepals +
throat. Linear, lance.
leaves. glandular hairs

2" - 3" high - 3 to 4

branches, rosette

(45) "Minature daisy"
1/2" - 3/4" high with
perfect white flowers, yellow
head in center. Plant
is almost nothing but
clumps of 3 to 5 heads.
No leaves in evidence.
Sandy west - Eureka V. Dunes

(46) Minuted plant
w/ lavender flowers
throated. No leaves
except sepal
like one around
head. Roseate
1 1/2 - 2 1/2" broad, several
flowers on prostrate
branches. 1-3 branches

(47) Mureted plant
gray rosette
w/ one + yellow flower
heads in center. Crinkly
leaves w/ consp. veins
plms $3/4$ to $1\frac{1}{2}$ " across.

Also on this
mount are 2 other
specimens - 1 a
vetch-like murette
and a gelicia?

Sandy wash -
Eureka V. Sand dunes

(40) *Diogenes* sp.

Annual. Showy pinkish
white flowers with
basal leaves, purplish
& drying, spined along
edge. - 6"-10" tall.

Basal leaves only
much less common
than #43.

Sandy wash - Eureka
V. Dunes - 5/13/62

37 thru 48 - all from
Eureka V. NW base of
Sand Dunes. El. 2880

(11) 715704
Eureha V. Road
entering E. V. 4200'

Purple composite
Aster-like - yellow
heads, purplish
blue rays.

Low shrub - 12"-18"
w/ hairy, serrulate
leaves with spines
on tips of serrations.
Shrub: 2-3 globose
green pod-like "flowers"
Sticky

(50) Same as 49
location

Bright green succ.
herb - sharp. globose
24" - opposite bracts
- divergent, opposite
axillary leaves,
"flowers", green, reflex
- bellshaped - sticky
resinous.

(51)

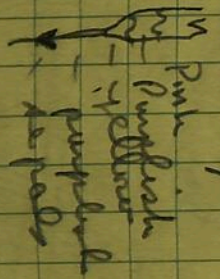
Yellow "sunflower"
- succulent half
shrub. Same loca. 49
Rather common, showy.
Erect Stipes - 18" - 24"

(52)

Eriogonum sp.
Minute skeleton
like. Axillary flowers,
2 basal, oval leaves.
flowers reddish (buds?)

(813)

Small, densely armed
w/ purple like ~~thorns~~
the bark brown 1/2"
wide 1/2" long -
Petals purple, grading
to purple, then yellow
then long, tube -



Stems thin, ~~to~~ long
hairs

logical

of nelson's
for
minette
many others

written
unwritten

unless - practically
shorthand.

J. Ravenel

PLANT COLLECTORS

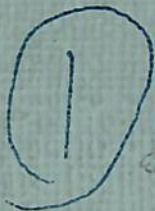
194 NUMBER L-0

Linum catharticum®

5-15-62

5-18-62

1A



60-208

Please Return to

Jack REVEAL

DIST. Ranger

USFS

Lee Vining, Calif

#60 *P. fremontii*

Plant Record

5/18/62 # -60-69 incl.

Hwy 395 - 17 mi So.

Benton - 3 mi N. Harris
Ranch. gravelly hill

wash; lime soil. So.

to SW exp. hillside

Grass sparse, then

legume, low subshrub Br.

Colea? Ephedra. 4800'

#(60) Phacelia sp.?

purplish blue fls w/
yellow tubes; leaves

fernlike. fls in curling

one-sided spikes. Several

curving branches - 4"-10"

61 - Nama aretoides
var. multifolium

(61) Phacelia sp.

Similar to (60), but
small (2"), pinkish-blue.
w/o basal leaves; leaves
linear, hairy, clustered
about flower. 1 to 5
stems from single crown.

(62) yellow "daisy": 1/2"
wide; plant 2"-3" high,
tufted, hairy, -6-8 stems
from common root. Flat
topped. Ray fls cut square
on end - 8 ray flowers, disk
fls perfect.

- Eriophyllum pringlei

Cryptantha circumscissa
var hispida

(63) Stem, phlox-like
annual, small. (2-4") very
hairy. Minute white flowers.
Spiny leaves + fls clustered
end of short stems.

(64) Mentzelia sp.
Bright yellow flowers.
Long, spindly, smooth,
whitest stems. Wide
spaced fls.

Mentzelia veatchiana

(65) *Glyptopleura* sp?
flat, thick, succulent
root crown. Dandelion
-like; crinkly edge of
grey-green leaves, whitish
on margin. flowers $3/8$ "
white, hidden in leaves.
Petals finely five-toothed;
bristly pappus.

(66) *Lapsula*? basal
dandelion-leaves; "rough
hairs on thin stems. fl.
small, bluish purple,
tubular

Gilia?

Digitized by the Hunt Institute for Botanical Documentation
Gilia sinuata

Lepidium flavum
var. flavum

(67) Prostrate, several
branched ann. w/ inconsp.
green herbaceous fls.
most leaves at axis.

fls in 3-duced umbel
lvs $\frac{1}{2}$ " ovate, slightly
3-toothed & unequally
on rounded tips.

(68) Dalea fremontii?
deep purple; intricate
branched, ridged except
new growth. No spots.
lvs pealike \pm 7 leaflet
D. fremontii var. Saundersii

(69) Spiny horsebrush?

Yellow fls; no ray
fls; no petals. head
fls perfect; 6-8 bracts.
lvs linear, at flower
nodes. heads $\frac{1}{2}$ " long.
long, thin slightly
recurved spines.

~~Tetradymia~~ spinosa.

Tetradymia axillaris

LIST OF Plants
collected to 5/18/62.
Re-cap from other note
books.

1. *Eriogonum* sp. Big Sand
flat.

2. *Delphinium andersonii*
Sawmill Canyon.

3. *D. andersonii*.

4. *Phacelia distans*.

Sawmill Can.

5. *Castilleja* sp. (Same loc.)

6. *Agoseris glauca* var.
lacinata.

7. Vetch-like annual.

(Unknown) Sawmill Can.

8. *Gilia modocensis*.

Sawmill Can.

9. "Purple puss-toes. Sawmill

10. *Phacelia fremontii*.

11. *Agoseris glauca* var

lacinata.

12. Yellow crucifera resembling
bee plant.

13. *Heliotropium curass-*
-avicum. Benton. lush,

fiddleneck. (var. *accumatum*)

14. *Mentzelia veatchi-*
anna. Benton.

15. *Anemopsis californica*

-herbomansa. Benton.

22. O. brevipes

23. " "

24 "

25. Baileya pleniradiata

26 O. deltoides

ssp. Eurekaensis

27 R. andersonii

22. *Oenothera cardiophylla* (?)
Bright lemon - yell w/ red.
throats. 4/8/62. Eureka V.
23. *Oenothera cardio-*
phylla (?). Eureka V. 4/8/62
24. Same sp. 22 + 23
25. *Baileya* sp. 4/8/62
Eureka V.
26. *Oenothera* sp. Same
as # 22. var. *marginatum*.
27. *Ranunculus beekwithii*
22 mi E. Nev-Ut. line Hw '6.
4/18/62.
28. *Lepidium lasiocarpum*
Road entering Eureka V.
from Big Pine 4/7/62
Tulare Co. 4400'

30

Acampopappus
shockleyi

31 *Chaenactis stevioides*
var *brachypappa*

30. Acomptopappus shochleyi A. Gray

29. Unknown. Abobe gazzer.

30. Happlopappus sp.

low, muchbranched shrub, 8"-14"
flat-top. Small linear lvs.

Yellow fls. Abundant blooms.

Wash into Eureka V. on

road from Big Pine El. 4800.

Gravelly lime soils. Grayia,

Joshua tree, Galleta grass,

cactii, Atriplex. 5/12/62

Inyo Co. CALIF, 4800'

31. Same loc. #30.

Small w. ann. '1/4"-1/2" rounded
head, outer fls perfect. Deeply
toothed linear lvs.

33a

Lepidium perfoliatum

32. Galleta grass

Hilaria rigida. Same loc.

#30

Jamesii

33. Same loc. # 30.

small 3"-5" ann. wh. to pinkish

Fls, linear dentate lvs; long
seed pods.

33c

#4. Same loc. #30.

Oxytheca perfoliata. ?

Saucer plant.

36(a) *Opuntia* sp.
flowers -

Same Loc # 30

35. Lupinus sp. Flavoculatus

dwarf sp. same loc #30.
+ Culoceras

36. Sphaeralcea ambigua?
sp. monticola
pink to nearly wh. fls. Same
loc. #30.

37. Ectosperma

Alexandrea, Eureka V.

DUNES. 5/13/62. Drift
sand. 2900'.

(rare)

(rare)

38 *Stanleya pinnata*?
sp. myocense
Eureka V. sand dunes.

Same loc. #37. 5/13/62.

large plants 3'-5' high from
heavy perennial roots. deep
sand. 2900'

Chaetadelpa wheeleri

39 A "skeleton weed."

Base of dunes-Eureka
V. 2900'. halfshrub. Globose,
8"-12" high. fls minute,
5 petals w/ purple anthers.
Assoc. Sp. *Jaleya*, creosote
bush, *Atriplex*, Mallow.
Lycodesmia sp.

40 A. lentiginosus
var micans

41
Baileya plumradiata

40 *Astragalus* sp.

Same loc. #39. Bushy

half shrub. Small yellow fls.

Latex juice. 5/13.

41. Compositae. Very woolly

3"-10" high. numerous

yellow fls; petals recurved.

Sand- / wash base of

Dunes, Eureka v. 5/13/62

Baileya

42 COLDENIA plicata?

Prostrate, rosette, deeply veined
leaves $\frac{1}{4}$ " wide. Underground
root stalks. (no flowers). Same
loc #41

43 Eriogonum sp. low,
rosette basal lvs. 4"-6" spike.

(no fls.) 5/13/62. Wash
at base of Sand Dunes,
Euroka Valley.

cernuum. ssp. tenue

Gilia inoyensis

44. Small ann. w/ minute
wh. fls. w/ yel. sepals &
tube. linear, entire lanceolate
lvs w/ glandular hairs. 2"-3"
high. 3-4 stems from root crown
Same loc.

