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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.

(96)

1155 (8.1.65)

to
1259 - (9.17.66)

collections

8/1/65

#Mono Co, Calif. Tioga Pass.
South of Elmer Lake Dam
in granite rockslide - 9600'

#1155 - *Hulsea vestita*

#1156 - *Eriogon*

Tioga Pass - waste places
in decomposed granite below
dam at Elmer L. 9400 ft.

#1157 - *Leptodactylon*
fungens

Some places at 1156

Tioga Pass - Upper Lee Vining Creek
(Summit) hillsides at
Carnegie Inst. gardens - Hall
herbarium area

#1157A -

"Elephant head"

1158 - Castilleja
same as 1157-A

1159 - Labrador Tea
same as 1157A

Aug 8-1965

Mono Co.

Bradysport Canyon - Basalt
outcrops - 7600 ft. north slope.

1160 Penstemon

1161 Biskellia
pale lavender; shrub.

8-26-65

1162-

Annual composite w/ small
1/8" white rayless fls.

Lower Bohler Canyon -

Mono Basin - E. slope Sierra.

Along ditchbank - with
Carex, Juncus.

Erigeron lonchophyllus Hook

Aster, perennial, from a
caudex, Sage-Pumpkin.
7400'

Erigeron argentatus Gray

1137. Same

Euphorbia. in loose
gravel of a wash.

E. fendleri T. + G.

Sunday

1138 -

6-28-65

Agoseris

Crepis intermedia Gray

Perennial from root crown.

fls head long & thin - tubular.

Canyon along Hwy into Deep Spr.

Sage-Pumpkin. In the wash.

12" - 18" tall. - 6700' - Meta-sediments

ϕ ca.
3

S. of Westgard Pass Hwy -
Gutierrez. 5500'

Chrysothamnus parvulatus

1140 - Same

Kochia californica
Wats.

1141 - Same

Spiny shrub - w/ reddish
fruits; gray bark; tiny lvs
in 1-2 lance fascicles. Stiff,
Condalia? *LYCIUM*

andersonii Gray

1142 - Broad wash from South
L. Edge (Pinyon ^{Forest} into Deep Spr.
Valley. 6200'. On granite outcrop

Cruciferae; perennial from a
taproot - very pubescent. fls.
white.

1143 - 6-28-65

Cucurbitaceae

A.C.

Abbe
Coulter

1144 - Same 6-28-65

Pea family with conate leaf.

7-18-65

Warren Creek. - Tioga

Pase. 9100 ft.

1145 - *Penstemon*

perennial - 6" - 10"

glabrous tall

1146 - *Arabis* -

1147 *Castilleja* -

(w/ yell. spur)

Castilleja linariaefolia

Benth.

1148 - Castilleja
Castilleja chromosa
A. Nels.

Big switchback above big bend.

1149 - Unk. w/ capitulate
red - blue fls. Rootstock
Name rothrockii A. Gray

1150 - Joga Rd. about
7600' Shrub -
Penstemon Lemmonii
Gray

1151 - Same - Shrub
Tubular w/ milky juice

Cepocynum medium
Greene var floribundum
(Greene) Woodson

1152 - *Polemonacaceae*

Upper Gibbs Cr.

"Sky Pilot. 11000'

In the rocks

Deep top roots

fls. bluish - to purple.

Plants 100 - 6"

Culms - 8" - 10" - 7/26/65

1153 - *Hulsea vestita* - ^{7/26/65}
alcydon
Same as 1152

7/27/65 - Doris Hoover

1154 - *Penstemon*

North Cav. - middle fork
Riparian veg. open -

8-1-65

Ellery Lake - 1/8 mi S.
of dam: Rock talus. (gravel)

1155 - ~~Hulsea vestita~~
9600' Hulsea algida
Gray.

1157 A

~~1156~~ - below dam
9400 ft.

Erigeron -

1156

Nance.
1157 - Nancy Eberle
Leptodactylon pungens
at dam

Nance

(A)

Honey Eberle

1157-

Hall Nat. Area

(Coburn Cr.)

