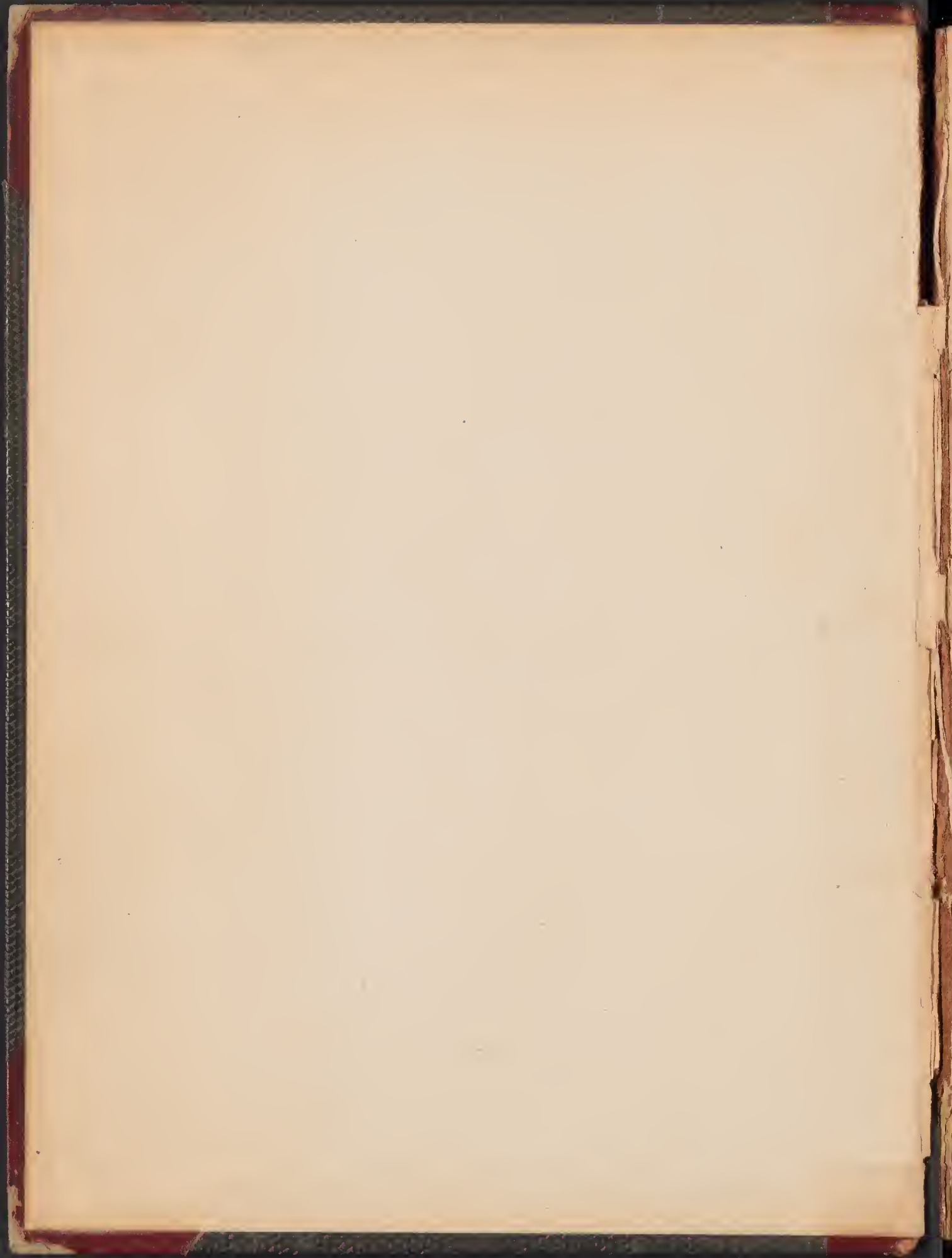


③

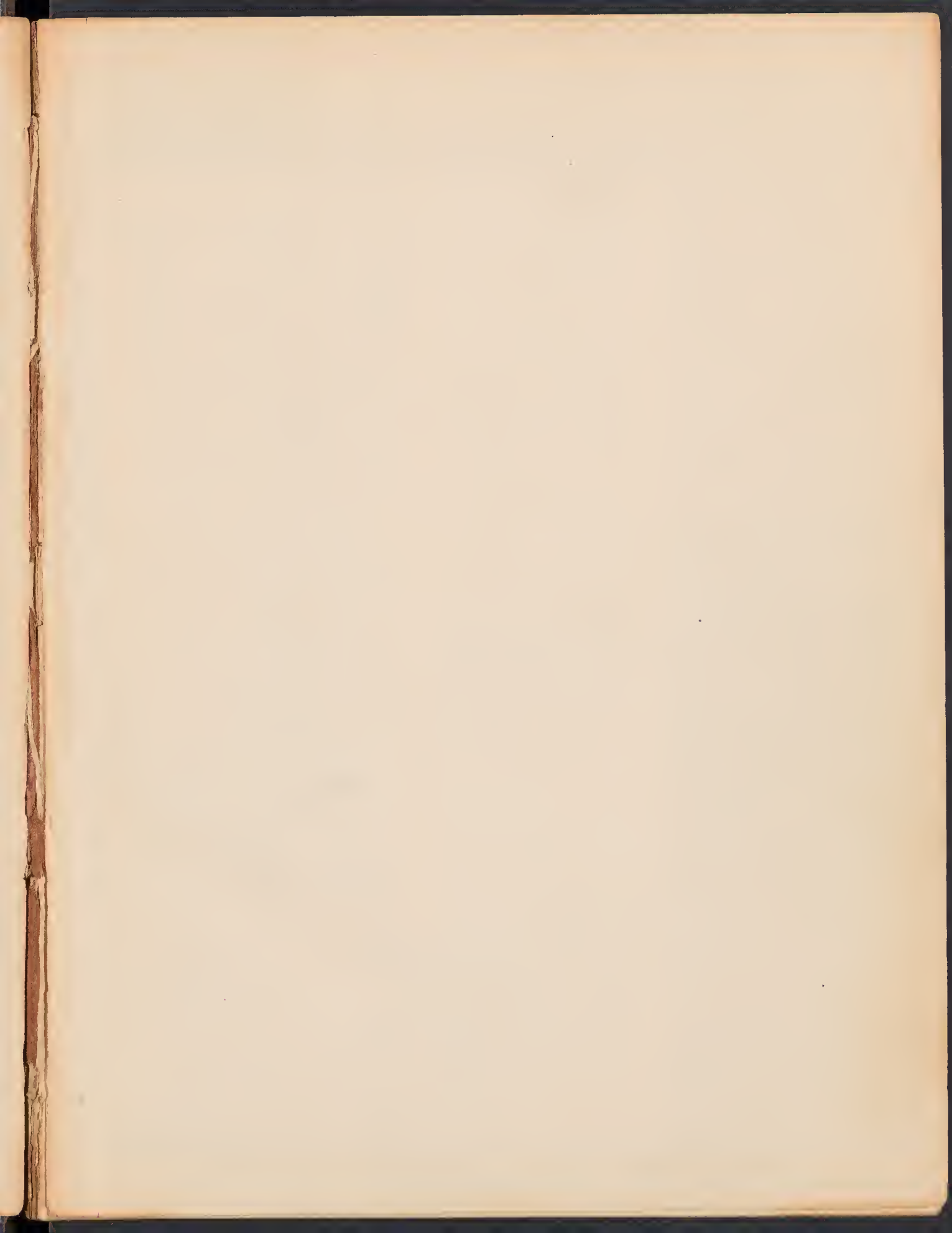


3

Merritt Lyndon Fernald.











M. P. ...  
 Ed. ... 3,  
 M. E. P. ... 4  
 A. Dugis 6  
 J. Macoun 5  
 S. H. Parish 1  
 A. J. Grant 7  
 G. L. Perry 9  
 H. H. Patterson 13  
 C. V. Piper 32  
 H. H. Patterson 13  
 C. F. H. ... 31  
 C. V. Piper 32  
 M. E. ... 10  
 H. H. Patterson 13  
 C. F. H. ... 31  
 C. V. Piper 32  
 M. E. ... 10  
 H. H. Patterson 13  
 C. F. H. ... 31  
 C. V. Piper 32  
 M. E. ... 10  
 H. H. Patterson 13  
 C. F. H. ... 31  
 C. V. Piper 32

M. E. ... 46  
 M. E. ... 51  
 M. E. ... 53  
 A. J. Grant 58

A. Dugis 122  
 Mrs. D. H. Sheldon 124  
 S. B. Parish 125  
 Peary 126

A. S. Hitchcock 199  
 M. E. Joubert 44  
 L. Jared 162.  
 Mrs Loring 46,  
 F. E. Lloyd 97.  
 Carl Lumboltz 112,  
 J. H. Lamb 149.  
 J. Macoun 6,  
 G. S. Miller 54,  
 J. M. Macoun 66,  
 J. G. Reedham 10.  
 A. Nelson 106, 197.  
 S. B. Parish 4, 9, 63, 125, 193,  
 G. L. Perry 9,  
 H. H. Patterson 13, 35,  
 C. V. Piper 32, 36, 85, 146,  
 F. H. Peabody 54,  
 Robt. Peary 126,  
 E. Palmer 170,  
 E. L. Rand 20,  
 H. J. Staples 9,  
 F. L. Stevens 40,

Plants from W. C. Werner.

Columbus, Ohio.

Nov. 1891.

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)

*linos*, Nees.

W. A. Stiles 53,

Mrs. D. H. Sheldon 122.

le)

F. C. Staub 163,

J. & G.

Elizabeth Taylor 18, 145

Susan Tucker 41, ~~45~~,

W<sup>m</sup> Trelease 45,

W. C. Werner 1, 48, 59,

J. Williams 26,

or *vimineus*)

C. F. Wheeler 35,

(near *Tradescauti*)

John Wolf 57.

(destitute of rays)

leaves)

& lavender, disk purplish)

ll. (?) (growing with *diffusus*)  
rod. from New Jersey)

37. *Galatella hyssopifolia*, Nees = *Aster hyssopifolius*, L.



Plants from W. C. Werner,  
Columbus, Ohio.  
Nov. 1891.

1

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)  
 30 3 1/2. " *patens*, Ait. v. *phlogifolius*, Nees.  
 21. " *ericoides*, L.  
 21 1/4. " " (rays purple)  
 21 1/2. " " v. *villosus*, J. & G.  
 22, 22 1/4, 22 1/2. " *multiflorus*, Ait.  
 23. " *vimineus*, Lam.  
 24. " *vimineus*, Lam.  
 24 1/4. " *diffusus*, Ait.  
 24 1/2. " " "  
 24 3/4. " " " (near *vimineus*)  
 25 & 25 1/4. " *Tradescanti*, L.  
 26. " *paniculatus*, Lam. (near *Tradescanti*)  
 26 1/4. " " (almost destitute of rays)  
 27 1/4. " " (small leaves)  
 27 1/2. " " (rays pale lavender, disk purplish)  
 28, 28 1/2. " "  
 29. " *salicifolius*, Ait.  
 30, 30 1/2, 30 3/4. " *paniculatus*, Lam.  
 31. " "  
 32. " *salicifolius*, Ait.  
 32 1/4, 32 1/2, 32 3/4. " *novi-Belgii*, L.  
 33. " *diffusus*, Ait.  
 34. " *panicus*, L.  
 35. " *prenanthoides*, Muhl. (?) (growing with *diffusus*)  
 36. " *dumosus*, L. (Introd. from New Jersey)  
 37. *Galatella hypsopifolia*, Nees = *Aster hypsopifolius*, L.