45 Minute "Daisies". 1/2-
3/4" high w/ perfect wh. fls,
yel. head. Clumps of 3-5 fls
w/o lvs. Same Loc.

NAMA sp.

47a - Psathyrotes annua

46. Minute plant w/
lavender fls "throated".
Sepals, no lvs. Roseate,
1 1/2 - 2 1/2" broad., 1-3
prostrate stems, each w/
several fls. Same loc.

47a Minute plant, gray,
roseate w/ one yellow
composite fl. in center.
Crinkly lvs w/ consp. veins.
3/4 - 1 1/2" wide. (Also on
paper. a small vetch-like
plant & a Gilia?. Same
Loc.

48 Atrichoseris
platyphylla

48 *Compositae* sp.

Annual. lvs basal, drying,
spined margin. Stem 6-10"
Showy pinkish-wh. fls.
Much less common than #43.
Same loc.

Eureka V. - Big Pine Road entering
Eureka V., Inyo Co., Calif. 4400'
5/13/62. Atriplex, cactii,
chrysothamnus. Stony hill
wash - lime soil.

#49-53:

M. torrifolia

49 Machaeranthera

fortifolia (?) Desert
Aster. Blue-violet petals,
yellow hds; serrulate lvs
w/ spines on teeth.
Many showy fls. 12"-16" tall.
receptical sticky.

Mirabilis bigelovii retrorsa

50 Bright green half-shrub.
globe-shape 24". Opposite lvs
axillary lvs. fls green,
rayless, bell-shape, sticky.

Baileya ^{multi} radiata

[Encelium virginensis
var actoni

51 yellow Composite.

"Succulent" halfshrub.

Erect stems 18"-24".

Common, showy.

Baileya multirachata

52 *Eriogonum* Sp.

minute, skeleton-like.

2 basal, oval lvs.

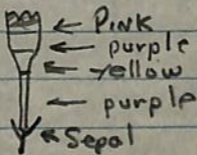
E. VIMINUM.

E. nidularium Cass.

var *nidularium*

Gilia modocensis

53 Small, thread-ann.
w/ purple tubular fls
 $\frac{1}{8}$ " w. $\frac{1}{2}$ " L. Petals
pink \rightarrow purplish \rightarrow yellow w/
purple tube. hairy stems



#7. E. capitatum var capitatum

70 Erysimum capitatum.

Walker Cr. Moraine - 5 mi

So loc. Vining. El. 6000 ft

Sage, Bitterbrush. E. to S. Exp-

osure. Gentle slope - deep

Morainal soils. 5/27/62

Common.

71. Castilleja ^{chromosa} sp.

Same loc. # 70. Red flowers.

Growing close under small
boulders or sage. Many
flower & stems. Perennial.

andersonii
72 Prunus fasciculata.

Same loc #70. Common.

73 Ribes sp. Same
loc. #70. Small yellow fls.

5/30/62. 14 mi. N. of Pole Line
Rd. - 3 mi. E. Hwy 395 (North
old benches of Mono Lake,
Sage, Bitterbrush, Desert
peach. 6600 ft.

74 Purshia tridentata.
now beginning to flower.

Common.

hybrid P.t. x P.g.

76 - Z. VENEROSUS
var. VENEROSUS

caespitosa var. marginata
(75) - Oenothera sp.

white fls; caespitose.

Sandy flat. fls open AM

76. Zygadenus ~~penniculatus~~ sp.

Outcrop of meta sedimentary
rock + ancient beach sand.

5/30/62. Bohler Cen. foot of
Williams Butte. Moraine soils.

Sage-Pinyon - 50. Exp.

(77) - Bromus teatorum.

var. glabrata

5/30/62 - Along Aqueduct

Rd. Walker Creek to Walker
Lake Trail Road. Atr. weeds.

Bitterbrush, Purslane. Documentation

80. L. caudatus

81 Abronia turbinata

78. Orchysopsis. hymenoides.
var. hymenoides

79 Balsamorhiza
serjitata.

80 Lupinus sp. perennial

81 Sand verbenia
Abronia sp.

Bridgport Canyon

6/2/62. Sage type - grass
El. 7000-7500. Rocky soil

x N.G.

82 Larkspur, low sp.

N.G.

x 83 Astragalus sp.
Low, perennial.

x N.G.

84 Violet, yellow-
Low, several flowers
perennial. Clump in
exposed ridges. Rocky
soil

86 Phacelia humilis
var humilis

NB
x 85 *Erigeron* sp.

Low, linear leaf, blue
petals (few) yellow
center. Sense "clay"
volcanic soil on steep
bedground above sp. +
meadow. Perennial

86 *Heliotrop* (?)

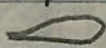
Pinyon - sage. white
exserted stamens - purple
anthers. Heads - several
flowers. Lvs. entire opposite
linear.

88 L. rediviva ssp minor

X 87 ^{N.G.} Mertensia
low. pink + blue.

88 Lewisia.
Exposed lava ridge.

X 89 Phlox sp

X 90 Unknown.
white, low, 5 pet. + lvs.
short stemmed  2" / own
stamens between petals.

91. E caespitosum

(91), *Eriogonum* -
prostrate mat.
small flower heads
on short stems.

6/3/62 - Mill Cr. 1/4 mi
w. of 395 - Moraine - sage,
Ptr. Desert peach.

92 low Annual - Bell
shaped flowers. Corolla 5
lobes, pin. compound. Leaflets
w/ 3-4 parts - +- 12 leaflets
Pinkish flare, yellow
tube on fls. Sepals narrow
linear. Very common
ann. Phacelia
fremontii

94. Lajiw glandulosa
ssp. glandulosa

(93) Carex sp.

Lee Vining Can at R.S. -
flat - 6500' - Moraine soil
Dry. 6/4/62

Sherwin Grade -
6/6/62 - 4000 ft. So.
slope. Gravelly moraine
soils or Bishop Tuff.

94 white flowered an.
yellow center. 8 Petals each
3 serrate. Divergent
slender stems, rough;
oblong. lvs, axillary.
1" long. fls 1" - 1 1/2 wide
Several fls - single heads

95. Phacelia cryptantha

96 M. veatchiana

97 E. lanata ssp subspinosa

(95) *Phacelia distans*?
annual - fernlike lvs.
pale blue fls. Brittle
green stems, decumbent

(96) *Mentzelia* sp.
Comm. annual.

(97) *Eroica lanata*.

99. T. glabrata.

(99) *Tetradymia* sp.
full bloom.

(98) *Mentzelia*
spinescens. seed.

6/9/62 - 1 mi N. of Pale
Line Rd, Bridgeport Can.
Sandy old beach. Sage
Chrys. Desert shrub. 6500'
So. Exposure - 1 m +
Soak Reveal

100 3. viridis

100 Ephedra
californica S. Wats

101 Eriogonum umbellatum
 Torr ssp. polyanthum (Benth)
 S. Stokes

Same area as 100

102, Grayia spinosa

Same area as 100

103 Nama densum
var densum.

105. C. brevicornu
ssp spathulata

? blue?
103. white fl. ann. 2"-3" high. ...
Same as 100.

^{bigloui}
~~M. paniculoides var. pitosensis.~~

104. *Minutulus* (?)

Same as 100. Lvs bluish-purple
- 2"-3" high. annual. 1-2 fls/plant
Lvs. entire - 1/2"

105 *Chorizanthe thibetica*

1 1/2 - 2 1/2" - aca. green. basal lvs
+ stalk like *Cuscuta*. ann.

106 Cryptantha petrocarya
var cycloptera

107 G. sinuata var
sinuata

108 Denothera contorta
var contorta

106

Tall - (8-12") an. with small
wh. fls - small yel. dot in center
few linear lvs.

107 Gilica sp. 2-4" minute

blue fls. Thin lvs + stems.

Rough feel. an.

108 Oenothera.

2-4" - thin reddish stems -

minute yel. fls. - thin

linear lvs. an.

209 Gilia injoensis

110 G. leptomeria

109 minute thready ann.
consp. white fls. w/ yellow
throats. 5 petals; once dentate
1/2 - 1 1/2" high.

110 Galia.

bluish wh. fls. - fern-like
leaves. Along the pole line
to Hawthorne 3mi E of Highway
395. Sandy soil associated
with Desert Scrub. Elev 6500

112 Crepis intermedia

113 M. albicaulis
var. albicaulis

111. Iris missouriensis?

1 mi NE Mono Inn -
Conway C. w. chv.

112. Solidago?

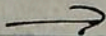
Tall yell. per. several small
heads - 6 petals. Short
rhizomes. Frs. similar to
mt. danielson - basal.

113 Nutzellia sp? an.

Small yell. fls. - 2"-10"
basal lvs fanlike; upper lvs
entire. fls tubular. green
sepals. Seeds long, thin hairy

114 Cryptantha watsonii

Jim & Jack R



114 Boraginaceae? am.: very sticky
fuzzy w/ minute fls in hds.
Lvs. linear narrow. 4"-8"
gray green - several stems.

115 Erodium cicutarium
pinnate lvs. basal. bluish
purple fls.

6/9/62 - Jim + Jack R.

Leev. Creek at Hwy 395.

Sage type w/ Ptr, Chry, etc.

6400' - flat. (Muscine
soils)

116 Oryzopsis bloomerii

116 Stipa sp.

perennial - 24"-30" - bunchgr.

117 Stipa comata.

along stream @ LeeVining Ranger
Station from the upper end of
the Camp Ground to the
road leading into the camp
ground. On wet soil associate
with Willow, Aspen, and grasses.

118 S lutea var lutea

120. Barbarea orthocerus
var. orthocerus

121 S. idahoensis

118 Salix

large shrub 10-12' high.

119, *Cestiflora* - I don't know about
this - might be a new species.

large green leafy plant, red
flower. Along the stream
in the grass.

120 *Panicum* sp.

121 *Sisymbrium*
Blue-eye grass!

