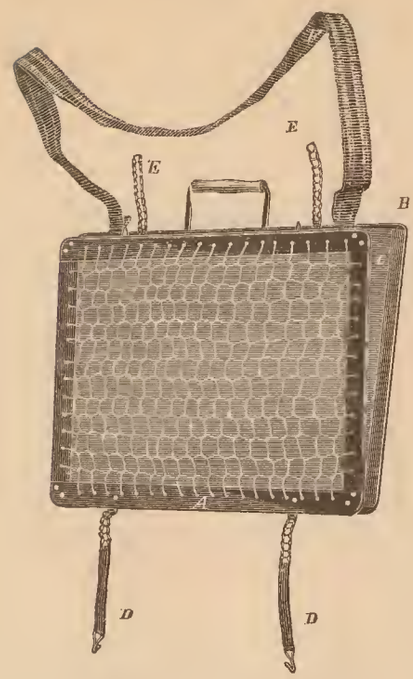
Lists of Plants.

Cusick, W. C.	Oregon, 1880.	p. 40.
" " "	" 1881.	p. 46.
Harvey, F. L.	Arkansas, 1881.	p. 42.
Howell, J. & T.	Oregon, 1880.	p. 44.
Jones, M. E.	Utah, 1879.	p. 34.
Lemmon, J. G.	California, 1876.	p. 5.
Macoun, J.	February, 1880.	p. 37.
Matthews, Dr. W.	California, 1879.	p. 32.
Palmer, E.	Arizona & S. Calif. 1876.	p. 13.
" "	S. Utah & Arizona, 1877.	p. 26.
Parry & Lemmon,	S. California, 1876.	p. 21.
Rothrock, J. T.	S. Cal. (Wheeler Exped.) 1875.	p. 1, 7.

Roessler's Portable Wire Plant-Press.

AS DESCRIBED BY PROFESSOR D. C. EATON.



ROESSLER'S PORTABLE WIRE PLANT-PRESS.

A few years ago, Professor Alphonso Wood described in the "Bulletin of the Torrey Botanical Club," a wire or wire-netting botanical press, which he had found of great service while collecting plants in California. But it does not appear that any presses of Professor Wood's pattern were ever manufactured for sale.

Mr. Paul Roessler, of New Haven, Conn., has now, however, perfected a wire botanical press, something like Professor Wood's, but more like the presses used in some parts of Germany. It will be seen from the accompanying engraving that instead of a heavy wire border, the border is of thin strap iron, A, which is perhaps an improvement.

One side of the press is furnished with chain-work straps E, and the other side with four little hooks, projections, to which the chains may be fastened, by any one of their links, with no trouble, so that whether empty or full, the press will securely hold and compress the contents. Elastic straps, D, at the ends of the chains, are furnished with hooks to secure the chains, so that the press cannot be thrown open by accident, but may be opened and readjusted without delay. The presses have their sides of knitted wire-work drawn tight, and are handsomely japanned, so that they will not rust. They may be carried by either a handle or strap, as seen in the figure. Presses or portfolios of this kind have the very great advantage of permitting evaporation to go on from the sides, while board presses depend entirely on absorption by the dryers. I have found that by the use of a press of this kind, even kelps and rockweed (Laminariæ and R. Fuci) may be readily dried, especially if the press be placed in a current of heated air, as for instance, over a common hot-air register. These presses are made of just the proper size to prepare specimens suitable for the common size of American herbarium paper, 16⅝ by 11½ inches.

The undersigned keeps on hand and for sale a full assortment of Botanical Microscopes, such as the Gray's large Class microscope, for dissecting; the Tenney microscope, and others; also, all the implements used in the study of botany, such as dissecting knives, forceps, Eaton's plant digger, and paper for drying and pressing.

Respectfully,

PAUL ROESSLER,
251 Chapel Street, New Haven, Conn.

Rothrock - continued. 346.:225. Gymnophytum diffusum. ?

Box to Dr. Gossen

Dr. E. Gossen
7, Rue Abbatucci,

1 1 / copy Structural Botany
1 1 / copy of Sprunt, Flora N. Am.
1 1 / " Fasc. 1 & 2, of Curtiss, S. Plants
($40) — presented by us.
1 1 Sets of Rothrocks Mex. Plants - little value
1 1 / set Hendle's Ferns of Trinidad.
$ — 7.50
1 1 / " Palmer & Parry's Plants of
Mexico, 583 Species, 58.00
1 1 / set Palmer's Plants of Sinaloa
& California - said to be 439 Sp. 25.

1 1 / set Wright Cuban Plants
said to be 900 - Sp.
1 1 " 15 Herbaria of Cuba.
1 1 " a large set of Orchids "
Dr. Comm to pay what is
proper

1½ x 2½ x 3/6
6½
23
24 packs

~~Other~~

Other Contents of Box to Cosson.

Herbarium of Jardin des Plantes.
1 1. package of Dried Plants
1 book for Pub. de Cassus
1 " Library of Botanical Society of France.

1 Package (Curtis Flora Plants Fasc. 2.) for M. Boissier of Geneva.
1 Package Parry & Palmer Mex. Pls. for M. Boissier

		Cosson	Boissier
3 bundles Curtiss	$60.00	40.00	20.00
1 set Mex. to Cosson	64.00	64.00	—
1 " " Boissier	45.00	—	45.00
1 " Palmer, Arizona	25.00	25.00	—
1 " Wrights Cuban	100.00		—
1 " Windsor Jones	7.50	7.50	—
Miscellaneous	15.00	—	—
Books	11.00	—	—
	$ 331.50		$ 65.00

less duties, 2.40

Rec. July 15th 1879. $ 62.60

Rothrock - continued.

292.
3. Madia elegans.

346. = 225. Gayophytum diffusum.
7.
8.
9.
350. Pinus flexilis

(4)

1876.

Lists of Plants.

Herbarium Receipts

&

Distributions.

Rothrock – July 30

Mrs. Young – July 11

E. Palmer – July 12. S. Utah

Dr. Rothrock – S. Colorado.

1. Acer glabrum
2. Jamesia Americana
3. Ribes lacustre, v. echinum.
4. " leptanthum
5. " sanguineum, var. (R. Wolffii)
6. " cereum
7. = 4
8. " ~~[illegible]~~
9. = 5
10. " aureum
11. = 5
12. Malvastrum coccineum
13. Sphaeralcea incana
14. Sidalcea malviflora
15, 16. Galium trifidum
17. " boreale
18. Symphoricarpus oreophilus
19. Lonicera involucrata
20. Campanula Scheuchzeri
21. Mimulus cupreus
22. " " luteus
23. = 21
24. " umbellatus
25 " flavus, var.
26, 28 " flavus
27. " parviflorus
29, 30. Lupinus

Dr. J. T. Rothrock's Collection in 1875 in S. California, on Lt. G. M. Wheeler's Expedition

Rec'd. Jan'y 30th

1.
2.
3. Arenospais Californica
4.
5.
6.
7. Sandronecon rigidum
8. Mesembryanthemum aequilaterale, Haw.
9.
10. Opuntia Engelmanni, var.?
11.
12.
13. Clarkia elegans
14. Sidalcea humilis
15.=222. Montolia albicaulis. Dougl.
16. Brassica nigra
17. Cardamine Gambellii - n. sp.
18. Oenothera cheiranthifolia, v. suffruticosa.
19. Horkelia Californica
20.
21.
22. Rosa Californica : 228.
23. " "
24. Hosackia glabra (scoparia)
25. Melilotus parviflora
26. Trifolium involucratum =216, 237, 245, 300
27. Lupinus arboreus (cf. 49?)
28. Lupinus Brewori :270, 391.
29.
30. } Cornanthe Californica, Watson.
31.
32.=370, 384. Carum Gairdneri, Mtt. & Hk.
33. Chaenactis Douglasii
34.=309. Troximon glaucum, var.
35. Troximon Chilense
36.
37. Baeria congestiflora.
38.
39. Centaurea Melitensis.
40. Abronia umbellata
41.
42.
43. Audibertia stachyoides, Bth.
44.
45.=84. Heteromeles arbutifolia.
46.
47.
48. Mitella rubicunda (New Mex°.)
49.
50.
51.
52.
53. Mimulus luteus
54.
55.=96. Frankenia grandiflora.
56.
57.
58.
59.
60.
61. Chenopodium album
62. Chorizanthe staticoides
63. Polygonum aviculare
64. Rumex conglomeratus
65. [Medicago sativa, Nahua.]
66.
67.
68.
69.
70.
71.
72.
73.
74. ~~Rumex conglomeratus (or ba?)~~
75. ~~Heteromeles~~
76.
77.
78.
79.
80.

2.

81.
82. Encelia Californica, Nutt.
83.
84.
85. =45. Heteromeles arbutifolia.
86. Eschscholtzia Californica.
87. Sarcobatus vermiculatus
88.
89. ~~Hosackia Rhamnifolia. (fr.~~ Lup. arboreus, 27.)
90. Lupinus nanus
91.
92.
93.
94. Anagallis arvensis.
95.
96. =55. Frankenia grandiflora.
97.
98.
99.
100. Iris Tolmieana ?
1.
2. Erysimum asperum. ? [Torularia stellata Arizona]
3. [Zygadenus ~~elegans~~ - Ariz.]
4.
5.
6. Salicornia ambigua
7. Medicago denticulata. [Ariz. allium cernuum]
8. Rhamnus Californica. =226.
9. Lonicera involucrata.
110.
11. Thalictrum Fendleri
12. =126.
13. Croton gracilis
14.
15.
16. Ribes Menziesii
17.
18. Boykinia occidentalis.
19.
120. Malvastrum splendidum, Gray. ?
21.
22.
23. Eriogonum fasciculatum
24.
25. Helianthemum scoparium.
26. Amsinckia vinosa =112. 135
27. Adenostoma fasciculata =177.
28.
29. Lupinus affinis.
130.

131. Solanum Xanti.
2. Ceanothus spinosus
3.
4.
5.
6.
7. Audibertia grandiflora.
8.
9.
140.
1. Silene laciniata
2.
3. =217. Epilobium coloratum
4.
5.
6.
7.
8. Calochortus Installii
9. Cotyledon laxa.
150.
1. Eremocarpus setigerus
2. Cressa Cretica.
3. Chenopodium album
4. Lepigonum medium.
5. Oenothera micrantha, Hornem.
5a. [Microbilis angustifolia, form - Ariz.]
6.
6a. Allionia incarnata
7.
7a. Boerhavia wrightii
8. Erodium cicutarium.
9.
160. Silene Gallica.
1.
2. Urtica holosericea
3.
4. Quercus agrifolia
5.
6.
7.
8. Chorizanthe staticoides.
9. =415. Zauschneria Californica.
170.
1. Sisyrinchium anceps ?
2. Pavralea macrostachya
3.
4. Datisca glomerata
5. Amaranthus albus
6. Isomeris arborea.
7. =127. Adenostoma fasciculata.
8. Hosackia Purshiana. [Trif.]
9. Eriogonum fasciculatum [Trif. longipes var.
180.
1. Gutierrezia Sarothamnoides.
2.
3.
4.

185
6. Quercus dumosa
7. Salix
8. Nasturtium officinale.
9. Trif. tridentatum, var. melanathum
190. Asclepias fascicularis.
1. Lythrum alatum, v. linearifolium (L. Californicum)
2.
3.
4.
5.
6. Cercocarpus parvifolius.
7. Alnus Rubrallii. Ariz.
8. Quercus lobata
9. Eriogonum polyanthum, v. bahiaeforme
200. Corethrogyne filaginifolia, var.
1. Eriogonum nudum, v. pauciflorum
2. Eriogonum fasciculatum, v. polifolium
3. Salvia columbariae.
4.
5. Quercus chrysolepis
6.=209. Lupinus albicaulis
7.
8.
9.=206. Lupinus albicaulis [Hab: lines stachys.]
210. Dossia saxifraginoides.
1.
2.
3. Arceuthobium vaginatum
4. Pinus Sabiniana
5.=411. Horackia Torreyi.
6.=26. Trifolium involucratum.
7.=143. Epilobium coloratum. =237. 245. 300.
8.
9. Eriogonum Baileyi
220. Eriogonum nudum, v. pauciflorum
1.
2.=15. Mentzelia albicaulis.
3.
4. Lupinus lutcolus, Kell.
5.=346. Gayophytum diffusum.
6. Rhamnus Californica.=104.
7.
8.=22. 23. Rosa Californica.
9. Clematis ligusticifolia, v. Californica.
230.
1.
2.
3.
4.
5. Boisduvalia densiflora.
6.
7. Trifolium involucratum [Alnus Rubrallii Ariz.] =26. 216. 245. 300
8. Sisyrinchium Arizonicum, Rott. n. sp. see 6.
239. Aster Mengiccii
240. Sidalcea malviflora.
1. Hypericum Scouleri.
2. Epilobium paniculatum
3. Potentilla gracilis, v. rigida. [Zyg. elegans Ariz.]
4.
5.
6. Gnaphalium Sprenglii
7. Achillea Millefolium.
8.
9.
250.
1. Pinus Sabiniana (?)
2.
3.
4.
5. Chenopodium album
6. Iva axillaris.
7.
8. Aesculus Californica.
9. Eriogonum virgatum
260. " elatum
1.
2. Betula angustifolia.
3. Quercus chrysolepis
4. Sequoia Californica.
5.
6. Pinus flexilis
7. Ribes cereum.
8.
9.
270.=28. 391. Lupinus Brewerii, var.
1.
2.
3. Centrostigma Thurberi
4. Euphorbia albomarginata
[5. Amaranthus wrightii] U.S.R.
6. Sphaeralcea Californica
7.
8. Fremontia Californica.
9. Geranium caespitosum
280. Vitis Californica.
1. Mentzelia laevicaulis, 704.
2.
3. Aster aestivus
4. Chenopodium album
5.=216.
6.
7.
8.
9. Horackia oblongifolia, Bth
290.
1.=304. Ranunc. aquatilis, v. trichophyllus.

4.

J. G. Lemmon – 1876

Sierra Co., Cal.

Rec^d. Feby 5, 1876.

66. Ranunculus Californicus, Bth., common
67. Delphinium decorum, v. Nevadense, W. - Sierra val.
68. Thelypodium laciniatum, Endl. Plumas, Yuba, Sylvan Ridge & Carson
69. Dentaria tenella, Pursh. - Butterfly Valley
1070. x Cleome platycarpa, Torr. - Reno
1. Thelyp. laciniatum, var.? till we get Gray's valley, but: Lemm. Spring Valley & Pyr. Lake. Gray's opp. bott.
2. = 1068. Shore of Pyr. Lake.
3. Cleomella parviflora, Gray. - Reno
4. Lepidium Wrightii, apparently Sierra val.
5. Silene Lemmoni, Watson. Sierra & Webber Lake vall.
6. = 1077. - Indian, Big Meadow, & Amer. Valleys, Plumas Co.
7. Silene pectinata, Watson. Sierra vall.
8. Silene Douglasii, form Sierra & Webber vall.
9. Silene Lyallii, Watson, var. Cascades & Webber's Peaks
80. Arenaria congesta, Nutt. Sierra vall.
1. Silene montana, Watson Webber Lake vall.
2. Silene occidentalis, Watson. Cascade Valley, near Cascades Peak
3. Silene Lyallii, Watson.
4. Silene Douglasii, form.
5. Silene Douglasii, form.
6. Lupinus minimus, Dougl.
7. Astrag. Austinae, Gray. n. sp.
8. Astrag. Mortoni
9. Astragalus Andersonii, Gray.
90. Astrag. Bolanderi, Gray.
1. Ribes lacustre, var. molle, Gray.
2. Ribes oxyacanthoides
3. Heuchera rubescens, Torr.
4. Sedum Rhodiola
5. Oenanthe sarmentosa, Nutt. (new)
6. Angelica Breweri, Gray.
7. Peucedanum — n. sp.? P. Geyeri
8. Ligusticum? - not determinable.
9. Aralia Californica, Watson
1100. Aster integrifolius, Nutt.
1. Brickellia grandiflora, v. minor.
2. Stricocarpus rigidus
3. Brachyactis frondosa
4. Erigeron divergens
5. Erigeron Nevadense
6. Solidago occidentalis
7. Brickellia macrophylla
8. Ptilopappus paniculatus, var. near virgatus
9. Bigelovia Howardii, var.? Nevadensis
1110. Bigelovia Douglasii, var. stenophylla, Gray
1. Ptilopappus Bloomeri, Gray.
2. Aster Bloomeri, Gray.
3. Aster Menziesii, form
4. Bigelovia arborescens
5. Erigeron Canadense
6. Aster (Machaeranthera) canescens
7. Pyrethrum Parthenium
8. Gilia floccosa
9. Lessingia leptoclada
1120. Lygodesmia spinosa, v. cladopappa
1. Stephanomeria exigua
2. Stephanomeria virgata
3. Lactuca Canadensis
4. Comandra pallida
5. Claytonia Nevadensis, n. sp.
6. Veronica peregrina
7. Pentstemon gracilentus
8. Pentstemon, Lemmoni, Gray
9. Mimulus moschatus, var.
1130. Antirrhinum Kingii
1. Madia glomerata
2. Gilia leptophylla
3. " interrupta
4. " micrantha
5. " divaricata
6. = 1134.
7. Gentiana simplex or acuta?
8. " calycosa.
9. Asarum candatum, Endl., var. curtum,
1140. ~~Blitum~~ Monolepis pusilla
1. Chenopodium Botrys.
2. Atriplex phyllostegia?
3. Eriogonum Plumatella
4. " marifolium, ~~var.~~
5. " Lobbii
6. " marifolium, var.
7. " microthecum
8. " Wrightii, var.
9. " pyrolaefolium

1150. Eriogonum caespitosum
1. Populus tremuloides, var.
2. " trichocarpa
3. Pinus flexilis
4. Quercus lobata
5. " ~~[illegible]~~ Sonomensis
6. " chrysolepis
7. Triticum violaceum, var.?
8. Spiranthes Romanzoviana
9. Aspidium argutum
1160. ~~Cystopteris fragilis~~ Phegopteris dryopteris
1. Orn. dentata =1233.
2. Gilia aurea
3. Lamarckia aurea
4. Polycarpon depressum
5. Actinolepis Wallacei
6.
7. Gilia Palmeri
8.
9.
1170.
1
2
3
4
5
6
7
8
9.
1180. Centrostegia Thurberi
1
2
3
4
5
6. Trifolium Seamoni
7 Astrag. lemmoni
8 " lentiformis
9 Hulsea nana, var. Larseni
1190 = 1149.
1 Ranunc. alismaefolius, v. alismellus
2 Antirrhinum Kingii
3. = 1073
4 Gilia interlexta
5 Lophanthus urticifolius
6 Monolepis pusilla, var = 1095.
7 Delphinium simplex, var.
8 Calochortus Leichtlinii
9 Horkelia fusca - abnormal form
1200 Potentilla Brewori - form.

