



Hunt Institute for Botanical Documentation
5th Floor, Hunt Library
Carnegie Mellon University
4909 Frew Street
Pittsburgh, PA 15213-3890
Telephone: 412-268-2434
Email: huntinst@andrew.cmu.edu
Web site: www.huntbotanical.org

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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.

Mono Co.

Boon Sierra

No. 1028 Date 8-14-64

Species United Queen Anne's Lace

Location So. Parker Creek
Middle Mdw.

Type-Assoc. Sp. Carex, Poa

Soil Wet mdw.

Elevation 8250 Exposure E.

Remarks fls - white. Bulbs -
"carrot" like, white, smooth

Collector Loek & Raveal

(8)

1029-1082

8/19/64 to 3/24/65

Mono Co.

Basin Sierra

No. 1029 Date 8-19-21 64

Species Haplopappus

Macronema A. Gray.

Location Tioga Pass - 1/4 mi

NE. Tioga Campground - talus

above filled Tarn

Type-Assoc. Sp. Talus slope

(Hornfels)

Soil Talus - hornfels

Elevation 9500 Exposure South

Remarks

Collector Jack L. Reveal.

1028 attached

Mono Co.

Basin Sierra

No. 1030 Date 8-19-64

Species fireweed.

Epilobium angustifolium L.

Location Tioga Pass. Roadsides
in Lee Vining & Slate Cr.

Type-Assoc. Sp. Lodgepole-
grass

Soil glacial fill.

Elevation 9700 Exposure S.

Remarks Common.

Collector Jack L. Reveal.

S. obtusatum
ssp. *obtusatum*

14

Mono Co.

Basin Sierra

No. 1031 Date 8-19-64

Species *Sedum stenopetalum*
Pursh. (See pressing sheet)

~~*spathulifolium* Hook~~

Location Tioga Pass - Slate
Creek at Hall Nat. Area
buildings.

Type-Assoc. Sp. Carex-weeds

Soil Rock - Hornfels
glaciated.

Elevation 9700 Exposure S.

Remarks

Collector Jack L. Reveal.

Coll. identified by
R. T. Clausen.

Mono Co.

Rasin Sene

No. 1032 Date 8-19-64

Species Haplopappus
suffruticosus (Nutt.)

A. Gray +

Location Tioga Pass - Slate Cr.

above Co. Rd. 1/2 mi N. of

Hwy 120.

Type-Assoc. Sp. Artemisia rothrockii

Soil Glacial till - of Hornfels
- a flat-topped bench.

Elevation 9700 Exposure S.W.

Remarks Low, compact shrubs w/
heavy tap-root - 6" - 10" high.

Collector Jack C. Reveal.

Heads smaller than Abram's
key. Rays 2-3. Stipitate glandular.
* var. tenuis (Hall)
M. M. M. M.

M



Mono Co.

Basin

No. 1033 Date 8-27-64

Species *Macheranthera*
shastensis Gray, var.
glossophylla (Piper) Cronq. & Keck.

Location Above Hector
Station - NE Cor Mono
Lake

Time-Assoc. Sp. Sage-rabbitbrush

Soil Volcanic

Elevation ca. 7100 Exposure S.

Remarks Vary scarce.

Perennial

Collector Jack L. Reveal.

Asplenium roseum
var. roseum (Sw.)
Holmski.

M

Mono Co.

Basin

No. 1034

Date 8-23-64

Species Composite -

Aster frondosus
(Nutt.) T + G

Location Wafard Pond NW
Poleline Road.

Type-Assoc. Sp. *Carex* - grass -
Juncus

Soil Moist - wet meadow

Elevation ca 6500' Exposure flat

Remarks Hds obscure; rays pale
bluish-pink; disk fls - pale yell.

Collector Jack L. Reveal

file - JK

2

T. debilis (M.E. Jones)

Love + Love
Mono Co.

