1829 April 11, 1935. In sticky red clay soil on open slope streamed with larchite boulders, near Bridge Creek, about 1 mile northwest of Mitchell, Wheeler Co., Oregon, Twp. 11 S, R. 21 E, about Section 9. F Lower yellow, now mostly gone. Fruits compressed, becoming narrowly winged at maturiy but then immediately deciduous. Plants fairly common on this site, but not extending onto the adjacent more lemon red clay. Elevation 2200 feet.

Lomatium hendersonii C. J. R.
6/30 - April 11, 1953. Vendantium
ried in open, grassy along the
road, near Bridge Creek, 7
miles northwest of Mitchell,
Wheeler Co., Oregon.
Togs. 11S, R. 21E, about section 9.
Flowers yellow. Elevation 2100'

**Ranunculus testiculatus Crantz**

**Ranunculus testiculatus**

6/31 - April 11-1953. More place
as 6/30, fairly plentiful.
Flowers white; plants with
a mealy like color.

**Polemonium micranthum Bentham.**

**Polemonium micranthum**
6832 - April 11, 1953. Same place as 6830. Plants occur here. Flowers pink - lavender.

Microsteris graciliis (Hook.) Greene var. humilior (Hook.)

Microsteris graciliis

1833 - April 11, 1953 Between line of will and its taking slope, west side of the Rank.

Cay Pk. near Burnt Ranch, which contains Longo. 9S. R. 26E. Section 30 or 31.

Height 2 m tall. Elevation: 1500

Phaloelephus levisii Pursh

Phaloelephus D
April 11, 1953. Shrub 1.5 - 2 m tall - some places 6.5 m.
Flowers bright yellow.

**Ribes aureum** Pursh

683.4

4

Ribes aureum

1.5 d.m. April 11, 1953

April 11, 1953: Shrub 1.5 - 2 m tall at base of steep talus slopes near the John Day River, a little southeast of Burnt Ranch, Wheeler Co., Oregon. Den. 1541. Term 95, R. 70 E, S. 30 m. 3. Flowers pinkish.

**Ribes cereum** Dougl. 21

Red

Ribes cereum: 15 dm
1836 - April 11, 1953 - Dry gravelly clay flat near Currant Creek, halfway between Antelope and Burnt Ranch, Wasco Co., Oregon. Twp 18 S., R 18 E., Elev. 1600'.

Idaho scapigera (Hook.) Helb.

dupl. det. R. C. Rollins

Idaho varia, sp. 1864. [illegible]


R. cereum Doug.

R. cereum [illegible]

Ranunculus laticylindricus Crantz


Arctostaphylos pumila Greene

Arctostaphylos
April 12, 1933. Wet
weather and ice and 3 miles
above the Panaram River, 7
miles east of Cascade Bridge
(orange. 1st 135. 714E).

I went for a walk and
then attached
Dentaria tenella Pursh
var. pulcherrima (Green, Oct 1924)

m. tall in

I went to Washburn and along the
Cascade River 6 miles east of
Orange. 1st day
.

Camarone californica (Trd Gii)
April 13, 1933

Rites sanguineum Bush

R. 4

6543 - April 14, 1953

Fragaria chiloensis (L.) Duchesne

Fragaria chiloensis

Fragaria chiloensis

Hypodermum and nepeta, deep red. Petals white or slightly pinkish.

Ribes menziesii Pursh

Ribes - Letters

36 - April 14, 1933. Scattering plants on open, logged and burned slopes overlooking the sea at Cape Arago, south of Coos Bay, Coos Co., Oregon. Twp. 265, R. 14 W. Berries orange to scarlet.

Castilleja littoralis Pennell

det. Marion Ownby
68°12' April 14, 1953. Shrub 1.5 -3 ft tall in open near shore, in logging and burned 2041; Cape Arago, south of Coos Bay, Coos Co., 24°34' 10N, Twp. 26S, R14W. Flowers deep rich pink, almost red.

Ribes sanguineum Pursh

Ribes sanguineum. 26

68°47' April 14, 1953. Partly sheltered, flowers on lettuce, growing at Cape Arago, south of Coos Bay, 24°34' 10N, Twp. 26S, R14W. Flowers at first white, later turning rose red. perulata.

Petasites frigidus (L.) Fries var. palmatus (Ait.) Cronq. 26, incl. (13 sp.) 13 shot 2

Lonicera involucrata Batsch var. involucrata


Vaccinium ovatum Pursh
Cotula coronopifolia L.