1201. Polygonum Shastense
1202 Eriogonum - nudum
3. Gilia congesta
4 Echinospermum deflexum, var.?? =734.
5. Polygonum Torreyi
6. Atriplex — too young.
7. Montelia dispersa
8 Erysimum asperum
9. Troximon glaucum
1210 Polygonum coarctatum
1 = 1097.
2 Mimulus rubellus
3 " " var. latiflorus.
4 Claytonia Caroliniana, var.
5 Claytonia triphylla
6 ~~Horkelia fusca~~
~~Atriplex — too young.~~
7 Gilia trifida, form
8 Ribes sanguineum, var. variegatum
9 Cirsium Andersoni
1220 Arnica foliosa
1 Aster adscendens
2 Sedum obtusatum.
3 Trifolium longipes - low form.
4 Abronia umbellata
5 Milla ixioides
6 Orthocarpus pilosus
7 Aplopappus lanceolatus
8 Gilia linifolia, var.
9 Pellaea Bridgesii
1230. Chaetanthera gracillima
1
2 Silene montana
3 Orn. dentata, var. grandiflora
4 Gilia dianthoides
5 " Palmeri = 1167.
6. Centrostegia leptoceras
7. Agoseris Americana
8. Gilia cordatifolia
9. Vesicaria montana
1240. Nemacladus tenuidentatus, n. sp.
1. Gilia micromeria
2. Hulsea ~~[illegible]~~ nana, var. Larseni
3. Draba aurea
4. Cyperus inflexus
5. Lingula parviflora
6. Carex tenella
7. Scirpus riparius
8. Carex Hoodii
9.
1250.

b.

1251
2
3
4
5
6 Lepigonum medium ?
7 Loeflingia aquarosa
8. —
9. Nama demissa.
1260. Eritrichium circumscissum
1. Statice americana.
2
3 Brickellia Microgiptia
4
5
6
7
8
9
1270 Halophila occidentalis
1 Trifolium dimmoni
2 Ranunculus dimmoni
3 " Nelsoni
4
5 Draba alpina, var.
6
7
8 Astragalus austinae.
9
1280
1
2
3 Juncus acuminatus
4
5 Acorus calcicolus
6 Lepidium Menziesii
7 Calandrinia Menziesii
8
9 Oenothera gracilipes
1290
1 Hozackia pauciflora
2 Hesperocnide tenella
3 Cardamine oligosperma
4
5 + 5½. Claytonia exigua
6
7
8
9 Sphaerophora annulina, Roth
1300

Rothrock – continued.

292.
3. Madia elegans.
4.
5. Oenothera biennis, v. grandiflora.
6.
7.
8.
9.
300. =264. Trifolium involucratum
1.
2.
3.
4. =291. Ranunc. aquatilis, v. trichophyllus.
5. Lupinus confertus, Kell.
6.
7. Trifolium monanthum
8.
9. =34. Troximon glaucum, var.
310. Stellaria longipes.
1. Sagina linnaei.
2.
3.
4.
5.
6.
7.
8.
9.
320.
1. Aster pulchellus (Rothrock thinks) – perhaps not aust.
2. Arabis Lyrata obtusum.
3.
4. Potentilla Wheeleri, n. sp.
5.
6.
7. Horkelia purpurascens, n. sp.
8. Lupinus rivularis
9.
330. Cercocarpus ledifolius.
1. Eriogonum spergulinum
2. " Trichopodum
3.
4.
5. ~~Atriplex canescens~~
6.
7. Juniperus occidentalis ?
8.
9.
340. Abronia turbinata
1.
2.
3. Atriplex leightii
4. Castanopsis chrysophylla
5.

346. =225. Gayophytum diffusum.
7.
8.
9.
350. Pinus flexilis
1.
2.
3.
4. Ceanothus divaricatus.
5. Anglica lineariloba
6. Eriog. Abertianum
7.
8.
9. Mirabilis Wrightii
360. Eupatorium occidentale.
1. Epilobium origanifolium Barby
2.
3.
4.
5. Hypericum Scouleri, HK.
6.
7. Celtis
8.
9. Sisymbrium incisum.
370. =32. 354. Carum Gairdneri.
1.
2.
3. Aconitum Fischeri
4. Delphinium depauperatum.
5.
6. Potentilla glandulosa, v. Steradenis.
7.
8. Boerhaavia spicata
9. Amaranthus Palmeri ♂
380.
1.
2.
3. Pinus contorta
4. = 370.
5.
6.
7.
8.
9.
390. Eriog. ovalifolium, reduced form
1. = 25. 270. Lupinus Brewori, var.
2.
3.
4. Aster Andersonii
5. Veratrum Californicum
6. Aster astivus
7.
8.
9.
400. Epilobium obcordatum
1.
2.
3.
4.
5. Lupinus andersonii (?) var. (?)

406.
7. Lupinus Lyallii, var. Danaus.
8. Geranium Richardsonii
9.
410.
1. = 215. Hosackia Torreyi
2.
3. Trif. monanthum, Gray
4.
5. = 169. Zauschneria Californica.
6.
7.
8.
9.
420.
1.
2.
3. Libocedrus decurrens
4.
5.
6. Trif. tridentatum, var. obtriflorum
7.
8.
9.
430. = 535. Artemisia ascopulorum
1.
2. Trif. involucratum, form (Trif.)
3.
4.
5.
6.
7.
8.
9.
440.
1.
2.
3.
4.
5.
6.
7.
8.
9.
450.
1.
2.
3.
4.
5.
6.
7.

455.
9. = 312. Polygala puberula, Gray.
460. Oenothera Hookeri, Htt.
1.
2.
3.
4. Pellaea Wrightiana
5.
6.
7. Asplenum viride
8. " trichomanes
9. Gymnogramme pedata
470. Sida filiformis, Moric, var. (S. Lowii, Rottb.)
1.
2.
3. Erioq. flavum, distinctus = fasciculatum
4. Erysimum asperum, Dc. var.
5.
6.
7.
8.
9.
480.
1. Cheilanthes Lindheimeri
2.
3.
4.
5.
6.
7.
8.
9.
490.
1.
2.
3.
4.
5.
6.
7.
8. Clematis ligusticifolia, v. Calif.
9. Ptelea angustifolia ?
500.
1.
2.
3. Zauschneria Californica
4. Polygala puberula
5.
6.
7.
8.
9.
510.
1.
2.
3. Gymnogramme pedata
4.

515.
6.
7.
8. Linum perenne
9.
520. Gonophrenum nitida, Rothr. n. sp.
1.
2. "Talinum patens, Wills."
3.
4.
5.
6.
7.
8.
9.
530.
1.
2.
3. Rhus glabra
4.
5. = 430.
6.
7.
8. Talinum aurantiacum
9.
540.
1.
2.
3.
4.
5.
6.
7.
8.
9.
550.
1.
2.
3.
4.
5.
6.
7.
8.
9.
560.
1.
2. Hibiscus Grandiflorus, var. inoculatus
3.
4.
5.
6.
7. Clematis Drummondii
8.
9. Agenia pusilla, var.
570.
1.
2. Krameria parvifolia
3.

574.
5.
6. Euph. pedicellifera, Engelm
7.
8.
9.
580.
1. Elaterium Wrightii
2.
3.
4.
5.
6.
7.
8.
9.
590.
1.
2.
3. Erioq. Wrightii
4.
5.
6.
7.
8.
9.
600.
1.
2.
3.
4.
5.
6.
7.
8.
9.
610. Thelypodium longifolium (= Strep. microanthus)
1.
2. Rothrockia ferruginea
3.
4.
5.
6.
7.
8.
9. Drymaria effusa, Gray.
620.
1.
2.
3.
4.
5.
6.
7.
8.
9.
630.
1.
2.
3.

634.
5.
6.
7.
8.
9.
640.
1. Geranium caespitosum
2.
3.
4.
5.
6.
7. Amoreuxia Schiedeana, Gray
8.
9.
650
1.
2.
3.
4.
5.
6.
7.
8. Krotta biennis, var. hirsutissima.
9.
660.
1.
2.
3.
4. Erioq. phacacoides, var.
5. Sida filiformis, Moric.
6. Anoda hastata var. sulcata, Cav.
7.
8.
9.
670. Polyg. ~~amphibium~~ v. Muhlenbergii
1.
2.
3.
4. Pellaea flexuosa
5.
6.
7.
8.
9.
680.
1
2.
3.
4.
5.
6.

687.
8. Polygonum ~~hydropiperoides~~
9
690.
1.
2.
3.
4.
5.
6.
7.
8. Eugenhousia ~~Hesperoides~~ trilobata DC.
9.
700.
1.
2. Polyg. ~~incarnatum~~ nodosum
3.
4.
5.
6. Solidago aspersiflora, n. sp.
7.
8.
9.
710. Melilotus parviflora, Desf.
1.
2.
3.
4.
5.
6. =710.
7
8
9
720
1
2
3
4
5
6. Erioq. wrightii
7
8
9
730
1
2
3
4 Microstylis, n. sp.
5
6
7
8
9
740.
1
2
3
4
5
6
7
8
9. Goodyera menziesii

750 Corallorhiza stricta?
1
2 Spiranthes Romanzoffiana
3
4
5
6
7
8. Polyg. tenue, v. latifolium.

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Arizona & S. California

Distributed by C. C. Parry

1. Aquilegia – truncata – S.L. Obispo.
2. Delphinium Scaposum – Cottonwood Co. Ariz.
3. " simplex – Rock Spr.
4. " cardinale – Rock Springs
5. " = 3 – Clarks Creek.
6. Ranunculus Californicus – S. Luis Obispo
7. Aconitum Fischeri – Camp Halleck
8. Platystemon Californicus
9. Eschscholtzia minutiflora – Rock Spring
10. Canbya – candida – Mojave R.
11. Corydalis aurea, v. occidentalis – Prescott
12. Nasturtium – (Iyratum) – Wadsworth
13. Nasturtium officinale – Walnut Grove
14. " obtusum – S. Luis Obispo
15. " palustre – Ehrenberg
16. Vesicaria – Arizonica, n. sp. – Juniper Mts.
17. Lepidium ~~Fremontii~~ – ~~Ehrenberg~~ – Moj. R.
18. " flavum – Mojave R.
19. " ~~Fremontii~~ Wrightii – Ehrenberg
19½ intermedium – " & Cottonwood.
20. Sisymbrium canescens – Williams Fork
21. " reflexum – Williams Fork
22. Thelypodium integrifolium – Wadsworth
23. Arabis arenicola – Prescott
24. Streptanthus glandulosus – S.L. Obispo
25. Thelypodium Cooperi – Mojave R.
26. Tropidocarpum gracile – Clarks Cr.
27. Capsella Bursa-pastoris – Redwoods
28. Barbarea vulgaris – Pinal Mts.
29. " " Prescott
30. Cleomella obtusifolia – Mojave R.
31. Cleome lutea – Wadsworth
32. Jonidium linear – Cottonwood.
33. Oligomeris subulata – Ehrenberg
34. Polygala subspinosa – Cottonwood
35. Krameria parvifolia – Hardyville, Ariz.
36. " " Cottonwood "
37. Frankenia grandiflora – S. Simeon Bay
38. Cerastium nutans – Walnut Grove
39. Stellaria media – S. Simeon Bay.
40. Lepigonum macrotheca – S.L. Obispo
41. Arenaria Fendleri, v. glabrescens – Moj. R. = A. macradenia
41½ Gouglasii – Mojave R.
42. Silene Antirrhina – Prescott
43. " verecunda – Lone Mts.
44. Linum Breweri – Lone Mts.
45. Lewisia brachycalyx – Prescott.
46. Claytonia perfoliata – Prescott.
47. Hypericum Scouleri – Wadsworth
48. " anagalloides – Clarks Cr.
49. Malvastrum exile – Cottonwood
49½ rotundifolium – Ehrenberg
50. " Palmeri, n. sp. – Cambria
51. " Munroanum – Cottonwood
52. Linum misanthum – Pine Mts.
53. Erodium cicutarium – Rock Spring
54. Oxalis corniculata – Prescott
55. " Oregana – Lone Mts.
56. Geranium Richardsonii – Halleck
56½ Phelea angustifolia – Prescott.
57. Phelea angustifolia – Cottonwood, Ariz.
58. Fagonia Californica – Williams Fork
59. Rhamnus crocea – Moj. R.
60. Rhus aromatica, var. – Walnut Grove
61. " " " Prescott.
62. Vicia exigua – Walnut Grove, Ariz.
63. Lathyrus palustre, var. – Prescott.
64. Vicia americana – Wadsworth.
65. Sophora Arizonica – Cottonwood, Ariz.
66. Dalea polyadenia – Wadsworth
67. " mollis – Ehrenberg
68. " Parryi – Hardyville, Ariz.
69. Psoralea macrostachya – S.L. Obispo
70. Trifolium = 73.
71. " tridentatum, v. obtusiflorum – Lone Mts.
72. " amplectens – Lone Mts.
73. " pauciflorum – Mojave R.
74. " "
75. Hosackia pubescens – Walnut Grove
76. " strigosa – Ehrenberg
77. " Purshiana – Mojave R.
78. " ~~maritima~~ Stricta – S. Simeon Bay
79. " junacea – S. Luis Obispo
80. " sericea – Mojave R.
81. " Hermanni – McGinnis
82. " grandiflora – Mojave R.
83. Lupinus concinnus – Prescott
84. " breviculis – Mojave R.
85. " micranthus – "
86. " concinnus, v. Arizonicus – Walnut Grove
87. " Palmeri ? Prescott.
88. " hirsutissimus, var.? Ehrenb.?
89. " albicaulis & var. Bridgesii.
90. " Chamissonis – Lone Springs.

