



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

The Hunt Institute is committed to making its collections accessible for research. We are pleased to offer this digitized item.

Usage guidelines

We have provided this low-resolution, digitized version for research purposes. To inquire about publishing any images from this item, please contact the Institute.

Statement on harmful and offensive content

The Hunt Institute Archives contains hundreds of thousands of pages of historical content, writing and images, created by thousands of individuals connected to the botanical sciences. Due to the wide range of time and social context in which these materials were created, some of the collections contain material that reflect outdated, biased, offensive and possibly violent views, opinions and actions. The Hunt Institute for Botanical Documentation does not endorse the views expressed in these materials, which are inconsistent with our dedication to creating an inclusive, accessible and anti-discriminatory research environment. Archival records are historical documents, and the Hunt Institute keeps such records unaltered to maintain their integrity and to foster accountability for the actions and views of the collections' creators.

Many of the historical collections in the Hunt Institute Archives contain personal correspondence, notes, recollections and opinions, which may contain language, ideas or stereotypes that are offensive or harmful to others. These collections are maintained as records of the individuals involved and do not reflect the views or values of the Hunt Institute for Botanical Documentation or those of Carnegie Mellon University.

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.

Reveal -



collections March 1975

then 26 July 1977

1707 then 2117

+ unnumbered School Coll.

Number underlined in
Red — were checked
by FH Holmgren & ME
Barkworth, Jan 1980

#11

J. R. ...
thru # 2117

26 July 77

30 March 1975

Baja, Ca. 1/2 mi E. + 1 mi S
of Rosarito w/ R. Moran. Volcanic
tableland - coastal Sage Scrub.

School Collections

Viguiera lacinata

Mirabilis californica Gray

Cereal Barley *H. vulgare* L.

2 mi E. La Mission, Coastal
Sage Scrub:

flowering, currant-red fls

Deerweed

Ephedra californica

Ceanothus tomentosus

Ceanothus spinosus

29 March 1975
Pacific Beach - alleys near
ocean. $32^{\circ}48'N$, $32^{\circ}55'W$ - 15 m
 $117^{\circ}15'W$

1707 - *Bromus willdenovii* Kunth
Scattered, infrequent
annual w/ *Hordeum glaucum*

3 May 1975

Buckman Sprs Grade along
Cottonwood Cr., Hwy I-8, 3 1/2 mi E.
of Pac Valley. Chamise Chaparral.
Elev: 3600 ft. (w/Valeria)

1708 *Ceanothus leucodermis*
fls. blue, flexuous but w/
some spines. Bush to 3 m.

1709 *Ribes*, fls. white. Shrub
to 2 m.

Cameron flat above USFS guard
station - near Kitchen Cr. Road.
SE ~~50~~ 1/4 Sec 34, T16S, R5E. El ca 3400 ft
Chaparral.

1710 *Ceanothus greggii*
var *perplexus*

3 May 1975

Yellow Rose

Kitchen Cr. at ~~Yellow~~ Spring,
SE 1/4 Sec 27, T16S, R5E.

Elev Ca. 3500' 32° 45' N 116° 27' W

1080 M.

1711 Haplopappus linearifolius DC

1712 - Annual pea w/ yellow
flowers.

1713 - annual Chamissoa
fls orange

1714. annual clover.

Trifolium albopurpureum T. & G.

Could not find annual Bouteloua

2 May 1975

Corte Madera Plateau, Sec 31, T16S, R5E,
c 4100 ft.

1715 Bush poppy

Dendromecon rigida Benth. ssp rigida

1716 - annual - low herb w/
loblets, fls blue-lavender

Scutellaria tuberosa Benth.

32° 44' N

116° 30' 1/2' W

1250 M

1717 - *Chamaecrista* - annual,
low.

~ 29 April - 1975 Santa Ana Mtns,
on main divide at head of
Main St. Canyon, NW 1/4 Sec
27, T4S, R7W El ca 3900'
Chaparral. Orange Co.

1718 *Ceanothus* [papillosus]
no fls. yet.
Ceanothus papillosus ssp *toweanus*
(McMinn) Munz
33° 47 1/2' N 117-35W 1200m

~ 10 May 1975
Toney Pines, foot of Seacama
Road, below site of Ex. USDA
Exp. Station. Area previously
cleared of Coastal Chaparral +
now returning to nature +
introduced plants. El. ca 500'
(second visit)

1719 *Solanum xanthii*
perennial w/ purple fls

1720 *Helianthemum scoparium*
Nutt.

1721 Solanum - annual w/ yell.
fls. vigorous, spreading, possibly
an introduction by USDA

1722 Lotus scoparius (Nutt. in
T. & G.) Otley sp. scoparius

1723 - Chamise - beguener, to fl.

1724 - Ceanothus verrucosus
(seeds for previous collection)
(on 16 March)

1725 - Lotus scoparius - an
unusual low form - adventive
on cleared ground

1726 - Gnaphalium bicolor
Bioletti

1726A - Gnaphalium californicum DC

1727. Cultivated tree - acacia-
like w/ yell fls, compound
lvs.

1728 - Cult. tree. willow-like
— les, fls white w/ purple
spots on corolla

Carmel Valley Rd. 10 May 75

1729 - *Eriophyllum confertiflorum* (DC.) Gray
var *confertiflorum* p 164

1730 *Malacothamnus densiflorus*
(Wats.) Greene var *viscidus* (Abrams)
Kern.

1730A - *Xyllococcus bicolor* Nutt.

1731 - *Mimulus pumilus*
(Nutt.) Steud. p 814
Common but scattered
shrub w/ showy yel. fls
Chaparral + Coastal Scrub.

T. to SF Nov 79
To update 12/72
Date 7972

1732

115.39 W 33.20 3/4 N

Collected: 12/72 *

at: along Indian flats Rd, center of
Sec 35, T9S., R3E., Pine Mt. area,
7 mi airline NW of Warner Hot Springs

Elev ca. 3900' flowed May '75

* ^{the} ~~Pav~~ta La Cruz Rd

305
39

2745
915

11895

Marin Co. - San Rafael - Terra Santa,
east of highway 101 - 7 June 1975

~~Dudleya~~ Dudleya

1732 ~~Asplenium~~ - grown from a
wild plant collected near road to
Indian Valley, San Diego Co. fall 1972

Dudleya saxosa ssp. aloides
(Rose) Moran.

Coll.

Centaurea melitensis L.

1733 Thistle with yellow fls - scarce
in locality. 5-8 dm tall. growing in
thick annual grassland above bay
at ca 50 m. elev.

Chlorogalum pomeridianum (DC.) Kunth.

1734 "Soapplant" - 1 m tall to 1.5 m.
with numerous green basal + fewer
culm leaves. fls. cream w/ purple
streak. anthers 4. fls. opening in p.m.
grass bench above bay - quite moist.
- w/ Colep. Detgrass + other
annuals. fls in racemes. Elev 25 m.

Puccinellia grandis Swatten

1735 - A hair grass - perennial, bunch.
In moist site at tidewater with
annual ryegrass (Lolium). Elev + 0

Calamagrostis aff. bolanderi

Thurb.