38. 38½ *Helianthus decapetalus*, L.  
 39. " *tuberosus*, L.  
 40. " "  
 41. " "  
 42. 42½ " *parviflorus*, Bernh.  
 43. " "  
 44. *Galium trifidum*, L. v. *pusillum*, Gray.  
 45. *Houstonia purpurea*, V. *calycosa*, Gray. (2)  
 46. *Samolus Valerandi*, L. v. *Americana*, Gray.  
 47. *Pycnanthemum linifolium*, Pursh.  
 48. " "  
 49. *Lycopus rubellus*, Moench.  
 50. " *virginicus*, L.  
 51. *Monarda fistulosa*, L.  
 52. " *Clinopodia*, L.  
 53. *Plantago major*, L.  
 54. *Helianthus decapetalus*, L.  
 55. *Actinella acaulis*, Nutt. v. *flabra*.  
 56. *Bidens comata*, Muhl. v. *comosa*, Gray.  
 56¼ " *comata*, Muhl.  
 56¾ " *frondosa*, L.  
 57. *Artemisia annua*, L.  
 58. *Acnida tuberculata*, Moq.  
 59. *Cheropodium Boscianum*, Moq.  
 59¼, ½ " "  
 60. " *album*, L.  
 62. *Polygonum Muhlenbergii*, Watson.  
 63. " "

- 64. *Polygonum Pennsylvanicum*, L.
- 65.<sup>02</sup> " *lapathifolium*, L. v. *incarnatum*.
- 66. *Euphorbia Helioscopia*, L.
- 67. *Alnus glutinosa*, Gaertn. (Cult.)

Memoranda on Plants from  
Edo Claassen, Cleveland, Ohio.  
Dec., 1891.

- "n." *Carex tereticaucula*, Gooden.
- "x." " *straminea*, Willd.
- "y." " *tribuloides*, Wahl. v. *reducta*, Bailey.
- "z." " " " *crispata* "
- "*Glyceria obtusa*" is *G. nervata*, Trin.
- "*Eatonia obtusa*" is *E. Dudleyi*, Vasey.
- "*Panicum scoparium*?" is *P. scoparium*, Lam.
- "*Panicum depauperatum* I" is *P. commutatum*, Schultes.
- "*Panicum depauperatum* II" is *P. depauperatum*, Lam.
- "*Panicum dichotomum*" is *P. laxiflorum*, Lam.
- "*Panicum gibbum*?" is *P. miliaceum*, L.

Plants from Mrs. Mary E. P. Ames,  
Auburn, Cal.  
Jan., 1892.

2. *Ranunculus alismifolius*, Gay.  
3.       "       *mucronatus*, L.  
11. *Lathyrus sulphureus*, Brewer.  
21. *Phacelia humilis*, T. & G.  
23. *Cheilanthes gracillima*, Eaton.  
24. *Chaetactis glabriuscula*, DC.  
33. *Sagina occidentalis*, Watson.  
*Plucedanum dasycaepum*, T. & G.

Plants from Saml B. Parish,  
San Bernardino, Cal.

March, 1892.

2157. *Malva parviflora*, L. (?) (sent as *borealis*, Wallen.)  
2135. *Allium haematocliton*, Watson.  
2149. *Trifolium gracilentum*, T. & G.  
2172. *Hosackea micrantha*, Nutt.  
2174. *Cuscuta salina*, Engelm.  
2200. *Meibomia affinis*, Greene.  
2224. *Lactuca Canadensis*, L.  
2231. *Tellima affinis*, Bolander. (with bulblets)  
2240. *† Begia Texana*, Seub.  
2243. *Andropogon saccharoides*, Swg.  
2245. *Chrysopsis villosa*, Nutt., v. *echinoides*, Gay.  
2246. *Echinodorus rostratus*, Engelm.  
2249. *Quercus* ~~*Engelmannii*~~ <sup>*oblongifolia*</sup>, = *Engelmannii*, Greene(?)



2268. *Quercus dumosa*, Nutt.  
 2280. *Mentha rotundifolia*, L.  
 2281. *Cuscuta salina*, Engelm.  
 2282. *Solidago confinis*, Gray.  
 2283. *Eriogonum gracile*, Benth.  
 2284. " *molestum*, Watson.  
 2285. " *vimineum*, Dougl.  
 2286. *Asarackea Purshiana*, Benth.  
 2287. *Trifolium roscidum*, Greene.  
without numbers.

*Allium campanulatum*, Watson.

*Echinocystis Gilensis*, Greene. (Probably, only leaves.)

*Stephanomeria virgata*, Gray.

*Calochortus Plummeræ*, Greene.



- 45<sup>B</sup>. *Dasyliiron Wheeleri*, Watson.  
 67. *Gouernia brevilabris*, Rehb. f.  
 74. *Justicia furcata*, Jacq.  
 77. *Tetramerium hispidum*, Nees.  
 ! 78<sup>C</sup>. *Jacobinia paniculata*, Oerst., ex Char. !  
 78<sup>B</sup>. *Libonia (Jacobinia) floribunda*, C. Koch.  
 152. *Cuscuta tinctoria*, Mart.  
 153. *Ehretia Mexicana*, Watson.  
 193. *Acalypha Lindheimeri*, Müll. Arg.  
 225. *Stachys coccinea*, Jacq.  
 230. *Cinnamomum albiflorum*, Nees. (?) (Only leaves)  
 235. *Jornia diphylla*, Pers.  
 245. *Cratalaria pumila*, Oit.  
 ! 257<sup>B</sup>. *Dalea phymatodes*, Willd., fere ex Char.  
 ! 266<sup>A</sup>. *Phorodendron corymarthron*, Eich. & ex Char.  
 269<sup>B</sup>. *Nesaea salicifolia*, HBK.  
 280. *Malva viscus arboreus*, Cav.  
 ! 287. *Malva viscus acerifolius*, Presl., ex Char.  
 ! 284. *Anoda incarnata*, HBK., ex Char.  
 299. *Pisonia hirtella*, HBK.  
 300. *Oxybaphus cerventesii*, Sweet.  
 302. *Oenothera biennis*, L.  
 365<sup>B</sup>. *Crusea subulata*, Gray.  
 ! 375. *Calceolaria glutinosa*, Ferr. & Regel., ex Char.  
 379<sup>B</sup>. *Minulus glabratus*, HBK.  
 385. *Sauvourouxia multifida*, HBK.

391. *Buddleia Humboldtiana*. R. & S. var.

- Dasyneuron Wheeleri*, Watson. "Totol"  
*Cuscuta tinctoria*, Mart. "Zacatlascal."  
*Ehretia Mexicana*, Watson. "Capulin blanco"  
*Malvastrum acrifolium*, Presl. "Monacillo blanco."  
 " *arborescens*, Cav. "Chilito Colorado."  
*Cenotheca bicolor*, L. "Licenciada"  
*Buddleia Humboldtiana*, R. & S. "Tepozan blanco."  
*Senecio praecox*, DC. "Candelero" )  
*Bidens odorata*, Cav. "Cucutilla" )

(cacti + musabon)  
 (fruit)

i. Gay.

chl., ex Chas.  
 Louis, Mill. Arg.

= *Polypodium thyrsanolepis*, A. Braun.  
 "Cladonia" = *Phycia leucomela* (L.) Michx.

391. *Buddleia Humboldtiana*, R. & S. var.  
 391<sup>a</sup> *Buddleia Humboldtiana*, R. & S.  
 391<sup>b</sup> *Buddleia verticillata*, HBK.  
 392. *Buddleia verticillata*, HBK.  
 392<sup>a</sup> " *verticillata*, HBK.  
 392<sup>b</sup> " *verticillata*, HBK.  
 395. *Solanum nigrum*, L.  
 432. *Heterospermum pinnatum*, Cav.  
 452. *Senecio præcox*, DC.  
 456<sup>a</sup> *Montanoa grandiflora*, DC. (?) (Too young)  
 460. *Galuzania triloba*, Pers.  
 471. *Bidens odorata*, Cav.
9. *Dryesii*, n. sp.
- "Naranjillo" = *Alex. rubra*, Watson, var. — (pubescent beneath & more above)  
 "Ahuacatillo" = *Garrya Fadyeni*, Hook. (?) (Poor specimen fruit)  
 "Acámbaro" = *Vernonia Alamani*, DC.  
 "Acetitilla" = *Bidens exaristata*, DC.  
 "Composilla" = *Tridax trifida*, Gay, v. *alboradiata*, Gay.  
 "Anisillo" = *Tagetes micrantha*, Cav.  
 "Gonolobus? Erianthus" = *Gonolobus uniflorus*, HBK.  
 ! "Viscum??" = *Phorodendron corynarthron*, Eichl., ex Char.  
 "Euphobiace" = *Euphobia campestris*, C. & S., v. *esultiformis*, Mill. Arg.  
 "Morus sp?" = *Morus rubra*, L.  
 de "Serrro de Sirena" *Salix taxifolia*, HBK.  
 "Tillandsia Dupesi" = *Tillandsia Parryi*, Baker.  
 "Graminis A" = *Bouteloua Harvardii*, Vasey.  
 "Fougère A & B" = *Polypodium thyrsanolepis*, A. Braun.  
 "Andoma" = *Physcia leucomela* (L.) Michx.

## Plants from Can. Geol. Surv.

John Macoun, Ottawa.  
May(?) 1891.

1. *Castilleja pallida*, v. *septentrionalis*, Gray.
2. " *parviflora*, Bong.
3. " " "
4. " " "
5. " *pallida*; v. *septentrionalis*, Gray!
6. " *pallida* Kunth.
7. *Castilleja miniata*, Dougl.
8. " " "
9. " *pallida*, Kunth.
10. " " "
11. *Orthocarpus pallescens*, Gray.

- June 30. *Mimulus luteus*, L., v. *depauperatus*.  
 " 24. " "  
 " 24A) " *rubellus*, Gray.  
 " 24A) *Heterocodon rariflorum*, Nutt.  
 July 5. *Echinopspermum diffusum*, Lemm.  
 Aug. 11. " "  
 July 21. *Amsnickia lycopsoides*, Lemm.  
 Aug. 7. *Gilia minutiflora*, Benth.  
 Aug. 12. *Gentiana arcophila*, Giseb., v. *densiflora*.  
 " 14. " *propinqua*, Rich.  
*Dodecatheon Hendersonii*, Gray.