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91 Lupinus densiflorus – S. L. Obispo.
92. " littoralis – Clarks Creek
93. " sericeus – Mojave R.
94. " affinis – Cambra
95. " gracilis – S. L. Obispo
96. " = 86. – Mojave R.
97. " fusiculus – Moj. R.
98. " laxiflorus – Camp Halleck
99. Astragalus hypoglottis – Halleck
100. " ~~Arizonicus~~ – Walnut Grove
1. = ~~triflorus~~ – " "
2. " = 115. Prescott.
103. " ~~triflorus~~ humistratus
4. " = 105. Rock Spring
5. " Missouriensis – Cottonwood
6. " = 105 "
7. " atratus, var. – Juniper Mts.
8. " lentiginosus, Moj. R.
9. " Coultari – Moj. R.
110. " leucophyllus – Jolon, Cal.
1. " Menziesii – S. Simeon Bay
2. " junceus – Halleck
3. " Mortoni "
4. " Nuttallianus – Walnut Grove
5. " Shortianus – Cottonwood.
6. Cassia armata – Moj. R.
7. Prosopis juliflora – Hardyville
8. Spiraea dumosa – S. L. Obispo
9. Fallugia paradoxa – Cottonwood
120. Amelanchier alnifolia – Clarks Cr.
1. " " Prescott.
2. ~~Purshia tridentata~~ ~~Cowania Mexicana~~ – Rock Spr.
3. Horkelia Californica – Clarks Cr.
4. Heuchera pilosissima – Clarks Cr.
5. Boykinia accidentalis – Redwoods
6. Fendlera aspricola – Cottonwood
7. Ribes cereum – Walnut Grove
8. " sanguineum – S. L. Obispo
9. Lythrum alatum – v. lineariflorum – Spring
130. Epilobium paniculatum – Pine Mts.
1. Gayophytum ramosissimum – Halleck
2. Gaura coccinea – Cottonwood, Ariz.
3. Oenothera caespitosa – Walnut Grove
4. " albicaulis ? – Moj. R.
5. " gauraeflora – Hardyville
6. " dentata – Mojave R.
7. " longipes – Hardyville
8. " scapoidea – Ehrenberg.
9. " bistorta – Moj. R.
140. " micrantha – Clarks Cr.
1. Godetia tenella – Mojave R.
2. " albescens, var. ? McCimmis
143. Godetia pimnea – McCimmis
4. " tenella – Clarks Creek
5. Godetia Bottae – S. L. Obispo
5½. Boisduvalia glabella – S. L. Ob.?
6. Boisduvalia densiflora – S. L. Ob.
7. Clarkia elegans – S. L. Obispo.
8. Zauschneria Calif.a – S. L. Obispo
9. Eulobus Californicus – ~~S. Barbara~~ Moj. R.
150. Petalonyx Thurberi – Moj. R.
1. Montelia ~~albicaulis~~ ? Williams Fork
2. Montelia laevicaulis – Redwoods
3. Megarrhiza — ? Walnut Grove, Ariz.
4. Aralia Californica – S. Lucia Mts.
5. Eryngium petiolatum, var. ~~ornatum~~. S. L. O.
6. Conium Gairdneri – Pine Mt.
7. Cymopterus montanus, var. purpurascens. Prescott, Ar.
8. Peucedanum macrocarpum "
9. " villosum – Juniper Mts
160. Symphoricarpus mollis, Pine Mt.
1. " " S. L. O.
2. Lonicera involucrata – Cambra
3. Galium Californicum – R. Spr.
4. " Bolandri – Moj. R.
5. " Aparine – Cotton. W. Creek, Ar.
6. Valeriana edulis – Prescott.
7. Plectritis macrocera – "
8. Brickellia triflora – Moj. R.
9. Baccharis coulteri – Williams Fk
170. " Douglasii, fresh –
1. " " mali – spring
2. "
3. Carphephorus junceus – Hardyville
4. Erigeron tenellum, var. aff. Cambra
5. Diplopappus ericoides, var. – Walnut Gr.
6. Aster tortifolius – Moj. R.
6½. Erigeron foliosum, v. stenophyllum – McC.
7. " " Clarks Cr.
8. Aster falcatus, v. – Halleck
9. " laxiflorus, var.? – Wadsworth
180. " Chamissonis, var.? – Halleck
1. " elegans – "
2. " canescens – "
3. " radulinus – Pine Mts.
4. Erigeron divergens, v. cinereum? Moj. R.
5. " Philadelphicum – "
6. " divergens, cinereum – Prescott
7. " concinnum – Cottonwood
8. " glaucum – S. Simeon Bay
9. Solidago Guiradonis ?? – Wadsworth
190. " occidentalis – "
1. " Californica – Spring Jolon.
2. Gyrodia prostrata – Hardyville
3. Porophyllum acuminatum – "
4. Gyrodia Coulteri – Moj. R.
5. Nicolletia occidentalis – "

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190. {Lessingia germanorum / Hemizonia ramosissima} - McGinnis
7. Bigelovia arborescens (two forms) - Redwoods.
7½. ~~Bigelovia~~ squarrosus - Redwoods
8. " Menziesii - S. Simeon Bay
9. Aplopappus lanceifolius - Moj. R.
" linearifolius - Cottonwood.
200. 1½. Lessingia germanorum - Clarks Creek
2. Aplopappus paniculatus - Rock Sp.
3. " ericoides - C. Hallock. the small form distinct?
4. Chrysopsis gossypina, v. schoidis - McGinnis
5. Chætadelia carphoclinia - Hardyville
6. " steriodes - Moj. R.
7. " lanosa - Dep. spec. - Moj. R.
8. " Douglasii - Cerbat Mt.
9. 5½. = 206. macrantha - Cottonwood. - Agency
210. Hymenopappus lutens - "
1. Palafoxia linearifolia, rough. - Williams Fork.
2. } Corethrogyne filaginifolia - Santa Cruz
3. } - S. Simeon Bay
4. } - Redwood
5. Baeria chrysostoma - dwarf. - S. Simeon Bay.
6. " gracilis - Clarks Creek.
7. Deinosyne Newberryi - Moj. R.
8. Perityle Emoryi - v. nuda. - Williams F.K.
9. Acamptopappus sphaerocephalus - Moj. R.
6½. Bailey pleniradiata - Agency (Pink in Moj. R.)
220. 1. Actinolepis multicaulis - Clarks Cr.
2. Eremiastrum bellidiflorum - Williams F.K.
3. Syntrichopappus Fremonti - Moj. R. with actin. lanosa
4. Actinolepis Wallacei - Cottonwood
5. Baltia compositiflora - Pine Mt.
6. " artemisiaefolia - Cambra
7. " = 225. very dwarf. - Moj. R.
8. Hymenoclea salsola - Riverside
9. Trichoptilium incisum - Hardyville
230. Pachystomis annua - Williams F.K.
1. Actinella odorata - Agency
2. Cotula coronopifolia - S. Simeon Bay
3. } Madaria discoidea - S. L. Obispo
4. } Redwood
5. Hemizonia fremontii - Moj. R.
6. Lagophylla ramosissima - S. L. Obispo
7. Hemizonia corymbosa - Clarks Cr.
8. Madia sativa - "
9. Layia glandulosa, v. rosea. "
240. Hemizonia fremontii -
1. " heterophylla - S. L. Obispo.
2. Madia elegans - McGinnis
3. Hemizonia Douglasii - S. Simeon Bay
4. Madia = 242 - Pine Mt.
5. Hemizonia virgata - Joshua - Springs
5½. = 240
6. " Fitchii - Joshua.
7. " truncata. - Redwood
8. Grindelia robusta, S. Simeon Bay
9. " " var.(?) rigida - S. Luis Obispo

250. Lymnecia euchloides - S. Luis Obispo
1. Euchlia fremontii - Williams Fork
2. Helenium autumnale - Clarks Creek, Calif.
3. Iva axillaris - Moj. R.
3½. Eremiastrum bellidiflorum - Ehrenberg
4. Monoptilon bellidiformis - Moj. R.
5. Tetradymia spinosa - "
6. " canescens - S. Bernardino
7. Bigelovia Douglasii, v. ciliata - Wadsworth, Nev.
8. Bigelovia " " , angustifolia - "
9. " graveolens - "
260. " " S. Luis Obispo. (Clarks Cr.)
1. Tetradymia canescens, v. inermis - "
2. Franseria dumosa - Hardyville, Ariz.
3. Arnica discoidea - Pine Mt.
4. Senecio lugens, var. - Prescott.
5. " hydrophilus - S. Luis Obispo (Clarks Cr.)
6. Xanthium spinosum - S. Simeon Bay
7. Cirsium Californicum? "
8. " occidentalis - McGinnis
9. " Neo-Mexicanum? Rock Spr.
270. } Artemisia dracunculoides - Springs.
1. } S. Simeon Bay
2. " dodricana, var. Cambra
3. } Springs
4. } " " var. S. L. Ob.
4½. } "
5. " " "
6. " " "
7. } Gnaphalium Sprengelii - Cambra
8. }
9. Antennaria margaritacea - "
280. Gnaphalium ramosissimum - S. L. Ob.
1. " microcephalum - McGinnis
2. " ramosissimum - "
3. " purpureum - Cambra.
4. " palustre - Moj. R.
5. Antennaria dioica - Prescott.
6. } Gnaph. palustre - S. L. Obispo
7. }
8. Anisocoma acaulis - Moj. R.
9. Troximon aparioides - S. L. Obispo
290. Microseris Bigelovii - Cambra
1. Stephanomeria Thurberi - Moj. R.
2. Calycoseris Parryi - Cottonwood
3. Rafinesquia neomexicana - Agency
4. Lygodesmia exigua - Hardyville, Ariz.
5. Stephanomeria minor - "
6. Hieracium Scouleri - Pine Mt.
7. Stephanomeria paniculata - Redwoods
8. Lygodesmia spinosa var. - Hallock
9. Lactuca pulchella - Wadsworth
300. Nemacladus ramosissimus -
1. Arctostaphylos Uva-ursi - Hallock

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302. Arctostaphylos glauca – S. Bernardino
3. Arbutus Menziesii – Pine Mt.
4. Photinia arbutifolia – S. Diego
5. Armeria vulgaris, v. Calif.ca – S. Simeon Bay
6. Plantago Virginica, v. maxima – Clarks Cr.
7. " major – S. Luis Obispo
8. " lanceolata – McGinnis
9. " Patagonica – Shrumberg
310. Anagallis arvensis – S. Luis Obispo
311. Pedicularis centranthera – Prescott.
2. Castilleia parviflora – Walnut Grove
3. Orthocarpus lasiorhynchus, n. sp. Maj. R.
4. " densiflorus – Clarks Cr.
5. " luteus, v. tinctus – Hallock.
6. Cordylanthus ramosus – "
7. " filifolius, v. cinereus.
8. Collinsia bartsiaefolia – S. L. Obispo
9. " parviflora – Prescott.
320. Veronica peregrina – Walnut Grove
1. Antirrhinum Coultari – Maj. R.
1½. Mimulus Fremontii, var. α M. Palmeri, n. sp. Maj. R.
2. " floribundus – Pine Mt.
3. " } pilosus – Maj. R.
4. " } Wadsworth
5. "
6. " luteus – Maj. R.
7. = 323 – Maj. R.
8. Pentstemon breviflorus – Springs.
9. " heterophyllus – McGinnis
330. " confertus – Hallock
1. " Palmeri – Cottonwood
2. " Eatoni – Rock Spring
3. " spectabilis – Cottonwood
4. " antirrhinoides – "
5. " ambiguus – "
6. Mohavea viscida – Shrumberg
7. Aphyllon ludovicianum – Julian
7½. " Californicum – Redwood
9. Verbena ciliata – White var. – R. Spring
9½. " sororia – McGinnis
340. " ciliata – Shrumberg
1. " bractosa – S. L. Obispo
2. " bractiata – S. L. Obispo
3. Lycopus lucidus – v. Americanus – Wadsworth
4. Teucrium Cubense – Williams Fork
5. Salvia Mexicana – Maj. R.
6. Salvia coccinea – "
7. Lophanthus urticifolius, Hallock &
8. Micromeria Douglasii – Clarks Creek
9. Trichostema lanceolatum – McGinnis
350. Pogogyne Douglasii – S. L. Obispo
1. " S. Simeon Bay
2. Sphacele calycina – S. L. Obispo
3. Mentha borealis – Wadsworth
4.

355. = 353
6. Stachys Chamissonis – Clarks Cr.
7. Audibertia grandiflora – S. L. Obispo
8. " incana – Rock Spr.
9. Monardella Palmeri, Gray, n. sp. – Redwood
360. " villosa – Clarks Cr.
1. " Pine Mt.
2. " undulata – Clarks Cr.
3. " lanceolata – Maj. R.
4. " leucocephala – "
5. Stachys pycnanthe, var. – Pine Mt.
6. " albens – McGinnis
7. " pycnanthe – Pine Mt.
8. " ajugoides – S. Luis Obispo
9. " bullata, var. Coultari – "
370. Amsinckia intermedia – S. Simeon Bay
1. Eritrichium micranthum – Agency
2. " circumscissum – Cottonwood
3. " leiocarpum? – Shrumberg
3½. Echinospermum Redowskii –
4. Lithospermum longiflorum – Willow Grove
4½. Eritrichium oxycarpum – Williams Fork
5. " Jamesii
5½. " pilosiusculum, Gray, n. sp. – Shrumberg
6. " micrococcum – Pine Mt.
7. Coldinia Nuttalii – Maj. R.
8. Mertensia Sibirica – Hallock
9. Pectocarya setosa, Gray, n. sp. – Maj. R.
380. " penicillata – Williams Fork
1. Phacelia gracilis, Gray, n. sp. – Pine Mt.
2. " circinata – McGinnis
3. " ramosissima – Cottonwood
4. " ciliata? – Shrumberg
5. " tanacetifolia – v. tenuifolia – Agency
6. " brachyloba – "
7. " Mojavensis, n. sp. (curvipes, v. stricta.) Maj. R.
7½. " corymbosa – Agency
8. Nama dimissa hispida – Shrumberg
9. Eriodictyon tomentosum – McGinnis
390. Emmenanthe penduliflora – Pine Mt.
1. Phlox longifolia – Cottonwood
2. Collomia grandiflora – Walnut Grove
3. Gilia inconspicua – "
4. Collomia gilioides – Pine Mt.
5. Gilia inconspicua – v. glutinosa – Cottonwood
6. " linifolia, v. phlogacoides – Maj. R.
7. " Californica, – "
8. " tenuiflora – "
9. " achilleaefolia – "
400. " ~~Palmeri~~ Parryae "
1. " androsacea – " " sp. Gray
2. " ~~tenuifolia~~ prostratiflora, var. n. sp. Gray
3. " ~~aggregata~~ – Hardville
4. " Schottii – Maj. R. + Cottonwood
5. " filifolia – "
6. " } floccosa – "
7. " } ~~Hos~~ "
8. " congata or floccosa – Maj. R.
9. " longiflora
9½. " atractyloides – McGinnis.
410. " squarrosa – Pine Mt.

411 Gilia multicaulis - Moj. R.
2. " luteocerea
3. " densiflora - McGinnis
3½ Fraxinus pistaciaefolia? - Walnut Grove.
4. Gilia densiflora. - Clarks Creek
5. Convolvulus luteolus. - Moj. R.
6. " longipes - McGinnis
7. " Californicus - Cambra
8. Lycium = 426. - Rock Spring
9. " pallidum - Walnut Grove
420. " Cooperi, Moj. R.
1. " Andrsonii Williams Fork
2. " } gracilipes, Gr. n. sp. "
3. " "
4. " Torreyi "
5. " Berlandieri? Hardyville
6. " Andrsonii, Wightii? Ehrenberg
7. Solanum umbelliforme - Cottonwood
8. } " Xanti - McGinnis
9 } Clarks Creek
430. Physalis hederaefolia - Rock Spring
1. " ovalifolia - Ehrenberg
2. Nicotiana Bigelovii - Moj. R.
3. " ipomopsifolia? Williams Fork.
4. " attenuata - Moj. R.
5. Amsonia ~~Amsonia, n. sp.~~ baritrica, n. sp. Moj. R.
6. = 439. McGinnis
7. Asclepias vestita. - Moj. R.
8. " eriocarpa - S. Bernardino
9. " fascicularis. - Moj. R.
440. Astephanus Utahensis - Hardyville
1. ~~Cynoctonum~~ Philibertia linearis - "
2. Gentiana affinis - Halleck
3. Erythraea Muhlenbergii. - ~~McGinnis~~ Moj. R.
4. " Douglasii - McGinnis
5. Chenopodium album - Wadsworth
6. Atriplex Californica - S. Simon Bay
7. Blitum Californicum - Moj. R.
8. Chenopodium leptophyllum - Moj. R.
9. Atriplex hymenelytra - Williams Fork
450. Atriplex Nuttallii - Rock Spr.
1. Grayia polygaloides - Rock Spr.
2. Kochia Americana - Wadsworth
3. Monolepis chenopodioides - Halleck
4. Atriplex pusilla - Camp Halleck
5. Chenopodium ambrosioides - Cambra
6. Mengea ~~sp.~~ Californica Jolon
7. " Californica - Wadsworth
8. Gomphrena globosa - Walnut Grove
9. Rumex maritimus - S. L. Obispo
460. Rumex pulcher & crispus - Cambra
1. " salicifolius - Jolon
2. Polygonum aviculare - Camp Halleck
3. " ~~Fenne~~ Parryi, n. sp. " "
4. Chorizanthe ~~stricta~~ - S. L. Obispo
5. " Californica - Clarks Cr.
6. " uncinata - McGinnis
7. Pentacaena ramosissima. - Clarks Cr.