~~sk~~
1736. Bellardia trixago (L.) All.

1736 Annual resembling Orthocarpus,
growing in annual grass (Bromus,
Stipa, Avena, Lolium) on hillside
above bay. Elev 50 m. fls. cream
with lavender.

Wyethia angustifolia Nutt.

1737 Composite w. ~~fls~~ Wyethia
fls. yellow, single flw on culm.
Numerous basal leaves. Perennial.
Rare here. Annual grassland
above bay - elev \pm 50 m.

9 June 1975 - Marin Co.
West of San Rafael & Fairfax, Cal

1738. Holcus lanatus L

Roadside ditch below oak
woodland. Ca 100 m. elev.

~~var typica.~~

1739. Lupinus densiflorus Benth.

Annual with whorls of white-cream
fls with pink ting + red-tipped beak
Roadside bank - in oak woodland
along a small canyon stream. Some
redwood. 100 m. 800

Digitized by Lupinus densiflorus Benth. Digitation

~~var typica.~~

Lonicera hispidula (Lindl.) T. & G.

var. vacillans Gray

1740 Lonicera

clambering in oak trees
near a hilltop surrounded with
annual grasslands. 800 m. elev

1741 - a broom. Tall shrub in 2-3 m.;
oak woodland; ^{Elev} 200 m. Common locally.

Cytisus scoparius (L.) Link.

Introduced from Europe "Scotch Broom"

1742 Chamaecrista? Coastal chaparral
& woodland borders. Shrubs to 4 m. tall

Elev - 100 m. (post flower) Cytisus

~~canariensis~~ (L.) Montz.

ok → monspeliensis L. "French Broom"

1743 Fabaceae? fls lavender in

whorls, annual cordately pinnatifid
Resembling stachys. Under oak-redwood
forest (in a wet gulch.) on deep ground.
Not common here.

Stachys rigida Nutt.

1 var. quercetorum (Hel.) Epl.

800'

1744 Galium - annual, w/ hairy seeds

scules. Growing under oak-
redwood forest w. of Fairfax - roadside
banks. Thin, straggling. 800'

Galium parisiense L.

Introduced from Europe.

12 June 1975

Marin Co. Roadside in
grasslands w/ riparian drainages.
Near d. Co. line, 1 mi W of Hwy 101

1745 - Pea - Escape? Showy pink
lavender fls on upright branches
beak cream colored. Prostrate
on ground.

Lathyrus tingitanus L.

1746 - Buckeye - Common tree
of ~~dry~~ riparian + moist
hillside woodlands.

Aesculus californica (Spack) Nutt.

[23 May 75]

1747 Secale cereale L. (Rye)

1748 - Rhamnus californica Esch.
menziesii L.R. July 1 75

ssp. tomentella (Benth.) C.B. Wolf

1749 Redshank. Adenostoma
sparcifolium Torr.

1750 Cal. Buckwheat.

Eriogonum fasciculatum Berthsis polifolium.

1751 - Cal. interg. ~~same bush~~

Conoclinium peggii Gray var. plexosum

1752 - ~~Prunus~~ Prunus ilicifolia (Trel.) Jeps

Prunus ilicifolia, Walp.
(Nutt.)

Desert View - Laguna mtns
1 July 1975

1753 - Mint - fls white. Lvs
3+2 - sepals tinged violet
anthers, pink - lavender.

Perennial from runners, 8-12 cm
tall; glandular - Chaparral
Monardella nana Gray ssp *nana*

1754. *Eriophyllum confertiflorum* DC
[Laguna - Cameron fuelbreak]
Gray var. *confertiflorum*

1755 - Grass - *Bromus*. Annual, to
1 m tall - meadow. [Laguna Mtns] at forest
Bdry.

Perennial *Bromus breviaristatus* Buckl.

Kitchan Creek: at Spring (~~at~~ ^{Yellow Rose} Spr.)
1 July 75

1756 *Rhus* *laurina* Nutt. in T. & G.

ovata

1757 *Rhus* [*integrifolia*]
(Nutt.) Benth. & Hook.

1758
1568 Scrub Oak

Quercus dumosa Nutt.

Baja Calif 4 July 75
w/ Moran.

Santa Tomas valley,
Chaparral, side slopes into canyon
with sediment (Alicitos formation)
Ravelly soil

1759 - Goatnet. scattered
clumps, part fl., seed forming,
only a few plants, few w/seed
Simmondsia chinensis (Link.)
C.K. Schneid.

1760 *Prunus ilicifolia*

1761 *Rhamnus ilicifolia*
Rhamnus ilicifolia Kell.

1762 *Sonchus*

Above (South) of Santa Tomas canyon
above Alicitos Ranch.

1763 - Cleveland Sage
Salvia clevelandii (Gray) Greene

18 July 1975

Trabuco Canyon at end of
vehicle road above Lost River
home - C.D.F. Chaparral, near
~~the~~ canyon bottom. 33°40'N
558 m. 117-32W

1764 - Perennial grass - shade -
green - ca 2 m tall. growing
among rocks. Blades flat
Stipa coronata Thurb.

1765 Evidently perennial.
Ca. 1 m tall, panicle drooping, deflexed
; awns 4 mm long; sheath pubescent
pilose - grandis
Bromus [carinatus] H. & A.

School Coll.

1766.

Eriogonum fasciculatum
Benth. ssp. foliolosum (Nutt.)
Stokes.

BCfa 19 July 1975 w/ R. Moran
ca 30 mi to 40 mi E. of Hwy 1
Pd to San Pedro Martir Mission
trail + (abandoned) Rancho
San Isidoro

[all collections w/ Reid Moran]

School Collection

w/ D. Kent

1 Aug 1975

Manzanita Indian Reservation

32° 45' N - 116° - 22' W

1767 *Fraxinus dipetala*

1768 - *Rhamnus* ^{californica} *dipetala* Keil

Kitchen Cr. below Wadsworth Sp.

32° 45' N - 116° 27' W

1770 -

Quercus engelmannii Greene

1771 *Arctostaphylos* ^{purpurea} ~~glauca~~

1772 - *Arctostaphylos purpurea*

1774 - *Baccharis sergiloides* Gray
"Squaw waterweed"

1775 *Trichostema parviflorum* Vesey

1776 Redshank

27 Sept 75

Vacation Island - San
Diego Bay - fawns around
Vacation Village -
32° 46' N - 117° 14' W 5 m

1777

Pennisetum clandestinum
Hochst. ex Chior.

Sent for mounting

Oct

1 ~~Sept~~ 1975

Polomar Mt. Polomar Station

1778 *Rhamnus californica*
ssp. *tomentella* (Benth.) C. B. Wolf.

Head End of "Observatory Trail"
ca 30 m W of Polomar Observatory
Road.

1779 - *Quercus x morehus* Kell

1780 - *Q. wizlizenii* var. *frutescens*
Engelm.

1781 - *Q. chrysolepis* Liebm.

4 OCT 75

4 OCT 1975 ~~3~~

Landing Mission
Dana ~~Point~~ - San Diego Bay
- along service Rd to Dana
Marina + Dana Inn. Ornamental
(Cult.) tree 3-5 m high.