8-1-65

Elephant head

1158 -

Castileja

1159 -

Labrador tea

1160 - 8-8-65

Bridgeport Cny.
Basalt ledges W. of
divide

Scarlet penstemon
perennial.

1161.

Brekellia?
pale lavender; rayless.

1162[#] (1160)

← 8-26-65 -

Lower Bohler Cny. above
Aqueduct Rd. Ditch bank w/
juncos, carex.

Annual composite w/ small
rayless white fls - "1/8"

~~Erigeron lanchoaphytos Auct.~~

~~Coniza canadensis (L.) Cronquist~~

9-4-65

1163.

Old homestead (Thompson
R. on L.V. Cemetery Rd
'1/2 mi E. of Mono Inn.
Composite. Eriogonum on close
Root stocks, +36" tall in
clumps. Perennial. Rhizomes
Tanacetum douglasii
D.C.

1164

"aster" Perennial
from rootstocks. Rays purple.
Aster occidentalis
(NUTT.) Torr. & Gray.

Psathyrotes annua
(NUTT.) A. Gray
Psathyrotes annua
Black Point, from
the light colored
pumice beaches
above lakeshore.

~~New loc.; Range Ext.~~

along moist spring
areas; vicinity of
Black Point.

Tall plants -
18" - 30" many fls.

vulgaris (Savi) Ten

Cirsium mohavense
Petrak.

1167

Chrysothamnus
versicolores ssp
puberulus.

dry bench above
Mesa Lake beaches W. of
Black Point
near De Chamberlain C.

1168

Chrysothamnus
Parryi

ssp *Nevadensis*

Moore Co. California
Hills around Bodie
with Sagebrush,
C. nauseosus ssp
albicaulis

Shrubs larger & more
compact than Moore
Basin forms.

8400 ft.

Recollection

1080

Fletcher Flat
Mineral Co. Nevada
- wood, plant,
preserved fls.
& wood

ssp Bolanderi

Bodie - Mono Co.

Nevada. 8300'

Wood & Voucher sp.
for Anderson.



Sept 7 1965 -

(M) (X) 1170

Chrysothamnus
parryi ssp. *asper*
fide H. Anderson

In the Jeffrey pine
west of Big Sand
flat above Dry Creek.
7900'

SW 1/2 Sec 8, T15 N24E

Not stipitate glandular, but with
13 phyllaries; resem. ^{vulcanicus} ~~nevadensis~~

+
9-19-65 (X) AM 9/20

1171-

Chrysothamnus nauseosus
ssp. *albicaulis*?

L.V.R.S. - opposite Log Cabin
road in Sage, yellow, cores.

An unusual form with
spicate inflos. and few
thin - 1 mm lvs. Infl. resembles
C. Parryi var. *nauseosus*; lvs resemble
C. n. ssp. *hololeucus*. Strong
smelling.

1172 - *C. n.* *albicaulis*

Ridge W. of Gull Lake. above

Rodeo Pasture

(X) 9-21-65

Mt. form. 7700' w/

ATR. few fls.

Mono Co. Calif

1171 Re-collection
on 9-4-66

Chrysothamnus nauseosus
? hybrid

One plant at Lee Vinings, R.S.

- Inflorescence a spike.
- fls. resembling *C. n.*
ssp *albicaulis*
- foliage and odor of
C. n. ssp *consumelis*

Associated spps -

C. nauseosus ssp *albicaulis*

C. purryi ssp *asper*

Loch & Ravenel

9-29-65 ☆

1173-

W

Artemisia arbuscula

Nutt. (?)

Dry ridge top SE 1/4 mi
from upper horse mdr
w/ *A. tridentata*.

1174 OCT 1-1965

Artemisia arbuscula

Nutt.

Flat ca. 1/2 mi N.
of Casa Diablo Hot Spgs.
on Hwy 395. Opposite
Little Antelope Road. This
place was photoreproduced
~~in 7200~~ by Allan Beetle
1957 to illustrate
A. arbuscula zone
w/ *A. tridentata*

Xrite

San Bernardino Co

No. 1175 Date July 5 1965

Species *Artemisia tridentata*
Nutt ssp *Parishii* (Gray)
H + Clem.