468. Chorizanthe perfoliata - Moj. R.
9. " brevicornu - "
470. " watsonii - "
1. Oxytheca perfoliata - "
1½ - Verbena polystachya -
2. } Centrostegia Thurberi - Moj. R.
3 }
4. Eriogonum microthecum. - Halleck
5. " Baileyi - Wadsworth
6. " inflatum - Cottonwood
7. " Mojavense n. sp. Mojave R.
8. " = 475. "
9. " Baileyi, yellow fl. - "
480. " } angulosum "
1. " }
2. " pusillum - "
3. " Thomasii - Hardyville
4. " ~~Nuttallii, v. parviflorum~~ virgineum? Moj. R.
5. " pusillum, v. megalanthum - "
6. " deflexum - Moj. R.
7. " = 477. "
8. " = 482. Rock Spr.
9. " fasciculatum. - Springs
490. " } Clarks Cr.
1. " } parviflorum - Cambra
2. " } Redwoods
3. " latifolium - S. Simon Bay
4. " gracile - Jolon
5. " = 484. Cottonwood
6. " virgatum - McGinnis
7. " = 475. "
8. " = 480 "
9. " medium - "
500. " = 486. Wadsworth
1. " = 479. Moj. R.
2. " plumatella - "
3. Oxybaphus Californica - S. L. Obispo
4. Commandra pallida - Cottonwood
5. Arceuthobium vaginatum - Prescott.
6. Phoradendron Californ. - Hardyville
7. ~~Euphorbia~~ Stillingia serpyllifolia - Wadsworth
8. Euphorbia ~~polygonifolia~~ ocellata McGinnis
9. " = 513? ~~Jodinelifolia~~ Prescott.
510 " ~~sebiloba~~ dichrophylla - Walnut Gr.
1. " ~~albomarginata~~ sebiloba - Cottonwood
2. " subpubens, n. sp. = 511. Prescott
3. " albomarginata. - Rock Spr.
4. " sebiloba. - Williams Fk
5. " pedicellifera - "
6. " polygonifolia. - Ehrenberg
7. Stillingia podocephala, n. sp. Moj. R.
8. Tragia nepetaefolia - Rock Spring
9. Argythamnia ~~Argythamnia~~ nuttalli? Williams Fork
520. Mirabilis multiflora - Rock Spr.
1. Abronia umbellata - McGinnis
2. Morus parvifolia - Prescott.
3. Juglans rupestris? - Walnut Grove
3½ Ephedra trifurca - Agency
4. " antisyphilitica, v. pedunculata. Moj. R.
5. " " var. pluribracteata - Rock Spr.
5½. Sagittaria variabilis - Halleck

18

Dr. E. Palmer – 1876.

526. Calochortus ~~Palmeri~~ n.sp.(S.M.) – Rock Spr. – Moj. R. = C. Kennedy, Parish
527. " Palmeri n.sp.(S.M.) – Moj. R.
8. Brodiæa grandiflora – "
9. Milla capitata, v. pauciflora – Prescott.
530. Bloomeria aurea – Moj. R.
1. Milla longipes S.M. n.sp. – Pine Mt. = Br. lxioides
2. Allium Bigelovii – Walnut Grove
3. Cyperus inflexus – Camp Halleck
4. ~~Hordeum pratense~~ – Cottonwood. Elymus Sitanion
5. Bromus breviaristatus, var.? Walnut Grove.
6. Koeleria cristata – Rock Spr.
7. Aristida purpurea – "
8. Brizopyrum spicatum, var. – S. Luis Obispo
9. Muhlenbergia debilis – Ehrenberg
540. ~~Hoffmannia~~ Gastridium? australe – S. Luis Obispo
1. Festuca tenella – Williams Fork.
2. Aristida bromoides. "
3. Boulelouea aristoides – Ehrenberg
4. Vilfa depauperata – Camp Halleck
5. Aira danthonioides – Moj. R.
6. Bromus virens? – "
7. Eriocoma cuspidata – Rock Sp.
8. Sporobolus cryptandrus – Ehrenberg
9. Adiantum Capillus-Veneris – Redwoods
550. Gymnogramma triangulare – S. L. Obispo
1. Pellæa densa – Redwoods
2. } Cheilanthes Fendleri – ~~Carbat Mt.~~ Rock Spr.
2½ } – Carbat Mt.
3. } – Prescott.
4. Woodsia acrostichoides – Prescott.
5. Notholæna Parryi – Hardyville
6. Gymnogramma hispida – Prescott.
7. Adiantum pedatum – Redwoods
8. Aspidium argutum – Pine Mt.
9. " munitum – Cambria.
560.

Localities & Dates.

Ehrenberg – on the Colorado, Arizona – Mar. 4.
Williams Fork – its junction with the Colorado – Mar. 11.
Agency – Mojave Reservation, between last localities
Wickenburg, Arizona – Apr. ~~20~~.
Prescott, Arizona – Apr. 20.
Walnut Grove, Arizona – Apr. 24.
Cottonwood Cr. – Arizona, 75 m. west of Prescott – May 4.
Hardyville, Arizona – May 8.
Rock Spring, S. E. California – May 14.
Mojave River, " " – May 20 to June 8.
S. Luis Obispo, California – June 26
Clarks Creek (Holland's Ranch) – 10 m. from S. Luis Obispo & 4 from Morro Bay – July 2
M'Cinnis' Farm – Head of Salinas, 25 m. N. E. of S. L. Obispo – July 10.
Cambria, California – a mile from seabeach ~~Monterey Co.~~ July 17.
Pine Mt. – Opposite S. Simeon Bay – July 22
San Simeon Bay – July 22.
Springs (Paso Robles Sp.) – 30 m. N. of Cambria – July 25.
Solon, California, Monterey Co. – ~~30 m. N.~~ July 31.
Redwoods, Sta Lucia Mts. – Aug. 2.
Wadsworth, Nevada – Aug. 20.
Camp Halleck, Nevada – Aug. 26.

Carbat Mt. Pass – about 35 m. E. of Hardyville – May 6.
Juniper Mt. – about 30 m. W. of Prescott – Aug. 23
S. Bernardino, Cal.? – June 10.
Santa Cruz – July 24.
Lorke Mountain, near San Francisco – June.

Dr. E. Palmer — Supplementary, 1876.

A. = Colorado valley
B. = Wickenburg, Ariz. — &c.
C. = Prescott, Ariz.

560. Crossosoma Bigelovii — B.
1.
2. "Eschscholtzia Douglasii"
3. Nasturtium palustre — A.
4. Arabis arenicola — B.
5. ~~Draba~~ Arabis (or probably Vesicaria — C.)
6. "Biscutella Wislizeni."
7. Thysanocarpus curvipes — B
8. " sama, var. elegans — B.
9. Lepidium Wrightii — A.
570. Vesicaria (angustifolia — B.) = glandulosa
1. "Thlaspi alpestre."
2. Viola Canadensis — C.
3. " cucullata — C.
4. Calyptridium monandrum — B.
5. Fouquieria splendens — B.
6. Malvastrum rotundifolium — A
7. Sphaeralcea Emoryi — B.
8. Thamnosma montanum — B.
9. Zizyphus lycioides, var. pubescens — B.
580. Forestiera neomexicana, var. Arizonica — C.
581. Lupinus ~~concinnus var.~~ Arizonicus —
2. " hirsutissimus, var? — A.
3. Trifolium gracilentum — B.
4. " Macraei — B.
5. "Hosackia subpinnata" or "subdecumbens"
6. " rigida."
7. "Astragalus Nuttallianus."
8. Astragalus allochrous, n. sp.
9. " not determined — B.
590. Calliandra (Chamaedryp.) — B.
1. Astragalus Arizonicus (Oxytropis) — B.
2. Prunus fasciculata — B.
3. Potentilla Norvegica — A.
4. Oenothera ~~strigulosa~~ — C.
5. " caespitosa — B.
6. " Trichocalyx — B.
7. " Palmeri, n. sp.
8. Montolia ~~Brasiliensis~~ (Montia perfoliata, Watson) — B.
9. Bowlesia lobata — B.
600. Daucus pusillus — B.
1. Townsendia — not named — C.
2. Stylocline microporoides — B.
3. [Psilocarphus Oregonus] — B.
4. "Actinolepis tenuiora" = Stylocline microporoides
5. Layia glandulosa — B.
6. Aplopappus Coultéri — B.
7. ~~Encelia frutescens~~ = Viguiera fluvosa, Gray — radiata — B.
8. Melampodium cinereum — B.
9.
610. Brickellia Coultéri — B.
611. Franseria eriocentra — B.
2. " deltoidea — B.
3. Gnaphalium Sprengelii — A.
4. Senecio multilobatus — B.
5. Malacothrix Calif.? var. glabrata — B.
6. Galium multiflorum — B.
7. Androsace septentrionalis — C.
8. Collomia gracilis — C.
9. Gilia Dennisa? — B.
620. " dichotoma — B.
1. " aurea — B.
2. Phacelia Fremontii — B.
3. " bicolor — B.
4. " micrantha — B.
5. " crenulata — B.
6. " " B.
7. Nama hispida — A.
7½. Eritrichium (nanum) — B.
7. " Pterocarum, v. declinatum — B.
8. " fulvum — B.
9. " " B.
630. Physalis lobata — B.
1½. Mimulus rubellus — C.
2. " " A.
3. Penstemon centranthifolius — B.
4. Orthocarpus purpurascens — B.
5. Collinsia parviflora — C.
6. "Salvia Columbariae."
7. Verbena ciliata — B.
8. Rumex Berlandieri — A.
9. Eriog. Thomasii — A.
640. "Pterostegia drymarioides."
641. Chorizanthe rigida — A.
2. " corrugata — A.
3. "Pariotoria debilis"
4. "Mirabilis Californica."
5. Juniperus ~~Californica, var.~~ (Pachyphlaea) — B.
6. Hierochloa borealis — C.
7. Poa annua — B.
8. " brevifolia — B.
9. Pellaea Wrightiana — B.

Also duplicate numbers —

147. Erigeron divergens — B.
216. Baeria tenerrima — A.
407. Gilia floccosa? — B.
372½. Erit. circumscissum — B.
377. Coldenia Palmeri — A.
521. Abronia villosa — A.
Antirrhinum chytropsum — A.
Sphaeralcea Emoryi, var. —
Astrag. dispermus, Gray, n. sp. B.
cyaneus
226. Actinolepis multicaulis, v. papposa —

Parry & Lemmon.

S. California, 1876.

Checked numbers (x) not in our set

1. Clematis pauciflora
2. " lasiantha
x3. Paeonia ~~pauciflora~~ Brownei
4. Crossosoma Bigelovii
5. Delphinium variegatum
6.
7. " decorum
8.
8. Cardamine pauciseta
9. Tropidocarpum gracile
10. Arabis arenicola
11. Streptanthus flavescens ?
12. Sisymbrium reflexum
11½. Biscutella Californica
13. Thysanocarpus curvipes
14. " laciniatus
15. " pusillus
16. = 13.
x17. Jovellanis arborea
x18. Dendromecon rigidum
x19. Platystigma Californicum
20. Dicentra chrysantha
1. Helianthemum scoparium
2. Viola chrysantha
x3. " pedunculata
4. Arenaria Douglasii
5. Polycarpon depressum
6. Lepigonum marginatum & medium
7. Loeflingia squarrosa
8. Adenophyllum Cooperi
9. Calandrinia breadwise
30. Montia fontana
1. Claytonia linearis
2. Calyptridium roseum
3. Malvastrum Thurberi & Munroanum
4.
5. Sphaeralcea Emoryi
6. Fremontia Californica
x7. Lessingia Mexicana
8. Nama[illegible] montanum
x9. Acer macrophyllum
40. Zizyphus Parryi
1. Rhamnus crocea
x2. Rhus integrifolia
x3. " laurina
x4. " aromatica
x5. Schinus molle
6. Ceanothus crassifolius
7. " "
8. " "
9. " hirsutus
50. " divaricatus
51. Ceanothus cuneatus
2. " integerrimus
3. " divaricatus
4. Lupinus Chamissonis
5. " rivularis
6. " albicaulis
7.
8. " affinis
9. " Breweri
60. " microcarpus
1. " Arizonicus
2. " sparsiflorus
3. " hirsutissimus
4. " concinnus
5. " densiflorus
6. Trifolium gracilentum
7. " involucratum
8. " tridentatum
9. " Macraei
~~9~~
70. " microcephalum
1. " ciliatum
2. Hosackia crassifolia
x3. " glabra
4. " Purshiana
x5. " strigosa
6. " Wrightii
7. " decumbens
8. " argophylla
9. " " var. ?
80. " grandiflora
1. " micrantha
2. " subpinnata & maritima
x3. Psoralea orbicularis
x4. " macrostachya
x5. Dalea Emoryi
6. " Californica
7. Astrag. Coultéri
8. " tricarinatus
x9. " oxycarpus
90. " didymocarpus
x1. " leptinosus
2. " ~~sclerocarpus~~, n. sp.
x3. " Thompsonae
4. " Crotalaria
x5. " Parryi
6. " oxycarpus
7. Amorpha Californica
8. Lathyrus vestitus
x9. Cercocarpus ledifolius
100. Potentilla Wheeleri

22

†101. Rubus ursinus	161.		221
2. Horkelia Californica	2.		2
3. " " var. cuneata (H. Bolandri, var.)	3.		3
4. Fragaria unguiculata	4.		4
† 5. Adenostoma sparsifolium	5.		5
† 6. " fasciculatum	6.		6
† 7. Heteromeles arbutifolia	7.		7
† 7½ Prunus 8. Prunus subcordata	8.		8
† 9. Alchemilla arvensis	9.		9
†110. Boykinia occidentalis	170.		230
× 1. Tellima	1.		1
× 2. Saxifraga virginiensis	2.		2
× 3. Heuchera pilosissima	3.		3
× 4. Ribes	4.		4
× 5. " sanguineum	5.		5
× 6. Tillaea minima	6.		6
7. Sedum spathulifolium	7.		7
8. Cotyledon formosa	8.		8
9. " laxa	9.		9
†120. Lythrum alatum	180.		240
1. } Epilobium coloratum	1.		1
2. }	2.	Vigueria glaucosa, Gray	2
† 3. Eulobus Californicus	3.		3
4. Oenothera Californica	4.		4
5. " trichocalyx	5.		5
6. " biennis, var. Visitchiana	6.		6
7. " micrantha + micrantha	7.		7
7½ " micrantha 8. " biennis	8.		8
9. " dentata, var. grandiflora	9.		9
130. " strigulosa	190.		250
1. Gayophytum racemosum	1.		1
† 2. Gl. sessilis	2.		2
3. " cordiphylla	3.		3
4. Godetia epilobioides	4.		4
5. " quadrivulnera,	5.		5
6. Clarkia rhomboidea	6.		6
7. Montolia disjuncta	7.		7
8. " trianophia	8.		8
9. " micrantha?	9.		9
† 9½ Galium glomerata	200.		260
140. Sanicula Menziesii	1.		1
1. " bipinnatifida	2.		2
† 2. " tuberosa	3.		3
~~3.~~ [" maritima]	4.		4
3. Apiastrum angustifolium	5.		5
4. Daucus microcarpus	6.		6
5. Daucus pusillus 6. Osmorhiza brachypoda	7.		7
7. Cymopterus ?	8.		8
8. Lomatium ~~angustifolium~~, ~~var.~~ 7 ~~f~~.	9.		9
9. Peucedanum utriculatum	210.		270
150. Cornus Nuttallii	1.		1
† 1. Lonicera hispidula	2.		2
2. Galium Nuttallii	3.		3
3. } " angustifolium	4.		4
4. } 4½ " " var.	5.		5
† 5. Plectritis macrocera	6.		6
6.	7.		7
7.	8.		8
8.	9.		9
9.	220.		280
160.			1
			2
			3