32°-46½N ~~3~~ 117-14W 5m

1782 Quercus ilex L.

~~32°45½N 117-14W~~ ~~5m~~

along N. leavy of S.D. River
Channel - ½ mi W. of Agnes St.
Dry site within landscaped
areas; annual grass.

32°45½N - 117-44W pilosa(L.) Beauv.

SW 1783 - Eragrostis orectiana Vasey

along So. side Sea World Drive
~~Along~~ San D. River channel -
white area + disturbed ground.

1784 Haplopappus venetus
ssp. oxyphyllus (Greene) Hall

1785 Baccharis sarathroides Gray

San Diego River Channel - Mission Va.
½ mi N. HWY 395

1786 - Baccharis glutinosa Pers.

6 OCT 75 -

Crown Point Drive ^{N. of} at La Playa,
Pacific Beach. Disturbed area along
walk above Picnic Area

1787 Verbenia tenuiseta Briq.

Prostrate perennial w/ purple
fls. - Introduced; garden escape
32° 47' N - 117° 14' W 20 m

(Herbarium Coll.)

Sweetwater R. S.D. Co.

18 OCT 75 Cottonwood Cr

at old Hwy 80 bridge near

~~La Playa~~. Los Terrenitos

116°-37' W 32°-50' N El. 1000 m

[School Coll. ex. # 1796]

1788 Artemisia tridentata tridentata

1789 - Quercus dumosa (w/acorns)

1790 Haplopappus pinitolus

1791 Eriogonum wrightii

1792 Gutierrezia sarothrae
(Pursh) Britt & Rusby ♂

(18 Oct 75)

1793. *Arctostaphylos glandulosa*
Eastw. ssp *glandulosa*

1794 *A. pungens* HBK

1795 *Zauschneria californica*
ssp *mexicana* (Presl.) Raven

1796 *Anthemis cotula* L.
(Mayweed)

V&EJAS I.R.

1797 - *Arctostaphylos glauca* Lindl.

~~- 1976 -
5 Jan 76 Valley
Carmel Road~~

8 Oct 75 Rose Canyon
along I-5, n. San Diego

1798 *Haplopappus venetus*
ssp *oxyphyllus* (Greene) Hall

End CT 1975

C-1976

15 Jan 1976

Carnel Valley Road between
I5 + Hwy 395, d. of San Diego

1799 - *Rhamnus crocea*

1800 - *Artemisia californica*

[1801 - not used]

1802 *Xmasberry heteromeles*

1803 - *Rhamnus crocea*
large leaf form behind new
school, W. and Runcho Pentashter
Subdivision.

1804

3317 11632

28 Jan 1976

1420 m

Hot Sprrs Mt. (Pos Coyotes
I.R.) ca 1/2 mi above campgrd.
at Panawatt Spr. NENE Sec 26
T4E, T10S - 4700 ft. Rather
decumbent shrub under canopy
of Coulter Pine & Coast Live Oak -
layering frequently, with
conspicuous burk.

Arctostaphylos gland. var adamsii

MUNZ

3 Feb 1976

11805 Balboa Park, park drive
paralleling 6st, opposite Spruce
- forming a turf under tall
Canary Island pine.

Sporobolus poiretii (R. & S.)
Hitchc.

21 Jan 1976.

1806 *Garrya fremontii*
Warm Spr. Mtn.

Feb. 1976 - Pacific Beach -

1807 Larix ssp.

21 March 1976 - Highway Int. 8
at Alpine 35° 50' 11646

1808 *Cistis villosus* L.
var. *corsicus* (Lois.) Gross.

Bachman Spr. Rd

1809 *A. pungens*

1810 *Ceanothus* - desert.

1816 - *A. purpurea* var. *glauca*
Jules et Halimé
Jan 1980

580 m

1900'

1 April 1976

S 1/2 Sec 2
T17S R9E

Meyers Canyon - Imperial Co.
at "Juniper Spring"

Trin.

1811 Melica imperfecta var minor
Scribn.

1812. Prunus fremontii Wats.
fasciculata (Torr.)
Gray

1813. ~~Stilixis~~ linearifolia Wats

24 April 1976 - Vacation Island
along tennis courts 32°46'2" - 117°14'

1814 Bromus willdenovii Kunth
(Willd.) HBK

18 May. 76

1815 Aristida

near Bunkerville Nevada

a. fendleriana Steud.

20 May

1816 Aristida

near ca 5 mi W Mt Carmel

Juniper, Utah

[Aristida longiseta Steud.]

21 May

1817 Crested wheat

10 mi N. Richfield, Utah, 5500 ft
Sevier Co. *Agropyron*
cristatum (L.) Beauv.

1818 Bromus

10 mi N. Mt. Pleasant Ut
5800 ft - San Pete Co.

Bromus inermis Leyss.

1819 *Poa bulbosa*

10 mi. N. Mt. Pleasant Ut.

22 May 76

1820 Grass

Sp. of *Hinkley* + *Pocotello*

Fortune's R. Sage grass on
lava. *Poa nevadensis* Vasey

EX Scribn.

23 May

1821 grass. *Poa pratensis* L.

Henny's fork of the Snake -

St. Anthony Id. El 4900

1822 - Camp. *Hypolepappus*
acaulis (Nutt.) Gray R+db.

1823 *Antennaria tripartita*
Squirrel Id (Burbank) K.

25 May

1824 Grass near Alberfon
Sanders Co.
ca 30 mi W. Mendenhall
Mount. - Clark Fork - w/ PP & grass
Festuca scabrifolia (Tuckerm.) Hook
Torr. in Herb.

1825 grass *Festuca idahoensis*
Elmer

near St. Regis Mount. 25 May
Sagebrush, Ponderosa Pine

1826 Grass - *Agropyron*
speciatum var. *pubescens* Elmer

1827 *Poa barbosa* L.

1828 *Koeleria cristata*
(L.) Pers.

1828A *Poa sandbergii* Vasey

25 May '76
near Mullen, Ida

1829 *Festuca* ~~idahoensis~~
Elmer.

1830 *Agropyron speciatum*
(Pursh.) Scribn.) var
inermis. Heller

25 May 76

near Vantage Wⁿ - Colorado
River. Sage-grass - bench above
river

1831 *Gutierrezia rigida*
(Nutt.) Gray

1832 *Cleophrum spicatum*
(Pursh.) Scribn. & Smith
var. "inermis"

26 May - Snoqualmie fall^W
river bottom - alder yellow-weeds.
1833 ~~1832~~ *Festuca pratensis*
Huds. (*F. elatior* L.)
Clump to 1 m. high.

1833^A *Anthoxanthum*
odoratum L.

1834 *Festuca rubra* L.

1840 Pua sandbergii
fide Holmgren 1988

28 May - Birch Bay Wth
above Whidbey - 10M elev

1835 Robust grass
Arrhenatherum elatius
(L.) Presl.
(Tall oatgrass) Europe
whatcom Co. Wis.

27 May Squamish, B.C.
near Britannia Mine - 50 M elev
1836 a. *Festuca ovina* L. ~~rubra~~ L.

1836 *Danthonia californica*
Boland.
F. idahoensis Elmer.