Plants from S.B. Parish

San Bernardino, Cal. Aug. 1892. <sup>9</sup>

2316. *Ranunculus Californicus*, Bth. v. *latilobus*, Gay.  
 2320. *Arabis Holboellii*, Hornem.  
 2322. *Arabis Holboellii*, Hornem.  
 2328. *Barbarea vulgaris*, Koch (var. *alba*, Parish.)  
 2381. *Galium stellatum*, Nutt.  
 2402. *Collinsia grandiflora*, Dougl. v. *pusilla*, Gay.  
 2412. *Amsomnia Tormentosa*, Torr. (broad leaved).  
 2433. *Krynitzkia tachycarpa*, Gay. (Close to *A. diffusa*, Greene).  
 2436. *Cuscuta denticulata*, Engelm.  
 2452. *Abronia nana*, Wats. (erecta, Parish).  
 2465. *Iris Missouriensis*, Nutt.  
 2478. *Ribes sanguinum*, Pursh, v. *glutinosum*, Watson.  
 2483. *Arabis Holboellii*, Hornem.  
 2510. *Acer glabrum*, Torrey.  
 2513. *Garrya Fremonti*, Torr.  
 2525. *Chimaphila Menziesii*, Spreng.  
*Caulanthus amplexicaulis*, Watson.

From A. J. Gout, Newfane, Vt., Oct. 13, '92.

*Aster prenanthoides*, Muhl.

From Miss J. M. Haskell, Livermore Falls, Me.

*Cuscuta Epithymum*, Murr.

From A. J. Gout.

*Stachys ~~arabica~~ <sup>spera</sup> Michx.*

From H. F. Staples, Amherst, Mass.

*Tricyrtis hirta*, Hook.

From G. L. Perry, Wilmington, Mass.

*Eupatorium purpureum* (white).



J.G. Medham, Jerseyville, Ill. Oct. 31.  
*Solidago speciosa*, Nutt. toward *v. angustata*.

from W.E. Andrews, Carlinville, Ill.  
 Nov. 2, 1892.

1. *Aster anomalus*, Engelm.
2. " *azureus*, Lindl.
3. " *multiflorus*, Ait.
4. " *Novae-Angliae*, L.
5. " *diffusus*, Ait. *sagittifolius*, Willd.
6. " *sagittifolius*, Willd.
7. " "
8. " *turbinellus*, Lindl. (pubescent.)
9. " *sericeus*, Vent.
10. " ~~*salicifolius*, Ait. *paniculatus*, Lam.~~
11. " ~~*diffusus*, Ait. toward *v. thyrsoides*, G.~~
12. " *diffusus*, Ait.
13. " *ericoides*, L.
14. " " *v. villosus*, T. & G.
15. " ~~*salicifolius*, Ait. *fradescanti*, L.~~
16. " ~~*salicifolius*, Ait. *subasper*, Gray.~~

## Plants from John Walfr. Canton, Ill. Nov. 5.

1. Muhlenbergia sylvatica, Torr. & Gray.
2. " sobolifera, Trin.
3. Poa annua, L.
4. Elymus Virginicus, L.
5. " " "
6. Muhlenbergia Willdenovii, Trin.
7. Agrostis alba, L.
8. " scabra, Willd.
9. " perennans, L.
10. Muhlenbergia Willdenovii, Trin.
11. Carex stricta, Lam., v. angustata, Bailey.
12. " " " "
13. Muhlenbergia Willdenovii, Trin.
14. " " " "
15. Aster paniculatus, Lam.
17. { " diffusus, Ait., v. thyrsoides, Gay.  
" Tradescanti, L.
18. Aster ericoides, L., v. villosus, T. & G.
18. " diffusus, Ait., v. bifrons, Gay.
19. " paniculatus, Lam.
20. " " " "
21. " " " "
22. " " " "
23. " Novi-Belgii, L.
24. " paniculatus, Lam.
25. Muhlenbergia sobolifera, Trin.
26. " Willdenovii, Trin.

Aster from W.E. Andrews, Carlinville, Ill.  
Nov. 10, 1892.

- |                 |       |                                    |
|-----------------|-------|------------------------------------|
| 1 <sup>a</sup>  | Aster | sagittifolius, Willd.              |
| 2 <sup>a</sup>  | "     | " " "                              |
| 3 <sup>a</sup>  | "     | paniculatus, Lam.                  |
| 4 <sup>a</sup>  | "     | " " "                              |
| 5 <sup>a</sup>  | "     | " " "                              |
| 6 <sup>a</sup>  | "     | " " "                              |
| 7 <sup>a</sup>  | "     | " " "                              |
| 8 <sup>a</sup>  | "     | " " "                              |
| 9 <sup>a</sup>  | "     | salicifolius, Ait., v. subsper. G. |
| 10 <sup>a</sup> | "     | " " "                              |
| 11 <sup>a</sup> | "     | cordifolius, L.                    |

from J.M. Holzinger Nov 25, '92.

Aster cucoides, v. Frieslii, Gray.

Silene pinnatifida, Nutt.

from Garden. Dec. 5, '92

Epidendrum diffusus, Sw.

Solanum laevis, H.A.

## Patterson's Colorado Collection. 1892.

Determined Nov. 10<sup>th</sup> Dec<sup>r</sup> 1892.Collector's  
nos.

19. *Anemone multifida*, Poir.  
 10. *Clematis Douglasii*, Hook.  
 53. *Ranunculus alismaefolius*, Seyer.  
 12. *Berberis repens*, Lindl.  
 106. *Corydalis aurea*, Willd.  
 30. *Lychnis Drummondii*, <sup>Wats.</sup> Hook. (fide Dr. R.)  
 83. *Saxifraga Limaei*, Presl.  
 16. *Claytonia Chamissonis*, Esch.  
 52. " *megarrhiza*, Parry.  
 71. *Geranium Fremonti*, Torr., *G. Parryi*, Suedelm.  
 39. " *Fremonti*, Torr.  
 112. *Pachystima myrsinites*, Raf.  
 22. *Ceanothus velutinus*, Dougl.  
 73. *Astragalus alpinus*, L.  
 62. " *oroboides*, Hornem., *S. Americanus*, Gray.  
 4. " *hypoglottis*, L.  
 23. " *multiflorus*, Gray.  
 145. " *Parryi*, Gray.  
 60. *Lupinus parviflorus*, Nutt.  
 57. *Oxytropis deflexa*, DC.  
 33. " *multiceps*, Nutt.  
 103. *Trifolium nanum*, Torr.  
 45. *Potentilla humifusa*, Nutt.  
 78. " *niva*, L.  
 77. " *niva*, L.

44. *Potentilla hippiana*, Lehm., v. *pulcherrima*, Wats.  
 30. " " "  
 100. " " "  
 63. " " " " " "  
 13. *Ribes cereum*, Dougl.  
 51. " *lacustre*, Poir., v. *molle*, Gray.  
 38. *Saxifraga brouchialis*, L.  
 58. " *debilis*, Engelm.  
 111. *Gayophytum racemosum*, Torr. & Gray.  
 86. " *ramosissimum*, Torr. & Gray.  
 9. *Menzelia disperma*, Watson.  
 8. " *multiflora*, Nutt.  
 47. *Echinocactus Simpsoni*, Engelm.  
 107. *Ligusticum scopulorum*, Gray.  
 43. *Galium trifidum*, L., v. *pusillum*, Gray.  
 110. *Apllopappus Parryi*, Gray.  
 132. *Arnica foliosa*, Nutt.  
 82. *Artemisia borealis*, Pall.  
 142. " *Ludoviciana*, Nutt.  
 143. " " "  
 89. " *Norvegica*, Fries.  
 109. " *tridentata*, Nutt.  
 109a. " *drumunculoides*, Pursh (apparently)  
 76. *Aster adscendens*, Lindl.  
 113. *Brickellia grandiflora*, Nutt., v. *minor*, Gray. (fide B.L.R.)  
 114. *Bigelovia Parryi*, Gray.  
 70. *Bahia chrysanthemoides*, Gray.  
 75. *Chrysopsis villosa*, Nutt.



- 139a. *Chrysopsis villosa*, Nutt., v. *foliosa*, Eaton.  
 139b. " " v. *canescens*, Gray.  
 139c. " " v. *sessiliflora*, Gray.  
 67. *Cnicus Parryi*, Gray.  
 21. *Erigeron canus*, Gray.  
 66. " *salsuginosus*, Gray.  
 129. (1259) " "  
 129. " *Coultteri*, Porter.  
 125. " *grandiflorus* Hook., v. *elation*, Gray.  
 42. " *glabellus*, Nutt., v. *mollis*, Gray.  
 97. " *glabellus*, Nutt.  
 93. " *salsuginosus*, Gray, v. *glacialis*, Gray.  
 124. " *uniflorus*, L.  
 135. *Grindelia squarrosa*, Dunal.  
 29. *Hieracium albiflorum*, Hook.  
 94. { *Hieracium gracile*, Hook.  
       " " v. *detosum*, Gray.  
 127. *Madia glomerata*, Hook.  
 55. *Senecio serra*, Hook.  
 37. *Senecio crassulus*, Gray.  
 84. " *cernuus*, Gray.  
 118. " *Douglasii*, DC.  
 131. " *lugens*, Rich., v. *exaltatus*, Gray.  
 32. " " "  
 95. " " " v. *foliosus*, Gray.  
 131. " " " v. *exaltatus*, Gray.  
 81. *Solidago humilis*, Pursh, v. *nana*, Gray.  
 130. " " "

137. *Solidago humilis*, Pursh.  
 48. " *Missouriensis*, Nutt., *v. montana*, Gray.  
 85. " " *near v. eximia*, Gray.  
 85a. " " *between vars. mont. & exim.*  
 98. " *multoradiata*, Ait., *v. scopulorum*, Gr.  
 65. " *humilis*, Pursh.  
 5. *Stephanomeria runcinata*, Nutt.  
 3. *Thesperma gracile*, Gray.  
 88. *Troximon aurantiacum*, Hook.  
 80. *Campanula rotundifolia*, L., *v. arctica*, Lange.  
 104. " *uniflora*, L.  
 54. *Vaccinium*, *Myrtillus*, L.  
 122. " " *v. microphyllum*, Hook.  
 59. *Frasera speciosa*, Dougl.  
 102. *Gentiana affinis*, Griseb.  
 133. " *Ananella*, L., *v. acuta*, Hook. f.  
 40. " *tenella*, Rottb.  
 117. *Pleurogryne rotata*, Griseb.  
 41. *Gilia aggregata*, Spreng.  
 68. " *linearis*, Gray.  
 124. *Krynitzkia Californica*, Gray.  
 18. *Phacelia circinata*, Jacq. f.  
 1. *Evolvulus argenteus*, Pursh.  
 25. *Castilleja linariaefolia*, Benth.  
 134. " *pallida*, Kunth., *v. septentrionalis*, Gray.  
 72. *Rinocella aquatica*, L.  
 69. *Mimulus floribundus*, Dougl. (Smoothish form)  
 26. " *glabratus*, HBK., *v. adscendens*, Gray.