Cotula coronopifolia (27)


Rubus spectabilis Pursh

R. 112 (24)
Flowers yellow, the spurred and lateral petals with some darkening.

Viola glabella Nutt.  

Yellow violet  

6853. April 16, 1953. In thin, wet soil on sloping hauliers and hillside overlooking the Willamette River, between Alleghany and Army Camp Coos Co., Oregon. Twp. 25 S., R. 12 W.
Flowers yellow, varying in size and number with the age of the plant.

Mimulus guttatus Fisch. (M. laxus Pennell)

Candles wooden shaped, nearly white, marked with circular lines outside, and deep purple inside.

Nemophila menziesii H.+A.

var. atomaria (F.+M) Chandy

Nemophila 31

April 17, 1954

In recent growth work along the east fork of the Millcreek River, 4 miles upstream from Allegheny Coosa, org. Twp. 24 S., R. 11 W. Flowers white, with faint to evident lavender lines. Plants at will.

Oxalis oregana Nutt.

Oxalis 33
April 18, 1953. In thin wet soil along sandstone cliffs overlooking the east fork of the Millstone River, 4 miles upstream from Allegany Co., Oregon, Twp. 24 S., R. 11 W.

Flowers white. Abundant in this habitat.

Romanzoffia schodorfii Greene

[Hydr. ?] 35

685'), April 18, 1953. Same place as 6850. Corolla evidently bilabiate, deep pink, or in rare spots pale lavender. Plants abundant in this habitat.

Plectritis congesta (Lindl.) DC.
1856 April 18, 1933 - In second
pinewich forest along the east fork
of the Mullicania river, 4 miles upstream
from Alleghany, Cass Co., Oregon. Trip 245,
R. 11 W. Frontiership lavender pink.

Dicentra formosa (Andr.) DC.

Dicentra 33

1953 April 18, 1953 - In moist
soil along shaly cliffs over
looking the east fork of the Mullic
Came River, 4 miles upstream from
R. 11 W. Petals white; anthus orange.

Sedifraga marshallii Greene

Sedifraga 33
6866 April 19, 1953 - On rich soil on partly shaded south slope overlooking Glen Creek just below Golden Falls, 11 miles upstream from Allegany, Coos Co., Oregon. Twp. 24S, R. 10W. Flowers blue - lavender.

Synthyris reniformis (Dough) Benth.

6867 - April 19, 1953. On rich soil on rocks just below Golden Falls, Glen Creek, 11 miles upstream from Allegany, Coos Co., Oregon. Twp. 24S, R. 10W. Perianth pink; filaments white; anthers yellow. Many of the plants with the leaves brown-splotched. Erythronium revolutum Smith.
6362 - April 19, 1953 In thin soil on sandstone cliffs, Silver Falls, Glen Creek, 1 mile upstream from Allegany, C.

Trap 2 45', R. 10W. Petals white; anthers yellow.

Saxifraga muttallii Small.

Saxifraga muttallii

6363 - April 20, 1953 Crevice and moss mats on sandstone cliffs, Silver Falls, Glen Creek, 1 mile upstream from Allegany, C.

C., Oregon Trap 2 45', R. 10W. Petals white; anthers 10, orange. Plants mostly fruiting now.

Saxifraga lowellii Greene
6864, April 22, 1953: In thin wet soil on sandstone cliffs overlooking Hen Creek at Silver Falls, 11 miles upstream from Allegany Camp Co., Oregon. Twp. 24 S., R. 10 W. Perianths heavy, mottled with purples in a yellow-green background, **Fritillaria lanceolata Pursh**

**Fritillaria** (12)

6865, April 30, 1953: In moss mats and thin patches of soil on outcrops facing sandstone cliffs at Silver Falls, Glen creek, 11 miles upstream from Allegany Camp Co., Oregon. Twp. 24 S., R. 10 W. Flowers short-lived, mostly only one or a plant at a time, yellow, mottled with red. **Mimulus alsinoides Doug.** (12)
April 22, 1953

South 2-1/2 m. high, in open pine along East Fork of Willamette River, 5 miles upstream from Alleghany, Coos Co., Oregon. Twp. 24 S., R. 11 W. Coos River white; anthers cream.

*Sambucus racemosa L.*

*var. arboriscens* (T. & G.) Gray

4/4/1951

Disporum smithii (Hook) Piper

Disporum (2y)

Umbellularia californica Nutt.