122

Mimulus. prunulaeides
var. pucelloides

123 Trifolium?

124 Veronica

125 Fritillaria

126
Cardamine cordifolia

127 *Equisetum arvense*

128 Caryophyllaceae
Mouse-ear

129
West Shore of Mono Lake
on sandy beach pumice

129 Distichlis
Salt grass

6/10/62 - Above lower
Horse Mdw - top of
Moraine - 7000' - Sage-
Pin-on-Grass.

Limnanthus muttallii ssp
130 Phlox-like muttallii
per,
white fls. w/ yell anthers -
5 petals. Lvs. linear in
whorls at nodes.

131. Phlox. stansburyi var?
Per. Anthers yellow.
Lvs. linear - might be a new
var.!

132. D andersonii

133. Calyptridium
umbellatum caudiciferum

134

Phacelia hastata
var compacta

132 *Larkspur* - "low"
deep to pale purple
flowers. 12" - 24" tall.

Little Sand Flat at
no. end of Mow Gates.
6/11/62. (Jack)

133. *Passy toes.*

134. *Hydrophyllaceae*
Low per. lanceolate veined
leaves. Ads. of white flowers
like some *phacelias*

135

L. duranii

136

Hulsea vestita

var vestita

135 Lupine - one
pure white - one blue
no seeds yet.

136 Composite Aster?
yellow fls; reddish
on back - wooly lvs.
low - one to 2 stems/
plant,

137 E. kennedyi
ssp kennedyi

138 Phacelia cryptantha

6/19/62

~~137~~ Truman Mdw Rd

Sage-Jumper.

2 mi above Queens

Valley - Pinon-Jun.

Lava soils w/ rock
S. slope.

137 *Eriogonum*.

caespitose - matted
white fls - stalks 3-6"
herb.

138 ^{lite} *Purple phacelia* (?)

Curled hel; pinnate

lvs, sp. pinnate.

purplish stem.

Abundant plant

239 Mimulus densus

139 Small bright
yellow monkey flowers.
Common plant.

6/18/62

PIZONA Rd. 2 1/2 mi
N. of River Sprs -
Adobe V. SW. Exp.

PINYON - JUN. - Sage.
Lava soils w/out-
crops. Sandy - Pumice

140 Lupine. (annual)
— large 12"-14"
fleshy - purple fls.

141 Caspates Phacelia
"yellow throat" -
for resembling sand
verbena. Prostrate
"stars": Blue fls. w/
yellow throats, 3"-4"
high - 6-8" broad.

142 E. ovalifolium

143 E. umbellatum ssp
polyanthum

142 *Carpenteria* *Erag.*
show heads of yellow
flowers. 1" - 1 1/2";
stalks - 3".

143 *Eragomum* -
vine-like, tall
loose stems w/ ball
heads of yellow
fls., clusters of
spatulate lvs.,
at nodes along
limber, woody
stems.

244. Allium campanulatum

P. humilis

6/26/62

Upper Horse MdW - ridge
1/4 mi so. JP-ford.

Sage-grass-wd. type.

8500 ft. Rocky soil w/
"metased." rock.
?

144 alium bright
blush-red flowers.

145 Phacelia sp.
purple fls in heads.
Annual, 2"-6"

S. thurberiana

Koeleria cristata

Poa secunda

146 *Stipa* - perennial

147 Grass with purplish
long cylindrical
heads -

148 Fescue?
perennial - bunch grass.

Melica stricta

Wyethia mollis

149 Sitanion hystrix

150 Grass "sknephore"
like heads, tall
perennial.

151 Wyethia amplexi-
caulis.

152 Dexter Cr. Rd in
Old burn - 2 mi E. Wet
Mdw. JP-ATR-6v type
Flat to N. slope.
Pumice + gravel soil

Eriophyllum lanatum
var integrifolium

B. carinatus

6/27/62

157 Low Yel. Composite

"Sage like" gray-green

fuzzy leaves. Ray fls.
ref. - ± 8. - tuberculate finely.

Sepals - 1 row campanulate.

Not common. - only ones

seen. 12-15 heads on

prostrate runner. Perennial

6/27/62

Lee V. R.S.

153 *Bromus carinatus* (?)

154 Orchard grass

E. umbellatum

ssp *polyanthum*

155 *Erigeron* sp.
umbel heads - yellow
violinlike - form - perennial
Deep Wells Rd. - lower
outcrops about 8 mi
So. of Pole Line Rd.

E. umbellatum ssp. poly-
anthum.

#156,

check Sep. of 156,

158 O. hookeri

7/16/62

156 1/2 mi W. of Old

Benton on hwy 120

Oolea polyandria
var. sub-nuda.

Lea. Viripis R.S. 7/16/62

157 Elymus condurc-
tus.

158 Oenothera

sp.

Tall yellow
annual

Lilium parvum

Aconitum columbianum

ssp *aggregata*

June Loop (Reversed Ca
Fern Creek - near old
Dairy - 7/17/62

159 Tiger Lily

160 Tall Larkspur

161 Scarlet Gilia
G. aggregata

Haplopappus aargioides

T. longipes ssp. *longipes*

P. nevadense

E. umbellatum ssp
polyanthum

7/24/62 -

Sentinel Mdw.

162. Mt. Dandulwan.

163 Trifolium.

164 - POA Sp.

Timber: 1 mi. S. Sentinel Mdw

165 Eriogonum sp.

Comm. bushy perennial

Lodgepole - sage type.

7/24/62

166 *Lupinus* sp. Perennial
from woody base. Purple.

I. Pole-sage. Open pumice
soil - Timber 1 m. S.
of Sentinel mtn.

7/24/62

Sagehen Peak. (So. of
Big Sand flat - Hwy 120

Open-sage - Ptr type

167 *Lupinus* sp.

White flowers (some
pale blue - rare) grass
from Lazerine.

168 P. speciosus ssp
kennedyi

169 C. ~~chromosa~~
chromosa

168 Penstemon ?
Blue with pinkish
tube.

169 Castilleja sp.
"dandelion leaf."

020 E. umbellatum ssp
polyanthum

071. T. canescens

Hillside-moraine
across from L.V.R.S.
7/24/62
170

Erigeron sp.

from which Jim collected
pollen. Shrubby. Comm.
perennial.

171 Thrademiac sp.
yellow flo.

e22 Polygonum
monspeliensis

e23 D. spicata var stricta

7/26/62

OLD BENTON -

Lake shore at lower end
of meadow.

172

Alopecurus sp.

173

DISTYCHIS sp.

124 E. incanum

175. Phyllocladus
breweri

176 - Spiraea densiflora

Tioga Pass at Tioga L.
ON rocky outcrops -
L.P. Limber pine. 7/27/62
174.

Eriogonum sp
low, caespitose resemble
umbellifera. Yellow fls.

175 - Heath - scarlet
flowers. Edge of lobe

176 *Spirea* (?) pink fls
in lvs end of branches.
Burch like lvs.

177 Whitebark pine .

Pinus

178 thru 184 8/11/62

Jim + Jack R.

all from Slate Cr.

(See Vining Can at Summit)

flat - edge of Hall

Natural grass 9500'

alpine meadow.

178 - *Eriogonum* ssp. *fulvum*

of white fls. *caespitosum*

~~var.~~ *nivale*

179. Cystopteris
fragilis

180 Trisetum spicatum

181 Panthonia intermedia

179 - a fern

Cyrtopteris fragilis

180 A grass -

181 ~~*Bromus* sp.~~ *Danthonia spicata*

Danthonia

182 ~~*Deschampsia*~~
Agrostis variabilis

183 alpine timothy
Phleum alpinum

184 *Dalmanella* sp

78910112

1714151412

8/18/62

Log Cabin mine
- windswept ridge
9600'-

wrightii sep subscaposum

185 *Eragrostis* sp.

wh. fls. prostrate,
tall stems.

[Down in timber,
along road
not on ridge.]

it
didn't see the

note!

186 E. microthecum var
microthecum

187 A. nova

186

Eriogonum microthecum
from crest of ridge

187 U. nova. ?

8/15/62 # 188

Horse mint.

Warren Creek at
Togo road.

Monardella odoratissima

ssp pallida.

E. wrightii subscaposum

8/26/62

Sonora Pass - 1/2 mi
W. in Twp. Co. on flat,
Pava. soils.

189 A. cano var.
bolanderii

190 Eriogonum meso-
theum? same as 185

Sonora Pass. Granite
outcrop on N. side

Sardinia Cr. flat,
± 3 East of Pass.

#92 *C. ranseous*
ssp *hololeucus*.

LeeVining Ranger Station

9/2/62 - L.V.R.S. Elev
7200 - moraine soils. Sage -
Pinyon

191 *Chrysothamnus*
vicidiflorus. var
vicidiflorus.

192 *Chrysothamnus*
Parryi var *nevadensis*

9/3/62

J. & Jim R.

Maloney Place

193 - *C. Parryi* var
nevadensis?

194. A. occidentalis
var occidentalis

194 Aster sp

meadow along
Co. Rd. to BeeVining
Cem. (Thompson Ranch)

9/8/62 - 2 mi E. of
Big Sand flat on Hwy
120 (Sage hen Mchur
Rd. Junction)
Sage type, Pumice
soil. 8500'

195 *Chrysanthemum*
Parryi - plants
L 36" high.

Same Loc as 195

196. *Chrysanthemum*
occidentale
-shrubs 12" - 36" high.

197

Chrysothamnus parryi

(Gray) Greene ssp

asper (Greene) H+C.

fide Andersson

12/63

9/8/62

#197

Sagehen mdr

Hesperopappus

speciosus. Sage

type. 8500!

198 Artemisia

Cena

edge of meadow

along wet area at
Crooked meadow.

Sage type - Scraggly
shrub - 24"

Laying evident.

