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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.

⑦
930-1027

11/30/63 to 8/12/64

Death V. - Inyo Co.

No. 930 Date 11/30/63

Species Euphorbia
parishii Greene

Location DEATH VALLEY - ca.
8 mi N. Furnace Cr.
Near hwy.

Type-Asoc. Sp. Creosote bush.
to Atriplex (hollyleaf)

Soil Very alkaline desert
fan

Elevation -200 Exposure Flat.

Remarks _____

Inyo Co.

No. 931 Date 11/30/63

Species Dalea mollissima
(Rydb.) Munz.

Location Death Valley - ca.
8 mi. W. of Furnace Cr
near highway.

Type Assoc. Sp. Crevate bush -
to hollyleaf striples

Soil Very alkaline alluvial
fan.

Elevation -200' Exposure flat

Remarks

Collector Jack L. REVEAL

Inyo Co.

No. 932 Date 11/31/63

Species Atriplex hymenelytra
(Torr.) Wats.

Location Eureka Valley -
East side along Death
Valley Rd.

Type-Assoc. Sp. Atriplex

Soil Limestone alluvial

Elevation 4000' Exposure WEST

Remarks

Collector

J. T. A. REVEAL

San Bernardino Co.

933 Date 2/2/64

~~Eriogonum~~ ssp.

Craton californicus

Muel-Arg. var. *mohavensis* ferg.

Santa Ana Wash -

± 3 mi N. REDLANDS

Type-Assoc. Sp. *Baccharis*, etc
in wash.

Soil River gravels &
sands

Elevation _____ Exposure flat

Remarks Common here.

Collector Jack L. Reveal

Perennial shrub; very open
& stringy. Lvs few. Plants
ca. 24"-30" high; 12"-24"
wide.

Det. Jim R

San Bern. Co.

No. 934 Date 2/2/64

Species Grass, perennial

Schismus barbatus
(L.) THELL.

Location Santa Ana Wash ca
3 mi N. Redlands

Type-Asoc. Sp. Baccharis, etc.

Soil Sandy banks of the
wash.

Elevation _____ Exposure Flat

Remarks _____

Collector Jack L. Reveal

San Bern. Co.

No. 935 Date 2/2/64

Species LOTUS rigidus
(Benth.) Greene

Location Santa Ana Wash
ca 3m. N. REPLANDS

Type-Assoc. Sp. Baccharis, etc.

Soil River wash sands
& gravels.

Elevation - Exposure flat

Remarks

Collector Dock L. Reveal

INYO Co. Calif.

No. 936 Date 2-28-64

Species Grass: perennial; festuceae:

Schismus barbatus

(L.) THELL

Location 1/4 mi So. of Little
Lake P.O.

Type-Assoc. Sp. Creosote brush

Soil Rocky granits

Fan material: disturbed

Elevation So. Exposure by equipment.

Remarks Very prostrate
form.

Collector Jack L REVEAL

S. B. Co. Calif

No. 937 Date 7-29-64

Species Composite - Geraea

Location Marix Lake, Ca.
8 mi E. of Terro.

Type-Asoc. Sp. Larrea - strepera

Soil fine silt & gravels

Elevation _____ Exposure South

Remarks Winter blooming

perennial

Collector Jack L. Reveal

~~Johnson Cr.~~

Bermuda Grass

Ings Cr - Death V.

938

4/11/64

Cynodon dactylon
(L.) PER.

furnace Creek wash
Death Valley

Type Assoc. Sp. Creosote bush.

Acacia

Soil fan material - near

Elevation 50' Exposure flat

Remarks the common grass
at furnace Cr.

Collector Jack L. REVEAL

None USU

Inyo Co. Death Va.

No. 939 Date 4/11/64

Species *Geraea canescens*
T. & G.

Location furnace Cr. Wash

Type-Assoc. Sp. Creosote bush

Soil WASH alluvial

Elevation 1800' Exposure Flat

Remarks Very common

Collector Jack L. REVEAL

none USU

11-10 - Death Va.

No. 940 Date 4/11/64

Species Peucephyllum

Schottii (Gray) Gray

Death Va - furnace Cr.

WASH.

Creosote bush

Wash alluvial

Elevation 1800' Exposure Flat

Remarks "Spruce bush"

Pign & Cedar

Collector Judith Arlene Reveal

None - USA

In-to-Death Va.

No. 941 Date 4/11/64

Species Eriogonum inflatum
Torr & Frem.

Location Furnace Cr. Wash.
Death Valley N.M.

Type-Asso. Sp. Creosote bush

Soil fan & wash alluvial

Elevation 1800' Exposure flat

Remarks Common.

Collector J. & A. REVEAL

none to USU

Used 946

Inyo - Death Valley

No. 942 Date 9/11/64

Species *Mohavea*

Mohavea breviflora
Cov.

Location Furnace Cr. WASH

Type-Assoc. Sp. Creosote bush

Soil WASH alluvial

Elevation 1800' Exposure Flat

Remarks Stout, low, succulent
w/ yellow fls.

Collector J. & A. REVEAL

None to USU

1240-

Death Va.

No. 943 Date 4/11/64Species GiliaGilia cana (Jones) Heller-
ssp. triceps (Brand) ^{A+V.} GrantLocation furnace Cr. WashType Assoc. Creosote bushSoil WASH alluvialElevation 1800' Exposure flat

Remarks

Collector J. & A. REVEAL

Inyo - Death va.