Basin

No. 1035 Date 8-23-64

Species ~~Triglochin~~
~~maritima~~ L.

Location Waford Spr. Md.
on Pole Line Road

Type-Assoc. Sp. Carex-grass

Soil Moist meadow

Elevation ca 6500' Exposure flat

Remarks

Collector Jack L. Raveal

Inyo Co.

Sierra

M/

No. 1036 Date 8-24-64

Species Artemisia

Rothrockii A. Gray

Location Monache Meadows
N.E. of airstrip

Type-Assoc. Sp. Artemisia, Juncus,
Arnica, Muhlenbergia.

Soil Moist edge of
meadows

Elevation _____ Exposure _____

Remarks Topotype!

Collector Hatch Graham.

M

Mono Co.

Adobe Valley

No. 1037 Date 8-27-64

Species *Aster adscendens*
Lindl. in Hook.

= (*A. chilensis* ssp. n. Cronq.)

Location Adobe Ranch (Taylor
Canyon)

Type-Assoc. Sp. *Carex meadows*

Soil Occasionally irrigated
meadow. Pinnis

Elevation 6500 Exposure flat

Remarks Purple fls. Perennial

Collector J. C. R. & R. R.

mounted

Mons Co

Adobe Valley

No. 1038 Date 8-27-64

Species HAPLOPAPPUS
UNIFLORUS (Hook.) T. & G.

Location Adobe Ranch
(Taylor Canyon)

Type-Assoc. Sp. Carex meadow

Soil Occasionally irrigated
meadowland - Pinnac

Elevation 6500 Exposure flat

Remarks Yell. fls.

Perennial
Collector Jack C. Reveal

mounted

Mono Co.

Basin

No. 1039

Date 8-27-64

Species *Artemisia cana*

Pursh ssp. *bolanderi*
(A. Gray) G. Ward.

Location Big Sand flat
on Hwy 120, 4 mi E. of
Mono Mills

Type-Assoc. Sp. Sage-

Soil Deep pumice flat,
slightly alkaline. Dry site

Elevation 7850 Exposure flat

Remarks Coll. for distrib.

Shrub 4"-14" high.

Collector Jack L. Reveal

Collected from area where
most plants are layered by
pumice. Probably the type
locality of species

Mono C.

Basin

No. 1040 Date 8-29-64

Species Artemisia cana

Pursh. ~~ss~~ (= A. c. ssp

Bolanderii in Beetle)

Location Wafford Springs
on Pole Line Rd.

Type-Assoc. Sp. Carex - A. cana,

Chrysothamnus nauseosus

ssp viscidiflorus.

Soil Moist meadow

Elevation 6500' Exposure flat.

Remarks Shrubs - 14" - 24"
high.

Collector Jack L. Reveal.

The specimens represent *A. cana* of Mono Basin. Very likely *A. c. bolanderi* of Ward is one and the same, *bolanderi* being the form on dry sites

Monroe Co.

Basin

No. 1041

Date 8-29-64

Species *Chrysothamnus*
nauseosus (Pall.) Britton
ssp. *consimilis* (Greene) H. & G.

Location Wafford Springs on
Pole line road.

Type-Assoc. Sp. *Carex-Artemisia*
cana.

Soil Moist meadow, slightly
alkaline

Elevation 6500' Exposure flat

Remarks Coll. for dist.

Collector Jack L. Reveal.

Fide. Loram Anderson

C. parryi ssp. *nevadensis*
(a. Gray) Hall & Clem.

Mon. Co.

Basin

No. 1042 Date 9-1-64

Species *Chrysothamnus*
~~*noveboracensis* (Pall.) Britton~~
~~ssp. *hololeucus* (Gray) H. & C.~~

Location Lee Vining R.S., east
of office

Type-Assoc. Sp. Willow-sagebrush,
Carex.