Location Adelanto junction E. of
Cajon Pass

Type-Assoc. Sp. Joshua tree - Creosote

Bush: *Eriogonum fasciculatum*,
Ephedra, Desert Peach,
Soil

Stony alluvial in wash + flats.
in favorable moist sites

Elevation _____ Exposure flats

Remarks Shrubs 3 to 6' - Open; long
branching.

Collector Jack L. Reveal

No seed heads produced in
1964

Kern Co. Calif.

No. 1176 Date Nov. 7, 1965

Species *Chrysothamnus*

nauseosus (Pall.) Britt. ssp
hololeucus (Gray) Hall & Clem.

Location ~~at~~ Joshua tree slopes
W. of Monolith.

Type-Assoc. Sp. Joshua tree -
atriplex -

Soil Alluvial (limestone)

Elevation Ca. 2000 Exposure South

Remarks Common rabbitbrush
at locality.

Collector Jack L. Reveal

Enroute Rancho Santa Ana
Bot. Garden & Fresno for
meeting, then back to
Pinecrest via Loga Pass
(with "new" homemade canyon
on Chgo. Saw W at R. S. 6/6/65)

Madera Co. Calif. ✓

No. 1177 Date Nov. 10 '65

Species *Chrysothamnus*

nauseosus (Pall.) Brit. ssp
albicaulis (NUTT.) H. & C.

Location Rt. 41. between Coarsegold
& Oakhurst.

Type-Assoc. Sp. Pine - hardwood

Soil -

Elevation - Exposure South.

Remarks Most plants in seed.

Collector Jack C. Reveal

Phyllaris glabrous.
Growth - willowy. Shrubs 12" - 30".

Calif: L.A. County. -

No.	1178	Date	12-3-65
Species	<i>Artemisia tridentata</i> ssp. <i>tridentata</i> form <i>parishii</i>		
Location	Tick Canyon, Along bottom of wash - east of Soledad co 3 mi.		
Type-Assec. Sp.	<i>Atriplex</i> - <i>Yucca</i> .		
Soil	Stony (marine cobble)		
Elevation	1000 ft(?)	Exposure	flat - South
Remarks	full flower.		
Collector	Jack L. Ruel		

Tall (3'-5') scraggly shrubs in
the bottom of gravelly wash.

No. 1179 Date 1-28-66

Species Artemisia tridentata
ssp. tridentata form
parishii

Location Same as 1178

Type Assoc. Sp.

} Re-collection
of #1178

Soil

Elevation _____ Exposure _____

Remarks Re-collection of 1178 to
show mature fls; new foliage, spring fls.

Collector Jack L. Rineal

San Bernardino Co

Calif

No. 1180

Date Feb 24 '1966

Species *Oenothera* species

Location Ca. 5 mi E. of Yermo
on alluvial fans

Type-Assoc. Sp. Creosote bush

Soil Very stoney - limey
volcanic + sedimentary cobbles

Elevation _____ Exposure South

Remarks Common; most plants
too young to flower

Collector Jack L. Reveal

Inyo Co. Calif

No. 1181 Date 3-12-66

Species *Poa* -

~~Esch~~ Eschscholzia

glyptosperma Greene

Location Panamint Valley -

West slope on Death Valley Rd

E. of Panamint Spring

Type-Assoc. Sp. Creosote bush

Soil Rocky alluvium of wash

Elevation 2200' Exposure W+S.

Remarks Common

Collector Jack + Arlene Reveal

Inyo Co

No. 1182 Date 3-13-66

Species Phacelia calthifolia
Brand

Location Death Valley - Desert
fan ca. 10 mi N. of
Furnace Cr.

Type-Assoc. Sp. Atriplex

Soil Alluvial - meta-
sedimentary - fans

Elevation 500 Exposure South

Remarks

Collector Loch + Arlene Rineel

Inyo Co.