9/8/62

Johnny meadow
near spring

(Dexter Cr. Drainage)

Sage-Carex type
flat. 8500'

199

Artemisia
tridentata

shrubs 24"-36"

#

200 Fernbush

Chamaebotrys

Dexter Cr. Road

2 mi. E. of Sentinel

Meadow. 8400'

201 - *C. nauseosus* ssp
consimilis
fide Anderson

Dexter Creek Burn
(Dexter Cr. Road)
± 1 mi W. of Taylor
Canyon. Open.
8200'

201

Chrysothamnus sp.
3'-4' round bush =
thread-like bright
green leaves,
spare 1½-2½
long. Resinous,
pungent. Leaves
folded "round"

202

E. nodosum ssp.

monvense

Mc Gee Can. Rd.
(ADOBE Valley) - 1 mi N.

OF NF Boundary
202 -

9/9/62

Eriogonum

Sp.

16"-30" globe shaped
bush - numerous
interlacing stems.

Gray appearance. Flowers
terminal & axillary
umbels at end of
stems. Perennial.
Woody at base.

flexuous, Fls white; red
Tomentose, glandular
stems. Leaves dry
along lower part
of stems. Sage-Gr.

Rabbit brush type

9/9/62

Sawmill Meadows Rd.
South of Adobe Valley
on spur ridge 1/2 mi
N. of upper Black Can
Spring. 9000' JP
-Sage, Type. NE
Exposure (203-206)

203

Eriogonum ^{with}
microthecum sp
aureum (M.E. Jones) S. Stokes
var *expansum* S. Stokes

#206 - is sparcer +
More viciid
than low elevation
"C. viciidflorus"

204 Eucyamus
baileyi S. Wats
var baileyi

205

Oxytheca dendroidea Nutt

206

Chrysothamnus sp.

12-16" shrub. This is

common in Jeffrey

Pine in Adobe Valley

9/9/62

Black Canyon -
Along stream bed (Dry)
2 mi So. of Hwy 120.
Adobe Valley - 6000'
Sage-Pinyon. Flat.

#207. *Chrysothamnus*
sp. -

This is common along
bottoms + spring
areas. Up to 8 ft
high. Assoc. with
A. tridentata.

9/15/62

Pole Line Road

near Bodio Road. (N. of
Mono Lake.) Big Sage, Chryso.
+ associated shrubs. Deep
pumice + sand beach soils.

208

Chrysothamnus

nauseosus

(not common in basin)

ssp hololeucus. (Gray
fide - Anderson)

209-390

2

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to

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Book II
PLANT COLLECTION
RECORD

9/29/62.

MONO LAKE - N. side
1/2 Mi E. of Cemetery
Sand & gravel from old lake
shore. Sage Type - Purshia,
Ephedra, Prunus

#209. Artemisia

tridentata Ssp. ?

24" - 60" high. - mostly \pm 36"

210 *Shepherdia argentea*
Pole line Rd - Mono Basin
15 mi E. of Hwy 395.

Saltgrass - CHY, Atr.

(?)
ssp *bolanderii*

211 *Artemisia cana*

same loc. #210

212 *Sarcobatus* (M)

vermiculatus.

213 *Lupinus utahensis*

Pdc line Rd. at State
line.

9/30/62

(M)

Whiskey Flat -
15 mi S. of Hawthorne,
Mineral Co., Nev.

#214 - *Artemisia*

tridentata - ssp *tridentata*
f. parvifolia (cont. next)

~~III~~ - round topped,
many stemmed - 36-48"
high - scattered
individuals in stand
of low, flat topped
Atr (specimen
#215.) #214 has
conspicuously
different form from
common sage of
locality (i.e. #215)

215 Artemisia tri-
dentata - tridentata
common sage of
whiskey flat on
dry sites. 12" - 18"

in height - flat topped. associated w/ *Chrysothamnus viscidiflorus*, rice-grass, horsebrush. Deep gravelly fan soils.

10/1/62

Jugo Pass - Slate Cr.
at crossing of Sawmill
Campground road.

215 -

artemisia
rothrockii

10/2/62

217 *Artemisia*
tridentata ssp
vasquezana.

Sagehen mdw. ^{Inyo}
N.F.

Plants flattopped.

18"-30" high. This

is the common

sage of this locality

10/15/62 218th

from Big Pine
Creek near Glacier
Lodge - Inyo Co. -
15 mi W. Big Pine
Moraine bench.

Sage type - JP + LP
in vicinity,

Artemisia tridentata
vaseyana f.
sperformis (?)

219

A. noru

10/16/62
219 (M) from M^cGEE

Cr - Hwy 395.
Mono Co. - Crowley
Lake - Sage type
(vasuyama type)
Moraine bench, flut.

Artemisia nova (?)
may be dwarf form
of *A. tridentata*.

Above probably not
A. Nova. may be cross
w/ *A. tridentata*; or
A. tridentata ssp *vasuyama*.

#220

A. NOVA.

220

(N)

artemesia nova.

from ridge of draw
on rim of Mono Basin
about 5 mi No. of
Danberg (Maloneys)
& East 1 ridge from
old Mono diggings.

10/21/62

221

(N)

10/23/62

a. tridentata rothrockii

Troge pass - 9900'

This is the common
sage here. around
lakes & streams in vicinity

222 *Pinus albicaulis*
- white bark pine
- Junga pass.

223. *Chrysothamnus*
nanus var.
hololeucus. (?)

Roend Valley - foot
of Sherman grade.

10/26/62. Shrubs, round,
sparse leaves, 16" - 40"
high. In flower now -
some plants past fl.

ssp - flavovirid +

224 *Eriogonum*

fasciculatum M

10/31/62 - Cajon Pass.

Hwy 395. Very common

species. Past flower

this date. 24"-36" high.

Numerous stems; round

bush. NOT USEABLE

See # 243

225 10/31/62.

Chrysothamnus

nauseosus. var. *hololeucus*

5 mi So. Olancho-

Owens Valley - Hwy 395

227 A. tridentata ssp
tridentata

226 10/31/62 M

Chrysothamnus foret folius

Owens Vally - 5 mi

So. Olancha. Desert

scrub.

227, 10/31/62. (M)

Artemisia bigelovii (3)

Highway 395 - 5 mi NE

Cajon Pass - Juniper-scrub

type.

Salvia dorrici ssp *derrii*

228 10/31/62

Unknown shrub -

Same locality as 227.

18"-24" high, erect;
numerous stems. Pungent.

Gray fasciated lvs at
even spaced nodes.

Heads dry now: Terminal
ball - 3/4" diameter - end
of veget. stem.

Salvia

229 10/31/62

Same location 227-228

Chrysothamnus nauseosus
var. *mohavensis* (?)

230

11/4/62

Chrysothamnus nauseosus

var. *graphalodes* (?)

Old BENTON (Mono Co.)

edge of Lake 2 mi N.

on Hwy 120. Sage type.

Flat. Deep gravelly soil.

Saltgrass.

231

11/4/62

consimilis

C. nauseosus var. *mojavensis*

(2) Benton - 1/2 mi East

of Hwy 6 on Hwy 120.

flat. Sage-Chr. type.

Herb - Anderson

fide Anderson

232 11/4/62

C. ransomes var
graphalodes (Greene) H+C.

10 mi So. of BENTON -
Marro Co. on Hwy 6. Flat.

Alkali w/ Russian thistle

Sent to Jim 11/12/62
#209 thru 232.

11/13/62.

233 - Tioga Pass M
along road - wet
area by spring above
Big Ben.

Artemisia w/
horiz. rhizomes:

A. Douglasiana

234 Abies concolor
Tioga Pass

235 - Lodgepole pine
L.V. P.S.

Pinus murrayana

236 (M) 11/14/62

A. cana ssp *bolanderii*
from Big Sand Flat.
- 20 mi E. Lee Vining -
Mono Co.

2 11/25/62.

W. side of Lucky Bay
Pass - 3 mi E. of
Fletcher - Mineral Co.
Nev. Stony fan
soils. # 237

Artemisia nova,
minute leaf form.
Plant - 6" high.

11/25/62

238

A. tridentata + *A. nova* ?
from Sweetwater Valley
- across road from
Range Seeding enclosures
near dry lake bed +
large state gravel pit,
sandy, rocky soil -
Sage type.

239

234 - A. tridentata
ssp. tridentata

240

Lepidospartum
squamatum

241 Conothus crassifolius
var. crassifolius

12/2/62

#239

Dry wash \pm 10 mi So.

Adelanto - Hwy 395 - S.B. Co.

Artemisia tridentata - ssp.?

240 - 12/2/62

Composite with juniper
like foliage, yellow fls.

Shrub - common in

chapparal

Baccharis sp.

241

Shrub with opp. lvs.

Evergreen chapparal.

242

Cercocarpus
betuloides var
betuloides,

242 Small evergreen tree
with spatulate,
prominently veined lvs.
- bracts; alternate.

~~Rhomnus~~ sp. ?

= 240, - 242 from
wash W. of Conejo St -
San B. city.

243 12/3/62

Eriogonum fasciculatum

Hwy 395 - on low

pass about 20 mi. So. Hemet.

var - flavoviride

244

Encelia virginensis
ssp *virginensis*

246 *Pectis papposa*

247

Cleome lutea

12/7/62 - Joshua Tree

NM near Summit north of
Pinto Basin 4200'. Yucca type

244

gray green low shrub w/
"sunflower"

245 Selaginia Mexicana

246 Small 1" several
flower composite

12/7/62 - Pinto Basin -
Joshua Tree NM in
Creosote belt:

247 - yellow flo -

Tri-foliate leaved

248

Hymenoclea salsola
var salsola

~~Leaves~~ - shrub
24¹-36" high. Bright
green lvs; green
branches.

248 fine ly, intricate
branched shrub
- w/ linear lvs:
white fls. in clusters
end of twigs, papery.
Twigs smooth, yellow.

249 *Simmondsia*
chinensis
Goatrot.

251

Senecio

Senecio sportioides

252

Eriodictyon

angustifolium

250 *Larrea divaricata*

12/8/62 San Bernardino
Succatwater Wash - N. side
of town next to mts.

Compositae

251 Asteraceae - yellow
ray fls - linear
lvs - divaricate. 1 row
bracts, many. Shrub
3' tall - many branches.
thin - greenish to Brown.
bark in long plates

252 dark chepponal
sp - yerba buena?

not id.