105. *Pedicularis racemosa*, Dougl.  
 64. " *procera*, Gray.  
 14. *Pentstemon acuminatus*, Dougl.  
 34. " *confertus*, Dougl., v. *cæruleo-purpureus*, Gray.  
 27. " *glaber*, Pursh.  
 31. " " v. *alpinus*, Gray.  
 15. " *secundiflorus*, Benth.  
 6. *Aphyllon fasciculatum*, Gray.  
 74. *Draacocephalum parviflorum*, Nutt.  
 2. *Scutellaria resinosa*, Torr.  
 20. *Monolepis chenopodioides*, Moq.  
 99. *Polygonum imbricatum*, Nutt.  
 138. *Arcanthobium Americanum*, Nutt.  
 108. *Juniperus communis*, L.  
 17. *Habenaria hyperborea*, R.Br.  
 46. *Gygadenum elegans*, Pursh.  
 115. *Juncus Drummondii*, E. Meyer.  
 87. " *Parryi*, Engelm.  
 101. *Eleocharis pauciflora*, Link.  
 111. *Woodсия Oregona*, D.C. Eaton.

Plants from Miss Elizabeth Taylor. Dec. 20, '92.

Coll. at Mackenzie Delta etc.

1. *Vaccinium Vitis-Idaea*, L.
2.       "       *uliginosum*, L.
3. *Valeriana capitata*, Pall.
4. *Spiraea betulifolia*, Pall.
5. *Cornus Canadensis*,
6. *Orchis rotundifolia*, Pursh.
7. *Ribes Hudsonianum*, Rich.
8. *Dryas octopetala*, v. *integrifolia*, C. & S.
9. *Tofieldia borealis*,
10. *Beckmannia eruceaeformis*, Host.
11. *Stellaria longipes*, Goldie, v. *minor*, Hook.
12. *Habenaria obtusata*, Rich.
13. *Elaeagnus argentea*,
14. *Aster Sibiricus*, L.
15. *Aquilegia flavescens*, Wats.
16. *Zygadenus elegans*, Pursh.
17. *Cypripedium passerinum*,
18. *Saxifraga bronchialis*, L.
19. *Limnaca borealis*, Salisb.
20. *Rubus Chamaemorus*, L.
21. *Mitella nuda*, L.
22. *Parnunculus multifidus*, Pursh, v. *repens*, Wats.
23. *Pyrola rotundifolia*, v. *uliginosa*, Gray.
24. *Corallochiza imata*, R. Br.
25. *Parnassia palustris*, L.



26. *Andromeda polifolia*, L.
27. *Arenaria lateriflora*, L.
28. *Cassiope mertensiana*, Don.
29. *Eriogonum acris*, L.
30. *Rubus arcticus*, L.
31. *Moneses uniflora*, Gray.
32. *Rubus triflorus*, Rich.
33. *Pyrola chlorantha*, Swartz.
34. *Potentilla anserina*, L.
35. *Pyrola rotundifolia*, v. *asarifolia*, Hook.
36. *Sedum latifolium*, Ait.
37. *Adoxa moschatellina*, L.
38. *Primula farinosa*, L.
39. *Woodsia Ilowensis*, R.Br.
40. *Monotropa uniflora*, L.
41. *Potentilla fruticosa*, L.
42. *Pinguicula vulgaris*, L.
43. *Eriogonum philadelphicum*, L.

Received of  
 Mrs. C. Adams  
 10/1/1857  
 1/2/1857

Plants from Mt. Desert Island. E. L. Raud. Jan. 1893.

! *Spinacea glabra*, Mill. by chori.

*Chenopodium album*,

*Convolvulus sepium*, L. v. *Americanus*, Sims.

*Galium asperellum*, Gray.

*Oenothera biennis*, (remarkably hairy)

*Ribes floridum*,

*Malva verticillata*, L.

*Elatine Americana* -

*Brassica Sinapistrum*, Boiss.

*Rosa lucida* -

*Chrysanthemum leucanthemum* (large leaves.)

*Polygonum maritimum*, L.

*Prenanthes serpenticaria* Pursh.

" " v. *nana* -

*Plantago decipiens*,

*Euphrasia officinalis*, v. *Jatarica*,

*Equisetum arvense*,

*Potamogeton hybridus* -

*Sparganium simplex*, Huds.

" " v. *angustifolium*, Gray.

*Habenaria fimbriata*, (monotonic form)

*Scirpus pungens*, Vahl.

Plants from Mt Desert Id. M. L. Fernald. Jan. 1893.

- Lycopodium inundatum*, L.  
*Woodsia Slovensis*, R. Br.  
*Aspidium Sprinulosum*, v. *dilatatum*, Hook.  
*Abies alba*, Link. (abnormal cones)  
*Stipa Macounii*, Scribn.  
*Elymus mollis*,  
*Sporobolus sciotinus*, Torr.  
*Panicum depauperatum*, v. *fasciculatum*.  
*Eleocharis tenuis*, Sch.  
     "    *olivacea*, Torr.  
     "    *ovata*, R. Br.  
*Rhynchospora fusca*,  
     "    *alba*,  
*Cladium mariscoides*,  
*Carex scoparia*, Schk.  
     "    *staminea*, v. *brevior*, Dew.  
     "    *filiformis*, L.  
     "    *convexa*, Schk.  
     "    *crinita*,  
     "    *flava*, L.  
     "    *maritima*, D. F. M.  
*Scirpus maritimus*  
*Carex staminea*, v. *acumulata*.  
*Juncus Canadensis*, v. *longicaudatus*, Suf.  
     "  
     "    *pelocarpus*, L. Meyn.  
     "    *filiformis*, L.

- Juncus Greenii*, Oakes & Tuck.  
*Polygonum ophioglossoides*, Nutt.  
*Calopogon pulchellus*, R.Br.  
*Microstylis ophioglossoides*, Nutt.  
*Habenaria tridentata*, Hook.  
     "    *fimbriata*, R.Br.  
*Maianthemum Canadense*, Desf.  
*Sisyrinchium angustifolium*, Willd.  
*Potamogeton perfoliatus*, L.  
     "    "    *v. lanceolatus*, Robbins.  
     "    *pusillus*, R. (fide Morong)  
     "    *hybridus*, Mx (" " )  
*Sporogonium androcladum* (Eng) Morong (fide Morong)  
     "    *simplex*, Huds. (fide Morong)  
     "    *minimum*, Fries. " "  
*Aquilegia alba*, L.  
*Polygonum Carey*, Gray.  
     "    *convolvulus*, L.  
*Mentha sativa*, L.  
*Utricularia cornuta*, Mx.  
     "    *resupinata*, P.D. Greene.  
*Luzaria Canadensis*, Dum.  
*Euphasia officinalis*, L.  
*Veronica peregrina*, L.  
*Traxinus viridis*, Michx.f.  
*Vaccinium corymbosum* L. *v. fallidum*, Gay.  
     "    "    *v. amoenum* -  
     "    *vitis Idaea* L.  
     "    *macrocarpon* Ait.



- Sagittaria presinosa*. J. G.  
 " ~~prostrata~~ *amusa*. J. G.  
*Rhododendron Rhodora*. Don.  
*Lobelia Dortmunda*. L.  
 " *cardinalis*. L.  
*Anoseris pusilla*. Gaertn.  
*Bidens cernua*. L.  
*Solidago puberula*. Nutt.  
 " *canadensis*. L.  
 " *reflexa*, v. *linoides*.  
*Aster nemoralis*.  
 " *acuminatus*.  
 " *paniculatus*. L.  
 " *Novi-Belgii*. L.  
*Viburnum dentatum*. L.  
 " *lentiginosum*. Mx.  
*Galium trifidum* v. *pusillum*. Gray.  
*Hydrocotyle Americana*. L.  
*Sium cicutaefolium*. Gmelin.  
*Epilobium lineare*. Muhl.  
*Decodon verticillatus*. Ell.  
*Myriophyllum verticillatum* L. ? (fide Nees) "  
*Cellitriche renna* L. " "  
*Proserpinaca palustris*. L.  
*Hamaelis Virginiana*. R.  
*Drosera intermedia*, v. *Americana* DC.  
 " *rotundifolia*. L.  
*Elysiophyllum Americanum*.  
*Ribes nigrum floridum*.

- Rosa lucida* Ehrh.  
 " *nitida*, Willd.  
 " *humilis*, Marsh (?)  
*Cynus laubucifolia*, Cham & Schl.  
 " *albutifolia*, Lf.  
*Prunus serotina*.  
*Crataegus coccinea*.  
*Amelanchier Canadensis*.  
*Rhynchospora palustris* L.  
*Ilex verticillata*.  
*Neomophanes fasciculata*.  
*Lilium Europaea* R.  
*Malva alcea*. L.  
*Hypericum Canadense*.  
 " " *v. majus*.  
*Elatine Americana*.  
*Buda borealis*, Wats.  
 " *marina*, Dum.  
*Viola pinnatifolia* L.  
 " *blanda*. V. *palustriformis*.  
*Scabiosa minor*. V. *intermedia*.  
*Lepidium Virginicum*.  
*Cardamine hirsuta*.  
*Nymphaea odorata*.  
*Brasenia peltata*.  
*Ranunculus repens*.

## Plants from J. Franklin Collins, Providence, R.I.

Jan. 14, 1892.

1. *Aster caesescens*, Pursh, v. *viridis*, Gray. (Colorado)
2. *Leucostema affinis*, Griseb. "
3. *Euphorbia Preslii*, Guss.
4. *Atriplex patulum*, v. *hastatum*, Gray.
5. *Stachys annua*, L.
7. *Physalis Philadelphica*, Lam.
6. *Mentha Canadensis*, v. *plabata*, Benth.?
8. *Coreopsis Cardaminifolia*, Tob.
9. *Juncus Primus*, L.
10. *Acalypha Virginica*, L., v. *gracilis*, Muell.
11. *Polygonum acre*, A.B.K.
12. " *aviculare*, L.
13. " *rauosissimum*, Mx.
14. *Chenopodium murale*, L.
15. *Spinacea oleracea*, L.
16. *Amarantus ~~hypocistis~~ <sup>Lcheurostachys</sup>*, Willd. v. *hybridus*, Watson.
17. " *blitoides*, Watson.
18. *Lycium divinum*
19. "
20. "
21. *Chenopodium album*, L.
22. *Rosa lucida*, Ehrh.
23. *Leschea minor*, L., v. *maritima*, Watson.

Jan. 29 to Feb. 21, 1893.  
 Plants col. in N. Morocco Spring of 1889  
 by Talcott Williams.

*Hedera Helix*, L.

*Duplemmum protractum*, Link.

*Scandix Pecten Veneris*, L. (293)

Umbellifer sp - (181)

*Daucus muricatus*, L.

*Bryonia dioica*, Jacq. (115)

*Rythrum flexuosum*, Lap. (60, 229)

*Crataegus oxyacantha*, L. (6)

*Poterium Sanguisorba*, L.

" *Majusculi*, Spach.

*Rosa sempervirens*, L.

*Athyllis tetraphylla*, L. (66)

" *vulneraria*, L.