No. 1183 Date 3-13-66

Species Mohavea breviflora
Cov.

Location Death Valley -
fans n. of Furnace
Creek

Type-Assoc. Sp. Atriplex

Soil Alluvial

Elevation 500 Exposure S.

Remarks Annual - 3"-5" high
Tall. fls.

Collector J. A. Reveal

Inyo Co

No. 1184 Date 3-13-66

Species *Mentzelia reflexa*
Cov.

Location Same as 1182
Death Valley - fans
N. of Furnace Cr.

Type-Assoc. Sp. *Atriplex*

Soil Stony alluvial - sides of
wash

Elevation 550 Exposure S. + E.

Remarks

Collector Jack + Arlene Reveal

July 6

No. 1185 Date 3-13-66

Species Monoptilon
bellioides bellioides
(Gray) Hall

Location Death Valley
Same as 1182

Type-Assoc. Sp. atriplex

Soil Stoney alluvial

Elevation 500 Exposure So

Remarks Common

Collector Joel + Arlene Reveal

San. Berdo Co.

Calif

No. 1186 Date 3-18-66

Species Gilia latifolia
Gray.

Location ~~Manix~~ Manix Site

ca. 5 mi E. of Terro

Type-Assoc. Sp. Creosote bush

Soil alluvial fan

Elevation 2000 Exposure South

Remarks Common

Collector Loch & W. Reveal

11

Sonn Barred. Co.

No. 1187 Date 3-18-66

Species *Oenothera*



Location Manix Site ca 5 mi
E. of Tormo.

Type-Assoc. Sp. Same as
1186

Soil ~~Star~~ Stoney fan

Elevation 2000' Exposure S.

Remarks fls. opening a.m.

Collector Jack + Arlene Reveal

Oenothera brevipes
GRAY.

fls.

San Bernd. Co

No. 1188 Date 3-18-66

Species Phacelia crenulata
Torr.

Location Manix Site - 2 mi
E. Yermo

Type-Assoc. Sp. Creosote Bush

Soil Stoney fan

Elevation 2000 Exposure South

Remarks Very abundant

Collector Lock & Bress

San Berndo. Co

No. 1189 Date 3-19-66

Species *Oligomeris*
linifolia (Vahl.) Mebr.

gh Location Manix Site - 2 mi E.
of Terro

Type-Assoc. Sp. *Cresote Bush*

Soil *Stoney - alluvial fan -*

Elevation 2000 Exposure South

Remarks Common

Collector Jack L. Reveal

San. Ber. Co. Calif

No. 1190 Date 3-19-66

Species *Eschscholzia*
minutiflora Wats

Location Manix Site 2 mi E.
Terme

Type-Assoc. Sp. Greasote Bush

Soil Stony alluvium in
accumulated sand basins

Elevation 2000 Exposure South

Remarks associated with
Eschscholzia glyptosperma

Collector Jack L. Reveal

San Berdo Co Calif

No. 1191 Date 3-20-66

Species ~~Caryophyllaceae~~ ~~Corynephoris~~
Coreopsis calliopsidea
(DC) Gray.

Location Ca 6 mi E. of Boron

Type-Assoc. Sp. *atriplex*

Soil Sandy alluvial

Elevation 3000 Exposure flat

Remarks bracts yellow fls - ground

Collector J + G Russell

~~Kern Co.~~ San Berd. Co.

No. 1192 Date 3-20-66

Species Caulanthus inflatus
(Wats.) Greene

Location Ca. 6 mi E. of Boron

Type-Assoc. Sp. Alphix - Cressotoback

Soil alluvial.

Elevation 3000 Exposure flat.

Remarks Common this
locality + toward Johannsburg

Collector J + G R.

Caulanthus inflatus
(Wats.) Greene

Kern Co Calif

No. 1193 Date 3-20-66

Species Mentzelia

MENTZELIA NITENS Greene

Location Ca 5 mi N. Johannesburg

Type-Assoc. Sp. Cresote Bush

Soil alluvial fan

Elevation _____ Exposure South

Remarks Under protection
of Cresote bush

Collector J. A. Reveal

Rever G. Calby

No. 1194 Date 3-20-66

Species Phacelia species?