254

Rhamnus californica
ssp *californica*

Adenostoma fusciculatum

253 Yerba Santa. P

254 Rhamnus sp.

255 Chamise

256 - P. Lambertiana
Sugar pine, Tuolumne Co.
6000' 12/15/62

m.

No. 257 Date 3/30/63

Species ARTEMISIA

spinescens D.C. Eaton

Location Fish Lake Valley

Moore Co. - 2 mi E.

of Lida Rd. Junction

Type Assoc. Sp. Kochia, Erodium

- Red sage

Soil Gravel

Elevation _____

Exposure: Flat

Remarks Abundant +

healthy specimens

Collector J. Reveal

for associated sp. of
46r see # 259

No. 258 Date 3/30/63
C. L. Anderson
Canyon
Location 2 mi W. of Lida
Esmeralda Co Nevada
Type-Assoc. Sp. *Penstemon - dumosus*
- Sage. shr. a. more
Soil Rocky, gravel - deep
well drained -
Elevation 6800 Exposure Canyon
Remarks *Winters of broad leaves*
in community -
Collector *Stewart*
recollected

No. 259 Date 3/30/63

Species Artemisia
nova.

Location 2 mi. W. of Lido
Esmeraldas Co. prov.

Type-Assoc. Sp. Pin - Lumper.

Associated w/ # 258

Soil Same 258

Elevation ✓ Exposure ✓

Remarks Assoc. with
258

Collector J. Reveal

No. 260 Date 3/30/63

Artemisia
arbuscula var. arbuscula

Location Westgard Pass
7900'

Type Assoc. Sp. Pinyon - Juniper
brush

Soil gravelly

Elevation 7900 Exposure flat

Remarks Assoc. w/ Big

Sage + nova

Collector Jack Rinehart

M

No. 261 Date 2/30/63

Species Porshia
glandulosa.

Location 2 mi. W. of
Leda, Emerald Lake
Res.

Type Assoc. Sp. Pinyon - Juniper
- sage

Soil gravel - deep

Elevation 6800 Exposure Canyon

Remarks: Not abundant.
- plant small.

Collector Skinner

Astragalus Minthorniae
(R-d b.) Jeps. var villosus

No. 262 Date 5/4/63

Species Astragalus

Location 3 mi So. of Death
Va. Rd. on Saline V. Rd

Type-Assec. Sp. Artemisia
Erodia,
Kochia, Mentzelia spinescens

Soil LIME cobble + gravels

Elevation 6800+ Exposure Flat So.

Remarks Just beginning to bloom

Collector J + A. R.

No. 263

Date 5/4/63

Species *Phlox stansburyi*
(Torr.) Heller

Location Same as 262

Type: Sp.

Fls. pink to white.

Stamens yellow.

Location

Exposure:

Remarks Just beginning to
flower. - 4"-6" high - undergrd.
ROOTS - runners.

Collector J & A R.

Astragalus newberryi A. Gray

No. 264 Date 5/4/63

Genus Astragalus

Location 7 mi So. of Death V.
Rd. on Saline Rd.

Time Assoc. Sp. Sage-shrub

Soil Rocky - lime pebbles
+ fragments. fav.

Elevation 6000 Exposure Ridge top

Remarks Scarce. Small - w
purple fls.

Collector A + J.R.

No. 265 Date 5/4/63

Species *Artemisia arbuscula*
(*Artemisia*?)

~~Location~~ Same as 264

~~Collector~~

~~Site~~

~~Number~~

~~Exposure~~

~~Notes~~: Assoc. w/ Atr - Awo.

~~Collector~~ A + J R.

No. 266 Date 5/4/63

Species Artemisia arbuscula

OPAL

Location Alameda Canyon on
Salina V. road - ~~1/2~~ 1/4
N 1/2 Sec 18, T10S, R37E

Type-Assoc. Sp. Sage + various
desert shrubs. - Scat. Juniper

Soil lime E. - stones & gravel

Elevation 6000' Exposure Com. bottom

Remarks

Collector G. & J. R.

A. newberryi A. Gray.

No. 267 5 | 4 | 631

Species Gastrogales

Location Saline V. Rd. Whipperon
will Can. - NE 1/4 Sec 6 T11S
R. 37 E.

Type Assoc. Sp. Pinyon Sage

Soil hill wash - limestone
granite

Elevation 6800

Exposure Can
Golden

Remarks

Collector G + J. R.

No. 268 Date 5/4/63

Species Chrysothamnus (low
erect stem).

Location Same as 267

Type Assoc. Sp. Pinyon-Sage

Soil Same as 267

Elevation _____ Exposure Can
Best

Remarks fls. white with yellow
throat.

Collector A + J. R.

Plantago insularis

No. 269

Date: 5/4/63

Species? Low annual with head
of small papery fls end of culm
Entire caudine base - 3" high.

Location: ± 7 mi N. of Willow Cr Camp
Saline Valley - on Saline Rd.
High pass facing Saline Mts.

Vegetation: ~~S.~~ Chosote bush
Shadscale, Dalea, barrel cactus

Soil: Desert pavement

Elevation: ~~4100~~ 3600

Exposure: SE
face

Remarks:

Collector: A + J Reveal

Chorizanthe brevicornu

Torr. var. brevicornu

Langloisia matthewsii

No. 270 Date 5/4/63

Species unknown, 3" green sticky
plant with armed seed coats spiny
like jaws. ~~Arms~~ calice

Location Same as 269

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector A + R.

Chorizanthe rigida
(Torr.) T. & G.

No. 271 Date 5/4/63

Species: Unk. or Eugonum like

Low + erect of spiny caespitose

fls. yell., anthers shaggy

Location: Same as 269

Type Assoc. Sp. _____

Soil _____

Elevation _____

Ex. _____

Remarks Roundish annual $1\frac{1}{2}$ "

2" high

Collector W. J. R.

No. 272 Date 5/4/63

Species *Eriogonum inflatum*
var *inflatum*

Location Same as 269

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks

Collector A + JR.

No. 273 Date 5/4/63

Species Oenothera - annual
deltoides Torr. &
Frem

Location Same as 269

Type-Assoc. Sp. do.

Soil do.

Elevation do.

Remarks white fls; basal lvs,

long spatulate - 1"-2" high; 1 to 12 fls
single on ped.
Collector A.F.H.

Monoptilon bellioides
(Gray) Hall

No. 274 Date 5/4/63

habit dark-annual - phlox like.

Location Same as 269

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks 1"-2" - white fls - lined

lvs - needlelike - several showy

Collector G + LR

No. 275 Date 5/4/63

Species Phlox-like - tiny annual
w/ light blue fls. 1 to sev.
fls. 3/4" - 1 1/2"

Location Same as 269

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Spence long hairs on
sharp basal lvs; bristles

Collector A + LR

Gilia modocensis Greene

No. 276 Date 5/5/63

Species Gilia modocensis

Location Same as 269

Type Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Rather common

Collector as 269

(Harv. & Gray) Gray
Acampopappus sphaerocephalus

No. 277 Date 5/5/63

Species *Hyppopappus?*
Genus?

Location Same as 269

Pro - entire resembling

Stylos - stems white smooth

Type-Assoc. Sp. Small round shrub
about 1/2' high.

Soil

Elevation Exposure

Remarks Common shrub - wood

of small rayless yell. fls.

Collector G + J R.

No. 278 Date 5/5/63

Species Cactus - barrel -

Echinocereus

Location Same as 269

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Elongate barrel -

Collector G. S. Gentry

Gilia latifolia (Gray) Gray
S. Wats.

No. 279

Date 5/5/63

Species Gilia

Location Saline V. R. near center
of T12S R37E.

Type-Assoc. Sp. Line bullwash
fan - rocky, desert pavement

Soil Type - Cresote bush -

Alphax, Dalea hemonta

franseria

Elevation 3000' Exposure SE

Remarks Reddish fls - 3-5"

spine tipped, serrulate lvs basal.

Collector C + JR

Franseria dumosa Gray

No. 280 Date 5/5/63

Species Franseria

Location Summit 279

Type Assoc. Sp. _____

Soil _____

Elevation _____

Exposure _____

Remarks _____

Collector G. & J. R.

Lepidium fremontii WATS

No. 281

DATE 5/5/63

Species Shrubby mustard - minute
white fls; thin threadlike
lvs.

Location Same as 279

Limestone ridge.

Type-Assoc. Sp.

Soil

Elevation

Exposure

Remarks

Collector

Q + J R

No. 282 Date 5/5/63

Stropharia hygrometrica
elytra - Desert Holly

Location Same as 279

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks

Collector A + J R

No. 283

Date 5/5/63

Species *Encelia virginensis*

A. nels. ssp *astonii*
(Elmer) Keck

Location Same as 279

Type-Assoc. Sp.

Soil

Elevation

Exposure

Remarks Flowery shrub - 2' high
3-5' broad - numerous fl. stems

Collector

A + J R

No. 284 Date 5/5/63

Species Atriplex

Location Saline V. - N. end of
Willow Cr.
mouth of ~~Rock~~ Canyon

Type-Assoc. Sp. Lower side of

Creosote Bush: Bursage,
Desert Holly

Soil granite - decomposed

+ cobble - no soil

Elevation 2300
2600 Exposure 5

Remarks

Collector C + J N.

No. 285 Date 5/5/63

Species *Amorpha*

Location Same as 284

Type Assoc. Sp.

Soil

Elevation Exposure

Remarks Common

Collector M. R. ...

No. 286 Date 5/5/63

Species Erigeronum (common)
w/ yell. fls. E. incanum?

Location Same as 284

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Common

Collector G. L. H.

No. 287 Date 5/5/63

Species Light blue "mellow"

w/ red stems annual

Malvastrum rotundifolium?

Location Same as 284

Type Assoc. Sp.

Soil

Elevation

Exposure

Remarks Seemingly rare

Collector

G. & J. R.

No. 288 Date 5/5/63

Species Small perennial like Dalea
red glands - caespitose; pinnate
lvs; long hairs covers flowers.