Umbellularia pericarpal paleoecomy

April 30, 1953 - In pockets of gravel in sandstone cliffs over-looking the Mullicama River quickly above confluence with the Cow


Saxifraga mertensiana Bong.
16 - April 20, 1953 - In pockets of silicic sandstone cliffs overlooking the Willamette River 3 miles from its confluence with the Coastier, Clack Co., Oregon. Twp. 35 S., R. 11 W.

Flowers pale, commonly pink-like. Plants with the characteristic odor of the genus Valeriana, scouleri Rydb.

1871 - April 21, 1953. Burns 2-3 m tall in open second growth along the Siltcoos outlet, a mile from the ocean, Lane Co., Oregon. Twp. 19 S., R. 12 W.

Flowers pale pinkish. Leaves evergreen. Vaccinium ovatum Pursh

Vaccinium 2-3 m.
April 21, 1953. Shrub 2-3 m. tall in open second growth along the Siltens outlet, a mile from the beach, San Co., Oregon, 7 Twp. 19 S., R. 12 W. Flowers deep pink, almost red. Salicory.

Rubus spectabilis Pursh.

April 31, 1953. On partly stabilized sand dunes along the Siltens outlet, a mile from the ocean, 7 Twp. 19 S., R. 12 W. Flowers rich yellow, the broader leaves rather wide and narrow. 1-1.5 m. tall. Scotch broom. 0.3 m. Cytisus scoparius L.
April 21, 1953, in partly
shaded places along the tilting
outlet, a mile from the ocean,
Lane Co., Oregon, Twp. 195, R. 12 W.
Flowers pale pink, very bright,
lines.

Claytonia sibirica L.

Claytonia

5 April 21, 1953, flowers
among partly shaded dunes
along the tilting outlet, near
the ocean, Lane Co., Oregon, Twp. 195,
R. 12 W. Much-branched shrub, 1-2.5
m tall.

Salix hookeriiana B. Barrett

(16)
6876 - April 3, 1953. Same place as 6875. Shrub 2 m. tall. Flowers yellow.

(Rich.)

Lonicera involucrata \(^\text{Banks}\)

var. ledebourii (Esch.) Jeps.

Lonicera involucrata \(\text{R}\) 2 m.

6877 - April 3, 1953

Landy soil along Salton's outlet a mile from the ocean, San A. Carpen.

Twp. 19 S., R. 12 W., Shrub 1.5 m. tall. Flowers red.

Riles sanguineum Pursh
April 21, 1953

Brush along the Siletz outlet near the ocean, Lane Co., Oregon.
T. up 195. R. 12 W. Sandy soil.
1-3 m. tall. FLOWERS PINKISH. LEAVES EVERGREEN.

Gaultheria shallon Pursh

Sambucus racemosa L.
var. arborescens (T. & G.) Gray
Open pasture land overlooking the ocean, near mouth of Big Creek, north of Heceta, Lane Co., Oregon, Twp. 16 S., R. 12 W., Flowers light violet.

Viola adunca J. E. Smith

Iris tenax Doug. det. D. P. Rogers
June 22, 1945
Of c. pasture land or sloping the ocean, nearly mouth of Big Creek, north of Heceta, Lane Co., Oregon, Twp. 16 S., R. 12 W., R. T. S. 333.

**Castilleja littoralis Pennell**
dupl. det. Marion Ownbey

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**Castilleja**

L. 1503, Cyril 21, 23, Rosedale, just above the ocean, 2 miles N. 1/2 Big Creek, Lane Co., 6-7.24.
Twp. 16 S., R. 12 W., Wingsdale, standard weed, pink, purple, with a central pale area.

**Lupinus rivularis** Doug.

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Lupine (3)
Microseris gracilis (Hook.) Greene
var. humilior (Hook.)
Collinsia parriflora  

Collinsia parriflora  

6887 - April 25, 1953. Same place as 6885. Plants with a mild musky odor. Flowers white.  

Polemonium micranthum Benth.
68.8. May 5, 1958. To pockets of tea and an basalt debris at the east edge of Chains and Deschutes Co., Oregon Temp. 15 S, R. 13 E., S 15. Flowers varying from deep lilac-pink to pale lavender or nearly white. Elev. 3,000 feet.

Phlox douglasii Hook.

Var. rigida (Benth.) Pec. (19)


Ramunculus testiculatus Crantz
1896. April 25, 1893
Roadside wild near Ochoco Reservoir, Smiles east of Prineville, Crook Co., Oregon.
Flowers yellow.

