

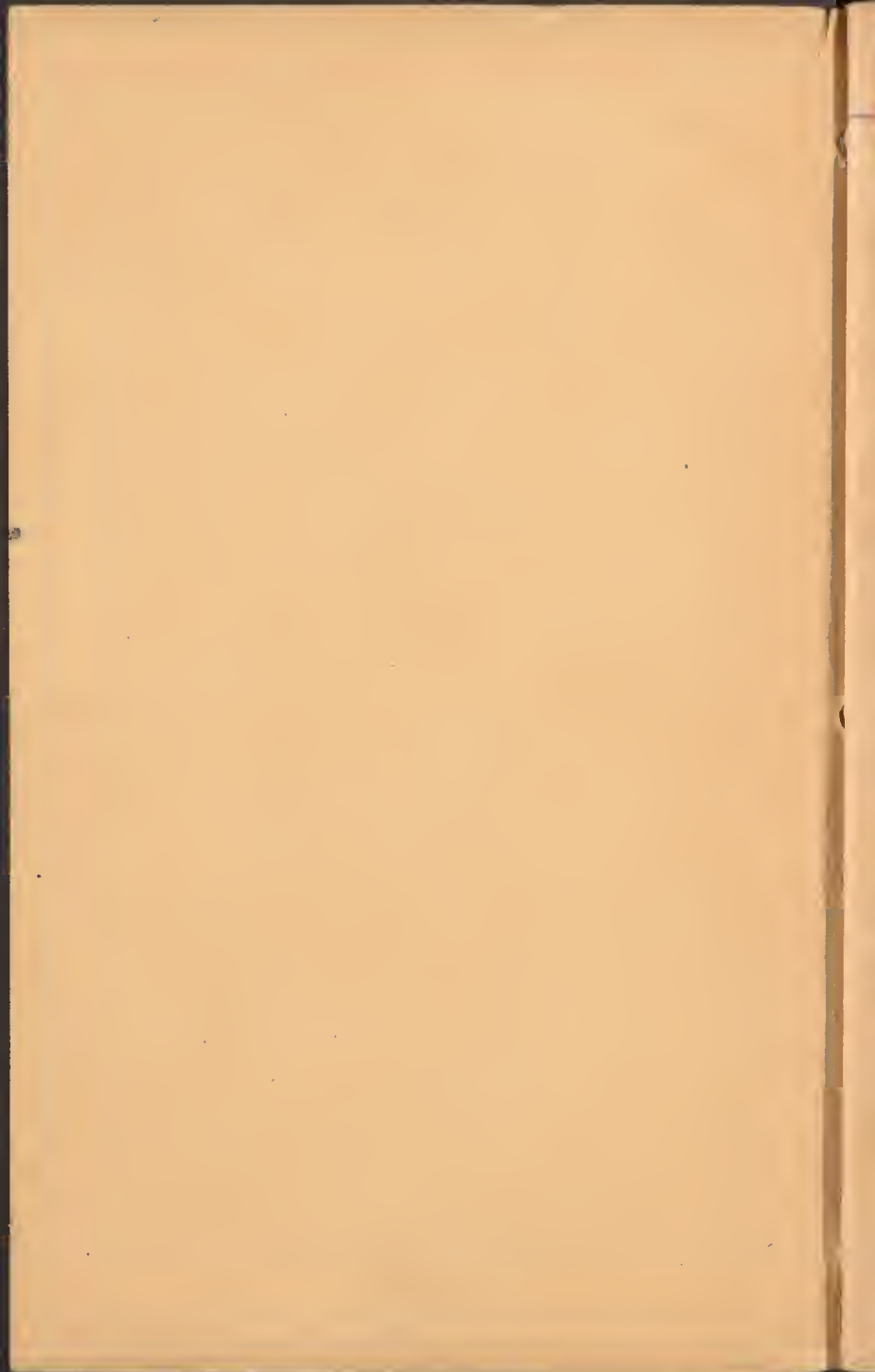
Botanical Collection

1840.

Allen Watson

Watson

N-15a



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92

82

91

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July 13th Beaver Canon, Idaho.

Rosa

Mertensia lanceolata, DC., var.

1. Eriogonum bicoloratum, Watson.

~~Chenopodium~~

Thonolepis chenopodioides, Mey.

Koeleria cristata, Pers.

2. Astragalus junceus, Gray

Trifolium longipes, Nutt.

2. Gayophytum racemosum, T. & G.

Eritia liniflora, Benth.

Allium Geyeri, Watson

Melica bulbosa, Geyer

3. + Allium brevistylum, Watson

+ Astragalus campestris, Gray

+ Penicillium simplex, Nutt.

4. Symphoricarpos racemosus, Mx.

Allium reticulatum, Frazer

Festuca occidentalis, Hook.

= Helianthella lanceolata

= Wyethia amplexicaulis

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2.

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33.