28 May Stanley Fork B.C.

1837 - Carex (?) spp
Luzula parviflora (Ehrh.) Desv.

2 June 76

48 mi So Klumath Falls
moder WF - bumper Sage-
grass. Grazed by cattle.

1838 *Festuca idahoensis*
Elmer.

1839 *Poa cusickii* Vasey

← 1840 *Poa* [nevadensis]
Vasey ex Scribn.

- no. of Canby

2 June 76 / 65 mi So.

~~Klamath Falls - Ore.~~

1841 -

~~A. ^{nova} ~~arbuscula~~ (nova?)~~

10 July 1976 - Colorado.

Leveland

(next page)

9 July 1976 - Colorado. 3668m
Loudond Pass El. 11992 - ~~3668m~~
Arctic Alpine grassland. Summit

1842 Poa alpina L.

1843 grass Poa glauca Vahl.

1844 - ~~grass~~ Trisetum spicatum
(L.) Richt.

1845 ~~grass~~ Deschampsia
caespitosa (L.) Beauv.

9 July 76

Loudond Pass at ca 11,000 3358m
~~3370m~~

Arctic-alpine grass.

Association with grass, carex,
ferns, weeds, willow, spruce
Koenigsholtz.

1846 ~~grass~~ Trisetum spicatum
(L.) Richt.

1847 ~~Deschampsia~~ caespitosa
(L.) ~~48~~ Beauv.

1850 Phleum alpinum L.

~~1851 1849~~

2750 m

10 July 76

Keystone (Dillon) Colo
9000 ft. flats along Snake
River - L.P. pine forest

1849 *Festuca ovina* L.

1850 *Koeleria* ~~et~~ *crustata*
(L.) ~~de~~ Pers.

1851 (Same as 1849)
(not retained)

11 July 76 Same location
as 10 July 2750 m

1852 to 70 cm tall
← *Stipa* [*columbiana*] Macoun.

1853 *Poa pratensis* L.

1854 *Poa* [*fendleriana*] (Steud.)
Vasey. *P. scabrella*
vide att# 198

1855 *Stipa comata* Trin. & Rupr.

1856 *Deschampsia caespitosa*
(L.) Beauv.

1857 *Festuca* [*ovina* L.]
F. idahoensis
vide att# 198

1858 - *Trisetum spicatum*
(L.) Richt.

13 July 1976 - Loveland
Pass, Colo.

1859. *Deschampsia*
caespitosa (L.)
Bealv.

13 July 76
Montezuma, S.E. of Dillon Colo
10000 ft Englemann spruce
forest - openings. 3050 m

1860 - *Trisetum spicatum*
(L.) Richt.

1861. *Agropyron subsecundum*
(Link.) Hitch.
trachycaulum (Link.) Matte

4 Oct 76
Balboa Park. El Prado
lawns.

1885
1862. *Pennisetum*
clandestinum Hochst ex
Chiov.

3080 m

● 1862 Agrostis? meadow edge
Aspen, spruce. 10,300' 10,100'

● Agrostis scabra Willd.

● ✓ 1863. Bromus anomalus
Rupr. ex Fourn.

● at 10,300' 3150 m

~~14 JULY '76 Breckenridge
Colo, Summit Co. 9200'~~

~~18~~

13 JULY 1976. N. hillside
above Snake River, Keystone,
Summit Co. Colo. LP pine,

● Big Sagebrush, bitterbrush, grass,
weeds, bear matt menziesia

2750 -

● [1864 Hordeum. pauciflorum]
Agropyrum saundersii
(Vasey) Hitchc.

● ✓ 1865. Bromus. dracopis pinck

● Bromus anomalus
Rupr ex Fourn.

2750 m

● 1866 *Elymus Agropyron*
trachycaulum (Link.)
Malte 2800 m.

● 1867 *Oryzopsis exigua*
Thurb.
Uncommon.
2800 m

● 1868. *Elymus Agropyron*
speciatum (Pursh) Scribn.
& Smith.
2850

1869. *Festuca*. Tall, to .8 m
one seen

Festuca thurberi Vasey in
Rothr.
2850 m

● 14 July Breckenridge, Summit
Co. Colo. 9200 ft (2800 m)

● 1870 Bromus. disturbed area
Bromus polyanthus Scribn.

● 1871 Bromus. Annual Perennial
Bromus marginatus Nees. in
Steud.

● 1872 Bromus. perennial
Bromus anomalus Rupr.
ex. Fourn.

1873 - fescue

Festuca rubra L.

~~1874~~ 1872

Bromus, per.

B. anomalus Rupr. ex. Fourn.

1875 ~~Festuca~~ ~~crina.~~ valley
grassland w/ sagebrush
forbs. L.P. forest on hills

Poa pratensis L.

rhizomes present.

15 July 1976 11642 ft
Top of Keystone Mtn

● 1876 - Poa w/ rhizomes (~~planted?~~)

← Poa [nervosa] (Hook.)

Vasey

● 3540 m.

L.P. pine

along Snake river, Keystone,
15 July. 9000'

250 2750 m.

part of 1865

1877 - *B. japonica*? perennial
w/o rhizomes

Bromus anomalus Rupr. ex.
Fourn.

1878 *Brome* (Stipa stabilization)

Bromus inermis Leyss.

1879 *Agrostis* - moist
streamside

Agrostis scabra Willd.

17 July 76. Telluride, Colo
2680 m.

1880. *Fesue*. Steambottom
site. w/ rhizomes

Festuca rubra L.

1881. *Stipa* - Open grass
W. of Telluride 2600 m

Stipa lettermanii Vasey

Loche fork of San Miguel River

Mesa Verde 8000 ft. 18 July
2450 m. 1976

1882. *Chrysothamnus* sp?

Chrysothamnus *linifolius* Greene

1883. *Artemisia frigida*

Hel Norte Colo 18 July 76

@ 8000 ft.

Artemisia frigida Willd.

End Colo. collections

1 July 76 - Pacific Blvd; Inyokan
+ Garnet Ave. alley.

1884. *Hypochoeris radicata*

L.

"Weed of waste places"
Europe.

32° 48' N

117-14 W

4 Oct.

Balboa Park.

1885

Pennisetum clandestinum

Hochst ex Chiov.

"Kikuyu Grass"

Africa

32° 44' N

117° 04' W

● 7 OCT 76. Jovey Pine
Rd. San Diego

● 1886: *Baccharis pilularis*
consanguinea (DC.) C. B.
WOLF.

● 1887. *Eriogonon fasciculatum*
~~*Falsum* (Nutt.) Stokes~~

1888. *Artemisia californica*
Above 3 specimens "schools"

Old town
1976. 30 OCT

1889

● *Eleusine indica* (L.)
Gaertn.

32-45N 117 11 W

● 1890 *E. davidsonii*
mailed to Jim 8 Nov 76

29 Nov 1976

#~~1887~~ 1891

Pinus thumbergii

Cult. conifer - Grand
Hills, Los Angeles Co.