No. 944 Date 4/11/64

Species LANGLOISIA
PUNCTATA (COV.) GOODEN.

Location furnace Cr Wash.

Type-Assoc. S. Creosote bush

Soil Wash alluvial

Elevation 1800 Exposure flat

Remarks

Collector J. + A. Reveal

none to USU

Inyo Co. Death V.

No. 945 Date 4/11/64

Species Atrichoseris platy-
phylla. A. Gray

Location furnace Cr. Wash.
ca. 1 mi E. Mod. boundary

Type-Assoc. Sp. Creosote bush

Soil fan & Wash alluvial

Elevation 2400' Exposure flat

Remarks very common
roadside

Collector J. S. A. Reveal.

No. 946 Date 4/11/64
Species? ~~Oenothera decurtans~~
see 942

Location funnel Cr. wash
- ca. 1 mi E. Monument bdr - 1

Type-Assoc. Sp. Ceanothus bush

Soil wash alluvial

Elevation 2400' Exposure flat

Remarks

Collector L. & G. Reveal

No. 947 Date 4/11/64

Species Composite.

Perityle Emoryi
Torr. in Emory.

Location furnace G. wash.

ca. 1 mi E Park boundary

Type Area S. Creosotebush

Soil alluvial wash.

Elevation 2400' Exposure flat

Remarks white ligules, yell. center

Collector J & G. Rival

17-10 Co.

No. 948 Date 4/11/64

Species Salvia carduacea
Benth.

Location

10 mi W. of Shoshone on
Salisbury Pass Road.

Type Area Sp. Geosotebush

Soil Desert fan - roadside

Elevation _____ Exposure East

Remarks _____

Collector J + A. Ravenel

Inyo Co.

No. 949 Date 4/11/64
Species Cassia armata WATS.

Location Salisbury Pass Road -
10 mi W. Shoshone

Type-Assoc. Sp. Geosotebush

Soil Desert fan

Elevation _____ Exposure _____

Remarks "Desert Senna"

Collector J. G. Ruedel

None USA

INVO-

No. 950 Date 4/11/64

Species Monoptilon bellioides
(Gray) Hall.

Location Salisbury Pass Rd.
10 mi W. Shoshone

Type-Asso. S. Creasotebush

Soil FAN Alluvial

Elevation _____ Exposure E

Remarks Roadside ditches
w/ favorable moisture

Collector J. + A. Reveal.

From USU

INYO Co.

No. 951 Date 4/12/64

Species Pluchea sericea
(NUTT.) Cov.

Little
Location Sand Springs -
17 mi N. of Scotty Castle S.W.C.
- Death Valley.

Type-Asso. Sp. Cresote bush -

Bursage

Soil Granite alluvial -

Valley fill - at the spring

Elevation _____ Exposure Flat

Remarks _____

Collector J & G Reveal

None USA

Inyo Co -

No. 952 Date 4/12/64

Species Suaeda Torreyana
WATS var. ramosissima
(Standl.) MUNZ.

Location Little Sand Spr. s.
17 mi N. Scott's Junction
- Death Va.

Type-Assoc. S. Greasote bush -
Budsage -

Soil Alluvial - granite - alkaline
near spring.

Elevation _____ Exposure Flat

Remarks Shrubs hedged.

Collector J + G. Reveal.

none USU

Not used

Info Co.

No. 953 Date 4/12/64

Species Shrub.

Lepidium FREMONTII WATS.

Location Little Sand Sprs - 17 mi
N. Scooby's Lume - Death V.

Type-A: Creosotebush

Soil Alluvial (basin
fill.)

Elevation _____ Exposure flat.

Remarks white fls - 4 petals -

Collector S & W Ruedel

1-USA

Mono Co. - Mono Basin

No. 954 Date 5/27/64 5'

Species Aniscoma 5/30/64

acaulis T. & G.

Location WALKER Creek at
Walker Land Co. Gate
Mono Basin.

Type Area S. Sagebrush

Soil glacial alluvial

Elevation 7250 Exposure SE

Remarks

Collector Lackl. Ryeal

~~New~~ species in
~~Mono~~ Basin

new to basin

Mono Co. - Mono Basin

No. 955 Date 5/27/64

Species Amelanchier
pallida Greene.

Location LeeVining Creek,
just above highway
395

Type-Asso. JP-WF. - willow.
along creek.

Soil Stony glacial
alluvial -

Elevation 6800' Exposure E.

Remarks rather uncommon.

Collector Jack L. Reveal

Mono Basin

No. 957 Date 5/30/64

Species Viola

Location inside DAN BURN
at foot of Bohler Canyon

Former
Type-Areas Sagebrush-weeds

Soil glacial alluvial

Elevation 7500' Exposure SE

Remarks only one plant found.
Yell. fls. Annual?

Collector Jack L. Rensel

Mono Co - Mono Basin

No. 958 Date 5/30/64

Species Lepidium perfoliatum
L.

Location Rush Cr. at Silver
Lake Pack station
Roadside.

Type-Areas. Sagebrush (de-
nuded).

Soil glacial alluvial

Elevation 7350 Exposure flat

Remarks Not common here

Collector Jack L. Reveal

Mono Co.

Basin

No. 959 Date 5/30/64

Species Mentzelia

albicaulis Dougl. ex
Hook.

Location Walker Creek just
above City of L.A.
intake.

Type-Assoc. Sagebrush

Soil glacial alluvial

Elevation 7500 Exposure SE

Remarks Annual

Collector Jack L. Reveal

Aloua Co.