Location ca 5 mi N. Johnnysburg

Type-Assoc. Sp. Cresote bush

Soil alluvial - sandy

Elevation _____ Exposure South

Remarks _____

Collector J.G. Reveal

Kern Co. Calif

No. 1195 Date 3-20-66

Species Mentzelia

Mentzelia Veatchiana
Kell.

Location Ca. 5 mi. n. of

Johannsburg

Type-Assoc. Sp. Creosote bush

Soil Alluvial

Elevation _____ Exposure _____

Remarks Diminutive of #1193?

Collector J. H. Rueland

Inyo Co.

No. 1196 Date 4-2-66

Species Lupinus? astragalus
Lupinus flavoculatus
Heller

Location 1/2 mi E. of Darwin
Inyo Mtns.

Type-Assoc. Sp. atruplex - Creosote Bush

Soil decomposed granite

Elevation _____ Exposure SW

Remarks Rare here - Annual
- fls. deep purple.

Collector J + A Reveal

Inyo Co.

No. 1197 Date H-2-66

Species Lycium Andersonii
Gray

Location Darwin - same as 1196

Type-Assoc. Sp. Atriplex

Soil Bottom of wash.

Elevation _____ Exposure _____

Remarks Shrub - Spiny branches
tubular fls white

Collector J + h Ravenal

Inyo Co.

No. 1198 Date 3-2-66

Species Mentzelia

Mentzelia Veatchiana

Kell

Location ^{2 mi} E. of Darwin on Darwin
Falls Road

Type-Assoc. Sp. Creosote bush -
atriplex

Soil Limstone

Elevation _____ Exposure South

Remarks Large yellow fls.

Collector J + A Rinehart

Inyo Co.

No. 1199 Date 4-2-66

Species Plantain?

Plantago insularis Eastw.

VAR. fastigiata (Morris) Jeps

Location ca. 2 mi E. Darwin on
Darwin Falls Road.

Type-Assoc. Sp. Alyps - Urosalix

Soil Limestone

Elevation _____ Exposure South

Remarks Uncommon here

Brownish fls: 4 petals

Collector J + G Rued

Growing in shelter of limestone
steps.

myo

No. 1200 Date 4-2-66

Species Nicotiana

Nicotiana trigonophylla

Dunal in A. DC.

Location Darwin Falls Rd below
Spring

Type-Assoc. Sp. Atriplex - creosote bush

Soil Limestone

Elevation _____ Exposure Bottom-

Remarks Base of cliff - cool site
perennial. fls open.

Collector J + G Reveal

lycote

No. 1201 Date 4-2-66

Species Lycium

~~Purshii~~

Lycium Fremontii Gray

Location Darwin Falls Road
below spring.

Type-Assoc. Sp. Atriplex - Greasewood
bush.

Soil Limestone (alkaline)

Elevation _____ Exposure cliff base

Remarks Shrub - spiny w/ white
tubular fls.

Collector J & G Russell

July 6.

July
3

No. 1202 Date 4-~~5~~-66

Species Oenothera. ~~est~~
cardiophylla Torr.

Location Darwin-Panama Rd.

Type-Assoc. Sp. Creosote bush

Soil Stony Limestone

Elevation _____ Exposure _____

Remarks Shadow - base of cliff
in wash

Collector J + A. Reveal

1/10/66

No. 1203

Date 4-~~2~~³-66

Species Erkatig.

Eschscholzia
minutiflora Wats

Location Dorwin - Panamint Sp
Road

Type-Assoc. Sp. Creosote bush

Soil Limestone.

Elevation _____ Exposure _____

Remarks Several fls: shaded
canyon bottom.

Collector J & G. Reveal

May 6

No.

1204
~~1024~~

Date

4-3-66

Species or creeping vine

Scarcostema

hirtellum (Gray) R. Holm.

Location Jourin - Panamint Sp. Rd

Type-Assoc. Sp.