#1892 23 Dec 76 S. Miller

Citrus grandis (Linn.)
Osbeck

Cult. - Subarctic

~~18 Feb 1~~

29 January 1977

1893 *Cynodon dactylon* L

Crown Point -

dwarfed form in
park lawns - adjacent
to beach - S.D. bay

32° 47' 1/4 N - 117-14 W

5m
~~20ft~~

[School Collectors:]

18 Feb 1977

Kitchen Cr. ~~at road~~
below Wild Rose Spring.

1894 - Ribes - w/ white
flo.; thornless, shrub 1 1/2 m
tall. In mixed chaparral
on granitic soils.

Ribes indecorum Eastw

1895.

Ephedra californica
Wats.

March 1 77

1896 - Pinus pinea L.

- at corner of Loney Pines Drive
& La Villa Shores. in parkway.

Specimen + 3 cones.

~~3247~~ 32° 51

117-16

18 ~~50~~ m

Label

5 March 77

Foster Island, in sand.

1897. Bromus ~~of arizonae~~.

3247 - 11713

5m

B. carinatos.

[not used]

" White Sapotae

" Cochil Sapota "

Casimiroa edulis Llav. & Lex.



Mexico coast to 7000

+ South America. " Fruit delicious;

used in Mexico to induce sleep;

leaves used extensively for treatment
of diarrhoea. —

23 March 1977

1898 "Sapote"
Casimiroa edulis.
[not used]

1899

④ 29 March 77

• Ehrharta *Ehrharta calycina*
Sm.

occasional along I-8, vicinity of
Alpine to 1/2 mi W. of Descanso
junction. Planted for slope
protection.

1900 ✓ 9 April 77 . 2500' 750m ✓
Festuca *nevadensis* Vasey
Ex Scribn.

1 mi E. of Jacumba Exit off
I-8. In volcanic rocks above
drainage; uncommon; w/ acacia,
goat nut, haplopappus.

S. B. Co.

13 April 77

• 1901 *Harpephyllum caffrum*
Bernh.

"Kafir Plum"

Ornamental - Pacific Beach, :
Ingraham at La Playa - extreme SW
corner of Oakwood E.

- 1902 - Ficus cf roxburghii
CULT.
Pacific Beach - Oakwood East
on Ingraham at La Playa.
Court yard So. of F. Bldg.

- 14 Apr. 77
- 1903 Bromus willdenovii Kunth

Pacific Beach - on Dawes, south
of Sapphire St.

20 Apr. 77 116°-28' W. ³² 55° 52' N.

Laguna Meadows - near Big Laguna
lake E. of earth dam, in red soil
derived from Gabbro:

- Poa atropurpurea Scribn.
ca 6000' El.
1904 -

Same

- 1905 Festuca Poa scabrella
(Thurb.) Benth ex Vasey
edge of meadow in granite
knoll.

23 Apr. 77

Pine Hills - 1/2 mile N. of USFS
Pine Hills Sta. 4000'
116°38' N - 33°01' N

- 1906 - Poa pratensis L.
in old burn under Coulter Pine
& Canyon Live Oak.
- 1907 - Stipa cernua Steud. &
Love
edge of annual grass
meadow.

23 April. 77

Near Julian, ca. 2 mile W. on highway 78.
Disturbed roadside. 116°38' W 33°06' N 4000'
~~1908 Bromus~~ too immature

- Below Inaja Monument in Tonalite
boulders - chaparral, oak, w. slope.
3100' 116°40' W 33°06' N
- 1909 Poa scabrella (Thurb.) Kuntze ⁽²⁾
~~1909~~ ⁽²⁾ ex Vasey

29 April 77

Lake Jennings Rd off I-8,
ca 1/4 mi E of dam. Roadside
disturbed area.

116°53'W 32°-51'N. 200 m.

• 1910 -

• Leptochloa uninetrid
(Presl) Hitchc. & Chase

• 1911 Setaria lutescens (Weigel)
Hubbard
Setaria glauca
Ret. det. Longo

30 April 77

Chaparral N. of Warner Hot Spgs
116°38'W; 35°17'N. ca 950 m.

• 1912 - Stipa cernua Steb.
& Love

Riparian zone, Caliente Creek

900 m 116°38'W, 35°18'N

• 1913 - Bromus carinatus
Hook. & Arn.

• ~~1915 - Muhlenbergia~~

in Chaparral above riparian zone, Caliente Creek, 1000 m. elev

- 1914 - Stipa cernua Steb. & Love
- 1915 - Melica imperfecta Trin.

3 May 1977

El Capitan Reservoir Rd, below dam;
ca. 150 m elev.; 116° 51' W, 32° 58' 1/2' N.

In El Monte Park, ~~at location~~
ca. due south of westerly
restroom, 50-75 ft. upslope
from lawn area, in the chaparral:

- 1916. ~~Abrams~~ Rhamnus pilosa (Trel.)
Abrams.

Shrub with several erect stems,
3-3.5 m. tall, 3 m. wide, with
thin vine-like branches forming
an umbrella or cascade, often
entangled w/ other vegetation.
some branches with a few broad
leaves, but most w/ massed small leaves.
Only 2 plants found.

3 May 77 (cont.)

" School Loan Collections

1917 *Sambucus*

1918 *Quercus engelmannii* Greene

¹⁹
19~~20~~ *Datura meteloides* A. DC.

1920-*Platanus racemosa* Nutt.

1921- *Rhus Lawrenceana* Nutt. in T. & G.

1922- *Mimulus*

1923 *Nicotiana glauca* Grah

1924 *Ceanothus*

1925 *Eriogonum fasciculatum*

(School Loan - cont.)

● (1926) Bromus dicandrus Roth

● (1927) Hordeum glaucum
leporinum

4 May 1977. (School Loans in ())
Filaree Flat, Laguna Mtns,
SD forest

(1928) Careocarpus greggii
var perplexans

● 1929. Poa ~~atropurpurea~~ Scribn.
ptatensis L.

K+T. ~~Species~~; in sedge meadow
at lower end of Filaree Flat,
w/ carex + Juncus. Ca 1700 m.
116° 28 W, 32° 55 N.

1950

4 May Cont.

"Pioneer Mail Campground"

Laguna Mtns. On Lewis & Hwy.
at NF. Bdry. 1700 m. elev
116°29' - 32°56'

(1930) *Bromus* [^{discard} Too immature
carinatus]

(1931) *Cercocarpus*

(1932) *Bromus mollis*

(1933) *Ceanothus*

Monument Peak c 1800 m. 1900 m.

(1934) *Arctostaphylos* ^{principis}
~~discard - poor fls.~~

● 1935 - *Stipa lemmonii* ?
new? in locality?

S. lemmonii
(Vasey) Scribn.

32°52' - 117°14'

1946 - Chap. Black Mt. Rd. E.
of Juncos Pass. Cornell V. Rd
32°57'N 117°10'W

(2) 1947. *Lycopersicon pimpinellifolium* Mill.
"Currant Tomato" Peru.

32°54'N - 117°13½'W

1950 *Brachypodium distachyon* (L.) Beauv.

32°55' - 117°07½'

6 May 77 Black Mtn. Rd, S.D. Co.
Coastal Chaparral.

"School Loan" coll. in []

(1936) *Cardionema ramosissimum*
(Weim.) Nels. & Macbr.