Soil Dry glacial moraine

Elevation 7200' Exposure flat

Remarks ~~*Spiculate*~~ head;

Shrubs suppressed by willow-sage

Collector Sack L. Reveal

Unusual form with spicate
inflores.; pale yellow. Shrub
resembling *C. parryi*.

Mono Co.

Basin

No. 1043 Date 9-1-64

Species Machaeranthera
canescens (Pursh.) Gray

Location Lee Vining R.S.

Type-Assoc. Sp. Aspen-willow-
Sagebrush

Soil On-/ glacial gravels.

Elevation 7200' Exposure EAST.

Remarks Common. fls lavender;
tap-root (caudex); 14"-24" high.

Collector Jack L. Reveal.

Mono Co.

Basin Sierra

No. 1044

Date 9-3-64

Species *Compositae*

Erigeron miser Gray

Location Gibbs Lake, Lee Vining
Cr. drainage. W. side of lake

Type-Assoc. Sp. Lodgepole, mt. hemlock

Soil Moist site above the
lake shore

Elevation 9520' Exposure S.

Remarks Perennial from rootstocks,
fls yellow. Mostly past flowering

Collector Jack L. Reveal.

Mono Co.

Basin Sierra

No. 1045 Date 9-3-64
Species *Hauchera rubescens*
Torr.

Location Gubbs Lake, Lee Vining
Ca. drainage; w. side of lake
in a granite outcrop.

Type-Assoc. Sp. Lodgepole - Mt.
hemlock.

Soil. Rock crevices in
granite

Elevation 9550 Exposure A.N.

Remarks Past flowering

Collector Jack L. Reveal.

BRIKELLIA

Mono Co.

Basin Sierra

No. 1046 Date 9-4-64

Genus ~~Chaenactis?~~

Brickellia grandifolia
(Hook.) Nutt. var *petiolaris* Gray

Location Lundy Lake (Mill Cr.)

Rock slide above lake
at Lundy

Type-Assoc. Sp. Jeffrey Pine -
Sage

Soil Rock talus.

Elevation 7900' Exposure SE

Remarks Perennial - stems sparse
24" - 30" long. fls. cream

Collector Jack C. Rensel

file - JCR - 11-26-69

Mono Co

Basin Sierra

No. 1047

Date 9-4-64

Species Composite

Gnaphalium chilense
Spreng.

Location Lundy Lake (Mill Cr.)

Rock slide on NE corner

Lundy townsite

Type-Assoc. Sp. Jeffrey Pine - Sagebrush.

Soil Rock Talus.

Elevation 7900'

Exposure SE

Remarks Perennial - 18"-24".

Plant w/ celery odor. fls. white to
cream

Collector Jack C. Reveal.

drooping heads.

Mono Co.

Basin Sierra

No. 1048 Date 9-5-64

Species *Chrysothamnus*

~~Parrisi ssp Bolanderi (A. Gray)~~

~~Hall & Clem. H. macronema~~

Steelhead
Location ~~Odell~~ Lake, near

Lundy Pass, on fallus above
SE shore.

Type-Assoc. Sp. white-bark pine

Soil Meta-sedimentary
fallus (Hornfels)

Elevation 10,200 Exposure W.

Remarks Shrubs dark green, leafy,
glandular, rayless. 6"-10" high

Collector Jack L. Reveal.

shrubs with long tap roots in
unstable fallus.

~~Not used~~

Det James L.

~~NOT used~~

Mono C.

Basin Science

No. 1049 Date 9-5-64

Species *Eriogonum nudum* Dougl. ?

var *scapigerum*

(Eustw.) Jeps.

Location ^{steelhead} ~~Adett~~ Lake (Loudy Pass)

~~The~~ Tioga Pass local-ty. Tallus

around lake on E. side

Type-Assoc. Sp. *Whitebark Pine*

Soil Tallus and rocky benches.

Elevation 10,200 Exposure E + S.

Remarks Only *Eriogonum* seen at
this location.*

Collector Jack L. Reveal.