4

37

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87

94

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- July 13th - over ridge to Sawmill. ✓
5. *Clematis douglasii*, Hook. ✓
- " 14th - "Red Rock P.O." ✓
6. *Rosa blanda*, Nutt., v. *setigera*, Crp. ✓
- " 15th - Shimboguis cañon. ✓
7. *Draba alpina*, L. ✓
7. *Cheilanthes lanuginosa*, Nutt.
8. = *Iris Missouriensis*, Nutt.
- = *Eritrichium glomeratum*, DC., v. *humile*, Gr.
9. *Pentstemon gracilis*, Nutt.
- " *Menziesii*, Hook., var. *Scouleri*, Gray.
4. = *Anemone multifida*, DC. ✓
- 7 10 *Stanleya viridiflora*, Nutt. ✓
- Mentzelia dispersa*, Watson ✓
- = *Arnica foliosa*? ✓
- July 16. - *Tronimus* bottom. ✓
- 11 *Musenium brachyspermum*, Nutt. ✓
- Astragalus terminalis*, Watson, n. sp. ✓
- 12 = *Oxytropis nana*, Nutt. ✓
- =

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68.

11.

19

88

93

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21.

83

- July 17th - Fortinos Cañon, 5 peaks
- 13 *Carex utricularia*, Nutt.
- Geranium Richardsonii*, F. & M.
- 14 *Synthyris pinnatifida*, Watson
Ranunculus glacioviridis, Hook.
Valeriana sylvatica, Rich.
- 15 *Polemonium confertum*, Gray
Mertensia paniculata, DC.
Myosotis sylvatica, Hoffm., var. *alpestris*, Koch
Pedicularis contorta, Nutt.
- 16 *Aquilegia caerulea*, James
Astragalus Pallisieri, Gray
Oxytropis Lambertii, Pursh
Allium brevistylum, Watson
- July 18th - Shimborg's Ranch
- 17 *Oenothera caespitosa*, Nutt.
- " 19th - ~~Grass Valley~~ ^{Ridgeway} ~~Grass Valley~~ ^{Barrook City}
- 18 *Delphinium Menziesii*, DC.
Trifolium Beckwithii, Bower
- 19 *Phacelia glandulosa*, Nutt.

-
35

34

32

59.
33.

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39

- July 19th - Ridge above Barnook City. ✓
- 20 *Sisymbrium linifolium*, Nutt. ✓
- " *incisum*, Engelm., v. *filipes*, Gray ✓
- Castilleja pallida*, Kth., var. *Haydeni*, Gray?
- = *Eriogonum Kingii*, Torr.
- 21 ~~*Draba*~~ *Viscaria alpina*, Nutt. ✓
- = *Hendersona cylindrica*, Dougl. ✓
- 22 *Cymopterus tenbinthines*, Torr., var.?
- = *Lewisia rediviva*, Pursh. ✓
- 23 *Draba alpina*, L. ✓
- Polembella glandulosa*, Lindl., v. *Stuedemii*, W.
- Allium commune*, Roth
- " *reticulatum*, Franch.
- July 20th - Grasshopper Valley - to Odells. ✓
- 24 *Judypodium sagittatum*, Endl. ✓
- Trifolium Beckwithii*, Brown ✓
- = *Allium Schoenoprasum*, L.
- Carex marida*, Roost.
- " *filiformis*, L., v. *latifolia*, Böckl.
- =

Salix Geyneriana, Andrs.

" — ?

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21.

83

76

7.

- July 21. - Grasshopper valley - E Odells J
- 26 Delphinium Menziesii, DC. J
 Valeriana edulis, Nutt. J
 = Rosa
- 27 Cordylanthus ramosus, Nutt. J
 = Trifolium Beckwithii, Brown J
- 28 Thermopsis montana, Nutt. J
 = Saxifraga integrifolia, Hook. J
 Tellina ~~umbellata~~ ^{parviflora}, Hook. J
 29 Fragaria Virginiana, Ehrh. J
 Eriogonum umbellatum, Torr. J
 Zygodanus paniculatus, Watson J
- July 21st - At Odells, Bald Mountain. J
- 30 Urtica Breweri, Watson? J
 = Thalictrum occidentale, Gray J
- 31 Epilobium affine, Bong. ? J
 = Vaccinium Myrtillus, L., v. microphyllum, Hook. J
 Phlox longifolia, Nutt. J
- 32 Veronica alpina, L. J
 Pedicularis contorta, Benth. J
 Salix — ?
 Salix — ?

—
33

b

44.

55.

54.

July 22 - Bad Mountain. ✓

Potentilla dissecta, Pursh ✓

33. *Ribes viscosissimum*, Pursh. ✓

Castilleja miniata, Dougl.

Erythronium grandiflorum, Pl., v. ^{var.} *majus*

3 *Draba alpina*, L. ✓

b *Smilowetia calycina*, Meyer ✓

34 *Phlox caespitosa*, Nutt., v. *condensata*, Gr.

Polemonium confertum, Gray

Eritrichium nanum, Schrad., v. *anchroides*,
Herd. ✓

= *Leum Rossii*, Ser.

35 *Douglasia montana*, Gray

14. *Silene acaulis*, L. ✓

Synthlipsis pinnatifida, Watson

1. = *Arenaria verna*, L., var. *hirta*, Watson ✓

1. " *biflora*, Watson, var. *obtusca* ✓

36 *Mertensia alpina*, Don.