*Ononis Nativ*, L. (265, 1853)

*Lathyrus Ochrus*, L. (96)

*Lijolium angustifolium*, L. (264)

" *stellatum*, L.

*Vicia sativa*, L. (176)

*Medicago denticulata*, Willd.

*Fotus creticus*, L. (22)

*Scopimrus sulcata*, L. (82, 67)

*Genista sinifolia*, L.

*Lijolium hybridum*, L. ?

" *procumbens*, L.



- Adysarum capitatum*, Desf. (65)  
*Cytisus triflorus*, L'Her.  
*Pistacia lentiscus*, L. (18, 107).  
*Vitis vinifera*, L.  
*Geranium rotundifolium* (287)  
*Opalis cornua*, Thunb. (7)  
*Linum catharticum*, Huds.  
*Malva sylvestris*, L.  
*Malope malacoides*, L.  
*Lavatera trimestris*, L. (178)  
*Hypericum perforatum*, L. (157, 297.)  
*Silene Gallica*, L. (87)  
 " *cinerea*, Desf. (191)  
*Spergula arvensis*, L. (121)  
*Spergularia media*, Pers. (23)  
*Stellaria media*, L.  
*Rychnus Coeli Rosa*, L. (310)  
*Silene inflata*, L. (102)  
*Polygala nicaensis*, R. & K.  
*Helianthemum halimifolium*, L. (234)  
 " *guttatum*, L. (240)  
 " *plutinosum*, Pers.  
*Cistus ladaniferus*, L. (42)  
 " *populifolius*, R. (42!!)  
 " *salviaefolius*, L. (8)  
 " *albidus*, R. (144)  
 " *monsipelienensis*, L. (77)  
*Reseda alba*, L.  
 " *luteola*, L. ?

- Biscutella apulla*, L. (241, 53,  
*Alyssum maritimum*, Lam.  
*Malcolmia litorea*, R.Br. (223)  
*Capsella Bursa-pastoris*.  
*Fumaria Capreolata*, L.  
*Papaver hybridum* L. (302, 195)  
 " *Tauricolum*, Boiss (183)  
*Ranunculus trilobus*, Drosf.  
 " *Chaerophyllus*, L. (11)  
 " *acris*, L. (97)  
 " *aquatilis*, L. (114)  
*Anemone palmata*, L.  
*Ranunculus muricatus*, L. (187)  
*Nigella Hispanica*, L. v. *intermedia*, Cass. (284)  
 " *Damascena*, L. (263)  
*Cotyledon Hispanica*, L.  
 " " var. *Salzmanii*, Ball. (238)  
*Sedum hispidum*, Drosf.  
*Cotyledon Umbilicus*, Sm.  
 " *horizontalis*, Guss.  
*Plantago Psyllium*, L. (306)  
 " *macrochiza*, Poir. (92)  
*Lavandula Stoechas*, L. (236) (62)  
*Thymus villosus*, L. (260)  
 " *Munbyanus*, B & R. (303)  
*Salvia bicolor*, L. (254)  
*Orobancha pruinosa*, Lagr.  
*Bartsia viscosa*, L. (160)

- Anarrhinum pedatum*, Dref. (294)  
*Linaria ventricosa*, Cass? (183)  
*Antirrhinum majus*, L. (80)  
 " *Orontium*, L, v. *grandiflora*, Char. (78)  
*Triguera ambrosiaca*, Cav.  
*Calystegia sepium*, L. (232)(233)(239)  
*Convolvulus althaeoides*, L.  
 " *tricolor*, L. (239)  
*Cuscuta planiflora*, Ten. (247)  
*Echium angustifolium*, Lam. (232)  
*Cynoglossum pictum*, Ait (231)  
*Ceriumthe major*, Lam. (192)  
*Aechusa undulata*, L.? (51)  
*Chloea perfoliata*, L, v. *mascariensis*, Dref. (182)  
*Erythraea Centaurium*, L. (285)(200)  
*Vinca media*, Lk.  
*Nerium Oleander*, L. (221)  
*Anafallis avensis*, var. *latifolia*, Lge.  
 " *collina*, Sch. (62)  
 " *avensis* L (205)(145)  
*Armeria mauritanica*, Wahl. (202)(101)  
*Statice Thouini*, Viv. (272)  
 " *sincrata*, L. (278)  
*Calluna vulgaris* L. (21)  
*Erica umbellata*, L. (235)  
 " *australis*, L (12)  
 " *arborea*, L  
*Campamula Laeflingii*, Brot. (295)

- Jasione cornuta*, Coll. (237)  
*Anthemis punctata*, Vahl. (50)  
*Chrysanthemum coronarium* L. (274)  
*Catananche lutea* L. (307)  
*Buphthalmum aureum*, Salzm. (196)  
*Idontospermum aquaticum* L.  
*Carduus myriacanthus*, Salzm. (275)  
*Galactia tomentosa*, Mich.  
*Leontodon tuberosus*, L. (103)  
*Urospermum Dalechampii*, L. (108)  
*Tolpis barbata*, Gaertn. (218)  
*Centaurea pullata* L. (174) (19)  
*Bellis annua*, L. (140)  
*Chrysanthemum segetum* L.  
*Lichorium Intybus*, L. (266)  
*Scabiosa stellata* L. (283)  
 " *maritima* L. (204) (238?)  
*Fedia Cornucopiae*, L. (47) (193)  
*Centranthus Calcitrapa* L. (104)  
*Galium Saccharatum* All.  
*Lonicera etrusca*, Santi. (65)  
*Pteris aquilina* (118)  
*Polypodium vulgare*, L. (113)  
*Adiantum Capillis-veneni* (99, 55, 248)  
*Stipa tortilis*, Desf. (246)  
*Bromus macrostachys*, Desf. (253)  
 " *rubens* L. (251)  
 " *tectorum* L.



- Asplenium adiantum nigrum*, L. (13, 153)  
*Selaginella denticulata*, Sp. (46)  
*Cynosurus aureus* L. (280) (170)  
*Lolium ovatum*, L. (228)  
*Stipa aristata* L. (2)  
*Avena barbata*, Desf. (245)  
*Astilops ovata*, L. (252)  
*Lolium perenne*, L. (250)  
*Melica minuta*, L. (203)  
*Ammophila arenaria* L. (226)  
*Friquetum panicum*, Lam. (221) (257)  
*Festuca arundinacea* Schreb. (111)  
*Cynosurus echinatus*, L. (219)  
*Eleocharis palustris*.  
*Chamaerops humilis*, L. (62)  
*Onithofalum arabicum*, L. (98)  
 " *narbonense*, L.  
*Aphyllanthes monspeliensis*, L. (64)  
*Allium nigrum*, L. (97)  
*Asphodelus cerasiferus*, J. Gay. (15)  
*Allium triquetrum*, L.  
*Gladiolus segetum* Gowl. (215)  
*Orchis latifolia*, L. (213)  
*Juncus humilis*, Lam. (309)  
*Urtica pilulifera*, L.  
*Aristolochia lousa*, L. (292)  
*Rumex thyrsoides*, Desf. (259)  
 " *bicephalophorus*, L. (23, 27.  
*Polygonum marinum*, L.  
*Cherophodium murale*, L.  
*Paeonogchia argentea*, Lam.

C. O. Piper. Seattle, Wash.

Determined Feb. 23, 1893.

242. *Sidalcea Oregana*, Gray.  
 723. " *glaucescens*, Greene.  
 1132. *Mniophyllum spicatum*, L.  
 676. *Acnaphalis margaritacea*, B. & H. (usually rust)  
 1130. *Epilobium Halleianum*, Haussk (fide Fernald)  
 990. *Carex Sitchensis*, Prescott.  
 991. " *riparia*, Curtis.  
 1005. " *cryptocarpa*, C. A. Meyer.  
 1097. *Fisetum cernuum*, Fin.  
 1137. *Festuca tenella*, Willd.

B. F. Bush.

Missouri,

Feb 23 to March 1, 1893.

1. *Smilax scirrhata*, Watson.
2. *Urtica frandiflora*, Smith.
3. *Rosa humilis*, Marsh.
4. *Lespedeza violacea*, Pursh.
5. " *reticulata*, Pursh.
6. *Gerardia tenuifolia*, Vahl., var. *asperula* G.
7. *Oxybaphus nyctagineus*.
8. *Lespedeza reticulata*, Pursh.
9. *Erysimum cheiranthoides*.
10. *Hypericum perforatum*.

11. *Rosa leucilis*, Marsh.  
 12. *Polunisia fraveolens*.  
 13. *Lepidium ruderale*.  
 14. *Oenothera biennis* L.  
 15. *Lepidium intermedium*  
 16. *Erysimum* (perhaps *parviflorum*) Young!  
 17. *Lepidium ruderale*.  
 18. *Smilax ecirrhata*, Wats.  
 19. *Rosa blanda*, Ait.  
 20. *Rhynchosia latifolia*, Nutt.  
 21. " "  
 22. " "  
 23. " "  
 24. " "  
 25. " "  
 26. " "  
 27. " "  
 28. *Acacia filicina*, Willd.  
 29. *Bidens frondosa*, L. pubescent.  
 30. *Aurea lanchea Canadensis*.  
 31. *Bidens comata*, var. *comosa*, Gray.  
 32. *Galactia filosa*, L.  
 33. " "  
 34. *Bidens cernua*.  
 35. *Aster vicinus*, Lam.  
 36. *Bidens comata*.  
 37. *Oxybaphus myctafinens*.  
 38. " *albidus*, Sweet.

39. *Rosa humilis*, Muhl.  
 40. *Lilium Superbum* (possibly v. *Carolinianum*)  
 41. *Oenothera biennis* L.  
 42. *Spiranthes praecox*, Watson.  
 43. *Corallorhiza innata*.  
 44. *Lespedeza violacea*.  
 45. *Utricularia fraudiflora*, Smith.  
 46. *Lepidium intermedium*.  
 47. *Lespedeza reticulata*, Pers.  
 48. *Cymbopogon albidus*, Sweet  
 49. *Bidens comata*, near var. *comosa*.  
 50. *Erythraea venusta*!  
 51. *Engelmannia primatifida*.  
 52. { *Dromodium pauciflorum* DC.  
 53.     "     *cuspidatum*, Torr.  
 54.  
 55.



H. N. Patterson, Iaquawka Ill. Mar. 2, 1893.  
 Colo. Plants not in regular Set.

- A. *Phaseolus Virginiana*, Mill.  
 B. *Nasturtium Sinuatum*, Nutt.  
 C. *Oenothera coronopifolia*, Torr. & Gray.  
 D. *Ranunculus affinis*, R.Br.  
 E. *Antennaria Ludoviciana*, Nutt.  
 F. *ChenopodiumOLIDUM*, Watson.  
 G. *Senecio vulgaris*, L.  
 H. *Saxifraga nivalis*, Lindl.  
 I. *Aceretes auriculata*, Engelm.  
 J. *Stellaria longipes*, Goldie.  
 K. *Astragalus Shortianus*, Nutt.  
 L. *Arenaria biflora*, Wats.  
 M. *Rosa Sayi*, Schorr.  
 N. *Rosa Engelmannii*, Watson.