(1937) *Viguiera lanceolata* T

(1938) *Leptosperum laevigatum* F. Muill. (22)
on Torrey Pines Rd., edge of
chamise chaparral. Cult.

Torrey Pines Lagoon. (Saltmarsh)
6 May 77 and in chaparral

(1939) *Suaeda*

(1940) *Ceanothus*

(1941) *Helianthemum*

(1942) *Cackile*

on Torrey Pines beach.

(1943) *Yerba Santa* - *Eriodictyon cressi*.

(1944) *Astragalus*

(1945) *Salvia melayana*

(1946) *Myrophenum acuminata*
an escape R. Br

(1947) *Solanum*. Cult. species

[ref. Tom Whittaker, La Jolla]

(1948) *Malocothamnus*

near Penesquitos High School.

(1949) *Bromus rubra*

(1950) *Baccharis* on the ~~edge~~ in
(4) cracks of sidewalk behind
school

8 May 1977 - Granada Hills

● 1951 Bromus willdenowii
3410 - 11825

12 May 77 - NE cor of
Jewell & La Playa, Pacific Beach.
growing in English leg. grass
w/ rhizomes: tubra L.

● 1952 - Festuca Lemmonii

at Crown Point Beach Park Area

- School Coll. [1953 - Sonchus oleraceus
[1954 - Bromus diandrus
[1955 - Heliotropium curassavicum
[1956 - Ambrosia chamissones
[1957 - Chrysanthemum coronarium
[1958 - Gasoul chrysolepis

29 May 1977 Pacific Beach
S. Diego River channel + vicinity

- [1959 - Comissomin bestorta
[1960 - Salsola iberica
[1961 Mel Centaurea ea melitensis
[1962 Jaumea carnosus (Less.) Gray
[1963 Distichlis spicata (L.) Greene
var. spicata
[1964 Anagallis arvensis L.
[1965 Frankenia grandifolia
Cham. & Schlecht

Festuca ovina var. *glauca*

1981 - [*Zoysia tenuifolia*]
Willd.

1982: *Chrysopogon aciculatus*
(Retz.) Trin.

det. José Valls

Mauia; church yard at Keanae

17 May 77.

Stoloniferous.

1996 • Edea "Rope"

Eruca Schrad. Coll. Digitized by eGangotri Institute for Botanical Documentation

29 May (Cont)

"School"
Collection

- [1966 - *Juncus acutus* L. var. *sphaerocarpus* Engelm.
- [1967 *Salicornia virginica* L.
- [1968 *Xylococcus bicolor* Nutt.
- [1969 *Adenostema fasciculatum* H. & A.
- [1970 *Cleome isomeris* Greene
- [1971 *Salicornia subterminalis* Parish
- [1972 Gasol
- [1973 *Melilotus indica* L.
- [1974 *Lolium perenne*
- [1975 *Cressa truxillensis* var. *vallicola* (Heller) Munz.
- [1976 *Atriplex semibaccata* R. Br.
- [1977 *Centaurea melitensis* L.
- [1978 *Baccharis glutinosa* Pers.
- [1979 *Avena fatua* L.
- ~~[1980 -~~

5 June 1977. P. Beach.

- 1980A - F. [Lemmon] ^(?) (2) K. velvet-grass
- 1981 - Korean grass. ⁽²⁾ 4/2/77
- 1982 - *Chrysopsis* (Hawaii)

School Collections on

- 4 June 77. San Diego River
- 5 " Ocean Beach
- 6 " In-ko-pa w/ Jehl
- 12 " Korean Grass -
- 13 " Laguna Beach U.C./I
- 18 " Sat. Lagunas
- 21 " Boja w/ Reid

Nos. 1983-1997 - School Collection

Note:-

On 14 July, in Denver,
I lost my field book
containing notes for
1998 three 2065.

I, therefore, had to
reconstruct my notes
for the some 68 numbers
collected between # Jan
1 July + 16 July.

There are no doubt
some errors, but by
+ large the notes are
okay.

Dr.

2003 *Elymus trilinearis*
Jude Cott. Jan 1980

Collections in Nev, Utah, Colorado,
Wyoming & Idaho between 30 June
& 27 July 1977.

Nevada.

1 July 77. at Dry Lake on US93 ca.
20 mi N. of I-15. w/ Saltgrass, weeds.

- 1998 - Sporobolus cryptandrus (Torr.)
1999 - Avena sativa L. Gray
2000 - Aristida fendleriana Steud.

So. end of Paranagat Lake. Saline
soil w/ Populus

2001 Sporobolus cryptandrus
(Torr.) A. Gray

2002 [Agrostis] annual
Panicum capillare L.

Hiko - by the stream. Junct. State 25 w/
US93. Saltgrass, Sarcobatus, Populus.

(2) 2003 [Agropyron smithii Rydb.]

2004 Sporobolus aroides (Torr.) Torr.

(3) 2005 - Paspalum distichum L.
with stolons; decumbent,
creeping; rooting

2007 *Sitanion hystrix* (Nutt.) J.G. Smith
var. *hystrix*

2009 *Sitanion hystrix* (Nutt.) J.G. Smith
var. *hystrix*

2013 *Aristida purpurea* ²⁰¹³ →
var. *longisetata*
(Steudel) Vasey

Agropyrum trachycaulum
var. *unilaterale* (Cassidy)
Malte

Between Hiko & Caliente on US93

2006 - Stipa comata Trin. & Rupr.
Lincoln Co

① 2007 - Sitanion hystrix (Muhl.) J. & Smith
var. ~~hystrix~~ var. ~~hordeoides~~ (Suktsd.)
2008 - Sporobolus cryptandrus C.L. Hitchc.
(Torr.) Torr.

← 2009 - Sitanion
To School

2010 - Sporobolus cryptandrus (Torr.)
Torr.
To School

E. of Panaca on State 56 - Pinyon-Juniper.

2011 - Hilaria rigida (Thurb.) Benth.
(Roem. & Schult.) Rickard

2012 - Oryzopsis hymenoides ♀

2 mi E. of Moderna, Utah. Iron County

② 2013 - Aristida fenderiana Steud.
longiseta Steud.

2 July - Cedar City to Provo. No collections.

3 July 77. Out of Provo toward Price
and return w/ Jim & Mark Reveal &
Lee of USDA - Beltsville.

On state #35 - ca 10 mi E. of Woodland,
Wasatch Co. Uinta Mts

② 2014 - Stymus (Agropyron caninum)
ssp. majus var. unilaterale (Vasey) C.L.
Hitchc.

[F. pratensis Huds.

2021 - Stipa lettermanii
fide alt Jan 1980

2023. Melicis spectabilis
fide alt Jan 80

2015 - *Festuca-Poa pratensis* L.

8 mi W. of Stockmore on State 35.
Unter Mts - Ladepole Pine, Engelman Spruce
forest w/ grassy openings. W. of Duchesne R.

(2) 2016 - ~~Festuca~~ [*Festuca elatior* L.] Syn.
2017 - *Hordeum brachyantherum* Nevski

ca 6 mi W. of Stockmore. Duchesne R.