Poa

=

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76

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49
51

- July 23^d - Grasshopper valley - Camp. ✓
- 37 *Lupinus aridus*, Dougl. ✓
Muscium Frachyspermum, Nutt. ✓
Hesperochiron Californicus, Watson
= *Galium bifolium*, Watson ✓
- 38 *Carex canusca*, L., v. *alpica*, Willd.
" *filiformis*, L., v. *latifolia*, Bäckl.
= *Pedicularis contorta*, Benth.
- 39 " *Groenlandica*, Retz.
- 40 = *Mythia helianthoides*, Nutt. ✓
= *Cerastium arvense*, L. ✓
Stellaria longipes, Goldie ✓
- 41 *Pencidanthum triternatum*, Nutt. ? ✓
Orthocarpus luteus, Nutt.
Sisyrinchium mucronatum, Moq
= *Agrostis scabra*, Willd.
- 42 *Danthonia Californica*, Bol.
Koeleria cristata, Pers.
= *Festuca occidentalis*, Hook.
- 43 ^{Poa}
Triticum caninum, L., var.
Calamagrostis sylvatica, DC., var.

July 25th - Trail Creek Prairie,

10

42

July 24th. - Big Hole Valley & Battle ground. ✓

44 *Panicum tritonatum*, Nutt. ? ✓
Orthocarpus
~~*Candollea*~~ *tennifolius*, Nutt.

=
45 *Arisia Gordonii*, Torr. ✓
Alopecurus probensis, L.

=
46 *Eriophorum polystachyum*, L.
Carex utriculosa, Boott

Camassia esculenta, Lindl.
= *Aira caespitosa*, L., var.

Triticum repens, L.
47 *Hordeum nodosum*, L.

Poa

48 = *Frasera albicaulis*, Dougl.

= *Ranunculus alismifolius*, Geyer, var. ✓

49 *Viola canina*, L., var. *superioris*, Regel ✓
Sedum steno-petalum, Pursh. ✓

Eriogonum flavum, Nutt

50 = *Pentstemon confertus*, Dougl., var.

= *Androsace filiformis*, Rehg.

51 *Carex Geyeri*, Boott

Corvus attonigera, Mx

Acrida flabrum, Torr.

3.

Base of descent - Moon Camp

63.

- July 26th - Trail Creek Divide. ✓
- 52 *Xenophyllum* ✓
 Livorn
- " " = descent to Ross' Hole. ✓
- 53 *Pentstemon ovatus*, Dougl. ✓
- 54 = *Rosa gymnocarpa* ✓
3. = *Clematis verticillaris*, DC. ✓
- 55 *Linnaea borealis*, Gron. ✓
- Pyrola chlorantha*, Sw., v. *occidentalis*, Gr. ✓
- Pedicularis racemosa*, Dougl. ✓
- = *Spiraea betulifolia*, Pall. ✓
- 56 (*Asellia*) *Physocarpus opulifolius*, Maxim. ✓
- Rubus Nutkanus*, Moq. ✓
- 57 = *Hypericum Scouleri*, Hook. ✓
- Campanula rotundifolia*, L. ✓
- = *Rosa*
- 58 *Glycosma occidentale*, Nutt. ✓
Brennelia vulgaris, L.
- 59 = *Angelica Lyallii* = Lyall, Salt. Mts. ✓
 when
- = *Rosa*
- 60 *Shepherdia Canadensis*, Nutt. ✓
- =

56.

3

67.

Canyon from Ross' Hole to Bitterroot-Valley

26

10

July 26th - Descent to Ross' Hole - noon camp

- b. . *Artemisia lateriflora*, L. ✓
- 61 *Gentiana Anaxella*, L., v. *acuta*, Watson
Carex aurea, Nutt.
- 62 = *Geranium rivale* ²
= ~~*maackii* Nutt., Willd.~~ ✓
= *Sedum Douglasii*, Hook. ✓
- 63 *Pyrola rotundifolia*, L., v. *incarnata*, DC
3. = *Clematis verticillaris*, DC. ✓
7. 64 *Sphaeralcea ~~viridaris~~ acrifolia*, Nutt. ✓
Rosa
= *Sanicula Marylandica*, L. ✓
- 65 *Panicum* ✓
= *Corydalis aurea*, Willd., var. *occidentalis*, Gray ✓
Mentzelia dispersa, Watson ✓
- 66 *Chenopodium Fremontii*, Watson
= *Thlaspi alpestre*, L. ✓
- 67 *Collinsia parviflora*, Dougl.
Allium commune, Roth.
Phleum pratense, L.
= *Ficula multifida*, Gray ✓
- 68 *Pentstemon densatus*, Dougl.
Sedumella rupestris, Spring

15

-
45

Rock Creek Camp.

53.

July 26th - Cañon from Rossi Hole to Kitterroot -

- 69 *Phitadelphus Lewisii*, Pursh ✓
= *Pentstemon ovatus*, Dougl.
70 = *Ranunculus multifidus*, Pursh ✓
71 *Echinosperrum diffusum*, Schum.
= *Symphoricarpos racemosus*, Mx. ✓
72 *Gilia liniflora*, Bth., v. *phosnacoides*,
E. v.
Eritrichium muriculatum, Torr.