Bosnia

No. 960 Date 5-30-64

Species Astragalus purshii
Dougl. var. tingtus

M.E. Jones

Location North Moraine above
Grant Lake, on crest.

Type-Assoc. Sp. Low Sagebrush,
+ Bromus tectorum.

Soil Very stoney moraine

Elevation 7800' Exposure flat-So.

Remarks Prostrate - from heavy
tap root

Collector Jack L. Reveal.

Check Artemisia here.
low sp. may be A. arbuscula

Det Jim R

Mono Co.

Basin

No. 961 Date 5-30-64

Species Delphinium andersonii
A. Gray var andersonii

Location N. moraine of Grant L.
on highest crest.

Type-Assoc. Sp. Sagebrush (low)
+ Bromus tectorum

Soil Glacial Moraine
(Tahoe)

Elevation 7800' Exposure flat S.

Remarks Root stock -

Collector Jack L. Reveal

Mono Co.

Basin

No. 962

Date 5-30-64

Species CARROT.

Cymopterus

Location N. Grant Lake Moraine

ca. 7700' in SWALE

1/4 mi W. OF N.F. Bdr.-/.

Type-Assoc. Sp. Sagebrush

Soil Moraine alluvial

Elevation 7700' Exposure E

Remarks

Collector Jack L. Reveal

Mona Co.

Basin

No. 963 Date 5-50-64

Species Layia glandulosa
(Hook.) H. & A. ssp.

Glandulosa

Location Sawmill Canyon - No.
opposite head of meadow
above the dirt road.

Type-Asso. S. Black sagebrush
+ low bitterbrush

Soil alluvial w/ pumice

Elevation 7500 Exposure _____

Remarks 2"-3" high. scarce.

Collector Joel C. Rueland,

NYE Co. Nevada

No. 964 Date 5/31/64

Species *Eriophyllum*
lanatum (Pursh.)
Forbes

Location Hwy 6. - ca. 5 mi E
of Warm Springs

Type-Assoc. Sp. Sargebrush
- *chrysothamnus*.

Soil alluvial plain -
on road edge

Elevation _____ Exposure Flat

Remarks Plants mostly confined to
roadside fill (Moisture below)

Collector J + G. Ravenel

Nye Co, Nevada

No. 965 Date 5-31-61

Species *Enceliopsis*
nudicaulis (A. Gray)
A. Nels.

Location 1 mi. SW. Lockes
Station on Hwy 6.

Type Assoc. Sp. Black sage - strip leaf

Soil alluvial fan. volcanic

Elevation _____ Exposure EAST

Remarks From rootstocks - plants
in clumps of several stems

Collector Jack + Arlene Reveal

Det. A. Holmgren

Nevada - Elko, Co.

No. 966 Date 6-1-64

Species Townsendia
scapigeris D.C. Eaton

Location ca. 20 mi SW of
Wendover on Hwy 50 ALT.
in the foothill above Salt Lake

Assoc. sp. Atriplex - Artemisia
tripartita, Eriogonum

Soil alluvial fan

Elevation _____ Exposure flat

Remarks White to pale blue
petals; yellow disk fls.

Collector J + G Reveal

Det. A Holmyer

Nevada - Elko Co.

No. 967 Date 6-1-64

Species Eriogonum
kingii

Location Ca. 20 mi SW of Wend-
over on Hwy 50 ALT.
in the foothills

Type Assoc. Atriplex, Artemisia
tripartita, Erodia

Soil Alluvial fan.

Elevation _____ Exposure Flat

Remarks Cespitose

Collector J + G Reveal

Elko Co, Nevada

No. 968 Date 6-1-64

Species Artemisia nova.

A. Nels.

Location Ca. 20 mi SW Wendover
on Hwy 50 Alt. in foothills

Type-Assoc. S. Atriplex,

Soil Alluvial Fan

Elevation _____ Exposure Flat

Remarks HAS appearance
of A. arbuscula.

Collector J+G Reveal

Low, flexuous, with persistent
flowering stems; deeply triden-
tate, cuneate.

Nevada, Elko Co.

No. 969 Date 6-1-64

Species Delphinium
Andersonii Gray

Location Ca. 20 mi SW Wendover
on HWY 50 ALT. IN THE
FOOTHILLS.

Type Assoc. Sp. Atriplex, Artemisia
nova, Erodia

Soil Alluvial tan

Elevation _____ Exposure flat

Remarks _____

Collector J + G. Reveal

Det. A. Holmyer

Nevada, Elko Co.

No. 970 Date 6-1-64

Species *Astragalus*
calycosus Torr.

Location Ca. 20 mi SW Wendover
in the foothills

Type-Assoc. Sp. *Atriplex*, *Artemisia*
Erobia

Soil alluvial - alkaline

Elevation _____ Exposure flat

Remarks Caespitose.

Collector J.G. Reveal

Det. A. Holmgren

Mono Co -

Basin

No. 971 Date 6-14-64

Species DRABA stenoloba

Ledeb. var nana

(O. E. Schulz.) C. L. Hitch

Location Sawmill Cr: SE corner

Sec 7, T1S, R26E.

Type-Asoc. Sp. Aspen-grass

Soil Alluvial - streamside.

Moist creek bank

Elevation 7680 Exposure E

Remarks Basal lvs; flattened
pod; tiny yel. fls.