221.
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230.
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9.
300.
1.
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3.
4.
5.
6.
7. " lepidus
8. Mimulus Palmeri, n. sp.
9. " Fremontii
310. " brevipes
1. " glutinosus
2. " rubellus
× 3. "
× 4. "
5. Castilleia parviflora
6. " foliolosa
7. Orthocarpus purpurascens
8. " lasiorhynchus
9. Cordylanthus tenuis
320. " filifolius, var.
1. Pedicularis semibarbata
2. Aphyllon uniflorum
3. " ludovicianum
4. Brachinckia strobilacea
5. Belloperone Californica
6. Hyptis Emoryi
7. Pycnanthemum Californicum
8. Monardella macrantha
9. " odoratissima
330. " hypoleuca, n. sp.
1. " lanceolata
2. Salvia carduacea
3. Audibertia stachyoides
4. " polystachya
5. " vivida
6. " canescens, var.
7. Scutellaria angustifolia
8. " tuberosa
9. Stachys albens
340. Trichostema micranthum
1. " lanatum, Benth.
2. Verbena polystachya
3. Oreodaphne Californica
× 4. "Abronia asinaria"
5. " latifolia
6. " umbellata
7. " villosa
8. + 9. Mirabilis Californica

24

+350. Atriplex.
+1. Chenopodium
+2. Grayia polygaloides
3. Monolepis chenopodioides
4. Hesperocnide tenella
+5. "Urtica dioica"
6. Eriogonum Thurberi
7. " pusilla
8. " Thurberi
9. " gracile
360. " Wrightii
1. " saxatile, n. sp.
2. " elongatum
3. " fasciculatum
4. " gracile
5. Phrostegia dryomoides
6. Oxytheca trilobata
7. Centrostegia leptoceras
8. Chorizanthe Xanti, n. sp.
9. " staticoides
370. " Parryi, n. sp.
1. 370½ " Californica
2. Lastarriaea Chilensis
+3. Rumex conglomeratus
+4. Phoradendron juniperinum, var
5. Simmondsia Calif.
6.
7.
+8. Euphorbia
+9. " petaloidea ?
380. " micromeris
+1. Croton
+2. Stillingia grandis
+3. Libocedrus decurrens
4. Habenaria elegans
5. Iris longipetala
+6. Lilium Humboldtii
7. "
8. Calochortus splendens
9. " luteus
390. Allium —— ?
1. Yucca Whipplei
2. Bloomeria aurea
+3. Milla ~~[illegible]~~
4. Brodiaea capitata
+5. Carex
+5½. "
+6. "
+7. "
8. Eleocharis —?
9. Scirpus pungens
+400. Gramineæ.
1.
2.
3.
4.
5.
6.
7.
8.
9.
410.

411.
2.
3.
4.
5.
6.
7.
8.
9.
420.
1.
2. Stipa coronata, Thurber
+3.
+4. Polypodium Californicum
+5. Cheilanthes Fendleri
6. " Clevelandii
7. " Covillei
8. Notholaena Parryi
9. " candida
430. " Sinclairii
1. Gymnogramme triangularis
+2. Pellaea andromedæfolia
+3. " ornithopus
+4. Woodwardia radicans
+5. Aspidium munitum
+6. " aculeatum
7. Adiantum Chilense

Palmer — S. Utah & Arizona 1877

1. "Clematis" "ligusticifolia" B.V.
2. "Anemone multifida", B. (* Ranun. Andersoni v. Emilia)
3. "Ranunculus" aquatilis
4. " " Cymbalaria" St.G.
5. R. delcratus, 2. B.V.
6. " " B. "macranthus" = repens
7. Aquil. formosa. B.
8. " " caerulea", B.
9. Delph. Decaisnianum St.G. ×
10. " azureum, "
11. "Aconitum uncinatum" B. ×
12. "Thalictrum fendleri". B.V.
13. "Vesicaria Fremontii" M.M.
14. "Erch." St.G. ×
15. "Cogswellia aurea" St.G. ×
16. Arabis Holboellii "
17. Thlasp. bisulcum "
18. Arab. arcuata ×
19. "Cardamine cordifolia" B.
20. Sisymbrium linifolium, Mutt R.C.
21. Erysimum inconspicuum (s. junceum), W. St.G.
22. " asperum St.G.
23. "Stanleya pinnatifida" "
24. Caulanthus crassicaulis M.K.
25. Thlaspidium arenicolum. B.V.
26. Arabis perfoliata. R.C.
27. Thlasp. [illegible], M.-n.sp. Tr.
28. " laciniatum St.G.
29. Arabis lyrata "
30. Streptanthus [illegible] "
31. "Sisymb. canescens" " ×
32. " " " with fungus B.V. ×
33. Matthiola [illegible]. R.C. ×
34. "Physaria newberryi" M.K.
35. "Vesicatella Wislizeni". St.G.
36. "Physaria [illegible] curvipes" "
37. "Lepidium integrifolium" R.C.
38. " " Fremontii" St.G. ×
39. " montanum. M.K.
40. " intermedium + integrifolium. St.G. ×
41. " " St.G.
42. Vesicaria Gairdnerii. St.G.
43. " ~~alpina~~. Arizonica, n.sp.
44. Alyssum angustifolia. B.
45. "Alyssum aurea" St.G. ×
46. " "integrifolia"
47. "Oligomeris ambigua", Mudd. ×
48. "Viola cucullata" M.K.
49. " " Nuttallii". "
50. * Polygala subspinosa M.K. ×
51. "Krameria parvifolia" St.G. ×
52. * Stellaria Kingii. "
53. " Arenaria Fendleri, var. " ×
54. Stellaria borealis, B.V.
55. " " var. corollina, B.
55½. " jamesii, B.V.
56. "Claytonia perfoliata". St.G. ×
57. " " Chamissoanis". B.
58. "Lewisia brachycalyx". M.K. ×
58½. "Hyp. Scouleri" R.C. ×
59. "Calyptridium roseum" M.K.
60. "Sesuvium prostratum" B.
61. Sidalcea malviflora. B.
62. " candida, B.
63. Sphaeralcea angustifolia, Mudd.
63½. " Emoryi St.G.
64. "Malvastrum exile". St.G. ×
65. Nuttallia scabra.
66. Linum rigidum, M.K.
67. "Lassia lucida" St.G.
68. Gramnium caespitosum, Tr.
69. " Richardsonii Tr. ×
70. "Erodium cicutarium". St.G. ×
71. " macrophyllum "
72. Ptelea angustifolia Tr. ×
73. " " " " M.K. ×
74. Dicamnia [illegible] montanum, Mudd.
75. Glossopetalum quinquenervum. B.V.
76. Pachystima myrsinites. B.
77. Mortonia scoparia Mudd.
78. Ceanothus Fendleri, M.K.
79. " " " B.
80. " Greggii. M.K.
81. Rhus glabra St.G. + aromatica, var.
82. "Vitis Arizonica". St.G.
83. Lupinus barbiger. R.C.
84. " [illegible] (?) St.G.
85. " Arizonicus B.D.
86. " " jamesii". St.G. ×
87. " [illegible] " ×
88. " Kingii. M.K.
89. "Thermopsis fabacea". St.G.
90. Trifolium Kingii, B.
91. " [illegible], B.
92. " longipes. B.
93. "Astragalus rigidus" M.K.

94. "Hosackia rigida var." MK.
95. " " rigida" Stg.
96. Paroselea castorea, n. sp. B.
97. " mephitica, n. sp. B.
98. "Dalea mollis": B.D. ×
99. " Johnsonii. Stg.
100. "Glycyrrhiza lepidota". "
101. } Astragalus amphioxys, n. sp. Mudy
102. } " "
103. " Diphysus, Gray "
104. " Parryi, var. laxiflorus B.V.
105. " Mohiacensis, Gray, n. sp. MK.
106. " arnicinus, Watson "
107. " atratus, Watson? Tr. ×
108. " humistratus, var. (?) MK. ×
109. " acanthosus, var. n. sp. "
110. " Rabdosemus, Gray, n. sp. "
111. " tetrapterus, Gray, n. sp. Mudy
112. " procerus, Gray, n. sp. Stg.
113. " confertiflorus, Gray, n. sp. "
114. " lanceolatus, Gray, n. sp. Beano
115 " "gracilis" R.C. ×
116 " Coulteri? MK. ×
117. " albicaulis, Gray, n. sp. MK
118 " campestris BD.
119 " megacarpus, var. Parry B.
120 " "Shattuckianus" Stg. ×
121. = 106.
122 " "Kentrophyta" MK.
123. " " " var." "
124. = 106. " MK.
125 Vicia exigua Stg. ×
126 " "Americana" RC. ×
127. Astrag. pulcher, var. myriophilus, ×
128. " polyanthus MK.
129. Prosopis juliflora ×
130. Acacia Greggii BD.
131. Petalostemon Scaberum Stg.
132. "Gymnocladus" MK. ×
133. Parosela ramosissima MK.
134. Psoralea Emoryi "
135 " "fasciculata" Stg.
136. "Spiraea" MK, "tricolor, var."
137 " "microphylla" BD.
138. " " "caespitosa" MK.
139. "Cotoneaster rotundifolia" Stg.
140. Cowania Mexicana Stg.
141. "Purshia glandulosa" Stg. ×
142. "Geum triflorum" BD
142½ " macrophyllum MK.
143. Pot. rivalis, v. millegranum Stg.
144. " gracilis MK.
145. " " var. flabellifolia MK.

146. Pot. glandulosa MK.
147. Rosa Calif. v. ultramontana Tr.
148 Ulmus tomentella MK.
149. "Honcheria mexicana" B.
150. " parvifolia, Mich. BV.
151. Philadelphus microphyllus. B.
152 Ribes cereum MK ×
153. Sedum debile B.
154. "Epilobium apicatum" B
155. " crassifolium? B.
156 " tetragonum B.
157. Gaura parviflora B ×
158 Gaura coccinea Stg. ×
159. Oen. triloba BV.
160. " albicaulis Stg. ×
161 " "caespitosa" MK. ×
162 " ambigua, n. sp. Stg.
(Oen. albicaulis, v. decumbens)
163. " albicaulis, forma Stg.
164. " chamaenerioides, Stg.
165 " stipulosa, var. (?) BV.
165½ " "gracilora" Stg. ×
166. " stipulosa, v. pubescens MK.
167. " Parryi, Stg.
168 } " brevipes, v. parviflora Kit.
169 } BD
170 Mentzelia laevicaulis RC. ×
171 " multiflora, var. = ? Parry
172. " multiflora, BD.
173. " Bigelovii
174. " albicaulis Stg. ×
175 Petalonyx nitidus (Ribes) Stg.
176. Lepustemon apiculatum "
177. Cynoxylon purpureum MK
178. Pancratium Parryi MK
179. Berula angustifolia B
180. Ferula Hermosillensis Stg.
181. Perseia mucronata MK.
182 Sicuta, ? aculeata RC
183 ~~? angulata~~ RC
Selinum Kingii
183½ Garrya elliptica Stg.
184½ Cynoxylon ? cornus longiflorus v. pubescens
185 " rotundifolius
186. " oreophilus
186½. Galium aparine, v. minor RC ×
187. Symphoricarpos Stg.
187½. Galium trifidum B.
188. Kellogia galioides BV
188½. Galium multiflorum MK
189 Galium aparine B ×
189½ " B
190. Hedyotis glauca BD
191. Brickellia atractyloides Stg
192 " linifolia RC ×
193 "Carphephorus" MK ×

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194. Gutierrezia Euthamiae — B,
195. Solidago pumila, Hott. — "
196. Amphiachyris Fremontii — BD
197. "Acamptopappus sphaerocephalus" — SH, x
198. Monoptilon bellidiforme — "
199. Laphamia Palmeri, n. sp. — BD
200. Chrysopsis cassiniana, Hott. x — "
201. Aplopappus linearifolius x — "
201½ " gracilis, Gray — "
202. " armerioides — RC
203. ~~Haplopappus~~ nanus, Eat. — BD.
204. Zoanoscadia — ? — Tr
205. Solidago Canadensis? — B,
206. " Virgaurea, v. multiradiata — "
207. Aster apricus — BD
208. " tortifolius x — SH.
209. " adscendens var. + a. falcatus — B
210. " carnescens x — Mudd
211. " Tanacetifolius — SH.
212. Erigeron stenophyllum, v. tetrapterum — "
213. " angustatum, Gray — RC
214. "Diplopappus ericoides" x — SH.
215. Erigeron caespitosum, Hk.? — RC
216. Erigeron flagellare — BV.
217. " Divergens, T & G. x — Tr.
218. " " "var. simorum" — "
219. " " " — B.
220. " macranthum, Hott — "
221. " ~~acris~~, armeriaefolius — "
222. " concinnum x — SH.
223. " Divergens, & S. bellidiastrum — "
224. " ~~concinnum~~, v. laphamatis — "
225. Stylocline microporoides — "
226. "Filago californica" — RC.
227. "Antennaria Xylorhiza" — Mdd.
228. " [illegible] — BV.
229½ " " var. — Tr.
229. [illegible] — B.
230. [illegible] Spragelli — SH.
231. " palmeri, or n. sp.? — B.
232. "[illegible]" — SH.
233. "[illegible]" — BD x
234. "Friesonia [illegible]" — SH.
235. [illegible], Gr. — Mudd
236. Balsamorhiza [illegible] — SH.
237. [illegible] canescens — BD.
238. " frutescens — SH.
239. " farinosa, Gray — BD
240. (X[illegible]) Verbesina encelioides — SH
241. ([illegible]) Hymenoxys multiflora — SH.
242. " [illegible] multiflora, R. — BV.
243. " jutricia? — Mudd
244. Layia glandulosa — SH.
245. ~~Layia~~ Gymnostemma multiflora var. hispida — B,
246. Rudbeckia laciniata, v. californica — B,
246½ " " — Tr
247. Baileya multiradiata — SH.
248. " pleniradiata — " x
249. ~~Syntrichopappus fremontii~~ Actinolepis wallacei — SH. x
250. Actinolepis ~~Hallii~~ lanuginosa, Gr. — "
250½ Syntrichopappus fremontii v. semi 249. — " x
251. "Palafoxia Hookeri" — "
252. "Chaenactis Douglasii" — MK x
253. " " macrantha" — SH. x
254. " " carphoclinia" — " x
255. " " stevioides" — " x
256. } Gaillardia pinnatifida v. integripetala
256½ } " " — BD
257. " acaulis — MK
258. " pinnatifida — Tr
259. Actinella ~~[illegible]~~ acaulis — Tr
260. " ~~[illegible]~~ bigelovii, n. sp. — MK
261. " Richardsonii — RC
262. "Achillea millefolium" — RC
263. "Tetradymia spinosa" — SH.
264. " " "glabrata" — RC
265. "Perityle [illegible]" — SH.
266. " " [illegible] — "
267. Senecio Douglasii, var. — BV
267½ " aureus, v. crocatus — "
268. " Douglasii — RC
269. Arnica californica — RC
270. "Hymenopappus tenuifolius" — SH.
271. " " "lutens" — MK
272. Thelesperma [illegible] — MK
273. " [illegible] mundulus — B
274. " Mexicanus — MK
275. " " , var. Sandbergii — B
276. Troximon? aurantiacum — B
277. } [illegible] — BD
278. } " [illegible], v. glabrata — SH
279. } " Sonchoides — "
280. } " — MK
281. " [illegible] — "
282. "Glyptopleurum [illegible]" — SH.
283. Calycoseris ~~[illegible]~~ Parryi — "
284. [illegible] Californica — MK
285=283 " ~~[illegible]~~ — BD
286. [illegible] exigua, var — Mudd
287. " Bigelovii — "
288. Hypochoeris [illegible] — "
289. Tragopogon glaucum v. lacinianum — Tr
290. "Microseris [illegible]" — B
291. Lactuca occidentalis — Tr
292. ~~" [illegible]~~ — BV
293. "[illegible] lanceolata" — BV.