July 27th ^{Upper} - Kitterroot Valley ✓

- 73 *Silene Menziesii*, Hook. ✓
Monarda fistulosa, L., v. *mollis*, Bth.
= *Fritillaria atropurpurea*, Nutt.
74 *Convallaria sessilifolia*, Nutt.
= *Symphoricarpos racemosus*, Mx., v. *paniciflorus*,
Robbins ✓
75 = *Stelaria capillaris*, Poir. ✓
Rosa
Mimulus floribundus, Dougl.
= *Rosa*
77 *Centunculus minimus*, L.
Athorarpus tenuifolius, Benth. ✓
= *Epilobium suffruticosum*, Nutt. ✓
78 *Pedemonium cœnulum*, L., var.

5

1.

23

Ridge above Missoula

July 29th Bitterroot Valley

- 79 *Asclepias speciosa*, Torr.
Brodiaea Douglasii, Watson
= *Monarda fistulosa*, L., v. *molleis*, Bth.
80 *Polemonium pauciflorum*, Pursh
" *marianum*, L., v. *occidentale*, Robbins
81 = *Stironema ciliatum*, Raf.
5 82 = *Anemone cylindrica*, Gray
= *Carex straminea*, Schk.

Aug. 2^o - Missoula to Government Cañon

1. 83 *Clematis ligusticifolia*, Nutt. ✓
= *Cornus pubescens*, Nutt. ✓
Echinosperrum Redowskii, Ledeb., v. *occidentale*, W.
84 *Sambucus racemosa*, L., var. *pubens*. ✓
~~pubens, Nutt.~~
Rosa blanda, Ait., v. *schimper*, Crisp.
3 = *Actaea spicata*, L., var. *rubra*, Ait. ✓
85 *Plantago eriopoda*, Torr.
86 = *Angelica Lyallii*, Watson - n. sp. ✓
= *Hemlockia cylindrica*, Nutt. Dougl. ✓
87 ~~*Symphoricarpos rubra*, Benth.~~ ✓
Hieracium Scouleri, Hook., var.
Habenaria Unalascensis, Watson
Woodsia Oregona, Eaton

-
-b.

Missona

-
86

Small redfish in 2 - 100 g

7

- Aug. 2. - Ridge above Missoula ✓
- b. 88 Sitene Oregon, Watson ✓
- 89 = *Syrthyris rubra*, Benth.
90. 4th = *Convolvulus* ~~sp.~~ *sepinum*, L.
- " " = *Missoula* to Frenchtown ✓
- b. *Astragalus Mortonii*, Nutt. ✓
- 91 *Symphoricarpos occidentalis*, Br. ✓
- Pentstemon confertus*, Dougl., v. *purpureus. candelae*, Cr.
- 92 = *Stachys palustris*, L.
- = *Myriophyllum spicatum*, L. ? ✓
- 93 *Potamogeton perfoliatus*, L.
- " *mainus*, L., v. *occidentalis*, Robbins?
- = *Scutellaria galericulata*, L.
- 94 *Potamogeton pectinatus*, L. ?
- Carex filiformis*, L., v. *latifolia*, Hook.
- 95 = *Juncus tenuis*, Willd.
- 7 96 = *Thalictrum occidentale*, Gray ✓
- = *Polygonum Convolvulus*, L.
- 97 *Phalaris arundinacea*, L.
- 98 = *Scrophularia Californica*, Cham.
- Polygonum Muhlbergii*, Watson

61.

69

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30

89

Sunday camp.

Aug. 5th - Granite Cañon, Missoula

- 99 Claytonia cordifolia, Watson - n. sp. ✓
Trillium ovatum, Pursh. ✓
Phegopteris dryopteris, Fée. ✓
100 = Tiarella unifoliata, Hook. ✓
101 = Linnæa borealis, Gronov. ✓
Monarda uniflora, Gray ✓
102 = Arceuthobium douglasii (L. Sp.) ✓
? ✓
= Pachyptima myrsinites, Raf. ✓
Lonicera Utahensis, Watson ✓
Chimaphila umbellata, Nutt. ✓
Lycopodium annatinum, L. ✓
= Vaccinium myrtilloides, Hook. ✓
Calochortus — ?

Aug. 6th - Rattlesnake Cañon, Missoula ✓

- 105 Henchera cylindrica, Dougl. ✓

" 7th - Hillgate Cañon. ✓

- 106 Arabis — ? ✓

- Astragalus microcryptus, Gray ✓

- 107 = Cornus stolonifera, Mx. ✓

=

41.

38

Ridge between Hellgate & Big Blackfoot rivers. 4

85

Big Blackfoot Valley

46

Jocko Range

95

14.