Collector Lack Reveal

det Jun R

Mons 6

Basin

No. 972 Date 6-14-64

Species Populus ANGUSTIFOLIA
JAMES.

Location Lee Vining Creek
at Ranger Station

Type Assoc. Sp. Aspen-cottonwood
-willow

Soil glacial alluvial-
streamside

Elevation 7200 Exposure Canyon
Both - E.

Remarks _____

Collector J. Reveal

Mons Co.

Adobe ✓

No. 973

Date 6-15-64

Species Blue-eyed grass

Sisyrinchium

halophilum Greene

Location Pizona Cabin on

Pizona Cr.

Type-Assoc. Sp. Wet Mdw - Carex-

POA

Soil alluvial from Basalt,

slightly alkaline

Elevation 7000' Exposure South

Remarks

Collector

Sach & Reveal

Rest Lump

Mono Co.

Beech

No. 974 Date 6-15-64

Species Clover

Location Pizona Cabin

Type-Asso. Sp. Wet meadow -
Carex-Poa

Soil Alluvial from Basalt

Elevation 7000' Exposure South

Remarks Underground
root stocks; no runners.

Collector Jack Reveal

fls white-pink

Mono Co.

Adobe V.

No. 975 Date 6-15-64

Species Triglochin

Location Pizona Cabin
on Pizona Creek

Type Assoc. St. Wet Meadow-
Carex-Poa

Soil Alluvial from Basalt

Elevation 7000' Exposure South

Remarks Only 1 plant found

Collector Jack L. Reveal

Mono Co.

Basin

No. 976 Date 6-17-64

Species Arctostaphylos patula
Greene

Location Reversed Cr. -
slope East of Lost Creek

Tree Assoc. Sp. Jeffrey Pine -
Big Sagebrush

Soil glacial alluvial

Elevation 7700' Exposure N.

Remarks Not common

Collector Jack L. Reveal

Ded. Lock R.

O. Webberi (Thorb.)
Benth. ex. Vasey
Mono Co.

No.	977	Date	6-19-64
Species	<i>Orizopsis Kingii</i> (BOL.) Beal.		
Location	Rock Cr. Campground, Inyo N.F.		
Type Assoc. St.	Jeffrey, Pinyon, Sage, grass.		
Soil	glacial alluvial		
Elevation	7200	Exposure	SE
Remarks	Assoc. with <i>Ruegrass</i> <i>Stipa</i> , <i>S. tenuis</i>		
Collector	Lock L. Reveal		

AA Holmgren -

O. hymenoides (Roem
& Schult.) Richer in Piper

Nevada, Mineral Co.

No. 978 Date 6-20-64

Species *Zigadenus*
venenosus S. Wats

Location Tuman Mdw above
the spring trough

Type Assoc. Sp. Carex-Poa
Meadow

Soil Deep volcanic alluvial

Elevation 7100 Exposure SE

Remarks Damp soil on
meadow edge

Collector Shreve

Det J. W. R.

Mineral Co, Nev.

No. 979 Date 6-20-64

Species Dodecatheon
pulchellum (Raf.) Merr.
ssp pulchellum

Location Truman Mdw above
the spring trough

Type-Asso. Sp. Carex-Poa
Meadow

Soil deep Volcanic alluvial

Elevation 7100 Exposure SE

Remarks Drier portions of
meadow

Collector Shrevel

sent Jack

Nevada, Mineral Co.

No. 980 Date 6-20-64

Species Salvia Dorrii
(Kell.) Abrams ssp
argentea (R. & B.) Munz.

Location Truman - 1 m. E
of Meadow on the
Jeep Road.

Type-Assoc. Sp. Black sagebrush
- Pinon

Soil Stoney basalt
w/ obsidian

Elevation 7000' Exposure S.

Remarks first found in
this locality.

Collector Jack & Randal

Caryophyllaceae

Monoc. Basin

No. 981A Date 6-25-64

Species ~~Baeria?~~ A

Cerastrium
vulgatum. L.

Location Lee Vining R.S. Lawn
at old station residence

Type: Assoc. Blue-grass

Soil deep, watered alluvial

Elevation 7200 by sure flat

Remarks stolons - rootstocks.

White fls. Perennials.

Collector Jack L. Reveal

Moore Co.

Adobe V.

No. 981 Date 6-26-64

Species Dodecatheon
alpinum (Gray) Greene.

Location Crooked Mdw.,
Head of Dexter Cr. NW 1/4 Sec
36, T15, R22E

Type-Assoc. S. Carex-Juncus-Poa
Meadow.

Soil Moist to damp meadow
edge.

Elevation 9000' Exposure flat

Remarks

Collector Sack L. Reveal.

var. caudiciferum
(Gray) Jeps.

Mono Co.

Basin

No. 982 Date 6-28-64

Species ~~*Eolyptridium*~~
umbellatum (Torr.)

Greene

Location So. East of U.S. Pumice
mine in flat below Mono
Craters (Little Sand flat)

Type-Assoc. Lupine - Spiney phlox
Chrysothamnus parryi asper

Soil Pumice sand.

Elevation 6900' Exposure flat

Remarks

Collector Jack L. Reveal

Spraguea umbellata
Torr. var. *caudicifera*
A. Gray

Det. Jim R. I

Mono Co.

Mono Basin

No. 983

Date 7-2-64

Species *Potentilla glandulosa*
Lindl. var. *pseudorupestris*
(Rydb.) S. Wats.