* Another *Eriogonum*, probably *E. incanum* T. & G.

Mono Co.

Basin Sierra

No. 1050 Date 9-5-64

Species *Chrysothamnus*
parryi ssp *monocephalus*
(Nels. & Kenn.) Hall & Clements.

Location Ellery Lake in Tioga
Pass, in cliffs above dam
to the North.

Type-Assoc. Sp. Aspen - white bark
pine

Soil Rock ledges of Meta-
sedimentary (Hornfels)

Elevation 9600 Exposure So.

Remarks Coll. near here by Lorán
Anderson.

Collector Jack L. Reveal.

Compact, brittle shrub; intricate.
8" - 14" high. fls. light cream;
twigs yell.-green. Old wood, very
dark. Phyllaries very light yell. green.
Lvs bright green, viscid (slightly)

M

Mono Co.

Basin

No. 1051 Date 9-7-64

Species *Chrysothamnus*
nauseosus (Pall.) Britt.
ssp *albicaulis* (Greene) H & G

Location Bohler Canyon
South of Lee Vining

Type-Assoc. Sp. Big Sage. Aspen
grass

Soil glacial moraine

Elevation 7600' Exposure E.

Remarks Somewhat more
pubescent, and whiter than typical

Collector Jack L. Reveal.

Mono Co. Basin Series

No. 1052 Date 9-8-64

Species *Haplopappus Macranema*
Gray

Location Mono Pass, head of
Bloody Canyon.

Type-Assoc. Sp. Alpine - whitebark
Pine.

Soil Tullus & rocky benches,

Elevation 10,900 Exposure South

Remarks Rather common

Collector Jack C. Reveal

see sent to Anderson.
~~This is the hybrid~~
Spec 1057 & 58

Mono C.

Basin Sierra

No. 1053

Date 9-8-64

Species *Chrysothamnus*
parryi

ssp. *monocephalus*

Location Mono Pass - head
of Bloody Canyon

Type-Assoc. Sp. Alpine - whitebark
pine

Soil Tallus - rocky
ledges above pass.

Elevation 10,900 Exposure S.

Remarks Rather common.
flat-topped shrub.

Collector Jack C. Reveal

Mono Co.

Basin Sierra

No. 1054 Date 9-8-64

Species Composite

Tanacetum canum

D.C. Eaton.

Location Mono Pass - head
of Bloody Canyon -

Type-Assoc. Sp. Whitebark Pine -
Artemisia Rothrockii

Soil Rocky gravels &
tallus

Elevation 10,800 Exposure S.

Remarks Shrub ca 10" high,
12"-18" wide (Sub-shrub)

Collector Jack L. Reveal

side JP - 11-26-64

Mono Co.

Basin Sierra

No. 1055 Date 9-8-64

Species *Artemisia Rothrockii*
Gray

Location Mono Pass-head of
Bloody Canyon

Type-Assoc. Sp. *Whitbark Pine*

Soil Rock-gravel-of
granite & hornfels.

Elevation 10,800 Exposure S.

Remarks Shade forms in
this collection.

Collector Jack L. Reveal

A. Rothrockii is the common shrub at this locality. *A. cana* ssp *Bolanderi* (Gray) Ward. was not found. The type locality must be in

Mono Co.

Basin Sierra

No. 1057 Date 9-8-64

Species *Chrysothamnus*
parryi ssp. *Bolanderi*
(Gray) Hull & Clem.

Location Lower Sardine
Lake in Bloody Canyon
(Mono Pass)

Type-Assoc. Sp. Alpine: whitebark pine,
Artemisia Rothrockii

Soil Talus - hornfels.

Elevation 9,900 Exposure S.E.

Remarks Close to upper limit of
range. Lower limit here ca 9700'

Collector Jack L. Reveal.