Jocko Lake

Aug. 8th - Hellgate Canon - Sunday Camp

1. *Vicia Canadensis*, L. ✓
Phalaris arundinacea, L.
109. 9th = *Peucedanum ambiguum*, Nutt. ✓
Triticum caninum, L.
110 = *Platystemon triphyllus*, Dougl.
Munroa squarrosa, Torr.
111 = *Euphorbia dichosperma*, F. & M.
= *Thelypodium integrifolium*, Engelm. ✓
112 *Ceanothus coccineus*, Spach. ✓
113. 10th *Anemone multifida*, Poir. ✓
114 = *Stenanthium occidentale*, Gray
115 = *Astragalus adenogynus*, Pall. ✓
" 11th = *Silene Oregona*, Watson ✓
116. 12. *Utricularia vulgaris*, L.
Marsilia vestita, Hook. & Grev.
117. 13th = *Xerophyllum tenax*, Nutt.
118 = *Hedycarum boreale*, Nutt. ✓
= *Ranunculus Nelsonii*, Gray ✓
119 *Mimulus Lewisii*, Pursh
120 = *Gilia ~~lanceolata~~ ^{debilis} Watson*
albicaulis, A. N. S. P.

Lolo Peak -

23

70

Lolo Creek Cañon - Horn Camp

23

77

Aug. 13th - Jocko Cañon.

- 121 *Silene douglasii*, Hook. ✓
Lophanthus verticillifolius, Nutt.
= *Saxifraga bronchialis*, L. ✓
122 *Polemonium humile*, Willd.
= *Spiraea discolor*, Pursh. ✓
123 *Spiraea discolor*, Pursh. ✓
124 *Lonicera ciliosa*, Poir. ✓
1

Aug. 17th - Lolo Peak camp

- 125 *Fragaria virginiana*, Duch., v. *Missouriensis*,
Cov. ✓
126 *Corallophila multiflora*, Nutt. ✓
127 *Habenaria Alutascensis*, Watson ✓
Goodyera Menziesii, Lindl. ✓
= *Aconitum Columbianum*, Nutt. ✓
128 *Rhamnus albigula*, Mx. ✓
Veratrum viride, Ait. ✓
129. 19th *Boykinia major*, Gray ✓
= *Aconitum Columbianum*, Nutt. ✓
129 *Lupinus Burkei*, Watson ✓
Spiraea Douglasii, H. v. *Menziesii*, Presl ✓
Spiraea verticillifolia, Nutt. ✓
Cornus Canadensis, L. ✓

Warm Spring meadow.

51

62.

64.

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58.

11.

13

43

Aug. 19th - Lolo Look Canon - Iron Camp.

130. *Mertensia paniculata*, Don
Carex festiva, Des., v. *pacifica*, Gray
= *Stellaria longipes*, Goldie
1. *Claytonia linearis*, Dougl.
2. *Hypericum anguloides*, Ch. & Sell.
4. 131 *Galium bifolium*, Watson
Veronica scutellata, L.
Carex canescens, L., v. *alpicola*, Wahl.
- Aug. 20th - Near Lolo Pass divide, Idaho.
5. *Sagina linnaei*, Presl
Ligusticum apiculatum, Gray?
132 *Collinsia pariflora*, Dougl.
Veronica serpyllifolia, L.
Streptopus amplexifolius, Gr.
133 = *Menziesia glabella*, Gray
= *Mitella pentandra*, Hook.
134 *Clintonia uniflora*, Kth.
1. = *Ranunculus alismifolius*, Gray
3. v. *alismifolius*, Gray
3. 135 " *Orthochychnus* ~~Hook.~~
3 *Viola sarmatensis*, Dougl.

Sambucus racemosa, L., var. *pubens* 17

57.

61.

At Clear Water

Shady ridge - north slope 20

Snow Camp - Aug. 21st 31

43.

29.

First Peak -

53.

Aug. 20th - Below Lolo Divide, Idaho

7. *Frodlinea laxus*, Salisb. ✓
7. = *Arenaria macrophylla*, Hook ✓
1. *Claytonia cordifolia*, Watson ✓
127 *Mitella pentandra*, Hook. ✓
Polemonium humile, Mill.,
var. *pulchellum*, Gray
138 = *Pyrola secunda*, L. ✓
0 139 = *Aquilegia flavescens*, Watson ✓
31 . 21. ^{ex} = *Arabis* —? ✓
Potentilla glandulosa, Lindl. ✓
140 " *" gelida*, Meyer ✓
" *Viola carmentosa*, Dougl. ✓
Bryanthus empetrumiformis, Gray
9. = *Arabis Lyallii*, Watson ✓
141 *Polygonum polymorphum*, Ledeb. ✓
Eriogonum flavum, Nutt.
142 = *Pentstemon attenuatus*, Dougl. ✓
= *Arenaria capillaris*, Poir. ✓
Phlox Hoodii, Rich.
Synthlipsis reniformis, B.H., v. *major*,
Hook.

12

52

6

Camp Peak

Indian Camp

80

Ridges above Clear Water

146

Prunus amarginea, Gray, var. *molle*, etc.