C. F. Wheeler, Agricultural College, Mich.  
 March 3, 1893.

1. *Aster puniceus*, near var. *laevicaulis*.  
 2. " *polyphyllus*, Willd.  
 3. " *longifolius* Lam.  
 4. " *Ludleyanus* F. & G.  
 5. " *puniceus*, var. *laevicaulis* Gray.  
 6. " *salicifolius*, Willd.

Plants from State College Herb, Pullman,  
Wash. Sent by C. V. Piper.

Det. from Mar 20, to Apr. 7.

400. *Aconitum columbianum*, Nutt. (fls. yellowish)  
 401. *Delphinium simplex*, Dougl.  
 402. " *scopolorum*, Gray.  
 404. *Thalictrum venulosum*, F. & A. S. P.  
 411. *Ranunculus occidentalis*, Nutt. var. *tenellus*, Gray.  
 414. " *septentrionalis*, Poir.  
 426. *Claytonia sibirica*, L.  
 428 (Union Flat) *Sidalcea campestris*, Greene.  
 428 (Pullman) " *Oregana*, Gray.  
 436. *Trifolium altissimum*, Dougl.  
 438. " *repens*, L.  
 439. *Mentzelia laevicaulis*, J. & G.  
 442. *Jeddoea stenopetalum*, Pursh.  
 444. *Ceanothus sanguineus*, Pursh.  
 453. *Impatiens fulva*, Nutt.  
 454. *Downingia elegans*, Torr.  
 455. *Dodocatheon Drummondii*, Wats.  
 457. " *Jeffreyi*.  
 458. *Ribes lacustre*, Poir. (fragmentary)  
 459. " *oxyacanthoides*, L.  
 460. " *aureum*  
 471. *Arabis acunata*, Gray.  
 476. *Rasturtium curvisiliqua*, Nutt.  
 477. " *officinale*, R. Br.  
 479. *Lepidium virginicum*, L.

480. *Stellaria media*, Griseb.  
 82. *Arenaria congesta*, var. *subcongesta*, Watson.  
 83. " *latiflora*, L.  
 98. *Fragaria vesca*, L.  
 500. *Rubus leucodermis*, Dougl.  
 501. " *occidentalis*.  
 04. *Centaureus Douglasii*, Lindl.  
 05. " *coccinea*, L.  
 09. *Spiza tetraloplia*, var. *corymbosa*.  
 16. *Gerum strictum*, Ait.  
 524. *Gayophytum diffusum*, Torr.  
 25. *Epilobium jucundum*, Gray.  
 27. " *adenocaulon*, Haussk.  
 29. " *luteum*, Pursh.  
 535. *Penstemon millefolium*, Watson. (or near it)  
 39. *Valerianaella acornola*.  
 40. *Valeriana Fitchensis*.  
 42. *Symphoricarpos occidentalis*.  
 552. *Gentiana affinis*, Griseb.  
 577. *Pedicularis ornithochrysa*, Benth.  
 85. *Gilia liniflora*, Benth., var. *pharmacoides*, Gray.  
 87. " *linearis*.  
 90. " *floccosa*, Gray.  
 94. *Phlox linearifolia*, Pursh.  
 99. *Stachys palustris*, L.  
 603. *Mentha Canadensis*, L.  
 607. *Iris Missouriensis*, Nutt.  
 614. *Potamogeton heterophyllus*, Schreb.

- 6, 8. *Calochortus nitidus*, Dougl.  
 ! 19. *Allium acuminatum*, Hook., var. *cuspidatum*, Fern. n. sp.  
 20. " *ceruum*, Roth.  
 ! 24. " *Hendersonii*, Rob. & Sea, n. sp.  
 28. *Triglochin* (so young that I dare not say what.)  
 31. *Juniperus occidentalis*, Hook.  
 43. *Polygonum polygaloides*, Meisn.  
 54. } *Wetia holosericea*, Nutt.  
       } " *Lyallii*, Wats.  
 63. *Astragalus lentiginosus*, Dougl. (?) (Fragmentary)  
 64. *Psoralea lanceolata*, Pursh.  
 65. *Astragalus Purshii*, Dougl.  
 "Oxytropis" from Hawaii - is *Astragalus inflexus*, Dougl.  
 67. *Astragalus Mortonii*, Nutt.  
 68. " *conjunctus*, Wats.  
 70. *Gilia minutiflora*, Benth.  
 83. probably a *Godetia*.  
 84. *Ammania humilis*, Mx.  
 85. *Lysimachia thyrsiflora*, L.  
 86. *Pentstemon Menziesii*, Hook.  
 90. *Stephanomeria paniculata*, Nutt.  
 91. &c. *Aster canescens*, Pursh.  
 93. " *Eugeniae*, Gray.  
 95 &c. *Eigeron filifolius*, Nutt.  
 702. *Othocarpus hispidus*, Benth.  
 03. " " "  
 05. *Moussellea odoratissima*, Benth.  
 06. *Caucalis microcarpa*, Hook.



710. *Pentstemon triphyllus*, Dougl.  
 11. " *venustus*, Dougl.  
 12. " *ovatus*, Dougl.  
 13. " *deustus*, Dougl.  
 15. *Atrypis Ludoviciana*, Nutt.  
 16. *Microseris nutans*, Gray.  
 20. *Aster campestris*, Nutt.  
 24. *Madia dissitiflora*, Torr. & Gray.  
 24. *Atrypis Ludoviciana*, Nutt.  
 25. " " "  
 27. *Troximon laciniatum*, Gray. (?) (Too young)  
 29. *Saillardia aristata*, Pursh.  
 30. *Krynitzkia Californica* (apparently)  
 32. *Bigelovia Douglasii*, var. *laucolata*, Gray.  
 33. " *fraxoleus*, var. *glabrata*, Gray.  
 35. *Arnica alpina*, Olin.  
 44. *Epilobium adenocaulon*, Haussk.  
 57. *Helianthella Douglasii*, Torr. & G.  
 53. *Grindelia nana*, Nutt., var. *discoidea*.  
 55. *Lupinus leucophyllus*, Dougl.  
 56. " *sericeus*, Pursh.  
 57. " " "  
 58. *Lathyrus palustris*, L.  
 94. *Solidago Missouriensis*, Nutt.  
 802. *Eriophyllum caespitosum*, var. *integrifolium*, Gray.  
 10. *Lathyrus maritimus*, Bigelorr.  
 11. *Calochortus elephas*, Pursh., var. *nanus*, Wood.  
 12. *Stephanomeria* <sup>meria</sup> ~~perma~~ *virgata*, Benth.

813. *Aster galiaceus*, var. *pubescens*, Gray,  
 14. " " " *Eatonii*, Gray.  
 15. " *campestris*, Nutt.  
 16. " " "  
 17. *Eriogon filifolius*, Nutt.  
 18. *Solidago eloupiata*, Nutt.

F. L. Stephens. New Brunswick, N. J.

April 19, 93.

*Physalis lauceolata*, Mx.

April 13 - 1893.

Plants from Mrs. Susan Tucker,  
Cherry, Spokane Co., Wash.

1. *Geranium Carolinianum*, L.
2. " *viscidum*
3. *Pentstemon confertus*, Dougl.
- 3a. *Pentstemon flabellatus*, Pursh.
- 3b. " *Richardsonii*, Dougl.
4. & 4a. *Potentilla facilis*, var. *rigida*, Watson.
5. *Potentilla arguta*, Pursh.
6. *Geum strictum*, Ait.
7. *Potentilla anserina*.
8. *Potentilla facilis*, Dougl., var. *flabelliformis*.
9. *Arnica alpina*, Druce.
10. *Wyethia amplexicaulis*, Nutt.
11. *Eigeron concinnum*, Torr. & Gray.
12. " *chrysopsides*.
13. & 13a. *Eigeron corymbosum*, Nutt.
14. *Bifloria graveolens*, Gray.
15. *Lupinus sericeus*, Pursh.
16. *Lupinus polyphyllus*, Lindl.
17. " *leucophyllus*.
18. *Astragalus* — ? (too young!)
19. *Oxytropis Lambertii* Pursh. (2) (too young!)
20. *Astragalus Mortonii*, Nutt.
21. *Hedysarum decumbens*.
22. *Astragalus lentiginosus*, Dougl.
23. *Vicia Americana*, Muhl.
- 24.

25.  
 26.  
 27. *Polemonium caeruleum*, L.  
 28. *Eriogonum compositum*, Dougl.  
 29. *Eriogonum umbellatum*.  
 30. " *niveum*, Dougl.  
 31. " *sphaerocephalum*, Dougl.  
 32. *Clarkia pulchella*.  
 33. *Phacelia Menziesii*, Torr.  
 34. *Mimulus luteus*.  
 35. *Mimulus moschatus*.  
 36. *Gentiana Oregana*.  
 37. " *affinis*, Guss. & Griseb.  
 38. *Scutellaria galeniculata*, L.  
 39. *Chaenactis Douglasii*, Hook. & Arn.  
 40. *Gaillardia pulchella*, Foug.  
 41. *Ranunculus glaberrimus*, Hook.  
 42. " *Flammula*, var. *intermedius*, Gray.  
 43. " *septentrionalis*, Poir.  
 44. *Delphinium Menziesii*, DC.  
 45. " *distichum*, Gray.  
 46. *Clematis ligusticifolia*.  
 47. *Phlox linearifolia*, Gray.  
 48. *Collomia grandiflora*.  
 49. *Tellima pauciflora*.  
 50. *Veronica scutellata*, L.  
 51. *Veronica Americana*, Schm.  
 52. *Collinsia pauciflora*.



53. *Hypericum Scouleri*, Hook.  
 54. *Philadelphus Gordonianus*.  
 55. *Calochortus macrocarpus*, Dougl.  
 56. *Fritillaria pudica*.  
 57. *Castilleja miniata*, Dougl.  
 58. " *frallida*, Smith.  
 59. *Silene Spauldingii*, Wats.  
 60. *Audubertia incana*, Benth.  
 61. *Monardella odoratissima*, Benth.  
 62. *Arenaria congesta*, var. *subcongesta*, Wats.  
 63. *Sphaeralcea mammosa*, Spach.  
 64. *Prunus demissa*, Walp.  
 65. *Polemonium pectinatum*, Greene.  
 66. *Aphyllon uniflorum*.  
 67. " *fasciculatum*.  
 68. *Arenaria latriflora* L.  
 69. *Stellaria longipes*, Goldie.  
 70. *Heuchera cylindrica*, Dougl.  
 71. *Rasturtium curvisiliqua*, Nutt.  
 72. *Sedum Douglasii*, Hook.  
 73. *Dodecatheon Drummondii*, Watson.  
 74. *Lewisia rediviva*.  
 75. *Claytonia Clavisonis*, Esch.  
 76. *Hesperochiron Californicus*, Wats.  
 77. *Brodiaea Douglasii*.  
 78. *Mertensia oblongifolia*.  
 79. *Sisyrinchium grandiflorum*, Dougl.  
 80.

May 23, 1893.

Plants from Marcus E. Jones, Salt Lake City.