Croton bush

Soil

Limestone Rock

Elevation

Exposure

Canyon Bottom

Remarks

Vine - growing on boulder

Milky juice; fls yellow

Collector

S + G Runcel

Inyo Co.

No. 1205 Date 4-3-66

Species fern

Adiantum Capillus-
Veneris L.

Location Darwin Falls -
in spray area of the
falls

Type-Assoc. Sp. Cesote Bush

Soil Calcareous

Elevation _____ Exposure stream
course

Remarks found in old + new-
world.

Collector Jack + Arlene Reveal

Inyo Co

Cal

No. 1206 Date 4-3-66

Species Tamarisk

Tamarix tetrandra
Pall

Location Donner falls
along water course

Type-Assoc. Sp. Creosote bush

Soil Moist stony alluvial

Elevation _____ Exposure Canyon
Bottom

Remarks _____

Collector Sack + Arlene Reveal

Inyo Co.

No. 1207 Date 4-23-66

Species Astragalus
coccineus Bdg.

Location Big Pine - Death V. road
Waconda Wash. below devils
gate - Inside N.F. ca. 1 mile

Type-Assoc. Sp. Mixed desert shrub-
Atriplex, Chrysothamnus, Mendocera

Soil shale wash.

Elevation 4900 Exposure flat

Remarks Seed pods woolly

Collector Sach + Melvyn Reveal

Chrysothamnus paniculatus
at this place.

Inyo Co

July

No. 1208

Date H-23-66

Species ~~Phlox douglasii~~

Phlox Stansburyi (Torr.)

Heller

Location Big Pine Death Valley Rd

- Wacoba Wash Waucoba

Wash - Inyo M.F.

Type-Assoc. Sp. Mixed Shrub

Soil Shale wash

Elevation 4900

Exposure flat

Remarks

Collector S & W. R.

glandular near inflorescence.
Lvs. sparsely hairy. Perennial.

June 6.

No. 1209 Date H-24-66

Species Malacothrix glabrata
Gray.

Location Eureka Valley on
Big Pine - Death Valley Rd
floor of the valley.

Type-Assoc. Sp. atroplex.

Soil _____

Elevation _____ Exposure flat

Remarks Annual w/ yell fls.

Collector S + G. Reveal

Inyo Co

No. 1210 Date 4-24-66

Species Calycoseris
wrightii Gray

Location _____

} Senne

} co

Type-Assoc. Sp. _____

} 1210

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector _____

Inyo Co.

No. 1211 Date 4-24-66

Species Lycium andersonii
Gray

Location Big Pine - Death Valley
Road into Eureka Valley

Type-Assoc. Sp. Atriplex - ~~Sp.~~
Yucca -

Soil _____

Elevation _____ Exposure Canyon - South

Remarks Common but not anywhere
locally abundant.

Collector JR

Mons G.

Calif

No. 1212

Date 5-19-66

Species Haplopappus
cooperii (Gray) Hall

Location foot of Truman Jeep
road - N. of Benton

Type-Assoc. Sp. Sagebrush

Soil Basalt

Elevation _____ Exposure South

Remarks Can be mistaken for
Chrysothamnus paniculatus

Collector St. Reel

Rayless shrub - 12-16"
high,

Monroe Co.

17

No. 1213 Date 5-24-66

Species Trifolium

Location 1/2 mi. S of M-900 NW Lower
Spring, end of pipeline

Type-Assoc. Sp. Meadow

Soil _____

Elevation 8000 Exposure flat

Remarks With sedges

Collector Jack L. Rameal

1214

Inyo Co.

1214

alt
rivers

No. 1214 Date 6-5-66

Species *Chrysothamnus*
viscidiflorus ssp.

Location Deep Spr. Valley: northern
rim on road to Fish Lake
Valley

Type-Assoc. Sp. Sage-rabbitbrush.

Soil alluvial - meta-morphic
rock -

Elevation ca 5500 Exposure SE

Remarks In flower, to post-
flower.