72

Aug. 21st - Lolo Trail - Ridges

- 2 *Ranunculus officinis*, Br. ✓
 2 114 *Arenaria congesta*, Nutt. ✓
Ferrula multifida, Gray ✓
 8 2 = *Anemone nemorosa*, L. ✓
Epilobium organifolium, Lam. ✓
 " 22 = *Lupula spadicica*, DC., var.
 " 23 = *Lupinus Lyallii*, Gray, var.? ✓
 147 *Boykinia major*, Gray ✓
Calochortus elegans, Pursh, v. *nanus*, ^{Wats.} ✓
 = *Lonicera Utahensis*, Watson ✓
 148 *Pedicularis contorta*, Benth.
Asarum canadense, Lindl.
 149 = *Corydalis Cusickii*, Watson ✓
 " 24 = *Coptis occidentalis*, Nutt. ✓
 150 *Rhododendron albiflorum*, Hook.
Pyrola secunda, L.
Corallophila Mertensiana, Bong.
 151 25 = *Pentstemon confertus*, Dougl., v. *cer. purp.*, Gray ✓
 = *Ceanothus sanguineus*, Pursh ✓
Rubus nivalis, Dougl. ✓
 152 *Rosa oppositifolia*, Nutt.
Pyrola picta, Smith - *dentata*

Fish Camp.

74

76

75.

68.

Meadow

Marvin's Ranch

81

Clearwater Plateau

Pomoxis nigricans, Dreyf., n. sp. - King's Lake

44.

Lost Creek

Near Rockford - noon

Pomoxis demissa, Walp. - Lake Coeur d'Alene

Upper Spokan Valley, near Ft. Coeur d'Alene

Lake Coeur d'Alene

84

Aug. 25th - Lolo Trail - at Creek

- 153 *Trantheletia grandis*, Nutt. ✓
Thermopsis montana, Nutt. ✓
= *Sidalcea malvaeflora*, Gray, var. ✓
(*S. virgata*, Gray)
154 *Geranium Richardsonii*, F. em. ✓
Aster paniculatus, L.
26 = *Frasera thyrsoiflora*, Hook. ✓
= *Calochortus nixoides*, Dougl. ✓
= *Trifolium altissimum*, Dougl. ✓
Gilia intertexta, Steud.
Pentstemon ~~*attenuatus*~~ ? - var. *P. albidus*
Veronica ~~*serpyllifolia*~~ *serpyllifolia*, L.
Veronica Americana, Schwein.
158 27 = *Silene Scouleri*, Hook. ✓
159 = *Epilobium paniculatum*, Nutt. ✓
160 29 = *Proserpinaca Oregona*, Watson ✓
Sept. 1 = *Synthyris rubra*, Benth. ✓
161 *Polygonum polygaloides*, Meisn. ✓
" 2 = *Eriogonum niveum*, Benth. ✓
162 *Arceuthobium robustum*, Engelm. ✓
163 = *Hosackia decumbens*, Benth. ✓
Carex Sabina, Wahl., v. *minor*, Benth.

Near Coeur d'Alene Mission

in schizocarpa, stem b.

Coeur d'Alene Cañon.

St. Regis Cañon, Milk Ranch

7.21 - Coeur d'Alene Cañon.
Rhynchospora aluticaria, Alut.
acutifolia

Lower Bitterroot Cañon

Spokane Falls

50.

Fort Colville

60.

Sept. 2. Cœur d'Alene Lake.

Douglasia elegans, Torr.

Rosa gymnocarpa, Nutt.

Woodia Oregona, Eaton

165 4. = *Spiraea Douglasii* Hook., v. *Menziesii*, J. Presl

" 6 = *Fatsia horrida*, Benth. & Hook.

166 *Pentstemon confertus*, Dougl.

167 " 9 = *Physocarpia parviflora*, Nutt.

Prozosteria trachycarpa, Watson

168 " 9th = *Pentstemon Menziesii*, Hook., v. *Scouleri*, Gray

169 " 17th = *Stellaria Chama coronata*, Zig., v. *Braunii*, Dougl.

" 24th = *Stellaria borealis*, Big.

170 *Mimulus floribundus*, Dougl.

Salix

= *Polygonum Tenne*, Mx.

171 *Eriogonum nivium*, Dougl.

" 25th *Claytonia sibirica*, L.

" 27th *Hosackia Parshiana*, Bth

Sparganium minimum, Benth.

173 " 29th *Rosa*

"

= *Rubus strigosus*, Mx.

Mitella trifida, Crab.

24)

Old Fort Colville

24.

River bed

79

Near Kettle Falls

42.

Sept. 29th - Fort Colville

- 175 - Rosa bland-, Nutt.
" " gymnocarpa, Nutt.
4) Oct. 2 = Berberis Aquifolium, Pursh. J
177 Downingia elegans, Torr.
" 3 = Fragaria Virginiana, Ehrh., v. *Albinoensis*, Gr. J
Sedum strobiliferum, Pursh J
Tanacetum
178 "
"
Equisetum laevigatum, A. Br.
4) " = Berberis Aquifolium, Pursh J
" = Astragalus miser, Gray J
180 Lupinus minimus, Dougl. J
9 " = Vida carvina, L. var J
2. " Brunella vulgaris, L.
181 Castilleja miniata, Dougl.
" Eritrichium Californicum, D.
182 Phytostegia parviflora, Nutt.
" Aster campestris
" = Pentstemon Richardsonii, Dougl. J
183