- "*Oenothera Johnsonii*?" = *O. brachycarpa*, Gray.  
 "*Eriogonum* ~~frondosum~~ *frandulosum*, Wt?" = *E. frandulosum*, Nutt.  
 "*Pentstemon latisepalus* Jones" = *P. albidus*, Nutt.  
 " " *dolius* Jones" = *P. miser*, Gray.  
 " " *Parryi*, Gr. var. *imberbis*" = *P. acuminatus*, Dougl.  
 "*Xyritzia floribunda* Jones n. sp." = *X. plumbeata*, Gray.  
 "*Phacelia salina* Jones n. sp." = *P. Parryi*, Gray.  
 " " *demissa*?" = *P. demissa*.  
 ! *Eumuevante foliosa* Jones n. sp., is probably a good species near *pusilla*, with corolla relatively longer, capsules & seeds larger, inflorescence not so slender and elongated.  
 ! *Phacelia pinetorum*, Jones, near *micrantha*, but "A" from Willow calyx quite different.  
 "A Willow Spring" = *Downingia pulchella*, Torr.  
*Townsendia Watsonii*, Gray  
*Eriogon* *Eatonii*, Gray.  
 "*Bigelovia depressa* Gray?" = *B. depressa*, Gray.  
*Eriogon* *leucomus*,  
 "*Eriogon leucomus* n. sp." = *E. Nevadaensis*, var. *pygmaeus*  
 " " *Nevadaensis*?" = *E. caespitosus*, Nutt.  
 " " *caespitosus*, Nutt. = *E. tener*, Gray.  
 "*Aster venustus* Jones type" = *A. Wrightii*, Gray.  
 "*Townsendia scapifera*" = *T. florifer*.  
 "*Cynopterus Parryi* Jones" = *Coleoptera Parryi*, C. R.

"*Cymopterus Newberryi* (Wat) Jones" = *Coloptera*

"*Potriutilla dissecta*, var. *linearis* n. var." = *P. dis.*, var. *multisecki*.

*Suesia* *Kingii*, Wats.

*Suesia* " var. *sericea*, n. var. is a fair var.

"*Astragalus Chamaeleuce* var. *brachycarpus*, Jones" =

*A. Shortianus*, var. *brachylobus*, Gray.

" " " " = *A. glaucus*, Dougl.

" " *Thompsonia* Wat? " is a plant approaching

*Ericaceus* & *Purshii*; but pods not so volly.

" " *Janus* Jones n. sp. " seems a pod species.

" " *desperatus*, Jones " " " "

The unnamed plant from Mescal Mts, is *Dodonaea viscosa*.

"*Thelypodium elephas*, Jones n. sp." may be a pod species,  
but is near *sagittatum*!

"*Cymopterus Stapsensis* Jones type"

"*Eremocrinum albomarginatum* Jones" is a pod  
new species belonging to the genus *Athericum*.

May 29. 1893.

For Prof. F. release.

*Aster ericaefolius*, var. *knudii* Gr. from Colo.

Plants from Miss Loring.

June 10, '93.

116. *Solidago nemoralis*,  
 117.  *Gnaphalium polycephalum*,  
 118. *Solidago nemoralis*,  
 119. " " "  
 120. *Stiracium scabrum*.  
 114. *Solidago rufosa*.  
 115. *Rhus copallina*.  
 107. *Mimulus missus*.  
 108. *Campyloclelea rotundifolia*.  
 109. *Mentha Canadensis*.  
 106. *Eupatorium perfoliatum*. L.  
 91. *Tiburnum dentatum*,  
 136. *Aster diffusus*.  
 128. " *cordifolius*.  
 98. *Verbena hastata*.  
 98 $\frac{1}{2}$ . *Circaea Lutetiana*.  
 99. *Achillea Millefolium*.  
 100. *Raphanus Raphanistrum*.  
 101. *Tilene Armeria*.  
 102. *Carex monile*.  
 103. *Aster Novi Belpii*.  
 104. *Eriophorum Cyperinum*.  
 105. *Rhus typhina*.  
 129. *Aster linariifolius*.  
 130. *Smilacina racemosa*.  
 123. *Anafallis arvensis*.  
 124. *Labelia inflata*.



- 129½ *Vicia Cracca*.  
 121. *Neuroanthus fascicularis*.  
 122. *Solidago laucolata*.  
 26. *Solidago sempervirens*.  
 127. *Lycopodium complanatum*.  
 25. *Aster dumosus*.  
 71. *Juncus effusus*.  
 72. *Lysimachia stricta*.  
 73. *Viburnum cassinoides*.  
 75. *Pogonia ophioplossoides*.  
 76. *Eriophorum gracile*.  
 77. *Melampyrum Americanum*.  
 78. *Senecio tinctoria*.  
 79. *Aralia hispida*.  
 110. *Cypripedium pubescens*.  
 111. " *acaule*.  
 112. *Guardia purpurea*, var. *laevirens*.  
 113. *Goodyera pubescens*.  
 137. *Aster acuminatus*.  
 85. *Nasturtium Annonacia*.  
 86. *Lysimachia quadrifolia*.  
 82. *Cypripedium acaule*.  
 83. *Erigeron bellidifolius*.  
 88½. *Maianthemum Canadense*.  
 84. *Patentilla Canadensis*.  
 84½. *Patentilla Norvegica*.  
 31. *Solidago caesia*.  
 132. *Chelone glabra*.

33. Aster Novi-Belgii  
 34. " Cymbosera,  
 35. " Novi-Belgii.

Miss Furbish. Sept 25, 1893.  
*Pieris echinoides*, L.

R.C. Womer. Sept. 22 to 26, 1893.

- 145 *Arabis confinis*. Watson (a frequent form)  
 16 apparently *Arabis confinis*, Wats.  
 16½ *Arabis confinis* Wats.  
 86 apparently " " "  
 17 *Arabis hirsuta* Scop.  
 92 *Coscospis senifolia*. Mx  
 123 *Senecio vulgaris*, L. This has the heads  
 of " " Though slightly  
 pubescent, *S. viscosus* has decidedly  
 larger heads and is densely glandular.  
 125 & 126 *Helianthus giganteus*, L.  
 127 *Androsacea fulgida*, Ait.  
 128 " *speciosa*, Wend.  
 121 *Lactuca pulchella*, DC.  
 90 *Centaurea nigra*, L.  
 91 " *gacea*, L.  
 122 *Hieracium Gronovii*, L.  
 131 I should prefer to call this *H. Gronovii*  
 Though slightly glandular above.

133 *Senecio annuus*, var. *obovatus*

134 " " " "

135 " " " "

136 " " " "

137 " " " "

138 " " " "

139 *Samolus valerandi*, var. *Americanus*.

140 " " " "

141 *Physalis pubescens*, L.

142 *Lagima apetala*, L. (Took the liberty of passing a list for locality.)

143 *Lonicera Sullivanii*, Gray.

93. Dr. Gray has marked a similar specimen

*hirsuta*, approaching *glauca*

96 $\frac{1}{2}$  *Lonicera hirsuta*, Eaton.

96 " " " "

97 " *Sullivanii*, Gray

94 { " *hirsuta*, Eaton

♀ *oblongifolia*, Muhl.

95 " *glauca*, Hill.

120 " " " "

119 " " " "

118 " " " "

99 *Labelia leptostachys*, A.D.C.

98 " *spicata*, Lam.

100 " " " "

101 " *leptostachys*, A.D.C.

117 *Mentha aquatica* L. As you will notice in *Lyn. Fl.* Dr. Gray. marks





- 110 *Acinda tuberculata*  
 111 " "  
 112 " "  
 102 *Chenopodium murale*, L.  
 103 " *album*, var. *viride*, Moq.  
 104 " *glaucum*, L.

Plants from California Academy  
 verified and reduced Sept. 27 to Oct 5, 1893.  
 (Utah & Colorado)

- Claytonia parviflora*, Dougl. (no label)  
*Madia valida*, Brandg.  
*Lupinus pallidus*, Brandg.  
*Astragalus Ketherillii*, Jones. (n.sp.)  
 " *palans*, Jones. (n.sp.)  
 " *cicadae*, Jones. (n.sp.)  
 " *asclepiadoides*, Jones. (n.sp.)  
 " *desperatus*, Jones. (n.sp.)  
*Eriogonum glandulosum*, Nutt.  
 " *microthecum*, Nutt., var. *rigidum*, Eastwood (n.s.)  
*Grayia Beaudegui*, Gray.  
*Atropis conjugata*, Watson.  
*Eucelia nutans*, Eastwood (n.sp.)  
 "*Thelypodium aureum*, Eastwood" (n.sp.?)

We have the same thing apparently (Watson  
 108 of the Clarence King Expl.), which Dr. Gray  
 considered sagittatum, though differing from

our other specimens in the broader leaves.

*Acabis pulchra*, Jones.

*Berberis Fremonti*, Torr.

*Pedicularis centranthera*, Gray.

"*Penstemon Moffatii*, Eastwood" (n. sp.) is, as suggested, probably a form of *albidus*, Nutt.

There is a specimen called " " by Dr. Gray which has the anthers oblong, & the sterile filament longbearded.

! *Penstemon Wahensis*, Eastwood (n. sp.)

*Oenothera alyssoides*, Hook. & Arn., var. *multiflora*, Wats.

" *triloba*, Nutt., var. (?) *parviflora*, Watson.

" " *cardiophylla*, Torr. from Moab, S. E. Utah, is *Oe. brevipes*, Gr., var. *parviflora*, Wats.

" *Oenothera cardiophylla*, Torr. from Grand Junction, Colo. is *Oe. scapoidea*, Nutt.

There are two forms of *Oenothera scapoidea* from Grand Junction. The smaller flowered one is *scapoidea*, the larger flowered one var. *purpureascens*.

"*Aster venustus*, Jones" is *A. Wrightii*, Gray.

*Gilia pungens*, Benth.

"*Gilia superba*, Eastwood" (n. sp.) is *G. subnuda*, Torr.

Compared with <sup>the</sup> type. We have a specimen collected in Utah by A. L. Simon, '883.

*Forestiera Neo-Mexicana*, Gray.

*Asclepias cryptoceras*, Watson.

*Asclepiadora decumbens*, Gray.

*Asclepias involucriata*, Engelm., var. *tomentosa*, Eastwood.

*Poliumintha incana*, Gray.

*Mentzelia albicaulis*, Dougl., var. *integrifolia*, Eastwood

"*Eremocrinum albomarginatum*, Jones," is probably  
a new species of *Authericum*. Not a new genus!

*Malvastrum leptophyllum*, Gray.

*Baicalpinia repens*, Eastwood. (n. sp.)

*Trifolium Braudegi*, Watson.

*Phacelia splendens*, Eastwood. (n. sp.)

"*Phacelia nudicaulis*, Eastwood" (n. sp.) is identical  
with Dr. Gray's *P. tenuis*. Have it from Jones.

*Aquilegia scalcarata*, Eastwood.

From N. A. Stokes, Oct. 7, 1893.

*Taqalis tenuifolia*, Cav.