Location Same as 284

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks only specimen found.

Sent to USH.

Collector G. & R.

Phacelia colthifolia
Brand.

No. ~~285~~ 284 Date 5/5/63

Species glandular small annual
claw lob.

Location Same as 284

Type-Assoc. Sp.

Soil

Elevation

Exposure

Remarks

Collector

G + J.R.

No. 790 Date 5/5/63

Species Oenothera sp.
deltoides Torr & Frem.

Location 1 mi S. Hildred Cr.
in Saline Valley.

Type-Assoc. Sp. Low Pinnate
Bush.

Soil Rocky Canyon outwash

Elevation 2100 Exposure S.

Remarks

Collector G + J R.

Collector At JR

Remarks none other found

Elevation 1100 Exposure Flat

Soil Alluvium - heavy valley
fill

Type-Assoc. Sp. *Atriplex*

Location Salina V. at Palm Sp. Rd. juv.

Species *Atriplex? sp.*
aroides (Tor.) Torr.

No. 291 Date 5/15/63

Atriplex aroides

Allenrolfea occidentalis
(Wats.) KONTZE

No. 292 Date 5/5/63

Species Salsoliceae

Location Saline Lake - Saline V.

Type-Assoc. Sp. _____

Soil alkaline marsh

Elevation 1150

Exposure

Flat

Remarks _____

Collector

AT JR

ANEMOPSIS californica
(Nutt.) Hook. & Arn.
~~Arn.~~

No. 293 Date 5/5/63

Species Yerba ~~Santa~~ Mansa

Location Saline V - Saline Lake
margin under Acacia

Type Assoc. Sp. Acacia - Distichlis
Cyperus;

Soil Leamy, wchy albu.

Elevation 1100 Exposed flat
under acacia
Remarks

Collector A. S. K.

Hymenoclea Salsola T. & G.

No. 294 Date 5/5/67

Species Shrub-der. branches,
thin, thready lvs; wh. papery
fls.

Location So. End of Saline V.
on Saline Rd.

Type Assoc. Sp. Atriplex - Salina
(above Creosote Bush)

Soil fan - heavy rock

Elevation ^{1600'}~~2000~~ Exposure N

Remarks So. End Saline V.

Collector A + J D

No. 295 5/5

Species Salvia - annual
purple fls.

Location Graperie Canyon
on Saline V. Road

Type-Assoc. Sp. Desert shrub
many species

Soil Rocky - granite

Elevation 4100 Exposure Com. Bod

Remarks

Collector A + J. R.

No. 296

Date 5/5/63

Species *Prostrata succulent*
pig-weed.

Location Same as 295
Grapewine Canyon

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks

Collector

A + LR.

Eriophyllum
lanatum (Pursh) Forbes

No. 297 site no. 5/5/63

Species Small annual composite
w/ yell. ray fls. 3-5" high

Location Same as 295 site

Type-Assoc. Sp. site

Soil *Urtica integrifolia*
(Hook.) Smiley

Elevation site Exposure site

Remarks site

Collector A + J R site

No. 298

Date 5/5/63

Species ^{poles near} Small annual w/ white-eyed
bell shaped papery fls. 3"-4"

Location Same as 295

Type-Assoc. Sp.

oil

levation

Exposure

marks *Oenothera*?

No. 299 Date 5/5/63

Species Nama sp

Location Samos 295

Type-Assoc. Sp. _____

Soil _____

Elevation _____ 2000

Remarks _____

Collector _____

Lupinus concinnus J.G. Agardh.
var. arcticus (S. Wats) C. P. Smith.

No. 300

Date 5/5/63

Species Lupinus

Location Same as 295

Type-Assoc. Sp. _____

Soil _____

Elevation _____

Exposure _____

Remarks dwarf w/ white

fls

Collector AKK

Eriogonum fasciculatum
Benth. ssp. polifolium (Benth.)
S. Stokes var. polifolium.

No. 301 Date 5/5/63

Species *Eriogonum*, like shrub
narrow gray oblanceolate lvs.
stringy gray bark.

Location Same as 295

Type-Assoc. Sp. Dense shrub

Soil _____

Elevation _____ Exposure _____

Remarks Dense shrub - 16" high

Collector A. J. R.

Mendora scoparica
Engelm. ex Gray.

No. 302 Date 5/5/63

Species Greenfern - Mendora?
Assoc. here.

Location Same as 291

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector G + J R.

No. 303 Date 5/12/63

Species Traxnum officinale

Location Mono Lake shore
near Lee Vining

Type-Assoc. Sp. Sage-Carex

Soil Alluvial gravel-lake
bed

Elevation 6400 Exposure E

Remarks Common

Collector JR.

Collector

12 + FS

Collector

Number

Remarks

Altitude

Elevation 5980 Exposure S

Soil deep sandy alluvial

Ephedra - Baker

Type-ASSOC. sp. *Grayia*

at water tank

Location Shamm garden

Genus *Mentzelia*

No. 3047 Date 5/15/63

No. 305 Date _____

Species Lavina _____

Location Same as 304 _____

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector _____

No. 306 Date 5/15/63

Species Amisoma

Location Same as 304

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks

Collector

No. 307 Date 5/15/63

Species Gilia

Location Same as 304

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector _____

No. 308 Date 5/15/63

Species *Oenothera*

Location Same as 306

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks

Collector

No. 309 date month 5/15/63

Species *Bromus tectorum*

Location Same as 304 location

Type-Assoc. Sp. type-assoc. sp.

Soil soil

Elevation elevation Exposure exposure

Remarks remarks

Collector collector

No. 310 Date 5/15/63

Species Grayia
~~spumosa~~

Location Same as 314

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector _____

No. 311 Date 5/15/63

Species Annual Crucifera?

Location

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks Purple stem.

Cespitose

Collector R.

No. 312 Date 5/15/63

Species Cryptantha

Location Same as 304

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks yellow fls.

Collector JR.

No. 313 Date 5/15/63

Species Bromus rubrus.

Location Same as 304

Type-Assoc. Sp. _____

Soil _____

Elevation Extensive

Exposure North

Remarks _____

Collector _____

No. ~~317~~ 317 Date 5/8/63

Species *Erodium*

206902

Location *Covey Mdw - near*

Co. Rd. Mono Lake.

Type-Assoc. Sp. *Mdw - Scler - Covey*

Soil *Sandy alluvial*

Elevation *6450* Exposure *S*

Remarks *Aspen in community*

~~7'10th. on dry rocky places~~

Collector *V + A. Furner*

M

No. 315 Date 5/18/63

Species Aniscoma acaulis
T. + G.

Location NW Cor Mono L. along
Co. Rd near Living Cemetery

Type-Assoc. Sp. Sage-grass

Soil Stony glacial alluvial
- lake bench.

Elevation 6450 Exposure S.

Remarks

Collector J + A Renne

M

*

M

C. douglasii Boott.

No. 316 Date 5/18/63

Species CAREX Sp.

Location Maloney Place on
NW shore of Mono Lake

Type-Assoc. Sp. Streamside -
dry land

Soil stony, calcareous

Elevation 6400 Exposure flat

Remarks

Collector H.A.R.

M

No. 317 Date 5/18/63

Species SALIX

Location De Chambeau Ditch at
Co. Rd. Xing.

Type-Assoc. Sp. Sage-bitterbrush.

Soil Sand-glacial

Elevation 6700 Exposure S

Remarks Large willows planted
on diversion dam

Collector S + A R.

1

Sphaeralcea parviflora A. Nels

No. 318 Date 5/18/63

Species Mallow

Location 1 mi. South of Lucky Bay
Road on Hawthorn-Loav. Highway

Type-Asso. Sp. Abruptex - Chrysothamnus
rus - weeds.

Soil Stoney alluvial fan

Elevation 5900 Exposure E

Remarks Common. Perennial
Bright scarlet fls.

Collector S + G. Reveal

Chaenactis macrantha
Chaenactis macrotata

D. C. EATON

No. 319 Date 5/18/63

Species Unseen. white disk
fls; rayless. dentate-linear
lvs.

Location Same as 318

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector H. C. R.

No. 320 Date 5/19/63

Species Artemisia spinescens

Location ~~Grease~~ - Benton
Valley on Co. Rd to Bramlette
Ranch

Type-Assec. Sp. Atriplex - grease-
wood.

Soil Sandy - adobe - bottom

Elevation _____ Exposure flat

Remarks Not abundant.

Collector J + a. B Collector _____

No. 321 Date 5/19/63

Species Annual cruciferae

Location Same as 320

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks Caespitose - yellow fls.

Thick clent. lvs.

Collector L & G. P.

No. 322 Date 5/19/63

Species Gilia sp.

Location Bramlette Ranch upper
Benton
Valley - on sandy
mounds 100 yds E. of
Creeks

Type-Assoc. Sp. Atriplex

Soil Sandy, alluvial

Elevation _____ Exposure Flat

Remarks Cespitose - white fls

w/ purple bracts; spine tipped

petals
Collector J & R

No. 323 Date 5/19/63

Species Annual ~~C. sp.~~

Open thicket

Location Same as 322

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks yellow fls - red on

maturity. Red spots in
throat

Collector J. G. R.

No. 324

Date 5/19/63

Species *Arnica cuneata*

Dens thym

Location Same as 322

Type-Assoc. Sp.

Specimen similar to

soil # 323 but with red

stems, linear lvs, and

Elevation lacking Exposure

Remarks spot on petals in throat.

Collector

L & R.

Caulanthus pilosus
Wats.

No. 325 Date 5/19/69

Species Heliotrope?

Streptanthus
pilosus

Location Benton Valley at

beginning of Truman

Mdew Rd. - on the rocky hills

Type-Assoc. Sp. Sage-grass

Soil Basalt outcrop

Elevation 5000

Remarks Common plant

Collector J+G R.

Amsinkia

No. 326 Date 5/19/63

Species Cryptantha? w/
bell-shaped "recepted" - 1 yellow
flws. Annual.