Assoc. with *Chrysothamnus nauseosus*
ssp. *albicaulis*, *Haplopappus macronema*
& *H. suffruticosus*; *C. parryi* ssp.
monocephalus.

Mono Co.

Basin Sierra

No. 1058 Date 9-8-64

Species *Haplopappus*
suffruticosus (Nutt.) Gray.

Location Lower Sardine Lake
in Mono Pass (Bloody
Canyon) above Walker Lake

Type-Assoc. Sp. Alpine: whitebark
pine - *Artemisia Rothrockii*

Soil TALLUS - hornfels.

Elevation 9900 Exposure SE.

Remarks Shrub - 8" - 12", compact.

Stipitate glandular. 1-2 rays -
6-8 tubular fls. yellow.

Collector Jack L. Reveal.

Assoc. with *Chrysothamnus*
nauseosus ssp *albicaulis*; *C. parryi*
ssp *Bolanderi*; *Haplopappus*
macronema; *C. parryi* ssp
monocephalus.

Mono Co.

Basin Sierra

No. 1059

Date 9-8-64

Species *Chrysothamnus*

nauseosus ssp *albicaulis*
(Greene) Hall & Clem

Location Lower Sardino Lake
Mono Pass (Bloody
Canyon)

Type-Assoc. Sp. Alpine: whitebark pine

Artemisia Rothrockii

Soil Tullus of hornfel

Elevation 9,900 Exposure S.E

Remarks Near upper limits of species

Collector Jack L. Reveal.

Associated with *Aaplopappus*
Macronema, *H. suffruticosus*,
C. parryi ssp *Bolanderi*, *C. parryi*
ssp *monocephalus*.

Fide - Loran Andersen

Mono Co.

Adobe Basin

No. 1060 Date 9-10-64

Species *Haplopappus suffruticosus*
(Nutt.) Gray ssp
tenuis (Hall) M. Minn

Location Sawmill rdw - Head of
Black Canyon, Sec 15, T25, R30E.

Type-Assoc. Sp. Lodgepole - Jeffrey -
Big Sagebrush.

Soil Pumice-obsidian (rhyolite)

Elevation Ca. 8900' Exposure EAST

Remarks Shrub 8"-14" high. Stipitate
glandular; 1-3 rays; 9-11 fls.

Collector Jack L. Reveal.

Moore Co.

Basin

No. 1061 Date 9-13-64

Species Chrysothamnus
nauseosus subsp. hololeucous.
(A. Gray) A. & C.

Location N.W. corner of Basin
generally in "dunes" such as
along Pole Line Rd.

Type-Assoc. Sp. Big Sagebrush -
Tetradymia glabrata.

Soil Pumice & beach sands.

Elevation 6800 Exposure South.

Remarks Usually on non-alkaline
soils. Common in Basin & Easterly.

Collector Jack L. Reveal.

On alkaline sites, this species
is replaced by *C. nauseosus*
subsp. *consimilis* (Greene) H. & C.
On drier sites by *C. viscidiflorus*
(Hook.) Nutt.

Mono Co.

Basin

No. 1062 Date 9-13-64

Species Chrysothamnus
viscidiflorus subsp.

viscidiflorus (Hook) Nutt.

Location Common in Basin on
drier non to slightly alkaline
soils

Type-Assoc. Sp. Big Sagebrush.

Soil Dry alluvial fans &
terraces of gravels, pumice,

Elevation 6800 Exposure S.

Remarks Coll. from Pole line

Rd. 10 mi E. 395

Collector Jack L. Reveal.

On drier sites on NE & E. sides
of basin, this species replaced
by *C. viscidiflorus* subsp
puberulus (O.C. Eaton) H. & C.

Begin Copy

Marro Co.

Basin Sierra.

No. 1063 Date 9-15-64

Species *Juniperus*
communis L. var.
saxatilis Pall.

Location Head of Lundy
Canyon on Lundy trail
near Helen Lake.