Location Dry Creek Spring -
SE end of Big Sand Flat
Hwy 120

Type-Assoc. Aspen-grass

Soil Pumice

Elevation Ca. 7900' exposure flat (N)

Remarks Underground roots -
perennial. Pale cream fls.

Collector Jack L. Runkel

Herb. JmR.

Achillea millefolium L.
ssp. *lanulosa* (NUTT.) Piper
var *alpicola* (Rydb.)
Garrett.

Mono Co -

Mono Basin

No. 984 Date 7-2-64

Species Achillea

Location Dry Creek Spring
SE end of Big Sand flat
 Hwy 120

Type-Assoc. S. Aspen - grass

Soil Pumice

Elevation 7900' Exposure flat N.

Remarks Tall, flexuous
-white fls.

Collector John C. Rued

det Jim R

Det G. H. H

Mono Co

Mono Basin

No. 985 Date 7-2-68

Species Grass - perennial.

Trisetum spicatum
(L.) Richt.

Location Dry Cr. Spring SE
corner of Big Sand flat

Hwy 120

Type Open - grass

Soil Pumice - Dry along
Spring.

Elevation Ca 7900' flat (ca)

Remarks Tomentose; spike

Heads

Collector Jack L. Renssler

Alamo County

Mano Basin

No. 986 Date 7-2-64

Species Eriogonum

spergulinum A. Gray var
reddingianum (M.E. Jones)

Location Hay Creek Spring SE
of Big Sand flat - Hwy 120

Type-Assoc. S. Open - grass

Soil loam - dry bank
at spring

Elevation ca 7900' Exposure flat (N)

Remarks Annual - white fls w/
pink cast.

Collector Jack C. Howell

Let Jim R

J. C. Howell

Mono Co.

Mono Basin

No. 987 Date 7-2-66

Species Phleum alpinum
L.

Location Dry Creek Spring - SE
corner Big Sand flat - Hwy
120.

Type-Assoc. S. Open - grass

Soil Pumice at spring.

Elevation Ca 7900' - pure flat (N)

Remarks Uncommon

Collector Leslie L. Ravenel

Moore Co -

Moore Basin

No. 988 Date 7-2-64

Species Aquilegia

formosa Fisch in D.C.

var. formosa

Location Dry Creek Spring - SE

Corner Big Sand flat -

Hwy 120

Type-Assoc. Sp. Open-grass

Soil limestone - moist

spring-side

Elevation 7900' Exposure flat (v.)

Remarks Rare

Collector Jack L. Reveal

det Jim R

Mar 7-8 Lizard L.
(Nelson L.) Irvine

Mar 15 - Luffa

Mar. 22 footprints
note of 3/21/64 at
Furnace Cr. on Sat Eve.

Sun. note - Stephens.

Mon. 3/23 - Teocopa
Mammal site.

Mon 27 - near Afton
28 } Afton Can. trap
29 }

April - 18 Irvine at
Love Pine.

Sun April 19 - Bristol Cone Pine
+ Paramit Dale

May 6 - Enroute Reno.
7 - Reno Conference.
Riverside Hotel +
8-9 Luffa + Gilbert
Cave.

989

New to Mono ~~Basin~~ County.
& to Basin.

Mono Co.

Mono Basin

No. 989 Date 7-4-64

Species Stanleya pinata
(Pursh.) Britton
var. pinata.

Location Mono Basin ca. 3 mi South
of Alameda well on the rocky cliff
marked by a contact between
sandstones & basalt. In the
contact, where erosion has cut
Type-Assoc. Sp. a steep gorge.

Pinyon-Sage.

Soil Stony - basalt & sandstone
(cemented sediments.)

6850', ~~7000'~~ Exposure TV

Woody base shrub
similar to ssp. injoensis
Munz. & Rose. Few plants.
Jack L. Reveal

NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 8, T. 2N, R28E.

New to Mono ~~County~~ L. Basin

Mono Co.

Basin

No. 490 Date 7-4-64

Species Salvia dorric
(Kell) Abrams ssp. argentea
(Rydb) Munz.

Location Mono Basin ca. 3 mi S. of
Alameda Well, in the cliff wall
showing a contact between
basalt & sandstone. In the
contact - steep gorge.

Type-Assoc. Sp. Pinon-sage.

Soil Rocky: basalt & sandstone

Elevation 6850' Exposure N.

Remarks Glomerules more widely
spaced & fewer. Shrub, round
24". Only several seen.

Collector Jack L. Reveal.

NE 1/4 NE 1/4 Sec 8, T2N, R28E.

Mono Co

Basin

No. 991 Date 7-12-64

Species Opuntia erinacea

Engelm's Bigel. var

Xanthostemma (K. Schum) L. Benson

Location Deep Wells on
the East side of Mono
Lake Basin

Type-Assoc. Sp. Pinyon-sage.

Soil Basaltic - thin
alluvial s' pumice

Elevation 6800 Exposure W

Remarks fls. light cream
yellow. - Spines 2"-3"

Collector Jack Reveal

Mono Co.

Basin

No. 992

Date 7-13-64

Species *Agrostis alba* L.

Location Mono Sub-station
spring, 1 mi N. of
Mono P.O.

Type-Assoc. Sp. *Carex*, willow

Soil Moist; spring edge.

Elevation 6875 Exposure East

Remarks

Collector Jack L. Ruesch

Mono Co.

Basin

No. 992A Date 7-14-61

Species SAMBUCUS
microbotrys
Rydb.