Alyssum desertorum Stafn
dnp. det. R.C. Rollins
Alle Alysium

Common in sticky and clay that is stained with basaltic rocks, but not extending onto the adjacent, more typical soils. Research pure white.
Leucocrinium montanum Nutt.

File (plunge?) 35
Lomatium vaginatum C. & R.


Phlox douglasii Hook. var. rigida (Benth.) Peck

Lomatium douglasii
1894 - April 27, 1953
Sticky red clay flat (derived from volcanic tuff) along Bridge Creek, 7 miles northeast of Mitchell, Wheeler Co., Oregon.
Twp. 11 S., R. 21 E., S. 31, Elec. 2100.
Corolla yellow, with some red lines in the throat

Phacelia lutea (H. & A.) J.T. Howell
det. J.T. Howell

Hydropa phyll. 35

Flowers yellow.

Lepidium portulacatum L.

Rays 3-6, typically 5, white, with purple veins beneath.

Blepharipappus scaber Hook.

\[ \text{Blepharipappus scaber} \]

6897. April 28, 1933. Same place. Rays 2-5, white.

Lavina glandulosa (Hook.) H. & A.

\[ \text{Lavina glandulosa} \]

Descurainia pinnata (Walt.) Britt. subsp. filipes (Craib) Detling dup. det. R.C. Rajini

Distributed 25

6899 - April 28, 1953. Same place as 6898. Flowers white.

Thysanocarpus curvipes Hook.
Elev. 2200'. Flowers white.

Plagiobothrys cognatus (Greene)

Plagiobothrys


Cryptantha pterosperma (Torr.) Greene
1902 - April 28, 1953. Open grassy slope near Jelrite mine,
Painted Hills, 10 miles northwest of Mitchell, Wheeler C., Oregon,
Twp. 10S, R. 21E., S. 31. Flowers
crate - lavender.

Gilia sinuata Doug.  

1903 - April 30, 1953.
Rocky slope along railroad against plots on southeast base B
Eastman Mt., 10 miles northwest of Mitchell, Wheeler C., Oregon.
Twp. 10S, R. 21E., S. 32. E. 21/2.
2100'. Branch tipped with pale
cream - yellow, sometimes
purple - pink, red. Sulfur and gran,
Castilleja xanthostachia, Pennell

2100'. Branch tipped with pale
cream - yellow, sometimes
purple - pink, red. Sulfur and gran,
Castilleja xanthostachia, Pennell
det. Marion Owens
Castilleja 3D

6904 - April 30, 1953 - Mitchell, Umatilla


Zygadenus paniculatus (Nutt.) Watt.

Astragalus pusshii Douglas
var. glaucous (Douglas) Barnaby
det. R.C. Barnaby

Pediocactus simpsonii (Engelm.) Britt., K. Ros. 

Mammillae: ? (3)


Hutchinsia procumbens (L. 1630)
det. R.C. Evans

Chaenactis neriiflorus Gray

Chaenactis neriiflorus 3

6913. May 2, 1952. Same place as 6912. Flowers bright yellow.

Cleome platycarpa Torr.
1914 - May 2, 1953 - Open rocky clay slopes along Bridge Creek, 3 miles northwest of Mitchell, Wheeler Co., Oregon. Twp. 11S, R. 11E. S. 1. Ele. 2100'.
Corolla bright orange, marked with red in the throat.
Amsinckia lycopoides lehms.

Amsinckia 35

1915 - May 21, 1953 - Same place as 1914. Corolla pale pink to lavender.

Allium tolmiei Baker ex Wats. var. tolmiei
dupl. det. Marion Ownbey

Allium tolmiei 35

Carolla white or sometimes very faintly pinkish.

* Lewisia rediviva Pursh *

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Tall 1 - 2 m. tall, Carolla slight butter yellow. *

* Purshia tridentata (Pursh) DC.*
6918. May 3, 1933

Rhododendron


Delphinium bicolor Hutt.

Delphinium 35


Microseris troximoides Gray

Microseris - perennial 35

**Microseris linearifolia**
(Nutt.) Schultz-Bip.


**Agoseris heterophylla** (Nutt.) Greene

**Agoseris heterophylla** 35
1922 - May 4, 1953. Same place as 6914. Flower, Elec. 2100. Flowers very pale lavender, almost white.

Plectritis macrocerata S. & E.

Plectritis 10

Flowers violet-purple. Plants uprooted, with several or many stems.