Location Same as 325

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks found in peculiar
clumps like seed caches

Collector a + R

No. 327 Date 5/19/63

Species Aster sp. Perennial

ASTER SCOPULORUM

Location Same as 325

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Uncommon purple
sep; yellow centers.

Collector H & R.

Collector: W. J. & J. R.

Number: _____

Elevation: _____ Exposure: _____

Soil: _____

Tree-Asso. Sp. _____

Number: 325

is Astragalus

No. 328 Date 5/19/63

Astragalus malacus A. Gray

No. 329 dated 5/19/63

Species *Phlox-like annual*
of pinkish cream fls.

LINANTHUS.

Location Same as 325

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks flower closes promptly
when collected - common

Collector I. A. R.

No. 330 Date 5/19/63

Species ~~Thlaspi~~ - dandelion
like composite Malacothrix

Location Same as 325

Type-Assoc. Sp

Soil _____

Elevation _____ Exposure _____

Remarks Common annual
w/ gel. strap fls.

Collector as J.R.

Astragalus Casei A. Gray

No. 331 Date 5/19/63

Species Vetch sp.

Location Same 325 - except in
sandy flat base of rocky
hill,

Type-Assoc. Sp. A. tridentata,
brayia; Chrysothamnus

Soil _____

Elevation _____ Exposure _____

Remarks Only specimen found

Collector A & J R.

Amargosa Co., Nevada

No. 332 Date 5/21/63

Species Aster? sp. Same as 327

Location Truman Rd. on bench
at Deer Trans. #5.

Type-Assoc. Sp. Sage-betterbrush

Soil Rocky Basalt

Elevation _____ Exposure S

Remarks fairly common

perennial

Collector HR

No. 334 Date 5/25/63

Species Castilleja sp.

chromosa A. Nels

Location Same 333

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Perennial; many stems
± 12" high - 6" - 18" wide

Collector J + G. R.

Inyo Co.

L. fremontii Wats.

No. 335 Date 5/25/63

Species *Lepidium*

Location Same 333

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks Perennial - round

shrub - 12" - 24"

Collector

J.H.R.

Inyo Co. Poly.

No. 336

Date 5/26

Species Annual Chaenactis like
compositae.

Location Sulphur mine - summit between
Eureka + Death Valley. E. of Co. Rd.

Sec. 27, T8S, R 34E.

Type-Assoc. Sp. alpestris - solca-
chrysothamnus

Soil Stoney desert pavement - Limestone
+ volcanics - tan

Elevation 5200 Exposure S.

Remarks Sparsely just out. Assoc. of
dwarf E. inflatum (last year)

Collector A. S. R.

E. nidularium Cov.
~~*E. nudicaula* Cov.~~
~~var *nudicaula*~~

Correct sheet

No. 337 Date 5/26/63

Species *Eriogonum* sp. annual

Location Same as 336 - in

wash N. of old Sulphur mine

Type-Assoc. Sp. _____

Soil _____

Elevation _____

Exposure _____

Remarks _____

Collector A + JHC

1 - *Tridens pulchellus*

Blepharidachne kingii M
129

No. 338 Date 5/26/63

Stems dwarf, tufted, spiny
grass - "Acanthura" heads.

Location Same as 336

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks

Collector A. & R.

Brikelia arguta Rob.

No. 339 Date 5/26/63

Species Aromatic shrub (no fls)
resembling atropax

Location Same as 336 in
arush. Common - Rocky
bluff. (Vol. welded agglomer.)

Type-Assoc. Sp. _____

Soil _____

Elevation _____ EXISTENCE _____

Remarks Vine-like snowberry
on Creosote bush. In rocky

Collector Leech
A + JR

No. 340

Date 5/26

Species Mirabilis sp. in flower

Location Same as 336 in

wash. Base of rocky bluff

Time Assoc. Sp. _____

Soil _____

Elevation _____

EXPOSURE _____

Remarks for L.V. collect.

at V R

No. 340341 Date 5/26/63

Species Beaver tail cactus fls

Location same as 336 in wash.

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector a + jr

Oxytheca perfoliata
T+G.

No. 342 Date 5/26

Species *Oxytheca perfoliata*

Location 5 mi E. of Sulphur Mine
on Big Pine - Death V. Rd.

Type-Asso. Sp. *atryplex*

Soil Red (purple) Lava
-point

Elevation 4800 Exposure Flat

Remarks

Collector ATJR

E. maculatum Heller

No. 343 Date 5/26/63

Species *Eriogonum - annual*

Location as 342

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector A+LR

No. 344 Date 5/26/63

Species Penstemon - ann.
pink fls.

Location: Rocky Canyon 1 mi
W. of 342.

Time-Assoc. Sp. atropis

Soil: Rock - Limo + Volcanic

Elevation: 4800 Exposure: East

Remarks: Plant 40" high
only plant seen

Collector: a + J.R.

Stipa cornata

No. 345 Date 5/26

Species Call perennial bunch
grass: persistent glumes.

Location as 244

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Growing in rocky
ledge (Basalt)

Collector W & R

Myo Co.

No. 346 Date 5/26/63
Species fishhook cactus fls.

Location Top of grade -
2 mi. ^{N.} E. of Sulphur
mine on road.

Type-Assoc. Sp. atropis, bud
sage.

Soil Rocky lime +
basalt

Elevation 4900 Exposure flat

Remarks only one seen
apparently rare here

Collector A & J R

No. 347 Date 5/26/63

Species annual comp. with
wh. ligules striated w/ red
+ dentate

Location Same 346

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector A + LR

Frigo Co.

Eriogonum Heermanni
Dur & Hilg. ssp. *sulcatum*
(Wats.) Stokes.

No. 348 Date 5/26/63

Species Skeleton bush

Location In canyon W. of
Sulphur mine about
2 mi. Hanging Rock Canyon

Type-Assoc. Sp. atriplex - Eucalia

Soil Rocky lime

Elevation 4600 Exposure Butte Canyon

Remarks not common

Collector W & H

529 TRS R39E

Penstemon fruticosiformis
Cov.

No. 349 Date 5/26/63

Species *Monardella Penstemon*

perennial

Location Same as 348

Type-Asso. Sp. _____

Soil Rock

Elevation _____ Exposure _____

Remarks Large perennial up to
30" - white fls w/ blue throat

Collector et LR

Ph-ysalis sp. Inyo

No. 350 Date 5/26/63

Species nightsshade - low 6"

yell. fls. 1" seed pods; heavy
tap root. Bright green

Location Side Canyon to E. of Rd.
in Canyon ± 2 mi W. of

Sulphur Mine - E. side of ^{Eureka} _{Valley}

Type-Assoc. Sp. Eucelia, Chrysotha-
mus, atriplex, etc.

Soil Rock - Lime - broken
canyon wash

Elevation 4600 ^{Canyon} _{Bottom}

Remarks Search now

G + JK

E. fasciculatum Benth.
var. *politerum* Torr. & Gray

No. 351 Date 5/26/63

Species *Eriogonum microthecum*

? 5.5 toms

Location Same as 350

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks Bushy perennial

12" - 24"

Collector A. J. R.

Senecio

No. 352

Date 5/26/63

Species Composite shrub

Eriogon sp. yell ray fls.

Location Same 350

Type-Assoc. Sp.

Soil

Elevation

Exposure

Remarks green herbaceous shrub

24" many stems +

Collector A. J. R.

No. 353 Date 5/26/63

Species ~~*Eucalyptus*~~ ^{STEP} *Haplophragma* ^{CH}

~~*acamp*~~ ²⁰¹⁰² *trappus*

sphaerocephalus

Location Same 350

Type-Assoc. Sp. _____

Soil _____

Elevation _____

Exposure _____

Remarks ²⁰¹⁰² *Rayless yell. fls.* ²⁰¹⁰²

Collector at J R

Scopulophila Rixfordii
(Brandg.) Munz & Johns.

No. 354 Date 5/26/63

Species Stonecrop.

Location 350 In rock
canyon walls.

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks White fls.

Collector AT & JR

9101

No. 355

Date 5/26/63

.014

Species Unk. shrub - -

291032

Location Same 350

no/300!

Type-Assoc. Sp.

3 3022A 00V

Soil

100

Elevation

Exposure

Remarks

Round lvs. 1/2" no fls

Collector

A + SR

W1011

No. 356 Date 5/26/63

Notes Unk. shrub - willow
like loc. white strake stem

Location Same 352

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks

Collector as SP

Dunel.

Nicotiana trigophylla

No. 357 Date 5/26/63

Species Solanaceae - Tobacco

Perennial 10"-12"

Location Same 357

Type-Assoc. Sp. _____

Soil _____

Elevation _____

Exposure _____

Remarks _____

Collector _____

A + J R

No. 358

Date 5/26/63

Species Chk. shrub - no fls.
Gutteridgea?

Location Same 358

Type-Assoc. Sp.

Soil

Elevation

Exposure

Remarks Cauline lvs - sticky
linear; in whorls
at Jk

Mentzelia puberula
J. Darl.

only specimen found.

NO: 359
DATE 5/26/63

SPECIES: Composite - parsonii
resembling *Thryallis*.

LOCATION: 1/2 mi. W. of #350-318

in Canyon. Hanging Rock
Canyon - 530, 85, 39E.

IDENTIFICATION: *Sida* *dentata*

SOIL: Lacey limestone

ELEVATION: 4400
CANYON BOTTOM

PLANTS: Small shrub - 10" high

yellow fls; rough lvs; white stem

COLLECTOR: ATJL

No. 360 Date 5/26/63

Species a perennial "stickweed"

Location # 359

Type-Assoc. Sp. _____

Soil _____

Elevation _____

Exposure _____

Remarks globose bush 10" diam
8" high

Collector A+J R

No. 961 Date 5/26/63

Species Globe mallow

1 mi. N.E. of Lime Hill
Location (5 mi W. of Eureka
Valley on Big Pine (Loretta
mine Rd)

Type-Assoc. Sp. Yucca-atropur

Soil Rocky (lime) alluvial

Elevation 5100 Exposure E

Remarks Common - lavender
fls. pink, white

Collector Q + JH

Opuntia erinacea
Engelm & Bigel var ursina
(A. Weber) Parish.