Location 1 mi N. Tioga Lodge
Mono Lake, on the hillside

Type-Assoc. Sp. Sagebrush - grass

Soil Alluvium

Elevation 6900 Exposure East

Remarks Shrub ca. 5' high.

Collector Jack L. Reveal

Mono Co.

Basin

No. 993

Date 7-13

Species *Stipa californica*
Merr. & Dav-1.

Location Dry side hill ca.
3/4 mi N. of Mono
P.O.

Type-Assoc. Sp. Sage-grass

Soil Alluvium

Elevation 6875 Exposure EAST.

Remarks Perennial in large
bunches, 3'-4 1/2' culms.

Collector LR

Mono Co.

Basin

No. 994 Date 7-13-64

Species Rhamnus
californica Esch. ssp.
cuspidata (Greene) C.B. Wolf.

Location Same as 992

- Above the spring
among Poplar trees

Type-Assoc. Sp. Willow-Aspen-

Soil Moist spring area

Elevation 6875 Exposure EAST.

Remarks

Collector Jack L. Reveal

file - Jim R

Mono Co.

Basin

No. 995 Date 7-13-64

Species Eriogonum ~~modicum?~~

elatum Dougl. ex.
Benth.

Location Dry side hill. Same
as 993. 3/4 mi N. of
Mono Lake P.O.

Type-Assoc. Sp. Sage-grass

Soil Alluvium

Elevation 6875 Exposure East

Remarks 2'-3' tall. Leafless

Collector Jack L. Reveal

Mono Co.

Basin

No. 996 Date 7-13-64

Species Equisetum.

KANSANUM J.H. Schaffn

Location Spring area below
Mono Sub-station Spring - 1 mi
N. Mono P.O.

Type-Assoc. Sp. Willow - Carex

Soil Dry soils above
meadowland.

Elevation 6800 Exposure EAST

Remarks Stems ca 24" - dark
green; perennial

Collector Loeb & Raveal

Lvs mostly basal; fls
white

Alonso 6-

Basin

No. 997 Date 7-18-64

Species CARNUM

Location Aeolian Buttes - 6 mi
S. of Las Virgenes in
Pumice Valley

Type-Assoc. Sp. Sage-bitterbrush

Soil Pumice

Elevation 7000' Exposure W.

Remarks Common in the
Bishop Tuff ledges

Collector John C. Reveal

Mano Co.

Besse

No. 998

Date 7-18-64

Species *Stipa*

Location W. side of Mano
Craters, ca. 2 mi N. of
Punchbowl.

Type-Assoc. Sp. Sagebrush, *Eriogonum*
bitterbrush

Soil Pumice

Elevation 7750 Exposure W.

Remarks Scattered pumiced
bunchgrass.

Collector Jack L. Rival

Mons Co

Besse

No. 999 Date 7-18-64

Species Stipa occidentalis?
Thurb.

Location Upper dry Cr. E. of
Upper Spring, NE 1/4 Sec
23, T15, R28E.

Type-Assoc. Sp. Sage - Jeffrey pine
bitterbrush, grass

Soil Pumice & Bishop
Tuff.

Elevation 8450 Exposure NE

Remarks glabrous sheaths; a
large bunchgrass; green.

Collector Jack L. Ravel

Aug det - L. R. R. & L.

Monro Co.

Basin

No. 1000 Date 7-18-64

Species *Penstemon*

speciosus Dougl. ex
Lindl var *speciosus*

Location Upper dry creek,
E. of upper Spring in
a draw. Same as 999

Type-Assoc. Sp. Sage - Jeffrey pine

Soil Pumice

Elevation 8450 Exposure NE

Remarks Perennial from stock
or root crown. fls. blue

Collector L. R. R. & L.

fls. blue above, lavender
below.

Mons. Co.

Basin

No. 1001 Date 7-18-64

Species Potentilla

Location Upper Spring on
Dry Creek. SW 1/4 Sec 23
T15, R28E.

Type-Assoc. Sp. Carex, Poa, Juncus

Soil Moist pumice stream
side.

Elevation 8400 Exposure flat

Remarks Not common. Annual.

Growing in cool shade

Collector Jack L. Reveal

Annual plant

Det. G. H. H.,

Moore Co.

Basin

No. 1002 Date 7-18-64

Species Agrostis scabra
Willd.

Location Upper Dry Creek
Spring, SW 1/4 Sec 23, T15
R28E

Type-Assoc. Sp. Carex, Poa, Luncus

Soil Moist prairie - stream -
side

Elevation 8400 Exposure flat

Remarks Perennial; fibrous
roots

Collector Jack L. Rweal

Imp. det. James R.

Mono Co.

Basin

No. 1003 Date 7-18-64

Species Epilobium watsonii

Barbey-in Brew. & Wats.
var parishii (Trel.) C.L. Hitchc.

Location Upper dry Cr. Spring

Same as 1002. SW 1/4

Sec. 23, T15, R28E.

Type-Assoc. Sp. Carex, Poa, Luncus

Soil Moist pumice -
streamside

Elevation 8400 Exposure flat

Remarks Not abundant

Collector Loeb & Ravenel

Mineral Co Nev - Basin

No. 1004 Date 7-26-64

Species ~~Eryptanthus?~~

Gilia congesta Hook.

var palmifrons (Brand.) Cronq.