Okanagan River

Columbia River bank, ^{below} mouth of Okanagan

" " , above mouth of Chilam

" " below the Ethlam - east side ^{63.}

24

" " opposite the Muckee ^{66.}

Oct. 3^o - Kettle Falls to Ft. Colville

- 154 *Gratiola Virginiana*, L.
- 155 9 = *Godiera Menziesii*, Lindl.
- 156 10 = *Rosa*
- 157 10 = *Potamogeton gramineus*, L.
- 158 10 = " *louchites*, Hook.
- 159 10 = " *pusillum*, L.
- 160 10 = " *pectinatus*, L.
- 161 11 = *Eriogonum compositum*, Dougl.
- 162 12 = *Phlox linearifolia*, Gray
- 163 12 = *Pentstemon Richardsonii*, Dougl.
- 164 12 = *Monardella*
~~scutellaria~~ *odoratissima*, Nutt.
- 165 12 = *Chenopodium leptophyllum*, Nutt.
- 166 12 = *Hypericium Scouleri*, Hook.
- 167 12 = *Eriogonum elatum*, Dougl.
- 168 12 = *Cheiranthus Menziesii*, Nutt.
- 169 12 = *Monardella odoratissima*, Nutt.
- 170 12 = *Pentstemon Richardsonii*, Dougl.
- 171 14 = *Malvastrum Minroanum*, Gray
- 172 14 = *Eriogonum compositum*, Dougl.
var. *simplex*
- 173 14 = *Tharalia vestita*, Hook. & Grev.

f. Acer microphyllum, Ph.

25

Yakima Valley - mouth of Swank

Yakima Pass.

16

73

Oct. 16th - Ridge above Peshaston Cañon

- 194 *Douglasia* ^{*Dumbata*} _{n. sp. ?}
- 5 " = *Berberis nervosa*, Pursh J
- " 17 *Eriogonum thymoides*, Benth.
- Allium acuminatum*, Hook
- 197 " 19 *Gaultheria Shallon*, Pursh
- 198 = *Spiraea Aruncus*, L. J
- = *Ribes bracteatum*, Dougl.
- = *Tiarella unifoliata*, Hook. J
- 199 *Fabaria horrida*, Benth. J
- Vaccinium parvifolium*, Sm
- Monotropa hypopitys*, L.
- b " 20 = *Caltha biflora*, DC. J
- 200 *Leptanthera pyrolifolia*, R. Br. J
- Carex veitchii*, L.
- Lepichiton Kamtschatcensis*, Schott
- 201 = *Sedum divergens*, Watson - n. sp. J
- Pentstemon Menziesii*, Hook.
- = *Rubus ursinus*, Ch. & Schl. J
- 202 " *lasiococcus*, Gray. J
- Acer circinatum*, Pursh J
- = *Menziesia glabella*, Gray
- 203 *Gaultheria Myrsinites*, Hook.
- 2 = *Pentstemon Menziesii*, Hook., var. *Scouleri*, Gray

Beaver Cañon.

Fronimus ~~Bottom~~. Peak

Shimberg's Cañon.

Bannock City.

Grasshopper Valley.

Bald Mountain

Grasshopper Valley, near Divide.

Bottle Camp.

Trail Creek Camp

Compositae.

July 13.	-	<i>Mythia helianthoides</i> , Nutt.	2
		" <i>amplexicaulis</i>	1
		<i>Helianthella lanceolata</i> , ?	
"	16. ^{="}	<i>Fouquieria Parryi</i> , Gray.	6
		<i>Erigeron tenuis</i> .	5
		<i>Chaenactis Douglasii</i> ,	4
"	15. ^{="}	<i>Arnica foliosa</i> ?	3
"	19. ^{="}	<i>Fouquieria Parryi</i> , Gray	6 4
"	21. ^{="}	<i>Erigeron americanifolius</i>	8
		<i>Hymenopappus tenuifolius</i>	7
"		<i>Actinella grandiflora</i> "formosa"	10
		<i>Antennaria racemosa</i>	10
		<i>Arnica cordifolia</i>	9
"	23. ^{="}	<i>Aloppappus uniflorus</i>	11
		+ v. minor	11
		<i>Mythia helianthoides</i> , Nutt.	2
		<i>Madia glomerata</i> ? var.	12
		<i>Crepis rusciniata</i>	"
		<i>Troximon panicum</i> , v var.	"
"	24. ^{="}	<i>Bahia integrifolia</i>	13
		<i>Aster chionoceras</i>	13
		" <i>aspidospermum</i>	-
"	25. ^{="}	<i>Microseris rubens</i>	14
		<i>Aloppappus chionophyllus</i>	15

noon camp

Descent

noon camp

cañon

Bitterroot valley

Rock Creek

Bitterroot valley

July 26 th	<i>Arnica cordifolia</i>	16
	<i>Antennaria margaritacea</i>	"
	<i>Gaillardia pulchella</i>	17
	<i>Eriogonum speciosum</i> , cf. <i>merrettii</i> + 18 th	18
	<i>Troximon planum</i> , v. <i>megacanthum</i>	19
	<i>Chrysoopsis villosa</i> , v. <i>discoides</i>	20
" 27	<i>Marrubium discoides</i>	21
	<i>Asteriscia ludoviciana</i>	"
	<i>Troximon</i>	"
" 29	<i>Eriogonum Canadense</i>	22
	" <i>speciosum</i>	"
" 30	<i>Solidago missouriensis</i>	