Collector Jack Howell

Chrysothamnus viscidiflorus
(Hook.) Nutt.

ssp. *stenophyllus* Gray
= *C. axillaris* Keck

Mono 6

Calif

No. 1215 Date 6-26-66

Species Lupinus sp.

Location Log Cabin Mine Rd.
at Stream Crossing

Type-Assoc. Sp. Willows -

Soil Wet streamside

Elevation 9000 Exposure S.

Remarks Fall, glabrous.

Collector Josh Ruvell

Mons 6

No. 1216 Date 6-26-66

Species Eh. Erigeron
Erigeron Clokeyi
Cronq.

Location Lycabin mine

Type-Assoc. Sp. Artemisia
nova

Soil _____

Elevation 10000 Exposure _____

Remarks Yell center; blue
Rays -

Collector Jack Ruesch

Erigeron Clokeyi
Cronq.

No. 1217 Date 6-26-66

Species Chaenactis

Chaenactis Douglasii
(Hook) H. & A. var. rubricaulis

Location Log cabin line

Type-Assoc. Sp. Artemisia nova

Soil _____

Elevation 9500 Exposure S

Remarks _____

Collector Leah Ruvink

Not used

No. 1218 Date 6-26-66

Species Sedum

Location Log Cabin Mine

Type-Assoc. Sp. _____

Soil _____

Elevation _____ Exposure _____

Remarks _____

Collector _____

Range extension

Calif.
Mono Co.

Mono Basin

No. 1165 Date 9-4-65

Species Psathyrotes annua
(Nutt.) A. Gray.

Location Black Point, Mono Lake

Type-Assoc. Sp. Saline beach pumice
& cinders

Soil Rhyolite cinders

Elevation 6420 Exposure South

Remarks Abundant here;
unknown elsewhere in basin

Collector Jack L. Ruel

not used

Delaware Va.

Monro Co.

No. 1219

Date 7-8-66

Species None

Location Ante Ridge W. of Johnny
Mead

Type-Assoc. Sp. Sagebrush

Soil granitic sand

Elevation _____ Exposure _____

Remarks _____

Collector LHR

Delobe Va.

Monro Co

No. 1220 Date 7-8-66

Species ~~Lesquerella~~

Streptanthus tortuosus Kell.

Location Ridge W. of Lehmy
Indus.

Type-Assoc. Sp. Sage - Aspen

Soil Decomposed granite

Elevation 8800 Exposure Ridge - N.

Remarks Perfoliate lvs.

Annual

Collector JK

1221 - Dandelion
7-8-66 Crooked Tules.
8800

1222 Aster
7/8/66 Dexter Burn

rim of Dexter Cr. 7800'

var. rubricaulis

1223 *Chaenactis Douglasii*
Chaenactis (Hook.) H. & A.

Below wildhorse mtn

Ridge w. Lumpy mtn - Granite

7/8/66 8800'

C. Douglasii (Hook.) H. & A. var. ~~(?)~~ (3)

1224 - *Erigeron*

L.V.R.S grounds at office.

Dry portions of meadow

fls - bluish lavender - light.

Yell. disk fls - July 10 1966

E. divergens T. & G. in Jeps.

Erigeron Brewerii Gray
syn. *porphyreticus*
(Jones) Cronq

7-12-66 - Parker Ridge

Silene montana Wats

10-415p

1226 - Succulent

Ponds along Hawthorne Rd.
alkali ~~flat~~ soils - submerged

7-15-66 - SK + SK Simms

Nitrophila occidentalis
(Wats.) Moq.

1227 -

7-23-66

Senecio - 30" ± tall

1228

Ambelliferae.

white fls. Long tuber -

Log cabin mine Rd - Berger Alder

5900'

1229- 7-23-66 above

below Burger cabins edge
of aspen - with *Stipa comata*.
Aster - glaberrimus - *evolutus*

below
1230 - above Burger Spring,
seep along Log Cabin Mine
Rd.

Aster - stipulata inflor.
fibrous roots from sample analysis
- rhizomes.