Location ca. 2 mi W. Poleline

Summit - NE corner

Mono Basin

Type-Assoc. Sp. Pinon-sage

Soil Basalt - w/ pumice

Elevation 7600 Exposure South.

Remarks Annual - in shallow
pumice sand depressions

Collector Jack L. Reveal

Det JmR

Mono Co.

Adobe Va.

No. 1005 Date 7-28-64

Species Aster?

Macheranthera

cunescens (Pursh) Gray

Location Between M^cLee & Taylor

Canyon. Sec 30, T15, R30E

N. slope Glass Mt.

Type-Assoc. Sp. Jeffrey Pine-

Sage-

Soil Pumice & obsidian

Elevation 7500' Exposure E

Remarks Perennial. Blue rays,
Yellow disk.

Collector Skueel

Mono Co.

Adobe Valley

No. 1006

Date 7-28-64

Species Monardella

odoratissima Benth. ssp
glauca (Greene) Epl.

Location Between Taylor &

McGee Canyons, Sec. 30, T1S,

R30 E. N. Slope of Glass Mt.

Type-Assoc. Sp. Jeffrey Pine-
sagebrush.

Soil Pumice with obsidian

Elevation 7500' Exposure EAST.

Remarks Perennial from
root stocks.

Collector Jack L. Reveal

Mono Co.

Adobe V.

No. 1007 Date 7-28-64

Species *Haplopappus*

suffruticosus (Nutt.)

A. Gray -

Location N. slope of Glass Mt.

between McGee & Taylor

Canyon, Sec 30, T1S, R30E

Type-Assoc. Sp. Jeffrey Pine.

sagebrush

Soil Pumice & obsidian

Elevation 7500' Exposure EAST

Remarks Low shrub - 16" - 24"

glandular.

Collector Jack C. Reveal

var. *tenuis* (Hall) McMiner

~~2144H~~

Mono Co.

Adobe V.

No. 1008

Date 7-28-64

Species *Koeleria*

cristata (L.) Pers.

Location N. slopes Glass Mt.,
between McGee & Taylor

Canyon, Sec 30, T15, R30E

Type-Assoc. Sp. Jeffrey pine-
sagebrush.

Soil Pumice w/ obsidian

Elevation 7500' Exposure EAST.

Remarks Erect bunch grass

Collector L. Reveal

Mono Co.

Adobe Drainage

No. 1009 Date 7-28-64

Species Eriophyllum
lanatum (Pursh.) Forbes
var. monoense (Rydb.) Seps.

Location Sentinel Meadow -
roadside & in sandy
openings. Sec 6, T. 25, R. 29 E.

Type-Assoc. Sp. Lodgepole -
sagebrush.

Soil Pumice

Elevation ~~7500~~ 9000 Exposure NE

Remarks Occurs in clumps
4" - 12" across.

Collector Jack L. Reveal

Inyo Co.

No. 1010 Date 8-1-64

Species Petalanox

Thurberi (GRAY)

Location So. of Little Lake
Near Kern Co. Line

Type-Assoc. Sp. Creosote bush
- shrub

Soil gravelly alluvial

Elevation _____ Exposure flat

Remarks Past flower.

Collector Joel P. Rinal.

May 6. Not used

No. 1011 Date 8-1-64

Species ~~Datura?~~

~~meteloides D.C.~~

Location So of Little Lake
near Kern Co. Line.

Type-Assoc. Sp. ~~Creosotebush,~~
~~Atriplex~~

Soil ~~Gravelly alluvial~~

Elevation _____ Exposure Flat

Remarks Roadside

Collector Jack L. Russell

Heliotropium
curassavicum L. var.
oculatum (Heller) I.M. Johnston
Ings

No. 1012 Date 8-1-64

Species *Amsonia?*

Location Little Lake-sprungy
area along basalts
below town

Type-Assoc. Sp. Atriplex (dry)
Yerba mansa - cat-tail

Soil Moist-

Elevation _____ Exposure S

Remarks Perennial from
root crowns, fls. pale blue

Collector Joel L. Russell

Ret Jim R

Inyo Co.

No. 1013 Date 8-1-64

Species *Asclepias*
fascicularis DCne.
in A.D.C.

Location Little Lake - springy
area along Basalt below
town.

Type-Assoc. Sp. *Yerba mansa* -
cattail

Soil Moist

Elevation _____ Exposure 5

Remarks - 36" tall, perennial,
white fls.

Collector Jack L. Ruel

Det L. R.

Inyo Co.

No. 1014 Date 8-1-64

Species Cleomella
obtusifolia Torr. & Frem.

Location Lanaha-

Type-Assoc. Sp. Roadside scat area

Soil alluvial fan (Sierran)

Elevation _____ Exposure flat

Remarks Prostrate annual
6" high - 24" wide -

Collector Jack L. Reveal

Det Jack R

(?)

Lessingia germanorum
Cham. var. leimmonii (Gray)
J. T. Howell.
Mingo Co.

No. 1075 Date 8-1-64

Species Composite - Gutierrezia?

Location 5 mi So. Olancha

Type-Assoc. Sp. Atriplex

Soil Stoney alluvial

Elevation _____ Exposure flat

Remarks Yell. fls. Dwarfed specimen.

Collector Jack L. Howell

Monroe Co.

Basin

No. 1016 Date 8-2-64

Species *Trifolium*.

Location Kirkwood 15

Upper Spring. Sec 10, T3N,
R27E.

Type-Assoc. Sp. Wet Mdw -

Elymus-Agrastis

Soil Wet Alluvial (Beach)

Elevation 7150 Exposure South.