Type-Assoc. Sp. Alpine.

Soil Bare, glaciated
meta-sedimentary.

Elevation Ca. 9500' Exposure E.

Remarks Prostrate. Uncommon.

Collector Sack C. Reveal

This form of *C. n. consimilis*
has phyl. slightly pubescent.

Mono Co.

Adobe Valley

No. 1064 Date 9-19-64

Species *Chrysothamnus*
muuseosus ssp. ^{consimilis} ~~graphalodes~~
(Green) Hall & Clem.

Location McGee Canyon at
the foot of Glass Mt. -
Adobe Valley

Type-Assoc. Sp. Jeffrey Pine -
big sage brush.

Soil Pumice & obsidian

Elevation 7700 Exposure N.

Remarks Common Rabbit brush
in this wash.

Collector Jack L. Reveal.

* ~~(*C. n.* subsp. *hololeucos*
(Green) Hall & Clem.)~~

~~form with narrow, long
corolla lobes, corolla extended,
inflated beyond pappus. Lvs rolled~~

Mono Co.

M. Basin

No. 1065 Date 9-20-64

Species Chrysothamnus

viscidiflorus ssp.

puberulus (D.C. Eat.) H&C.

Location East Side Mono L.

ca. 2 mi S. of Alameda
Well.

Type-Assoc. Sp. Sagebrush-
rabbitbrush.

Soil Lake terrace alluvium

Elevation 6850 Exposure flat

Remarks Recollection for BLM,
Bridge pit.

Collector Jack L. Reveal.

This subsp. occupies the
driest sites with *Artemisia*
tridentata subsp. *tridentata*.

Mono Co.

Basin Sierra

No. 1066 Date 9-22-64

Species Chrysothamnus

Parryi ssp. monocephalus
(Nels. & Kenn.) Hall & Clem.

Location Mt Warren Bench

ca. One mi N. Log Cabin Mine

Extreme NE Cor. Sec 35, ^TR2N, R2SE.

Type-Assoc. Sp. Artemisia nova

Soil Bench of broken angular
rock - alluvium on granite

Elevation 9990 Exposure flat - S.

Remarks Shrub dwarfed - 6"-8" high.

10"-16" broad. Compact. ^{MOSTLY} PAST FLOWER

Collector Jack L. Reveal.

To L. Anderson 10/5/64

C. p. mono. occurs about a mile further north, too. Again, assoc. w/ Artemisia nova, Gilia leptodactylon pungens.

Seed coll. for L. Anderson, both sites

Hds. mostly L. flowered.

file: Loran Anderson - 10/9/69
1067A - *C. Nauseosus* ssp *albicaulis*
1067B - *Haplopappus macronema*

Shrub with outward appearance of
C. parryi subsp. *bolanderi*; one resembles
C. n. ~~viscosus~~ consimilis w/ pubescent phyllaries

To L. Anderson - 10/5/69

1067A - in flower

1067B - post flower

Mono Co.		Basin Swamp	
No.	1067	Date	9-23-64
Species	<i>Chrysothamnus</i> See above		
	<i>Parryi?</i> <i>Chrysothamnus</i>		
	ssp. <i>viscosus</i> Leck		
Location	Lundy Mine road (jeep) at 1 st Spring; edge of road on N. side, toward W. end spr. area.		
Type-Assoc. Sp.	Willow-sage-grass (spring side)		
Soil	Moist but rocky (stabilized tallus.) - Shrubs on dry ground.		
Elevation	8600'	Exposure	N.
Remarks	Coll. may contain 2 species. Only 2 shrubs found.		
Collector	Jack L. Reveal.		

2 shrubs found. 14"-24" round; simple
branches, many, flexible. Mostly in seed.
Lvs. deep green - 3 to +4 mm wide, spatu-
late, very viscid, strongly scented.
Some stigma 3-parted. May be 2
species in this collection.

Mono Co.