294. Arctostaphylos pungens SHG,
295. Pyrola rotundifolia, v. uliginosa B,
296. " chlorantha B,
297. " secunda B,
298. Dodecatheon meadia BV
299. Fraxinus anomala SHG
300. Apocynum cannabinum SHG,
301. Asclepias erosa "
302. Ammonia bracifolia, Gr. MK.
302½ Asclepias decumbens
303. Erythraea douglasii B
304. Frasera speciosa B
305. " albomarginata MK
306. Phlox longifolia MK
307. " Douglasii "
308. Polemonium caeruleum BV,
309. Collomia grandiflora B
310. " linearis BV,
311. " gracilis SHG
312. Gilia tenuiflora "
313. " dichotoma MK
314 " Brigeroii "
315 " pungens BV
316. " aggregata BD
317 " congestiva RC
318. " polycladon SHG
319. " pinnatifida, Torr. Tr
320 " floccosa BD
321 " filiflora SHG
322. " longiflora BD
323 " filiformis SHG
324 " leptomeria "
325 " inconspicua "
326. " var. simulata "
327. " " " "
328 " " "
329. " aggregata B
330 " v. Brigeroii MK.
331 Hydrophyllum occidentale MK.
332. Phacelia crenulata BV
332½ " circinata, MK BV
333. " ramosissima SHG,
334. " glandulosa, v. Mexicana Tr,
334½ " hispida, Gray Tr.
335. " integrifolia, v. Palmeri SHG
336. " micrantha "
337 " pulchella "
338 " rotundifolia "
339 Nama demissum "
340. Eriadyction angustifolium "
341. Coldenia [illegible] Lundy
342. Lithospermum [illegible] SHG,
342½ " canescens "
343 Eddya hispidissima
344. Lithospermum pilosum B,
345. " multiflorum, Torr " "
346. = 344
347. Mertensia Sibirica BV,
348 Eritrichium barbigerum SHG.
349 Amsinckia tessellata "
350. Eritrichium barbigerum, Gray
351. " oxycarpum
352. " holosteum, v. arbuscula
353. " micranthum SHG.
354. " pterocarpum, v. pectinatum "
355 " circumscissum "
356 " leucophaeum "
357. " glossum "
357½ " Californicum & arbuscissimum
358. Eritrichium floribundum BV.
359. " Rydbergii SHG
360. Pectocarya linearis "
361. Cressa Cretica "
362. Solanum nigrum RC
363. Physalis Fendleri, v. cordifolia "
363½ " lanceolata, v. lanceolata ("cuet")
364. Lycium "Cooperi" BD
365. " Torreyi ? (or Berlandieri) SHG
366. " ~~Gordonii~~ Torreyi "
367. " palliduum "
368. Nicotiana trigonophylla "
369. Mohavea viscida Mudy
370. Collinsia parviflora MK.
371. Pentstemon Palmeri MK
372. " Eatoni SHG
373. " Parryi MK
374 " MK
375 " strictus (comenthus, Gray) B.
376 " glaucus, v. cyanocaulis B,
377. " watsoni, Gr MK
378. " acuminatus, var. "
379. " anchiganus SHG
380 " pinnatus, v. Thompsonae MK
381. Mimulus rubellus Tr.
382. " "
382½ " MK.
383. " Parryi "
384 " lutens "
385. Limosella aquatica B.
386. Veronica peregrina RC
387 " Americana
388. Castilleja linariifolia MK
388½ " miniata BV
389 Aphyllon fasciculatum BV
390. " Californicum & ludovicianum RC
391. Chilopsis angustifolia SHG
392. Martynia louisiana B
393. Mimulus cardinalis SHG

Palmer, – 1877.

394. Salvia Columbariae — SHG.
395. Antirrhinum incanum — MK
396. Lophanthus urticaefolius — B
397. Hedeoma pilosiuscula — BL
398. Dracocephalum parviflorum — SHG
399. Salvia mexicana — "
400. ~~Lantana~~ Buddleia marrubiifolia — "
401. Verbena bracteosa — "
402. Selinocarpus diffusus — "
403. "Abronia fragrans" — "
404. " villosa — "
404½ " nana, n. sp. — B.
405. " cyclopterae — Mudd.
406. Chenop. fremontii, v. incanum — SHG.
407. " " "Botrys" — "
407½ = 406.
408. } Monolepis chenopodioides — M.
409 }
410. Atriplex confertifolia — BV
411. " canescens — "
412 } " Nuttallii — MK
413 } — "
414. } = 411. — "
415 } — SHG.
416. "Eriogonum polygaloides" — "
417. "Sarcobatus vermiculatus" — "
418. Nyssa biflora — BV
419. "Persicaria Debile" — MK
420. "Polygonum tenue" — "
421. "Rumex" — BV
422. " hymenosepalum — SHG
423. "Eriogonum Thurberi" — "
424. Eriog. fasciculatum — "
425. " crassifolium — MK
426. " umbellatum — "
427. " caespitosum — "
428. " racemosum — B
428½ " Plumatella, var.? — "
429. " fabrosum, n. sp. — RC
430. " deflexum — SHG.
431. " maricopae, n. sp. — RC
431½ " angulosum — SHG
432. " sulcatum, n. sp. — "
433. " inflatum — "
433½ " gracile, var. — "
434. " trichopodum — "
435. " ovalifolium, v. tenue — "
436. " Thomasii — Mudd.
437. " [illegible] — MK
438. = 436. — Mudd.
439. Tragia stylaris — Tr.
440. Euphorbia peplophila, n. sp. — " Engelm.!
441. " lucida Engelm.! — MK
442. " Parryi — Mudd.
443. } Euphorbia Fendleri — Mudd.
444 } " — MK
445. " albomarginata — SHG
446. Cnemidia pallida — "
447. "Anemopsis Californica" — "
448. Ephedra antisyphilitica — "
449. " trifurca — "
450. "Calycoseris flexuosa" — "
451. " flexuosa & Nuttallii — MK
452. " Nuttallii R — Tr
453. "Altium Palmeri" — B
454. " crisoides, n. sp. — SHG
455. "Iris" Missouriensis (Colorica) — BV
456. "Sisyrinchium" bellum — SHG
457. "Triglochin maritimum" — RC
458. Zygadenus paniculatus — MM
459. "Zygadenus glaucus" — BL
460. "Habenaria dilatata" — RC
461. " "hyperborea" — B.
462. "Milla capitata" — SHG
463. Juncus "xiphioides, var." — B
464. " ("pedicellatus") = J. Balticus — Mudd.
465. " xiphioides, v. montanus" — RC.
465½ " — "
466. Carex aurea, Nutt. — B
467. Scirpus — Mudd.
468. Sporobolus cryptandrus, v. flexuosus — "
469. Agrostis verticillata? — "
470. Poa annua — "
471. Festuca Fendleri — MM
472. Bromus cuspidatus — Mudd.
473. Elymus condensatus — RC
474. Poa [illegible] — "
474½ " — MK
475. Phleum pratense — RC
476. Aristida purpurea — MM
477. Aristida ? — Mudd.
478. Agrostis — RC
479. Glyceria nervata — "
480. Sporobolus asperifolium — B
481. Vilfa [illegible] — B
482. Calamagrostis longifolia — "
483. Sporobolus obtusatus — "
484. Aira caespitosa — "
485. Poa — "
486. Calabrosa aquatica — "
487. Poa — "
488 = 484 — BV
489. Poa — SHG
490. Agrostis scabra — B
491. Bromus brevicristatus, var.? — Tr.
492. Poa — "
493. Stipa spartea — "
494. Pleuropogon Sabinii — "
495. Hordeum spiceatum — "

496. Hordeum pusillum Mudy
497. "Pellaea longimucronata". Stg
498. Cheilanthes lanuginosa. R.C
499. Mirbelia Parryi Stg.
500. " tenuisa "
501. "Woodsia oregulina" Tr.
502. "Asplenium filix foeminum B.

Localities.

MK = Mokiak Pass, 20 m. SE. of St. George, in Arizona
Mudy = 100 m. S. of St. George — Apr. 17, 1V. = St. Thomas, Nevada
B.D. = Beaver Dam, 45 m. S. of St. George, in Arizona
St.G. = St. George
Tr. = Trumbull, 60 m. S. of St. George, in Arizona
M.M. = Mountain Meadows, 50 NW. St. George, in Utah.
B. = Beaver City & vicinity, Utah.
R.C. = Red Creek = Paragonah, Utah
B.V. = Beaver valley, near Red Creek, Utah.

Dr. W. Matthews. – April, 1879
Camp Bidwell, Calif.

Ranunculus multifidus, Pursh.
" Nelsoni, var. tenellus, Gray
" aculeatus, L. – not in Calif.
" aquatilis, L., var. caespitosus,
Paeonia Brownii, Dougl. –
Berberis aquifolium, Pursh.
Ranunculus digitatus, Hook., var.?
Viola Nuttallii, Pursh
" aurea, Kell.
" Beckwithii, Torr.
Stellaria borealis, Bigel.
" Jamesii
Claytonia Chamissonis, Esch.
Trifolium involucratum, Willd.
Astragalus ciliatus, Torr.
Lewisia rediviva, Pursh.
Lathyrus pulcher, L., var.
Prunus demissa, Walp.
" emarginata, Walp.
" Andersonii, Gray.
Tellima alternifolia, Walp.
Ribes oxyacanthoides, L.
" cereum, Dougl.
" aureum, Pursh.
Epilobium paniculatum, Nutt.
" " ramosissimum, Pers.
Galium aparine, Watson
Lithophragma parviflorum, Nutt.
Pentstemon heterophyllus, Watson
Blepharipappus scaber, Hook
Chaenactis Douglasii, H + A.
Crocidium multicaule, Hook.
Troximon grandiflorum, Gray, var.
Taraxacum officinale, L.
Troximon glaucum, Nutt., var.
Pyrola picta, Hook
Pterospora andromedea, Nutt.
Frasera albicaulis, Hook. – not in Calif.
Collomia grandiflora, Dougl.
Hydrophyllum capitatum, Dougl.
Amsinckia Menziesii, H + A.
Eritrichium } leiocarpum
" }
Lithospermum pilosum, Nutt.
Mertensia Sibirica, Gray
Eritrichium Californicum, Gr.
– Collinsia parviflora, Dougl.
– Gilia grandis, Dougl.

– Pentstemon confertus, Dougl., var. c. [illegible]
– " confertus, var. " "
– Mimulus nanus, H + A.
– " primuloides, Benth.
– Veronica Americana, Schwein.
– " serpyllifolia, L.
– Scutellaria nana
– Monardella villosa, var. glabella, Gr.
Lophantus rupestris, Benth.
Plectritis macrocera, Torr.
Rumex occidentalis, Watson
Sisyrinchium grandiflorum, Dougl.
Cypripedium montanum, Dougl.
Leucocrinum montanum, Nutt.
Fritillaria pudica, Pursh
" atropurpurea, Nutt.
" lanceolata, var. gracilis
Camassia esculenta, Lindl.
Allium — ?
" platycaule, Watson
Iris Missouriensis, Watson
Zygadenus paniculatus, Watson
Calochortus macrocarpus, Dougl.
– Gilia [illegible], Benth., var.
Linum micranthum, Gray
Gilia interrupta, Steud.
Spiranthes Romanzoffiana
– Orthocarpus [illegible],
Synthyris reniformis, Benth.
Silene Douglasii, Hook
Sidalcea malviflora, Gray
Eriogonum nudum, Dougl.
– Madia sativa, Mol., var. racemosa, Gray
– Blepharipappus scaber
Eriogonum vimineum, Dougl.
– Hemigraphis [illegible]
Eriogonum angulosum, Benth.
Plectritis macrocera, Torr.
– Collomia leptalea
Arabis arenicola, Gray
– Saxifraga integrifolia
Linum micranthum, Gray
– Collomia grandis
Zygadenus paniculatus, Watson
Saponaria vaccaria, L.
Carex — too young

Specimens named for Marcus E. Jones — his Utah collection — as per letter of Oct. 6/79

350. Anemone multifida
349. Aquilegia cærulea
356. Draba alpina, L.
432. Brassica vulgaris,
117. Sisymbrium inci
190. } Nasturtium obtusu
352. }
372. Silene Menziesii
203. Arenaria verna, v
363. " verna
362. Sagina Linnæi, P
439. Lupinus argente
439A. " lapiflorus,
187. " argenteus,
35. Medicago lupulina
440. " denticulat
46. Trifolium pauci
347. " involucrat
210. Astragalus campest
231. Oxytropis Utahensis,
373. Saxifraga cæspito
267. Epilobium colorat
266. " glaberrim
145. Gayophytum diffu
144. Glycosmis occiden
170. Cicuta ficifolia
281. Galium bifolium
466. " aparine, L
75. " triflorum,
283. " trifidum,
481. Pyrola rotundifolia,
395. " chlorantha, Sw.
42. Erythræa Muhlenbergii
230. Phlox Douglasii, Hook
106. Lilia Nuttallii, Gray
405. " Watsonii, "
137. } Phacelia circinata, Jacq.
407. }
484. Heliotropium Curassavicum
483. Eritrichium leiocarpum, Watson
331. Cuscuta decora, Chois.
12. Physalis lanceolata, Mx., var. lævigata, Gray
60. Ranunculus aquatilis, var. Jaffrayanus
395. Mimulus luteus, var. alpinus, Gray

Oct. 6. 79
Grinnell, Iowa

Prof. Watson,
Dear Sir,

Your favor has arrived. I will accept your terms and send you a full set of my Utah plants for the names and corrections to the plants that I send you today.

Please correct all errors and name all the species and especially the varieties if they do not already have a name. I have taken great pains to arrange all the names in the enclosed list in their natural order and if I have erred in any respect please

Specimens named for Marcus E. Jones —
— his Utah collection — as per letter of Oct. 6/79

350. Anemone multifida, Ro
349. Aquilegia cærulea
356. Draba alpina, L.
432. Brassica vulgaris, K
117. Sisymbrium inci
195.} Nasturtium obtusu
352.
372. Silene Menziesii
203. Arenaria verna, var
363. " verna
362. Sagina Linnæi, Pr
439. Lupinus argente
439A. " laxiflorus, D
197. " argenteus, L
35. Medicago lupulina,
440. " denticulata
46. Trifolium pauciflo
347. " involucrat
210. Astragalus campestris
231. Oxytropis Uralensis, V
373. Saxifraga cæspitosa
267. Epilobium coloratum
265. " glaberrim
145. Gayophytum diffusu
144. Glycosmis occidenta
170. Cystopteris fiticin
251. Galium bifolium, K
466. " aparine, L.
75. " triflorum,
253. " trifidum, L
451. Pyrola rotundifolia, var
395. " chlorantha, Sw.
42. Erythræa Muhlenbergii
230. Phlox Douglasii, Hook
106. Gilia Nuttallii, Gray
405. " Watsoni, "
137.} Phacelia circinata, Jacq.
407.
454. Heliotropium Curassavicum
453. Eritrichium leiocarpum, Watson
331. Cuscuta decora, Chois.
12. Physalis lanceolata, Mx., var. laevigata Gray
60. Pentstemon aquosus, var. Jaffrayana
395. Mimulus luteus, var. alpinus, Gray

mention it.
Please return the enclosed list and the plants (for which I enclose sufficient postage) and I will send you a full set with printed labels full specimens in all cases where it is possible as soon as I can get the labels printed and the plants put up.
I would also be very much obliged if you will give me the name of the Townsend Pentstemon & two Bigelovias that I sent you last year. You promised to send the names to some of them in a few days but another season has passed and they are not here.
Hoping to hear from you soon I am Very Truly
Marcus E. Jones

Specimens named for Marcus E. Jones —
— his Utah collection — as per letter of Oct. 6/79.