No. 362 Date 5/26/63

Cactus w/ yell. fls.
Long hair spines - beaver tail

Location 6 mi W. Eureka Var.
on Larnetta Mine Rd

Assoc. Sr. Atriplex - in
canyon bottom.

Soil Limestone alluvial
Rock.

Elevation 5650 Exposure So.

only specimen
in flower

at J R

No. 363 Date 5/26/63

Species *Cryptantha* - a
perennial shrub yellow
tubular fls.

Location Same as 362

Type-Assoc. Sp.

Soil

Elevation Exposure

Remarks Bush 24" high
16" broad.

Collector G. + J. R.

Arenaria kingiiNo. 364 Date 5/26/63Species Spiny cactusphloz. like plant with
grass like culms each
w/ ~~single~~ single terminal flsLocation greenishSame 362

Type-Assoc. Sp.

Soil

Elevation

Exposure

Remarks

At LR

Eatonella nivea (O.C. Eat.)
Gray. Mono Basin

No. 365 Date 5/30/63

Species Hulsea? unknown
caespitose, woolly, yell. fls.

Location North Crater

Re-collected 6/9/63

Type-Assoc. Sp. Sage-butterbush

Chrysothamnus

Soil Rumic sand

Elevation 6880 Exposure flat

Remarks Mason say this may be

new.

Collector JR. + Holmsdal

No. 366 Date 5/30/63

Species Nama or close

o - gelid

Location Bridgeway Can. n.
grat Ranch.

Type-Assoc. Sp. Sagebrush

- atroplex

Soil Lake Russell bench
alluvial

Elevation 6700 Exposure South

Remarks

Collector L. Russell

Elko Co. Nev.

No. 367 Date 6/6/63

Species Erigeron

Location 30 mi N. of

Wells on Hwy 93-H-O

Summit. Elko Co., Nev

Type-Assoc. Sp. Sage, grass

Bitterbrush, phlox;

Soil deep alluvial dissected
fan;

Elevation 6200 Exposure Plat

Remarks

Collector JR

No. 368 Date 6/6/63

Species Artemisia arbuscula

Location # 367

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks up to 12" tall - leafy

dwarf.

Collector JR

No. 369 Date 6/6/63

Species Purshia tridentata

Location # 367

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks Pure species -

Collector HR

No. 370

Date 6/7/63

Species *Rumex*

Location about 5 mi. W. of

^{Humboldt}
Winnemucca, Lander Co, Nev

Type-Assoc. Sp. Sage

Soil deep sand

Elevation _____ Exposure flat

Remarks Red seeds; occasional

Tap root.

Collector J.R.

Sphaeralcea ambigua
A. Gray ssp. *monticola*
Kerney.

No. 371 Date 6/7/63

Species Mallow

Location same 370

Type Assoc. Sp.

Soil

Elevation

Remarks Small orange fls

Collector JR

Astragalus pseudiodanthus ^{ML}
Barnesby

NEW TO CALIF.

No. 372 Date 6/8/63

Species Astragalus

Recollect 1964+

Location Pole lined Rd in edge of
Juniper. S. 10, 31st, 28 E

Type-Assoc. Sp. Sage-chrysothamnus
nus.

Soil deep beach sands

Elevation 6800 Exposure Flat

Remarks Prostrate annual

w/ purple fls; curled, flat
red-streaked ses.

Collector

ML

No. 373 Date 6/8/63

Species Luciferae

Location Wilson Cr. at De Cham;
beau dam. S. 8, 2N, 26E

Type-Assoc. Sp. Sage

Soil deep alluvial sand
(old lake beach)

Elevation 6600 Exposure Flat

Remarks Creeksides - 24"
annual. yell fls; Long pods

Collector JR

No. 3734 Date 6/8/63

Species *Cimicifuga*

M

Location Mill Cr. above Maloney's

Type-Assec. Sp. Sage - Cottonwood

Soil deep sandy beach
alluvial

Elevation 6480 Exposure Flat(S)

Remarks capsules - yellow fls.

Annual. - Common

Collector JR

ML

No. 375 Date 6/8/63 CM

Species *Gilia?* annual; ~~trip~~
blue fls; axillary

Location 1 mi ~~W~~ N. Tiega Lodge
E-side Mono Lake. 530
N, 26 E.

Type-Assoc. Sp. Weed (formerly
Sage)

Soil Fan + beach alluvial

Elevation ~~6500~~ 6450 Ex. 8070 Elevol

Remarks In burned area.
Opposite Los.

Collector L + A Ravenel

No. 376

Date 6/8/63

Species "Redstraw" GALIUM

Location 375

Type-Assoc. Sp.

Soil

Elevation

~~6400~~ 6450

Exposure

East

Remarks from rootstocks

Collector

H.A.R.

ml

No. 377 Date 6/8/63

Species Ranunculus

Water Cress.

Location Spring just N. of

Mono Lake Sub-Station

W. shore Mono Lake.

Type-Assoc. Sp. Aspen - Cottonwood

-Willow (Spring)

Soil alluvial-stony

Elevation ~~6500~~ 6450 Exposure E

Remarks Common

Collector J. R.

ML

No. 378

Date 6/8/63

Species "~~Scirpus~~" Rush.

Scirpus

Location 377

Type-Assoc. Sp.

Soil

Elevation

6450

Exposure

Remarks

Common rush -
terrestrial -

Collector

J. A. R.

No. 379 Date 6/8/63

Species Scirpus - ?

Location 377

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks In 6" water at spring

Collector JHR

Rumex angiocarpus
Murbeck.

No. 380 Date 6/8/63

Species Rumex angiocarpus
Murbeck. (?)

Location Mill Cr - 1/2 mi E. of
old Power house - SE 1/4 S12
2N, 25E

Type-Assoc. Sp. Carex; Sage.
(Meadow border)

Soil Deep valley fill -
stoney.

Elevation 6950 Exposure E

Remarks Perennial from
rotstock

Collector J. G. R.

Date	Collector <i>J.P.</i>
Remarks	<i>Common</i>
Elevation	<i>6800</i> EXPOSURE <i>N+E</i>
Soil	<i>Humus</i>
Type-Assoc. S.	<i>Sage - Gutierrez</i>
Locality	<i>See 19, TIN, R 27E.</i>
Location	<i>More Rio Grande North Canon -</i>
Species	<i>Johnston Circumnscissa (H+A)</i>
No.	<i>381</i>
Date	<i>6/9/63</i>

No. 382 Date 6/9/63

Species Artemisia sp.

A. ludoviciana Nutt
(?)

Location Rush Cr. at mouth into
Mono Lake below
old checking Sta. -

Type-Assoc. Sr. willow - Sage (Atr.)
Cottonwood.

Soil Dry stream bed - like
beach sands + stones.

Elevation 64 Exposure flat (E)

Remarks Layering sage w/
large trypelite lens; narrow
cupl.
Collector Sh.

Sent to USU

No. 283

Date

6/11/63

Species *Draba?*

alt.?

Location Lee Vining R.S.

Type-Assoc. Sp. Aspen - Grass

Soil glacial alluvial

Elevation 7200

Exposure SE

Remarks Small white to

pinkish fls. - 16" high

Collector R.

No. 384 Date 6/12/67

Species *Crucifera*

Sisymbrium Irio L.

Location Sea View R.S.

X X X X

Type-Assoc. Sp. Open - Large
Weed

glacial alluvial

on 7200 Exposure flat

Common weed



Sea Juniper

No. 384(a) Date 6/11/63

Species Ribes ~~butea~~
aureum Pursh

Location Sea Juniper R.S.

Type-Assoc. Sp. Meadow edge

Soil glacial alluvial

Elevation 7200 Exposure flat

Remarks

Collector JR

385

6/12/63

DATE

6/12/63

Solomon Is.

Mitacina stellata

(L.) Desf.

Same 384

LOCATION

Tree-Assoc. Sp.

X
X
X

Soil

X
X
X

EXPOSURE

REMARKS

COLLECTOR

DATE

sent USA ² specimens.

Arabis puberula
Nutt. (?)

No. 386 Date 6/13/63

Species Caucasus w/
purple fls.

Location See Vining R.S

Type-Assoc. Sp. ~~~~~

~~~~~

Soil ~~~~~

Elevation \_\_\_\_\_ Exposure \_\_\_\_\_

Remarks \_\_\_\_\_

Collector JR

No. 387 Date 8/15/63

Species *Phacelia?* annual

Location Mono Lake Sub-Station  
along Hwy 395

Type-Assoc. Sp. Burn (Sage  
grass, weeds)

Soil Stoney alluvial

Elevation 6450 Exposure East

Remarks fls single-pinkish blue  
w/white; red stems; fuzzy

Collector JHR

No. 388 Date 6/15/63

Species Phacelia

Location Same as 387

Type-Assoc. Sp. Sage-weeds

(barn)

Soil \_\_\_\_\_

Elevation \_\_\_\_\_ Exposure \_\_\_\_\_

Remarks long exserted stamens

purplish blue fls. - annual

Collector H & R. Ravenel

No. 389 Date 6/15/63

Species annual

Location 387

Type-Assoc. Sp. \_\_\_\_\_

Soil \_\_\_\_\_

Elevation \_\_\_\_\_ Exposure \_\_\_\_\_

Remarks opposite linear lvs, tiny blue, phlox-like fls.

Collector J. A. R.

No. 390

Date 6/15/63

Species *Sarcus*

*Curey*

Location Spring at Mono

Sub Station - 1/2 M. N.

of Tioga Lodge -

Type-Assoc. Sp. Cottonwood -

Aspen

Soil moist alluvial

Elevation

6450

Ex. 03:00

East

Remarks

Collector

JR

Illus. flora of the  
Pacific States

Leroy Abrams

Stanford Univ. Press

Vol. II - Buckwheats to  
Krameries

III Geraniums to figworts

IV Bignonias to Comps.