Basin Sureau

No. 1068 Date 9-23-64

Species Elymus?

Location Landy Mine Rd. (Jeep trail)
at 1st spring

Type-Assoc. Sp. Willow-grass

Soil Moist-stoney.

Elevation 8600' Exposure N.

Remarks Tall-36"-48" grass
apparently w/ rhizomes.

Collector Jack C. Reveal

Mono Co.

Basin Sierra

No. 1069 Date 9-23-64

Species *Glyceria*?

Glyceria elata (Wash)

A.S. Hitch. in Jeps

Location Lundy Mine Rd. - Jeep
trail at 1st spring

Type-Assoc. Sp. *Willow-grass*

Soil Moist-stoney.

Elevation 8600' Exposure N.

Remarks Culms - 30"-40"

Collector Jack C. Reveal.

file Holmgren

Mono Co.

Sierra

No. 1070 Date 9-27-64

Species Haplopappus
bloomeri A. Gray.

Location Sonora Pass along
main road.

Type-Assoc. Sp. Artemisia cana
+ Whitebark Pine

Soil Well drained alluvium

Elevation 9600 Exposure South

Remarks Not typical of Sp.

Collector Jack L. Reveal.

fls with 2-3 ray fls.
Few plants on Mono Co side
of pass; common on West side
to ca. 7000' elev. Lvs wider
than Munz' description.

1 sheet to L. Anderson

L. Anderson: 10-9-64

* fide: ssp. nevadensis
(Gray) Hall & Clem.

Mono Co.

Basin

No. 1071 Date 9-28-64

Species Chrysothamnus *
parryi ssp. vulcanicus
(Greene) Hall & Clem.

Location Grant Lake along
highway cuts ca 1 mi
W.S. of Boat Landing

Type-Assoc. Sp. Artemisia biden-
tata (NWNW 1/4 Sec. 33, 15, 265)

Soil glacial alluvium

Elevation 7000 Exposure South

Remarks Shrub viscid but
not stipitate glandular

Collector Jack L. Reveal

1st. collection in
Basin. Most shrubs past
flower. Shrubs-
8"-14" high; simple
stems from root crown.
Very leafy - dark green

(1 sheet to L. Anderson 10/31/64)
Possibly ssp. asper oriented to Pumice soils,
This ssp vulcanicus to stoney moraines base of Sierra.

Mono Co -

Crowley Basin

No. 1072 Date 9-29-64
Species Haplopappus
bloomeri ~~A. Gray~~
var. angustatus A. Gray
Location Hills 3 mi South of
CRESTVIEW. Roadside &
timber openings
Type-Assoc. Sp. Jeffrey Pine-
Artemisia tridentata
Soil Pumice

Elevation 7500 Exposure Open
Shade

Remarks Lvs. linear, rolled.

Ray fls 1-2 or missing

Collector Jack C. Reveal.

1 sheet L. Anderson 10/5/64

Apparently a linear-leaved
form of timbered sites
Compare with #1070 from Sonora Pass

AM

S. B. Co.

W. Mojave

No. 1073

Date 10-3-64

Species ~~Composite~~ - Haptopappus

Senecio Douglasii D.C.

Location Adelanto - ca. 5 mi S.

Type-Assoc. Sp. Joshua tree -

Soil Q-alluvial

Elevation _____ Exposure flat

Remarks fls. yell; rays 10-14.

Shrubby - suffruticose - 4'-5'

Collector Jack L. Reveal.

San Bern. Co. W. Mohave

No. 1074 Date 10-3-64

Species *Chrysothamnus*
nauseosus ssp. *mohavensis*
(Greene) Hall & Clem

Location Adelanto - dry
wash ca 5 mi So. Adelanto

Type-Assoc. Sp. *Soshua* tree -

Soil Q-alluvial - dry wash.

Elevation _____ Exposure flat

Remarks Most plants pre-flower

Collector Jack L. Reveal.