Berberis Aquifolium
Lysichiton Kamschatcense
Pentstemon Richardsonii

Ranunculus Nelsonii
" *orthotymachus*
Coptis occidentalis
Troutvetteria grandis
= *Corydalis Cusickii*
= *Viola sarmentosa*
= *Silene Oregona*
" *Scouleri*
= *Cleistania linearis*
" *cordifolia*
= *Ceanothus sanguineus*
= *Aspidium Lyallii*
Trifolium altissimum
Hosackia decumbens
Spiraea betulaeifolia
" *Douglasii*
Rosa gymnocarpa
Rubus nivalis
= *Potentilla gelida*
Boislinia major
Tiarella unifoliata
Philadelphus Lewisii
= *Sedum Douglasii*
= *Angelica Lyallii*
" *horrida*
=

Lonicera ciliosa
= *Downingia elegans*
= *Bryanthus empetrifolius*
Rhododendron albiflorum
Menziesia glabella
= *Gilia debilis*
= *Pentstemon triphyllus*
" *Menziesii*
" *attenuatus*
" *ovatus*
Synthlipsis rubra
" *reniformis*
= *Physostegia parviflora*
= *Asarum canadense*
= *Polygonum polygaloides*
Er. *Urogalum niveum*
= *Calochortus elegans*
Clintonia uniflora
Prozartes Oregona
Trillium ovatum
Xerophyllum tenax
= *Luzula spadiosa*, var

Shrubs + Trees

Rhamnus Purshiana

Pomus emarginata

=
Alnus rhombifolia
viridis

=
Betula papyracea

=
Populus trichocarpa

=
Taxus brevifolia

Thuja gigantea

Larix occidentalis

Abies grandis

Taxus Merriamiana

" Pattoniana

Pinus ponderosa
albicaulis
monticola

<i>Betula agrifolia</i>	<i>Isarum canadense</i>
<i>Xerophyllum tenax</i>	<i>Coryalis Cassidii</i>
<i>Rosa gymnocarpa</i>	<i>Coffis occidentalis</i>
<i>Spiraea betulacotia</i>	<i>Acanthium sanguineum</i>
" <i>Douglasii</i>	<i>Rubus nivalis</i>
<i>Angelica Lyallii</i>	<i>Transtruktoria grandis</i>
<i>Sedum Douglasii</i>	<i>Lonicera ciliosa</i>
<i>Philadelphus Lewisii</i>	<i>Trifolium albissimum</i>
<i>Silene Oregona</i>	<i>Proserpinca Oregona</i>
" <i>Scouleri</i>	<i>Anemone Purshiana</i>
<i>Clintonia cordifolia</i>	<i>Ponus emarginatus</i>
" <i>linearis</i>	<i>Polygonum polygaloides</i>
<i>Ligustilla unifoliata</i>	<i>Urosackia decumbens</i>
<i>Boysenia major</i>	<i>Saminifera elegans</i>
<i>Pentstemon tetraphyllus</i>	<i>Fabula rosea</i>
" <i>altissimus</i>	<i>Eriogonum nigrum</i>
" <i>attenuatus</i>	<i>Plyposopia parviflora</i>
" <i>orbatus</i>	<i>Lysichiton Kaulfussianus</i>
<i>Kalmianula Wilsonii</i>	<i>Trifolium acutum</i>
" <i>orthostachyus</i>	<i>Alnus sinuata</i>
<i>Gilia scabris</i>	" <i>viridis</i>
<i>Rhododendron albistonum</i>	" <i>form</i>
<i>Mertensia glabella</i>	<i>Populus trichocarpa</i>
<i>Myanthus eulphoroides</i>	<i>Taxus brevifolia</i>
<i>Clintonia uniflora</i>	<i>Thuja gigantea</i>
<i>Viola carmentosa</i>	<i>Larix occidentalis</i>
<i>Potentilla gelida</i>	<i>Abies grandis</i>
<i>Luzula spodiaca - pumila</i>	<i>Taxa Montana</i>
<i>Lupinus Lyallii</i>	" <i>form</i>
<i>Colochortus elegans</i>	
<i>Syrphium rubra</i>	
" <i>uniformis</i>	

Southron,

- Urtica alpina*
Astragalus junceus
" *campestris*
" *terrestris*
Pentstemon simplex
Muscenium Trachyspermum
Yarrowia Parryi
Aster alpinus
" *serpyllorum*
Actinella grandiflora
Sonchella montana
Myosotis sylvatica
Pentstemon procerus
Synthlipsis pinnatifida
Allium rotundatum
" *brevistylum*
- Populus angustifolia*
Pinus flexilis

~~Chenopodium~~ ~~serotinum~~

~~Veronica alpina~~

Astragalus puceus

" campestris

" terminalis

Penedanum simplex

Muscium trachyspermum

Allium reticulatum

brevistylum

Euphorbia cinnabarinata

Penstemon fragilis

Myosotis sylvatica

Douglasia montana

Coronilla Parryi

Actinella grandis var.

Aster stenoneurus

" scopulorum

Pyrolus angustifolia