1231 woolly annual Comp.

next to roadside in

1232 - Senecio

Log cabin wine Road at Creek
crossing 9000' streamside

1233 Aster

valley fs. rockside

1234 - "Rampas Gutter"

1235 - Mimulus -

1236 - Larkspur fall

1240 - 7-24-66

Upper slopes North of Butler
Campus and So. of Upper horse
meadow - Barn. with Stipes,
Oxyopsis hymenocladus, Sage.
Annual - abundant. Past fl.

Stephanomeria

1241 - 7-26-66

Compositae

Helenium bigelovii Gray

Walton meadow below Lake
Stream bank. Rhizomes. Perennial

1242 -

Scrophulariaceae - fls bluish pink
plants to 30"

1243 -

7-27-66

Aster

Adobe V. at River Springs
in the alkali w/ salt grass
Deep caudex.

1244

7-28-66

Parker Lobe - head of -,
in the glacial cobble of
the basin.

Brechellia - gummy, sub-
shrub. Past fl.

Brickellia oblongifolia Nutt
var. *linifolia* (D.C. Eaton) Rob.

1245 - 7/28/66.

High mtn. - so. Parker
Moraine - dry granite soil
- mt. mahogany - Rocky
ledges - above mtn.

Machaeranthera ?

Taproot.

Machaeranthera shastensis

(Piper) Cronq var. *montana* (Greene) Cronq

Wafford Sprs - Pole line
Road

1246

7-31-66

Atriplex

annual, plants with spear-shaped lvs - 8" - 20" high
Wafford ponds on Pole line Rd.

Atriplex phyllostegia
(Torr.) Wats. Arrow scale

1247-

7-31-66

truncifera - annual

fls yellow - seeds laryid, heart shaped
lvs purple in 3's.

1248-

heter - (one specimen only)

perennial from fine root stocks.

? annual. grey pubescent - hairy - rays short, lanceolate, erect.

long petioled lvs, linear.

high purple tipped, linear, graduated. (See 1249)

Some species

Moore Co.

Hot Spgs. De Chamberlain Place

7-31-66-

1249

Aster - white rays - from very
thin rhizomes. Phyllaries
purple tipped. Basal leaves
long petioled pubescent -
thin hairs. Same as 1248?

Aster occidentalis (Nutt.) T. & G.

1250

var. *joosemitanus*
(Gray) Cronq.

Sisyrinchium -

Sisyrinchium halophilum
GREENE.

1251

Arrowgrass. Robust - 28-24"
tall. Lvs. round.

TRIGLOCHIN MARITIMA L.

8-3-66.

Black Lake - Adobe Valley -
burned area near Dutch Pete place
(Harris Cow Camp)

Lepidium fremontii Wats. Ⓢ

Range Extension - see MUNZ

(out of order serially)

7/27/66

Head of Dry Cr. near
Crooked Meadow.

Spring side grassy area

1252

Erigeron - short white
ray fls

1253

Gentian. see folder.
for data.

G. fenella Rottb.

1254 heter. purple ray fls
- rootstocks.

Aster occidentalis
(NUTT.) T. & G.

7/23/66 - Log Cabin Mine
Road - near bench ca
9500' -

(1255) Eriogonum microthecum
Nutt. var microthecum
Eriogonum microthecum
ssp microthecum

(1256) Castilleja Brewerii Fern
1256 -

Castilleja Brewerii Fern
John L. Ruedel fide: Noel Holmgren

9-4-66

Recollect # 1171

Chrysothamnus nauseosus
ssp concoloris? w/ spikeate
inflorescences.

FVRS Gels. approximate
Log Cabin Mine Road.

9/14/66 -

1257 *Salix* - *Lisjunet* sp.
f. *L. Major* Convict Cr.
at Mildred Lake.

9600 ft. flat. Calcareous soils
Salix brachycarpa Nutt.

1258 *Arctostaphylos*
ursi-ursi L.

1259 *Haplopappus nanus*?

Benton - Black Lake divide
9-17-66. - Mono Co.

Haplopappus nanus (NUTT.)
D. C. Eaton