Astragalus Conjunctus Wats. [det. R.C. Barnaby]

Astragalus 35
C924 - May 5, 1953 - Same place in C923. Bracts tipped with pale cream, almost white, sometimes also slightly pinkish.

Castilleja xanthotricha. Pennell

dipl. det. Marita Emberg

Castilleja xanthotricha (16)


Heuchera ovalifolia Nutt.
var. orbiculatus R. B. & L.
1926- May 5, 1953 - Osborn slope
between Burnt Ranch and
Muddy Ranch, Jefferson Co.,
Oregon, Twp. 9S., R R. 5, S 1/2,
Ele. 2300'. Flowers yellow,
matutinal.

Microseris linearifolia (Mutt.)
Schultz-Bip.

Microseris ④

1927. May 5, 1953. Disturbed
red clay soil along the roadside
between Burnt Ranch and Muddy
Ranch, Jefferson Co., Oregon, Twp. 9S.,
R 19E., S 1/2. Ele. 2300'. Flowers yellow.

Erysimum repandum ①

dupl. det. R.C. Roman

Erysimum ⑤
Elev. 2100'. Flowers yellow.

Cleome platycaudata Torr.

Scutellaria angustifolia Pursh

Scutellaria
1930 - May 5, 1953 - Low place in sticky clay, near Currant Creek, 2 or 3 miles west of Muddy Ranch, Wasco Co., Oregon. Twp. 8 S, R 18 E, Elev. 1500'. Flowers white.

Plagiobothrys cognatus (Greene). Johnst.

Plagiobothrys (33)

1931 - May 5, 1953 - Coveo, much branched stems 1.5 cm. tall on open, rocky slope along Currant Creek, 30 ft. mile west of Muddy Ranch, Wasco Co., Oregon. Twp. 8 S, R 18 E. Elev. about 2000'.

Celtis douglasii Planch.

Celtis 8

Sthenophragma pumiflora (Nutt.) Mutt.

Sthenophragma 3 - 16. white
6933. May 5, 1953 - Same place as 6932. Flowers pink.

Phlox longifolia Nutt
var. Compacta (Brand) Peck
1934 May 5, 1933 - In rocky clay
mudal on higher ridge
between Antelope and Muddy Ranch,
Wasco Co., Oregon. Twp. 7 S., R. 18 E.

Red Yarrow. Flowers pink,
the wings and keel deeper than the
latter.

Trifolium macrocephalum (Pursh)

Trifolium 30

1935 May 5, 1953 - Rockey clay
mudal 3 miles north of Shaniko,
Wasco Co., Oregon. Twp. 7 S., R. 16 E.

Flowers white

Allium macrum S. Wats.
det. det. Marion O. Conboy

Allium madidum 35
6936 May 6, 1953. In sticky red clay derived from a local outcrop of basaltic tuff, about 2 miles north of Llano Alto, Jefferson Co., in Pk.

Twp. 95, R. 15 E. Elev. 2000 ft, 2500'. Flamesyellow.

Cleome platycarpa Torr.

Casper #6

May 6, 1953. Same place as 6936. Flamesyellow.

Phacelia lutea (H. & A.) J. T. Howell

def. J. T. Howell

1 Hyperophyll 5

(H. & A.) J. T. Howell

1
6-38 - May 6, 1953 - On a scale outcrop of partly weathered volcanic stuff, about 3 miles south of Willendale, Jefferson Co., Oregon.

Flowers blue.

Lupinus lpidus Doug.
var. aridus (Doug.) Jeps.

Lupine (12)


Rays blue-lavender or sometimes pink.

Erigeron poliospermus Gray
var. poliospermus

Erigeron poliospermus (26)
C 9-6 - May 6, 1953 - Among scattered
wrecks on flats about 3 miles south
of Willendal, Jefferson Co., Oregon.
Temp. 95°, R. 15 E. Elev. about 2000-2500
Ray's white, 2-5, typically 5.

Layia giandulosa (Hook. f) H. & A.

Layia giandulosa

6941 - May 6, 1953 Roadside
about 3 miles south of Willendal,
Jefferson Co., Oregon. Temp. 95°,
R. 15 E. Elev. about 2000-2500
Cylilla yellow, with lunularic
markings in the throat.

Amsinckia intermedia Fisch. + May.
$5.00 reward for return to:

Arthur Cronquist
New York Botanical Garden
Bronx Park
New York 58, N.Y.