Remarks Under ground runners

Collector J & A Reveal

Mono Co.

Basin

No. 1017 Date 8-2-64

Species Scirpus acutus
Muhl. ex Bigel.

Location Upper Kirkwood
Spring. Sec 10, T3N,
R27 E.

Type-Assoc. Sp. Pond edge-

Soil Alluvial (Beach)

Elevation 6750' Exposure flat-S

Remarks Culms - 6' tall.

Collector J + G Reveal

Mona Co.

Basin

No. 1018 Date 8-2-64

Species SPARTINA

gracilis TRIN.

Location Upper Kirtwood Sp.
Sec 10, T3N, R27E.

Type-Assoc. Sp. Dry ground in
Wet Mdw-

Soil Dry alluvial (Beach)

Elevation 7150 Exposure South

Remarks Also noted at Adobe
Valley - near Adobe Reservoir

Collector J + A Reveal

Digitized by Heav- rhizomes.

Thelypodium integrifolium
(NUTT.) Endl.

Moore Co.

Det Jim R
Bosser

No. 1019 Date 8-2-64

Species *Streptanthus*

Location Upper Kirkwood Sp.
Sec 10, T3N, R27E.

Type-Assoc. Sp. *Chrysothamnus*
nauseosus ssp. viridis

Soil Alkaline - some moisture
- below spring meadows.

Elevation 6750' Exposure South

Remarks Tall (3'-6'), loose, few
stems; fls - bluish purple.

Collector J & G Ruesch

Perennial from heavy
top root.

Cirsium drummondii

Torr. & Gray

Oct Jun R.

↑
Mono Co.

Basin

No. 1020 Date 8-2-64

Species Thistle

Cirsium acaulescens
(Gray) K. Schrn.

Location upper Kirkwood Sprs
Sec. 10 T3N, R27E.

Type-Assoc. Sp. Moist edge of
mdw, with Rabbit brush

Soil Moist Alluvial (old
Beach)

Elevation 6750 Exposure South

Remarks Common

Collector J. A. Reveal

Dup det. James K. R.

E. watsonii Barbey. in
Brew. & Wats. var *parishii*
(Trel.) C. L. Hitchc.
Mono Co. Basin

No. 1021 Date 8-9-64

Species ~~Oenothera~~

Epilobium brevistylum
Barbey.

Location Coyote Sprs. - Bridge
port Canyon

Type-Assoc. Sp. Willow-sedge

Soil Moist spring side

Elevation 7180 Exposure S.
Remarks Perennials with root-buds -
from rootstocks
- 8" - 24" - fls. ~~white~~ bluish
pink.

Collector Jack L. Reveal.

Mono Co.

Basin

No. 1072 Date 8-9-64

Species Mint-

Marrubium vulgare L.

Location Co-yote Sp. - Bridgeport
Can-jon.

Type-Assoc. Sp. Willow-sedge

Soil ~~at~~ On dry land above
spring -

Elevation 7180 Exposure S.

Remarks Perennial - fls. white
Trampled soil at Sheep trough.

Collector Jack C. Reveal

Mono Co.

Basin

No. 1023

Date 8-9-64

Species Mint-

Mentha arvensis L.

Location Coyote Sp. - Bridgeport
Canyon.

Type-Assoc. Sp. Willow-Sedge

Soil Moderately moist

Spring-side soil (volcanic)

Elevation 7180 Exposure S.

Remarks Common ? mint

Collector Jack L. Reveal.

Mono Co.

Adobe V.

No. 1024 Date 8-12-64

Species Ivesia

pupurescens (S. Wats) Keck
ssp cogdonii (Rydb) Keck

Location Sagehen Mdw - 1/4 mi
E. of upper spring. Sec 11,
T15, R28E.

Type-Assoc. Sp. Artemisia - grass -
bitterbrush

Soil Compact pumice bottom
soils -

Elevation 8200' Exposure flat

Remarks Quite uncommon in
locality. fls white

Collector Jack L. Reveal

Mono Co.

Adobe V.

No. 1025 Date 8-12-64

Species *Orthocarpus?*

Location *Sagehen spring (upper)*
at spring box. Sec. 11, T15,
R28E.

Type-Assoc. Sp. *Sage-willow*

Soil *Pumice*

Elevation *8200'* Exposure *East.*

Remarks *fls. blue-purple.*

Perennial

Collector *Jack L. Reveal.*

Elymus triticoides
Buckl.

Mono Co.

Adobe V.

No. 1026 Date 8-12-64

Species ~~*Elymus glaucus*~~

~~Buckl. ssp. villescens~~

~~(Piper) Gould.~~

Location Upper Sagehen Spring

Sec 11, T.15, R.28E

Type-Assoc. Sp. Sage-willow-

Soil Pumice

Elevation 8200' Exposure E.

Remarks Bunch grass w/o
rhizomes.

Collector Jack L. Reveal.

Mono Co.

Basin

No. 1027 Date 8-12-64

Species Chrysothamnus

parrjii (Gray) Greene

ssp. asper (Greene) Hall & Clev.

Location Big Sand flat - on Hwy
#120. Sec 9, T15, R28 E.

Type-Assoc. Sp. Artemisia cana-
carex,

Soil Deep pumice.

Elevation 7850' Exposure flat

Remarks Abundant here & crooked
mdw. - Infrequent elsewhere.

Collector Jack C. Revel.