2018 - *Hordeum jubatum* L.

is covered

(2) 2019 *Stipa lettermanii* Vasey
columbiana Macoun

(2) 2020 - *Bromus carinatus* Hook. & Arn. 4

←
2021 *Stipa* [*columbiana*
~~*lettermanii*~~ Macoun]

on State No 208 - 3 mi So. of #35. -

Pungu-Lumpy plateau. Duchesne

2022 - *Stipa columbiana* Macoun.

2023 - *Melica* [*bulbosa*] Geyer

2024 - *Agropyron smithii* Rydb.

4 July 77. Provo, Utah.

waste areas & weedy places near BYU.

← 2025 - Domestic Rye. Hordeum vulgare L.
4-row barley.

(2) 2026 - Aegilops cylindrica Host.
~~2027 On.~~

5 July 77. Sundance, trail up creek,
N. of Provo, Ut.

~~2028~~ - Agropyron.

(4) 2027 - Poa canbyi (Scribn.)
Howell.

6 July. Provo - high bench N. of BYU.

2028 - Agropyron apiculatum (Pursh)
Scribn. & Smith.

7 July 77. Provo en route grand
junction. on US6.

4 mi N. of Thistle, Wasatch Co. Utah Co.

2029 Sporobolus cymatandrus
(Torr.) A. Gray

(2) 2030 [Aquostis palustris Huds.]

A. stolonifera L.

Agropyron [caninum ssp majus
var unilaterale (Vasey) C.L. Hitchc.]
A. trachycauleum
var. glaucum (Pease &
Moore) Malta.

Unusually fine-leaved 2034a
A. trachycauleum var. unilaterale
(Cassidy) Malta

2035 *Elymus salinus* Jones
fide Abbott Jan 1980

10 mi E. of Thistle - along a
small stream. Wasatch Utah Co.

2031 Stipa viridula Trin. &

2032 Stipa lebermanni Vasey

2033

2034 Stipa [Agropyron carinatum
ssp. majus var. unilaterale]

~~2034A f~~

Soldier Summit 7477

At Helper Carbon Co. - 5830' Sage type
USG UTAH Co. 1800 M

2034A. ~~Festuca~~ [Agropyron spicatum]
(Pursh) Scribn. & Smith

2035 [Festuca [scabrella] Torr. in Hook.

2036 Bromus carinatus⁴ Hook. & Arn.

2037 Poa juncifolia Scribn

5 mi E. of Green River, Grand Co.

4100' elev

② 2038. Sporobolus airoides (Torr.) Torr.
cryptandrus (Torr.) A. Gray.

~~2039 Sarcobatus~~

~~2039 Sarcobatus~~

Colorado -

8 July 1977. Grand Junction -
Colo. Nat. Mon. - Dillon-keystone
Colo. [Mesa Co. 5000'] 1500 m

↓
Slough s. E. of Fruita, Colo
on State 340. Colorado River. Alkaline
2039 - Sarcobatus vermiculatus
2039 - Sarcobatus (Hook.) Torr.

(2) 2040 - Agropyron cf. intermedium
2040 - Agropyron (Host) Beauv.

(2) 2041 Agropyron x [same as 2040]

(2) 2042 - Saltgrass Distichlis spicata
var stricta (Torr.) Beetle

at Eagle, Colo on I 70 - Colorado River
6600 ft elev. Eagle Co. (2000 m)

2043 - Comp. Centaurea
repens L.

2044 - Elymus cinereus
Scribn. & ~~Wats~~ Merrill

10 July 77. Snomast^{Co.} - Maroon L.
Engl. Spruce - L.P. - Roaring Fk a. Colo
Whamaga. ca 9000' Pitkin Co. (2800 m)

(2) 2045 Bromus caryinatus Hook & Arn

[2046 Bromus caryinatus Hook. + Arn.

2047 *S. lettermanii* Vasey

[but with mostly
closed sheath] laminae: webbed; stout stolons

2053 *Siganion hystrix* var.
brevifolium (D.G. Smith)
C.L. Hitchc.

12 July 77. Keystone, Colo - Summit Co.
in LP-Attr-Gr type. 9600' Summit Co.
2900 m

① 2047 ~~Stipa~~ Columbiana
Macoun.

2048 - Agrostis Calmagrostis
Scribneri Beal

2049 - Poa interior Rydb.

2050' Danthonia parryi Scribn.

② 2051' Fescue ovina L.

④ 2052' Sitanion h. var. b.

[13 July] Aspen Grove - No. of road to Loveland Pass

2053' [Sitanion 9600' Summit Co.] School

② 2054' Danthonia parryi Scribn.

② → Deschampsia cespitosa
2055' Desch. (L.) Beauv.

② → 2056'

14 July. Denver. Waste areas near
Denver Int. Airport: 5200 ft 5
Adams Co. Colo.

2056' Agrostis Agrostis scabra Willd.
1600 m.

2057 - Agrostis exarata Trin.

2058 - Aristida longiseta Steud.

14 July Cont.

2059 ~~Str.~~ Echinochloa crusgalli
(L.) Beauv.

① 2060 Setaria viridis (L.) Beauv.

2061 Eragrostis orcuttiana Vasey

2062 Eragrostis cilianensis
(All.) Link.

2063 - ~~Str.~~ Panicum capillare L.

② 2064 - Bromus racemosus L. 0

2065 - ~~Cenchrus~~ Cenchrus
pauciflorus Benth.

15 July 77. In Denver - no collections

16 July 77. Colorado - Ca 5 mi W.
of Parshall. in a ~~moist~~ shallow
draw w/ Abr, gr. Chy. ~~etc.~~ Colorado
River drainage. Jackson Co. 7500'
2300 ft.

③ 2066. Agropyron smithii Rydb.

Utah Co, Utah.
Dinosaur N.M. ~~Stofft Co. Colo.~~
Island Park Overlook vicinity - Ca 7500'
2300 ft.
2067 [Chrysothamnus]
Haplopappus lanceolatus
(Hook.) T. & G.

2072. *S. nelsonii* var *nelsonii*
fide Abbott Law 1980

2074 *A. brachycaulum* var
unilaterale (Cossidy) Malte

No. Below Berthoud Pass - head of
Fraser R. ca 10,500' elev. - Engelman
Spruce forest - grassy openings. Grand Co, Colo.

2068 *Bromus ciliatus* L. 4

UTAH
2500 ⁱⁿ 17 July - along Hwy ~~40~~ 44
ca. 8000' - LP pine, aspen, grass - moist
slope above old beaver pond. Daguerre Co.
between Vernal's Flaming Gorge NRA.

2069 *Poa nevadensis* Vasey

2069A- *Poa*.

2070 ~~in~~ *Trisetum spicatum* (L.)
K. Richter.

2071 *Sitanion hystrix* var
brevisolium (J.G. Smith) C.L. Hitchc.

(2) 2072 *Stipa* [*columbia* Macoun]

2073- *Bromus carinatus* Hook. & Arn

2074 [*Agropyron caninum* ssp *majus*
var. *unilaterale* (Vasey) C.L. Hitchc.]