350. Anemone multifida, Dc.
349. Aquilegia cærulea, James
356. Draba alpina, L.
432. Brassica vulgaris, R.Br., var. stricta
117. Sisymbrium inciemum, Eng., var. Harbrigianum
195. } Nasturtium obtusum, Nutt.
352. }
372. Silene Menziesii
203. Arenaria verna, var. hirta
363. " verna
362. Sagina dimati, Post
439. Lupinus argenteus, var. decumbens
439A. " lapiflorus, Dougl.
197. " argenteus, Pursh
35. Medicago lupulina, Lin.
440. " denticulata
46. Trifolium pauciflorum, Nutt.
347. " involucratum, Willd.
210. Astragalus campestris — reduced form, small-leaved
231. Oxytropis Utahensis, n. sp.
373. Saxifraga cæspitosa, L.
267. Epilobium coloratum, Muhl
265. " glaberrimum, Barby, apparently var. latifolium
145. Gayophytum diffusum, Torr.
144. Glycosmis occidentalis, Nutt.
170. Ligusticum filicinum, Watson
281. Galium bifolium, Watson
466. " aparine, L.
75. " triflorum, Mx
283. " trifidum, L.
451. Pyrola rotundifolia, var. incarnata, Hook.
395. " chlorantha, Sw.
42. Erythræa Nuttallii
230. Phlox Douglasii, Hook
106. Gilia Nuttallii, Gray
405. " Watsoni, "
137. } Phacelia circinata, Jacq.
407. }
454. Heliotropium Curassavicum
453. Eritrichium leiocarpum, Watson
331. Cuscuta decora, Chois.
12. Physalis lanceolata, Mx., var. lævigata, Gray
60. Pentstemon aquilus, var. Jaffrayana
395. Mimulus luteus, var. alpinus, Gray

164. Mimulus moschatus
65. Veronica Anagallis
139. Castilleia minuta, Gray
401. " pallida
400. " " var. septentrionalis, Gray
152. Lophanthus urticaefolius, Htt
337. Abronia fragrans, Nutt.
143. Eriogonum heracleoides, Nutt.
336. " Thomasii, Torr.
140. " chrysocephalum, Gray
327. " brevicaule, Nutt.
327 A. " " a form
183. Rumex crispus, L.
183 A. " occidentalis, Watson
221. Polygonum minimum, "
65. " nodosum
67. " Persicaria
100. " tenue, Mx
495. " Hydropiper
299 A. Amaranthus blitoides, Watson
329. Suæda depressa, Ledb. — probably
17. " " var. erecta, Watson
60. " intermedia, Watson ?
176. Chenopodium leptophyllum, Nutt., var. oblongifolium, Watson
490. " rubrum, L.
49. " glaucum
320. Atriplex patula, var. subspicata, Wats.
491. " "
91. " Nuttallii, Watson
306. " truncata, Gray
492. Kochia Americana, Watson
493. Spirostachys occidentalis, Watson
493 A. Salicornia herbacea
27. Chenopodium Botrys, L.
502. Habenaria hyperborea
97. Juncus Drummondii
503 A. " xiphioides, var.
199. " longistylis, Torr.
94. " Mertensianus, Bong.
94 A. " " the same probably?
504. Scirpus pungens, Vahl
16. " maritimus, L
506. Carex obtusata, Lilj
252. " Hoodii, Boott
215. " Douglasii, Schw.
95. " festiva, Dew.
95. " Kellogii, Boott
257. " aquatilis, Wahl., var.
292. " alpina, L
247. " atrata, L. var. erecta

36

263. Carex atrata, L., var. nigra, Boott.
259 A. — " Zoo young.
273. A. " vitilis, Fries
415. " Hoodii, Boott
505. " lagopina, Wahl., var. pleiostachya
302. " frigida, All.
285. } " vulgaris, var. alpina, Boott. (C. rigida, Good)
287. }

A. " Jamesii, Torr.
417. " Raynoldsii, Dew.
416. " Schreberi, Willd.?
416 bis " Liddonii, Boott.
99. A. " Kelloggii, W. Boott.

J = Lat. [illegible]
— = Duplicates

Plants received from Prof. J. Macoun – Feby 1880.

collected between 51° & 52° N. Lat. and 97° & 115° Long.

—— " ——

1. Erigeron pumilum – tab
2. " caespitosum ?
3. " flabellum, β
4. " grandiflorum

J5. Aster multiflorus, var. stricticulus
–6. Aster puniceus, var. viminens
J7. " simplex

–8. Aster canescens
J9. " aestivus
–10. Aster carinus
–11. Aster puniceus
J12. " novae Belgii
J13. " montanus
J14. Aplopappus Suttonii
J15. Aplopappus lanceolatus
J16. Actinella Richardsonii
–17. Arnica latifolia
J18. Senecio integerrimus ?, + Arnica foliosa
–19. Arnica angustifolia
20.
–1. Antennaria dioica
J2. " arctica
J3. " discolor
J4. } " longifolia
J5. }
–6. Artemisia ludoviciana
J7. " Canadensis
–8. Artemisia biennis
J9. Hieracium Canadense
J30. Helianthus pumilus ?
J1. Helianthus rigidus
J2. " petiolaris
–3. Helenium autumnale
–4. Gnaphalium palustre
J5. Crepis elegans
J6. " runcinata
J7. Crepis glauca
J8. Coreopsis tinctoria
J9. Cirsium Hookerianum ?
J40. " Drummondii
J1. Xanthium strumarium, var.
J2. Madia glomerata
–3. Troximon glaucum
J4. " " var. traxicifolium
–5. Troximon glaucum
–6. Taraxacum palustre, Dr
J7. Troximon cuspidatum
J8. Senecio aureus, var. Balsamita
J9. Senecio canus
J50. " integerrimus ?

–51. Senecio lugens, var. Hookeri
J2. " canus, var. minor, Hook.
–3. Senecio lugens
–4. Aplopappus acaulis – probably
–5. }
–6. } Erigeron compositum.
–7. Erigeron Canadense
–8. Erigeron compositum
J9. Solidago gigantea, var.
60.
–1. Solidago virga-aurea, var. multiradiata
–2. Solidago nemoralis
J3. " Missouriensis, var. montana, Gray
J4. " virga aurea, var. humilis
–5. Solidago nemoralis
–6. Solidago – too poor
–7. Solidago nemoralis
J8. Clematis ligusticifolia
J9. Anemone parviflora
–70. Ranunculus affinis
–1. " " var.
J2. Nasturtium trachycarpum
–3. " palustre
J4. Arabis Holboellii, form ?
J5. " Holboellii
–6. " Drummondii
–7. Arabis perfoliata
–8. Erysimum asperum
–9. Sisymbrium incisum
J80. Sisymbrium incisum, v. Hoffmeyer
J1. " canescens
–2. Erysimum parviflorum, Nutt.
J3. Draba alpina, var.
J4. " alpina, var. glacialis
J5. " aurea + incana
J6. " alpina, var. stellata, var. Joannis
J7. " alpina
J8. Vesicaria ludoviciana
J9. Physaria didymocarpa
J90. Cleome integrifolia
J1. Polanisia graveolens
J2. Stellaria crassifolia
J3. " borealis
J4. Sagina decumbens
J5. Arenaria serpa
–6. Silene Menziesii
J7. Lychnis apetala
–8. " Drummondii
J9. Cerastium alpinum, v. Behringia
J100. Linum rigidum

101. Acer glabrum
2. Oxalis corniculata
3. Amorpha microphylla, Pett.
4. Lupinus Kingii
5. Hedysarum Mackenzii
6. Oxytropis campestris, var. viscida
7. " ~~lambertii~~ campestris
8. " lambertii
-9. " splendens
110. Psoralea lanceolata
1. Astragalus frigidus
2. " bisulcatus
3. " Drummondii
4. Oxytropis podocarpa ??
5. Astrag. aboriginum
-6. " flexuosus
7. " Missouriensis
8. " pauciflorus
-9. " flexuosus
-120. Agrimonia Eupatoria
-1. Spiraea betulaefolia
2. Crataegus coccinea
3. Potentilla Plattensis
4. " nivea
-5. " gracilis, slender form
-6. " gracilis
-7. " " var. rigida
-8. " Hippiana
-9. " Pennsylvanica, var. strigosa
130. " rivalis, var
-1. " supina
2. Saxifraga caespitosa
3. " aizoides
4. " oppositifolia
5. Hydrosace Chamaejasme
-6. Parnassia palustris
-7.
-8. Epilobium coloratum
9. " mollis, var., Barby
-140. " latifolium
-1. " coloratum
-2. " tetragonum
3. Oenothera biennis
4. " breviflora
5. Cicuta virosa
-6. Sium lineare
7. Peucedanum macrocarpum
8. Musineon divaricatum
9. Cornus stolonifera
150. Lonicera parviflora
1. Arctostaphylos alpina
2. Plantago major, var. Asiatica
-3. Plantago Patagonica, var.
-154. Plantago Patagonica, var. cristata
-5. Primula farinosa
-6. Androsace septentrionalis
-7. Dodecatheon Meadia, var.
8. Centunculus minimus
-9. Pentstemon acuminatus
-160. Castilleia pallida, var.
-1. " miniata
-2. Euphrasia officinalis
-3. Verbena bracteosa
-4. Echinospermum floribundum
5. " leiocarpum
-6. Eritrichium Californicum
-7. Heliotropium Curassavicum
-8. Paronychia sessiliflora
9. Gilia intertexta
-170. Gentiana Amarella, var. acuta
-1. " " var. stricta
-2. " humilis
-3. Calyptrea sepium, var. apens
-4. Apocynum cannabinum
-5. Asclepias speciosa
6. " ovalifolia
7. Oxybaphus hirsutus
-8. } Chenopodium album
-9. }
180. Chenopodium leptophyllum var. glaucum
-1. Chenopodium rubrum
2. Chenopodium rubrum, var.(?) humile
3. Blitum glaucum
-4. Eurotia lanata
5. Atriplex argentea
6. Atriplex Nuttalpis
-7. Atriplex patula
8. Polygonum ramosissimum ?
9. Polygonum lapathifolium
190. " imbricatum, Pett
1. Eriogonum androsaceum
2. Rumex venosus, Pursh
3. " occidentalis
-4. Rumex ~~occidentalis, H~~ salicifolius
5. Shepherdia argentea
6. Euphorbia glyptosperma
7. Callitriche verna
8. " " var. form
(9.) 1504. Urtica gracilis
200. Urtica gracilis
1. Alnus incana, var
-2. Betula glandulosa, Mx
3. " occidentalis, Hook
4. Populus monilifera
5. Sparganium simplex
6. Typha latifolia
-7. Alisma Plantago, var.
8. Sagittaria variabilis var. gracilis

-209. Triglochin maritimum
✓210. " palustre
✓1. Habenaria fœtida ?
✓2. Spiranthes Romanzoviana
✓3. Cypripedium parviflorum
✓4. Sisyrinchium micranthum
✓5. Stenanthium occidentale
✓6. Tofieldia glutinosa
✓7. Prozartes trachocarpa
✓8. Allium reticulatum
- 9. Allium cernuum, Roth.
✓20. " — ? Too young

Later ending – Mar. 1/80

1. Potentilla Hippiana, var pulcherrima
2. Solidago humilis
3. Micromeris lacinata
4. Troximon Chilense
5, 6. Epil. minutum
7. " nuttallii
8. Draba alpina
9. Erythronium albidum
10. "Aster Novi-Belgii"
11. Collomia gracilis
12. Eriogonum concinnum, var. ophanactis
13. Phlox longifolia
14. Grayia polygaloides
15. Tetradymia spinosa
16. Gilia inconspicua
17. Eriodictyon circumscissum ?
18. Mimulus Californicus
19 = 16.
20. Phacelia bicolor
21. Lappula floribunda
22. Gilia achilleifolia
23. Artemisia spinescens

W. C. Cusick – Sets of 1888.
Union Co., Oregon

35. Ranunculus glaberrimus (5)
40. Allium macrum (6)
41. Mertensia oblongifolia (6)
45. Lupinus sericeus (6)
52. Delphinium decorum (6)
67. Ribes cereum (6).
84. Balsamorhiza sagittata (6)
122. Spiraea betulaefolia (4)
145. Pachystima myrsinites (6)
174. Phlox Douglasii, var. (6)
180. Cheiranthus Menziesii (6)
182. Balsamorhiza Hookeri (6)
204. Rosa Nutkana (6)
253. Aquilegia flavescens (4)
255. Gilia Nuttallii (4)
431. Antennaria carpatica (6)
464. Epilobium origanifolium (4)
484. Helianthus Nuttallii (6)
514. Pedicularis racemosa (6)
523. Sedum glandulosum (5)
644. Pentstemon confertus ? (4)
683. Aster Cusickii (6)
703. Phacelia sericea (4)
727. Arabis Cusickii (6)
728. Platyspermum scapigerum (4)
729. Viola canina, var. (4)
730. Aplopappus lanuginosus (6)
731. Antennaria dimorpha (6)
733. Viola Nuttallii (4)
734. Saxifraga integrifolia (4)
735. Collomia linella (4)
736. Gilia micromeria, (6)
737. " mudicaulis (6)
738. Crataegus tomentosa (6)
741. Antennaria alpina, var. (4)
744. Cardamine hirsuta, var. (6)
745. Sisymbrium incisum, var. (6)
747. Senecio exaltatus, (5)
748. Draba nemorosa (6)
749. Sisymbrium linifolium (6)
750. Erigeron Bloomeri (5)
752. Poa tenuifolia (4)
753. Festuca occidentalis (4)
754. Erigeron filifolium (6)
756. Emmenanthe pusilla (6)
759. Lepidium dictyotum (6)
761. Festuca rubra (4)
763. Triticum repens (6)
765. Vilfa cuspidata (5)
766. Spartina gracilis (6)
769. Psilocarphus tenellus (4)
770 = 754 (6)
771. Chorizanthe Watsoni (6)
774. Elymus sitanion, (5)
776. Collomia leptalea (6)
781. Elymus condensatus (6)
783. Catabrosa aquatica (4)
786. Scirpus sylvaticus, (6)
788. Elymus sibiricus (4)
789. Carex vesicaria (4)
792. Juncus Nevadensis (4)
793. Carex filiformis, var. (3)
795. Erythraea Douglasii (4)
796. Juncus xiphioides, (4)
799. Agrostis varians ? (4)
799. Senecio hydrophilus (4)
801. Carex atherostachya (4)
804. Agrostis exarata (4)
807. Ranunculus multifidus (4)
812. Sarcobatus vermiculatus (4)
814. Calamagrostis Langsdorfii (4)
815. Danthonia sericea (6)
819. Cryptogramma acrostichoides (2).
834. Polypodium integrifolium (6)
836. Aster Douglasii (4)
836. Vasey a comata (3)
840. Castilleia pallida (6)
841. Carex aristata (4)
842 (bis). Anthemis alyssoides (4)
843. Malvastrum munroanum (6)
844. Galium Bloomeri (6)
845. Populus balsamifera (6)
850. Arenaria Fendleri (6)
852. Bolandra Oregana (6)
853. Phyllodoce Oregana (6) n. sp.
856. Mertensia sibirica, (6)
860. Linum micranthum (6)
862. Astragalus collinus (6)
863. Balsamorhiza integrifolia (4)
864. Lomatia floribunda (4)
865. Pentstemon Cusickii (6)
866. " triphyllus (4)
867. Asclepias cryptoceras (6)
868. Pentstemon glandulosus (6)
870. Rhamnus Purshiana (4)
872. Nemophila parviflora (4)
874. Zygadenus venenosus (6)
875. Salix cordata, var. (6)
876. Melica Geyeri (4)

877. Ajuga conosa (6)
879. Trisetum cernum (4)
880. Trifolium caninum (4)
884. Mimulus moschatus (4)
888. Lathyrus polymorphus (4)
889. Carex filifolia (4)
891. Atriplex Nuttallii (4)
894. Phaeelia circinata (4)
897. Lophanthus nepetifolius (4)
898. Stipa occidentalis (4)
899. Spiraea discolor (6)
900. Melica bulbosa (4)
901. Viola canina, var. (4)
902. Pellaea Brewerii (5)
904. Hieracium Piste, var. (6)
905. Aster alpigenus (6)
906. Ivesia Eisenii (4)
907. Stylocline filaginea (4)
908. Salix lividi, var. (6)
910 = 438.