S. B. Co.

W. Mojave

No. 1075 Date 10-3-64

Species ~~Grindelia-like gum weed.~~

Lessingia germanorum
Cham var. *Lemmonii*

Location Adelants - Roadside

ε waste area weed. (Gray)

J. T. Howell,

Type-Assoc. Sp. Joshua tree

Soil Q-alluvial

Elevation _____ Exposure flats

Remarks Annual-common. Yell.

f/s.

Collector Jack L. Reveal.

KEIZEN Co

N-Mojave

No. 1076 Date 10-4-64

Species Baccharis
emoryi GRAY

Location Wash - about 10 mi
SE Inyokern

Type-Assoc. Sp. Creosote bush

Soil alluvium

Elevation _____ Exposure flat.

Remarks Shrub - 24" - 36"

Collector Jack L. Reveal.

Kern Co.

No. 1077 Date 10-4-64

Species Datura
meteloides D.C.

Location Between Inyohem +
Lillelolo. Roadside waste,
drainages where moisture gathers

Type-Assoc. Sp. Croseto

Soil Q-alluvium

Elevation _____ Exposure flat

Remarks Roadside + drains

Collector Jack L. Reveal

Inyo Co.

OWENS V.

No. 1078 Date 10-4-64

Species Chrysothamnus

roseus ssp

mohavensis (Greene) H+C.

Location Little Lake - just below
town on old HW-1.

Type-Assoc. Sp. Edge of spring
area, Atriplex.

Soil Q alluvium - Basalt.

Elevation _____ Exposure So.

Remarks _____

Collector Jack L. Reveal.

Mineral Co. Nev. E. Walker

No. 1079 Date 10-18/64

Species *Nicotiana*
attenuata TORR.

Location Bodie Cr. above Del Monte
in the canyon. Roadside
gravels.

Type-Assoc. Sp. Pinjon-Sage &
limited riparian influence

Soil ~~Ad~~ Andesitic gravels

Elevation 7000' Exposure Bottom

Remarks Annuals - taprooted.

18"-30" high; several stems
fls: light lavender. Closed

Collector Jack & Rose et al.

1079 (b) unknown
Name capetatum

~~Hamamelis~~
C. axillaris Keck

Mineral Co Nev. walker

No. 1080 Date 10-18-64

Species *Chrysothamnus*
viscidiflorus ssp

Location 1 mi N. of Fletcher
SW 1/4 Sec 18, T 6N, R 28 E.

Rough Cr. drainage

Type-Assoc. Sp. Shadscale

Soil alluvium; slightly alkaline

Elevation 6080 Exposure flat

Remarks Low shrub, many w/
axillary buds; fls in axils

Collector J. Reveal.

Most plants past fl. This collection
still green. Unusual, w/
only axillary fls.

foot Aldrich Grade

Lyon Co, Nev.

walker

No. 1081 Date 10-18-64

Species Senecio
spartioides T & G.

Location foot of Aldrich Grade
NWNE Sec. 6, T7N, R
28 E.

Type-Assoc. Sp. Pinon - Juniper

Soil Volcanic Tuffs (Lake
Sediments)

Elevation 6080 Exposure N.

Remarks Most plants past fl.

Peren. from taproot w/ buds;

Collector Jack L. Reveal.

fls fell. Plants - 12" - 24"

Det - Jack R.

Dup " Jim R.

San Joaquin
~~San Joaquin~~ Co.
~~San Jo.~~ Co.

Cal.

No. 1082 Date 3-20-65

Species

Orthocarpus
erianthus Benth.

Location ca. 2 mi W. Woodward
Reservoir, N. of OAKDALE

Type-Assoc. Sp. Annual grass-weeds
Roadsides: Bur Clover.

Soil Heavy

Elevation _____ Exposure Flat.

Remarks Blankets of yellow
fls.

Collector Sack C. Reveal