2075 - *Poa interior* Rydb.

" 15 m. N. of Big Run
on the Green, Sublette
Co. Wyo. 6500.
2078
2079 - Poa "

" 2 mi So. of Cottonwood
Co. 6500'. Sap year
2080 - Stipa "

2079 - (= *Stipa webberi* - [Thurber]
B.L. Johnson)
w/o awns - hybrid?
2079 *Orozopsis swallenii*
fide H.E. Barkworth. *
Jan 1980. ✓

2080 *S. comata* var. *intermedia*
Scribn & Treadwell
* First Wyoming collection

18 Jul-1 77 Wyoming, Lincoln Co.
ca. 6660 ft. Sagebrush
plains ca 10 ^{16 km} mi No. of Opal on
 Hwy 240. 2000 m.

2076. Chrysothamnus nauseosus
consimilis (Greene) Hall + Clem.

Sagebrush Plains between Opal +
Pebble. Lincoln Co. Wyo. Green River
drainage; on Hwy 189. ca 6700' 2050
m
Mat Muhly

2077 Muhlenbergia richardsonis
(Trin.) Rydb.

15 ~~25~~ mi n. of Big Piney on
the Green River. Sublette Co Wyo 6800'
(on US 189) Cottonwood Cr. 2050
m

2078 Festuca ovina L.

(2) 2079 Oryzopsis
cf. webberi (Thurb.) Benth.
ex Vasey

Cottonwood Creek between Big
Piney & Daniel, Wyo. Sublette Co. 6900'
Sagebrush-Grass. 2100 m

(2080) Stipa comata
Trin. & Ropr.

Stipa columbiana Moench.
var. nelsoni (Scribn.) Hitchc.

2084 - *C. neglecta* (Ehrh.) Gaertn. ←

2085 *Aspropyron trachycaulum*
(Link) Malte var t.

Idaho - Fremont Co.

19 July - Island Park - near
McCrae Ranch., Tongue NF. LI2-Alt-Gr.
1900 m. elev.

2081 Danthoria intermedia Vasey

2082 - Danthoria unispicata
Munro

2083 Festuca occidentalis Hook.

2 mi S.E. of Big Spring Rd on
Moose Cr. Cut-over LP forest. 1950 m

(4) 2084 - Agrostis Calamagrostis
~~locustiana~~ ~~Bead~~

(2) 2085 [Agropyron ^{caninum} ~~caninum~~ ssp.
majus var. majus (Vasey) C.L. Hitchc.]
2086.

2087 - ~~Hordeus~~ Trisetum spicatum
(L.) K. Richter.

(2) 2088 - Elymus (Loosebuds)
Elymus glaucus Buckl.

2089 - Agrostis? Agrostis scabra
Willd.

2090 - Bromus (annual)
Bromus carinatus Hook. & Arn.

2094 - *Artemisa arbuscula*
ssp *thermopola* Beetle

2096 *S. comata* var.
intermedia Scribn &
Sawedy

Island Park Idaho. Fremont Co.

¹⁹
20 July 1977.

In LP forest, openings w/ Atr-grass.
Near McCrae ranch.

Danthonia intermedia Vasey
2091 ~~*Calamagrostis*~~

2092- *Melica bulbosa*. Geyer

20 July 77 Island Park

On the Buffalo R. ca 1/4 mi E. of
Elk Creek. LP forest w/ wet
meadow openings. Sedge, grass, forbs.

2093- *Phleum pratense* L.

Inude Siding on the Big Springs
Road. Atr-grass openings in LP
forest.

②
2094- *Artemisia arbuscula*?

2095 *Festuca ovina* L.

2096- *Stipa ~~comata~~ columbiana*
var. waltsonii (Scribn.) Hitchc.

2097- *Poa nevadensis*

(Vasey) ex Scribn.

2105 *C. neglecta* (Ehrh.) Gaertn.,
Meyer & Scherb.

2 mi ~~E~~ W. of Bug Spas. LD-Attr.

2098 Elymus glaucus Buckl.

2099 - ~~var.~~ Danthonia intermedia
Vasey

2100 Bromus carinatus H.
Hook. & Arn.

1 Feb 78 Coll.

21 July. Cave Falls - Yellowstone
NP, Wyoming Cave Falls on falls R.
LP-Car. Gr. End of ~~the~~ Cave Falls Rd
1900 M.

2101 Danthonia intermedia Vasey

2102 - Festuca ovina L.

2103 Stipa columbiana Macoun.
var nelsoni (Scrubn.) Hitch.

at Wyoming Cr. on Beckler Rd. (Cave
Falls Rd)
Fremont Co. Idaho

2104 Phalaris arundinacea L.

[Real canary grass - widely distributed]

(2) 2105 [Calamagrostis inexpansa
Gray var. inexpansa]

2107 *Agropyron trachycaulum*
var *glaucum* (Pesse &
Moore) Malte

[cult.]

2110a - *Lycium helisii folium*
Mill.

ca 1 mi So. of Ulysses Cr.
in logged area

(2) 2106 Bromus carinatus
Hook. & Arn.

at Rock Cr. LP-Willow-Grass

(3) 2107 [Agropyron carinatum]
ssp majus var. unilaterale (Vasey) C.L. Hitchc.

22 July 1977

Near Squirrel Idaho, Fremont Co. 5000'
at the old buffalo wallow on the
Co-road N of Art Anderson place.

1500 m

2108- Barley. Hordeum vulgare L.
"2-row barley"

Fremont Co, Idaho

23 July 77. Squirrel Cr. above
the Squirrel Bridge. 5000' - Willow-Grass.

2109 Phalaris arundinacea

(2) 2110 Agropyron dasystachyum (Hook.)
Scribn.

Bushkutter Place

2111 Bearded wheat.
Triticum aestivum L.

Harshbarger Place - ca 2 1/2 mi E.
Squirrel.

2112 Beardless wheat,

Triticum aestivum L.

On Squirrel Cr. N. of Drummond.
on bench above cr. in a relic
area of Abr-Gr.

Labels
to
file

2113. *Artemisia tripartita* Rydb

2114 *Tetradymia canescens*
DC. "Gray horsebrush"

24 July; 25 July. no collections.
Travel Island Park to Logan to Elko, Nev.

26 July 1977. So. of Carlin on
State 51. Elko Co Nevada. Saltgrass,
alkali flat.

② 2114A ^{Sporobolus} *Eragrostis airoides* (Torr.) Torr.

65 mi So. of Carlin on Hwy 51.
Juniper, Atr, Chg. - Union Pass. Eureka Co.

2115 *Agropyron dosystachyum*
(Hook.) Scribn.

E. of Cusatin Nev. on Scott
Pass, (U.S. 50) Lander Co.

2116. *Elymus*.

10 mi S. of ~~Westgate~~ Eastgate on
road to Gibbs, Nev. (State 23). Lander Co.

2117- *Sporobolus cryptandrus*
(Torr.) A. Gray.

End of collection this trip.

begin Number: 1998

End .. : 2117 = ¹¹⁹ ~~#~~ numbers

Labels Taped
3 Feb '78