Set I.	117 specs.	J. M. Coulter	7.00
II.		W. M. Canby	7.50
III.	116 "		
IV.	114 "		
V.	64 "	A. Commons	4.00
VI.	57 "	G. Vasey	4.00

F. L. Harvey – Fayetteville, Ark.
Coll. 7 1880
Det. Sept. 1881.

1. Eupatorium rotundifolium
2. Vernonia angustifolia
3. " Baldwinii
4. Eup. purpureum
5. Aster oblongifolius
6. " umbellatus
7. Polymnia — ? n. sp. ?
8. Elephantopus nudatus
9. Vernonia altissima
10. Aster paludosus
11. Vernonia angustifolia, v. Texana
12. Liatris spicata
13. Eup. ageratoides
14. Liatris aquarrosa
15. Solidago bicolor
16. " — ?
17. Brigeloria Douglasii ?
18. Solidago — ?
19. " rigida
20. " arguta
21. " cæsia
22. " sparsiflorus ?
23. Aster ericoides ?
24. " mixer, var.
25. " — ?
26. " oblongifolius – narrow leaved
27. " anomalus, Eaton.
28. " Tradescanti
29. " — ?
30. " Tradescanti, v. fragilis
31. Chrysopsis pilosa
32. Polypremum procumbens
33. Cynosciadium digitatum, DC
34. Nasturtium lacustre – apparently
35. Gerardia quercifolia
36. Styrax pubescens
37. Dianthera humilis, Eaton.
38. Pentstemon pubescens.
39. Asclepias perennis
40. Talinum teretifolium
41. Echinacea purpurea
42. Liatris squarrosa a form
43. Heterotheca Lamarckii
44. Eupatorium coelestinum
45. Senecio aureus
46. Helenium nudiflorum
47. Bellis integrifolia
48. — ?
49. Schollera graminifolia
50. Ranunc. abortivus
51. " oblongifolius
52. Acacyrum Canadense
53. Hypericum prolificum
54. " maculatum
55. " Drummondii
56. " nudiflorum
57. Elodes petiolata
58. Lechea tenuifolia
59. " major
60. Hypericum mutilum
61. Baptisia leucantha
62. Seymeria macrophylla
63. Aster ptarmicoides
64. Mollugo verticillata
65. Sagina decumbens
66. Arenaria Pitcheri
67. Linum Virginianum v. Texanum
68. Polygala sanguinea
69. Apios tuberosa
70. Phaseolus helvolus
71. Lespedeza capitata
72. Centrosema Virginiana
73. Clitoria Mariana
74. Desmodium nudiflorum
75. Phaseolus diversifolius
76. Cassia occidentalis
77. Jussiæa decurrens
78. Penthorum sedoides
79. } Onothera fruticosa
80. }
81. =??
82. Steironema ciliatum
83. Oldenlandia Boscii
84. Lythrum alatum
85. Diodia Virginica
86. Galium circæzans
87. " pilosum ?
88. " trifidum
89. Houstonia patens
90. Spiræa Ariuneus
91. Rosa setigera
92. Lobelia appendiculata
93. " pubescens

94. Lobelia syphilitica, v. Ludoviciana
95. " leptostachys
96. Vaccinium Pennsylvanicum?
97. " stamineum
98. " arboreum
99. Plantago Virginica
100. " Rugelii
101. Polygala verticillata
102. Gerardia heterophylla
103. Verbena bracteosa
104. Dicliptera brachiata
105. Lippia nodiflora
106. " lanceolata
107. Salvia lyrata
108. Calamintha glabella
109. Scutellaria canescens
110. Monarda punctata, v.
111. Isanthus coeruleus
112. Scutellaria versicolor
113. Teucrium Canadense
114. Scutellaria cordifolia
115. Pycnanthemum albescens
116. Physostegia Virginica
117. Elisia Nyctelea
118. Onosmodium hispidissimum, v. molle
119. Convolvulus sepium, v. Americanum
120. Ipomoea pandurata
121. Phlox divaricata
122. " pilosa
123. " paniculata
124. Physalis lanceolata
125. Gentiana saponaria
126. Physalis aequata
127. Sabbatia angularis
128. Acerates longifolia
129. Podostigma (?) apodum — n. sp. ?
130. Asclepias purpurascens
131. Oxybaphus albidus
132. Polygonum ramosissimum
133. Xyris tenera
134. Tradescantia Virginica

J. & T. J. Howell – Union Co., Oregon

Panicles of Sept. & Oct. 1880

Seeds Sept. 1881

260. Arenaria congesta, Nutt., v. aubergida, W.
261. Allium Nevii, Watson – low form
262. " pleianthum, Watson
264. Poilocarphus tenellus, Nutt.
265. Aplopappus uniflorus
266. Antennaria flagellaris, Gray
267. Lagophylla ramosissima, Nutt.
268. Gnaphalium diffusum, Tor.
269. " racemosum, Tor.
290. Gilia pusilla
291. Claytonia triphylla, Watson
292. Calandrinia Menziesii, Gray
294. Hoskiea fusca, Lindl.
295. Eritrichium Calif. ? DC.
296. Lomatia coniugialis, Kell.
297. Mimulus rubellus, Gray
298. " primuloides, Benth.
299. Castilleia parviflora, Bong.
300. Euphorbia leptocera, Engelm.
301. Calochortus Tolmiei, Hook.
302. Habenaria gracilis, Watson
303. Isoetes ~~Howellii, Engelm. sp.~~
304. Camassia esculenta ?
305, 306. Aconitum Columbianum, Nutt.
307. Thalictrum occidentale, ~~Nutt.~~ Gray
308. Dicentra Cucullaria, DC.
309. Arabis platysperma, Gray
310. Viola Canadensis, Dougl.
311. Silene Oregana, Watson
312. Sphaeralcea rivularis, Dougl.
313. Stellaria crispa, v. fontinalis
314. Lupinus Lyallii, Gray
315. " aridus, Dougl.
316. " " v. Lobbii, Watson
317. Melilotus alba, Lam.
318. Spiraea betulifolia, Pall.
319. Saxifraga chelidonis, L.
320. " Tolmiei, Tor.
321. Sedum Douglasii, H., v. uniflorum
322. Cotyledon Oregonum, Watson. n. sp.
323. Spiraea pectinata, Tor.
324. Epilobium paniculatum, Nutt.
325. " origanifolium, Lam. ?
326. Godetia epilobioides, Watson
327. Peucedanum triternatum ?
328. Symphoricarpus racemosus, Mx.
329. Aster
330. Vaccinium occidentale, Gray
331. " Myrtillus, v. microphyllum, H.
332. Pyrola picta, Sm., v. decora, Gray
333. Monotropa Hypopitys, L.
334. Phacelia procera, Gray
335. Echinospermum lappula, Gr.
336, 337. Eritrichium Scouleri, DC.
337. " barbigerum, Gray
338. " tenellum, Gray
339. Pectocarya pusilla, B. & H.
341. Phlox Douglasii, v. diffusa
342. Polemonium caeruleum
343. " " var.
344. Pentstemon Gairdneri, H.
345. " procerus, Dougl.
346. Cordylanthus capitatus
347. = 294.
348. Pedicularis bracteosa, Benth.
349. " racemosa, Dougl.
350. Eriogonum umbellatum
351. Polygonum ramosissimum
352. Liboscedrus decurrens, Torr.
353. Habenaria elegans, BR.
354. Aira caespitosa, L.
355. " danthonioides, Trin.
356. Calamagrostis ?
357. Poa arctica, R. Br. ?
358. Trisetum cernuum, Trin.
359. Poa alsinantha, Trin.
360. " pratensis ?
361, 362. Glyceria aquatica, Sm.
363. Danthonia Calif., BR.
364. Triticum repens, L.
365. Atropis tenuifolia, Thurb.
366. Nasturtium officinale, Nutt.
367. Monolepis chenopodioides.

— " —

1. Aster leptophyllus, Gr.
2. " — ?
3. " — ?
4. " radulinus, Gr.
5. " integrifolius, Nutt.
6. Sericocarpus rigidus, Lindl.
7. Erigeron — n. sp.
8. Aster alpigenus, Gr.
9. Erigeron salsuginosus,
10. " innovatus, Gray
11. Solidago elongata, Nutt.
12. Senecio auriculatus, Nutt.
13. Bigelovia oblongifolia, H.
14. Aplopappus — n. sp.!
near A. carthamoides

15. Balsamorhiza Hookeri, Nutt.
16. Grindelia humulis, H & A.
17. " nana, Nutt.
18. Aplopappus Hallii, Gray
19. " Bloomeri, Gray
20. Bigelovia graveolens, Gr.
21. Gnaphalium microcephalum, Nutt.
22. Senecio vulgaris, L.
23, 24. " triangularis, Hk.
25. Antennaria alpina, Gaertn.
26. Sanvitalia Americana, D.C.E. mss.
27. Coreopsis tinctorius, Gray
28. " carlinoides, v. Americanus, Gr.
29. Troximon grandiflorum, Gray
30. " glaucum, Nutt
31. Microseris nutans, Gray
32. Lactuca Canadensis, L.

W. C. Cusick — Oct. 1881.

38. Astragalus Bourgovii, Gray
52. Delphinium Menziesii, DC.
53. " — ? a dubious thing.
54. Brodiæa Douglasii, Watson
70. Erythronium grandiflorum, Pk., v. minus, Mor.
78. Pentstemon confertus, Dougl.
93. Orthocarpus tenuifolius, H & B.
111. Trifolium paucifloruum, Nutt.
118. Echinospermum floribundum
178. Viola Beckwithii, Torr.
181. " aurea, var. venosa
193. Lathyrus Cusickii, n. sp.
222. Arenaria aculeata, Watson
232. Pentstemon attenuatus, Lindl.
265. Spiræa betulæfolia
384. Viola sarmentosa, Dougl.
398. Stellaria jamesii, Torr.
487. Delphinium scopulorum, Gray.
505. Grindelia nana, Nutt.
636. Senecio canus, Hook., var.
846. Sedum divaricatum, Watson, n. sp.
849. Cusickia Oregonensis, Gray — n. gen.
853. Physaria Oregana, Watson
855. Echinospermum Diffusum, Lehm., v. hispidum, Gr.
861. Celtis reticulata, Torr. ?
915. Nemophila Menziesii, H & B.
916. Glossopetalon spinescens, Gr.
917. Arabis arenicola, Nutt.
918. " — ?
919. " — ?
921. Thelypodium sagittatum, Nutt.
924. Eriogonum microthecum, Nutt.
925. Potamogeton natans, L.
926. Lilia flavescens, Gray
928. Cyperus aristatus, Rottb.
929. Lupinus calcaratus, Kell
927. Rhus glabra, L.
930. Eriogonum Douglasii, H & B.
931. Allium pleianthum, W.
932. Eriogon. Nevadense, Gray
933. Eriogonum ovalifolium, Nutt., var.
934. Carex aurea, Nutt.
935. Phlox Douglasii
936. Eriogonum ephedroides, Dougl., var.
937. Nitrophila occidentalis, Watson
938. Senecio amœnus, L., v. borealis
939. Gaura parviflora, Nutt
940. Eritrichium circumscissum, Torr.
941. Crepis runcinata, Torr.
942. Allium — ?
943. Trifolium longipes, Nutt.
944. Lupulus — n. sp.?
945 = 936.
946. Astragalus Cusickii, Watson n. sp.
949. Arabis Lyallii, Watson
950 } = 942
954 }
955. Cardamine cordifolia, Gray
951. Aplopappus hirtus, Gray n. sp.
956. Aster — ?
957. Arnica angustifolia, Nutt.
958. Aplopappus Lyallii, Gray
959 = 938.
960. Sanicula Nevadensis, Watson
961. Stellaria umbellata, Turcz.
962. Poa andina, Nutt
963. Claytonia triphylla, W.
964. Calandrinia fragrans, Gr.
965. Rhamnus alnifolius, L'Her.
966. Potentilla palustris, Gaf.
967. Sulcichium spathaceum, Rich.
968.
969. Arnoria arctica, Ter.
970. Silene Spaldingii, Watson
971. Aplopappus nanus
972. { Gentiana affinis, Griseb.
{ Cerastium arvense, L.
973.
974. Calamagrostis stricta, Trin
975. Brickellia grandiflora, Nutt.
976. Trautvetteria grandis, Nutt.
977. Poa — ?
978. Pentstemon Deustus, Dougl.
979. Chrysopsis villosa, Nutt., var.
980. Lilia concolor, Hook.
981.
982.
983. Rumex venosus, Pk.
984. " pauciflorus, Nutt.
985. Allium — ?
986. Carex Geyeri, Boott
987. " Pennsylvanica, Lam.
988. Claytonia megarhiza, Parry.
989. Vaccinium myrtilloides, Hook
990. Aster Bloomeri, Gray
(a) Poa — ?

Received

1876

July 10 — Box from Kew, containing for A. Gray

1 Bundle — Dupl. Dr. Aitchison's coll.

1 " Burchell's Restiaceæ

1 " Dr. Schweinfurth's Trop. Afr. Gram., named by Munro

1 " Miscellaneous Dupl.

3 " Set III. Whitmee's Samoan Ferns, &c.

Leefe's Select. Britan. Exsic. Fasc. I.

Books — Bentham, Fl. Austr. Vol. VII.
Hooker, Observ. on Bot. of Kerguelen's Land
" Himalayan Gentianeæ, Vol. I. II.
" Students Flora Brit. Islands, 2 ed.
Kurz, Forest Flora of Brit. Burma
Maclean's Herbar Euroafricanum, I. p. 1.
Baker, Flora Mauritius & Seychelles

— " —

For Dr. Farlow — delivered.
Musci Britannic. — Finished set
Drummond's Musci Americ. Vol. I-II.
Berkeley's Brit. Fungi — set
Print of Berkeley

For Iowa State Univ. — forwarded.
Britt. & Hosk. Gen. Plant. Vol. I. & II.

For John Muir
Scripe, Vol. [illegible] — forwarded by Capt. Sylvia

For Prof. Reinsch — delivered.
Book. —

All as per Memorandum read

Received – Sept. 1876.

Box from Dr. Palmer – Mexico – containing

3 packages dried [plants] sent to Dr. Parry, Davenport, Dec. 1876.

1 Agave – to Falconer

1 Dasylirion top

1 "Agave Engelmannii"

1 package seeds – Sophora &c, – to Prof. Sargent

1 "Interior of a Yucca" – to Prof. Gordon's room

Pine specimens

Palmer — S Utah, 1877 - Feb 6		314 sp.	= $25.00	Rec'd by Maximowicz Mar. 5
Arizona	Sept. 11.	484 "	35.00	& paid for July 30.
"	12.	43[illegible] "	25.00	— to Cosson, June 1879
"	14.	384 "	25.00	pd for by Dr. Gray
"	18.	255 "	15.00	
(rec'd Nov. 26/79)	13.	432 "	30.00	
		~~43~~		

Parry & Palmer's Mexican sets ordered —
1 set to C. J. Maximowicz, St. Petersburg Academy. July 29/70

Studies Sets Trinidad Farms
#6. To Dep't of Agric, Washington. Aug. 9/70 $7.50

Palmer's Texan-Mexican-Arizonan sets, 1879.
engaged for Boissieu
Maximowicz

Davenport Dec 6th 1877

All ready to start to morrow. I have arranged to ship to Dr Gray. the ballance of Palmers sets viz set 6. s Utah. Sets 11-12-14 Arizona. all marked on outside with No & price Charge freight to Palmer.
Thanks for Lilium description; please change figure of size from 3-6 ft to 2-5 ft. (means the mark) have a very nice figure of bulb. Proofs will be sent
Yours
C. C. Parry

1878 Sent in one package to Smith's Instit.n by Express.
Jany 4. + notified Dr. Sylv by P.C. — Jany 4th 1878. —

In same package to Smith's. from Dr. Gray 1 bundle for DeCandolle, Geneva

Jany 7th By Express
P. V. LeRoy, Herb.m Cl. Col.l, Mt. C. "Paid through". a.c.
Populus, Argyrothamnia, + oth. from A. Gray, — returned,
Dr. G. Vasey — Agl. Dept, Washington, &c. — Savin, a.c.
Populus, + plants determined — returned.

Apr. 16 By E. A. Snow to forward by Hamburg steamer — for Dr. Maximowicz address
Imp. Botanic Garden, St. Petersburg, Russia
1 Box, containg Palmer, set 6. as above
" Set 11 "
Curtiss' sets from Florida — 3 bundles
Missouri plants from Gray Herb. — 2 "
1 Mt. Contrib. (Slabin t.) — Dr. Gray.
Savins charges paid by Dr. Gray. —
Act. noticed

June 4. By Express
John Macoun, Belleville, Ontario, Canada
Bundles of Palmer's Collections (Duplicates) — &c.
Gray's Flora II. 1.
Torr. & Gray, Flora VI. II. Savin & others

Wright's Cuban sets in garret, Dec. 1876

#9 – 2 bundles = "960 sp."] To Cosson, June 1879
10 " 850 "
11 " 750 "
[12 1 bundle 660 "] Sent Prof. H. A. Ward, Rochester, June 1st 1879
8 2 " 283 + 188 sp.

Palms. –
#7, 8.
9
10
× Addressed to Buchenau – "about 15 sp."] To Cosson, June 1879
× marked Sacrinaba

Hepaticae
#7 – 169 sp. To Dr. Austin June 1877 Paid $12.00
9 151 " ~~Underwood~~ "
10 149 " Underwood " " $5.50
11 143 " J. D. Smith " " " 11.44
12 ~~149~~
14 134 Prof. Buchan. ($9.00) – June 1877 " 5.06
15 137
× ×
13 141

Orchidaceae
1 Bundle] To Cosson, June 1879

Texan Dicotyledons – 1 Bundle – To J. D. Smith – June 1877
Island of Pines Plants – 1 Bundle.
San Domingo Collection – To Agric. Dep.t, June 1877