For M. Cameron. " "

*Cornus stolonifera*.

" *paniculata*.

*Rhus copallina*.

*Viburnum dentatum*

Vermont plants from A. J. Gunt. Oct. 7, 1893.

*Scirpus caespitosus*, L.

*Vaccinium corymbosum*, var. *fallidum*.

*Equisetum* —

H. L. Clark Phila. Oct. 9, 1893.

*Calamintha Nuttallii*, Bth. from Chicago



For Mr. Peabody. Sept. Oct. 13, 1893.

*Ocimum Basilicum*, L. (Sweet Basil)

*Borrago officinalis*, L. (Borage)

*Thymus serpyllum*, L. (Thyme)

*Pucedanum graveolens* (Dill)

*Pimpinella anisum*, (Anise)

For G. S. Miller, jr. Oct. 14.

*Cuscuta tenuiflora*, Eng.

For A. D. Davidson, Los Angeles, Oct. 17.

*Gilia inconspicua*, Dougl.

Oct. 20 - Nov 1.

Plants from J. H. Horsford.

(1) Collected in Cascade Mts. by Drs. R. M. Austin

1. *Polemonium carneum*, Gray.

2. *Calochortus* — insufficient.

3. *Oenothera trichocalyx*, Nutt.

4. *Vancouveria hexandra*, Torr. & Dec.

5.

6. *Allium acuminatum*, Hook.

7. *Brodiaea grandiflora*, Smith.

8. *Pachystima myrsinites*, Raf.

9. *Grainium incisum*, Nutt.

10. *Huechera cylindrica*, Dougl., var. *alpina*, Wats.

11. *Lupinus sericeus*, Fusch.

12. Malvaceae —

13.

14. *Silene campanulata*, Wats., var. *Greenei*, Wats.



15. *Galachortus lilacinus*, Kell.
16. *Lonicera ciliosa*, Poir.
17. *Allium attenuifolium*, Kell.
18. *Aucoume Oregana*, Gray.
19. *Hastingsia alba*, Watson.
20. *Erythronium Hendersonii*, Watson.
21. *Allium Kevii*, Watson.
22. *Grodiaea minor*, Watson.
23. *Iris Hartwegii*, Baker.
24. *Pentstemon heterophyllus*, Rindl.
25. *Pentstemon confertus*, Dougl.
26. *Cypripedium montanum*
27. *Meibomia pauciculata*, Don.
28. *Meibomia sibirica*, Don.
29. *Cuscuta ovalifolia*, Mott., var. *prolifera*, Watson.
30. *Meibomia alpina*, Don.
31. *Phlox Douglasii*, Hook.
32. *Dodecatheon affreyi*, var. *alpinum*.  
*Lilium Washingtonianum*, Kell.

(2) Collected by F. J. W. J. W.

1. { *Oxalis digynus*, Bth.  
*Allium pauciculatum*, Link & Otto.
2. *Oxalis decaphylla*, (short leaved form)
3. *Oxalis Lecothei*, Turcz. ex. Chau.
- 4.
5. *Oxalis Hernandezii*, J. P.  
{ *Chamaelytris flava*, Rob. n. sp.
6. { *Allium longifolium*, Spreng.
7. *Allium pauciculatum*, Link & Otto.
- 8.

9. *Dalmania tuberosum* L.  
 10. *Sporoclea Mexicana*, Gray.  
 11. *Sporoclea Mexicana*, Gray.  
 12. *Sporoclea Mexicana*, Gray.  
*Cosmos bipinnatus*, Cav.

Oct. 31, 1893.

In J. R. Hawley, Orono, Me.

*Eriogonum fasciculatum*, Dth.

*Oleumagne rotata*.

*Gentiana prostrata*.

Nov. 2, 1893.

A. J. Grant, Johnson, Vt.

*Scirpus lacustris*.

*Cicuta maculata*.

*Myriophyllum scaberrimum*,

*Rhynchospora alba*.

*Lycopodium Selago*.

*Muhlenbergia glauca*,

*Scutellaria latiflora*, pubescent.

*Aster tardiflorus*, L.

" *salicifolius*, Ait.

No. S-K 11, 1898.

From John Rolf, Canton, Ill.

1. Carex - apparently straminea, Willd.
2. Carex stricta, Lam., var. decora, Bailey.
3. Carex stricta, Lam., injured by insects.
4. Carex stricta, Lam., var. angustata, Bailey.
5. Carex stricta, Lam.
- 6.
7. Carex stricta, Lam., approaching var. decora.
8. Carex straminea, Willd.
9. Carex stricta, Lam., injured by insects.
10. Carex stricta, Lam., var. angustata, Bailey.
11. Muhlenbergia Willdenovii, Trin. Large diffuse form.
12. Muhlenbergia - a puzzling form between Mexicana and Sylvatica.
13. Aster cnicoides, L., var. villosus, ~~Lab.~~
14. Aster diffusus, Ait., var. thyrsoides, Gray.
15. Aster diffusus, var. bifrons, Gray.
16. Aster diffusus, var. bifrons, Gray.
17. Aster diffusus, Ait., var. thyrsoides, Gray.
18. Aster diffusus, var. thyrsoides, Gray.
19. Aster salicifolius, Ait., var. subasper, Gray.
20. Aster diffusus, Ait.
21. Diarrhiza autumnalis, R. & S.
22. Equisetum arvense, L.
23. Aster diffusus, Ait., var. thyrsoides, Gray.
24. Aster diffusus, var. bifrons, Gray.
25. Aster diffusus, Ait., var. bifrons, Gray.
26. Aster salicifolius, Ait., var. subasper, Gray.

27. *Aster diffusus* - form between var. *thyrsoides* & *biflorus*.
28. *Aster paniculatus*, Lam.
29. *Aster diffusus*, Ait., var. *thyrsoides*, Gray.
30. *Aster cordifolius*, L.
31. *Aster diffusus*, Ait.
32. *Aster salicifolius*, Ait. (blue) *paniculatus*, (white)
33. *Sporobolus vaginiflorus*, Vasey. *depauperata* forma.
- 34.
- 35.
36. *Aster diffusus*, Ait., var. *thyrsoides*, Gray.
37. *Aster diffusus*, Ait. - toward var. *biflorus*.
38. *Aster Tridacanti*, L.
39. *Aster Tridacanti*, L. Your No 22 of last year should be marked this instead of *paniculatus*, which I then accidentally called it.



Nov. 14-18 1893.

59

from W.C. Verneer, Columbus, Ohio.

326. *Solidago ulmifolia*, Muhl. Peculiar form, possibly hybrid.  
327. " *speciosa*, Nutt.  
328. *Aster salicifolius*, Ait.  
329. " " "  
330. " *Shortii*, Hook.  
331. " *Novi-Belgii*, var. *laevigatus*, Gray.  
332. " *diffusus*, Ait.  
333. " *Novi-Belgii*, var. *laevigatus*, Gray.  
334. " *laevis*, L.  
5. " *ericoides*, L.  
6. " *ratone*, Ait.  
7. " *diffusus* approaching *vicinus*.  
8. *Solidago ulmifolia*, Muhl.  
9. *Aster corymbosus*, Ait.  
40. *Helianthus divaricatus*, L.  
1. " *hirsutus*, Raf.  
2. *Stachys aspera*, Michx.  
3. " " "  
4. " " <sup>torrid</sup> var. *glabra*, Gray.  
5. *Stachys aspera*, var. *glabra*, Gray.  
6. " " " " "  
7. " " " " "  
48. " " " " "  
9. *Aster agrius*, Lindl.  
50. " *Ridleyanus*, Torr. & Gray.  
51. " " "

- ~~27.~~ 352. *Astr. Lindleyanus*  
~~28.~~ 53. " "  
~~29.~~ 54. " "  
~~30.~~ 55. " "  
~~31.~~ 56. " "  
~~32.~~ 57. " "  
 33. *Sporobolus vaginiflorus*, Vasey. *depauperate* form.  
 358. *Astr. sagittifolius*  
 59. *Astr. sagittifolius*  
 3 60. *Astr. sagittifolius*  
 61. *Astr. sagittifolius*  
 62. *Astr. Lindleyanus* toward *sagittifolius*  
 63. " between " & "  
 64. " " " "  
 65. " *Dummosonii*, Lindl.  
 66. *Astr. sagittifolius* toward *Lindleyanus*  
 67. " " " "  
 68. *Astr. diffusus*, Ait., var. *thyrsoides*, Gray.  
 69. " " " *bifrons*, Gray.  
 3 70. *Houstonia purpurea*, L.  
 45 " " var. *calycosa*?  
 71. *Valerianella Woodsiana*, Walp., var. *umbilicata*, Gray.  
 72. *Crataegus coccinea*,  
 73. " "  
 74. " "  
 75. " " toward var. *macracantha*  
 76. " "  
 77. " "  
 78. " " toward var. *mollis*, Fou. & Gray.

379. *Amelanchier Canadensis*, var. *oblongifolia*.  
 80. *Oenothera biennis*, L., var. *grandiflora*, Lindl.  
 81. " " " "  
 82. *Viola palmata*, L.  
 83.  
 84.  
 85.  
 86. *Aster paniculatus* Lam. ~~var.~~ <sup>near</sup> *Tradescanti*  
 87. *Eupatorium purpureum*, L. *change form!*  
 88. *Senecio aureus*, var. *obovatus*.  
 395. • *Solidago serotina*, Ait.  
 96. " " "  
 97. " " "  
 98. " *juncea*, Ait.  
 99. " "  
 400. " *serotina* var. *gigantea*.  
 1. " *rugosa*, Mill.  
 2. *Aster diffusus*, Ait.  
 3. " *cordifolius*, L.  
 4. " *diffusus*, Ait. monstrous!  
 5. " *paniculatus*, Desv.  
 6. " *patens*, Ait.  
 7. " "  
 8. " " var. *phlogifolius*, Muhl.  
 9. *Bidens comata*, Muhl., var. *comosa*, Gray.  
 10. " *cernua*, or *comata* ?  
 11. *Helianthus trachelifolius*, Willd.  
 12. " *decapetatus*.  
 13. *Veronica altissima*, Nutt., var. *grandiflora*, Gray.

414. *Mouada fistulosa*, R. too maibat. mollis.  
 415. *Cuscuta Gronovii*, Willd.  
 16. " " "  
 17. " *teniflora*, Engelm.  
 18. " " "  
 529. Some form of *Solanum nigrum*.  
 30. *Myosotis aurensis*, Hoffm.  
 31. " " "  
 32. " " "  
 33. *Ilex verticillata*, Gay.  
 34. *Mouada fistulosa*, L.  
 35. " *Clinopodium*, L.  
 36. " " "  
 37. " " "  
 38.  *Mentha aurensis*.  
 39. *Gutierrezia quinqueflora*, var. *occidentalis*.  
 40. *Mentha rotundifolia*.  
 41. " *Canadensis*.  
 42. *Campanula rotundifolia*.  
 43. " " "  
 44. " " "  
 45. "  
 46. *Lamium maculatum*.  
 47. an unnamed *Myosotis* from Sugar Grove, is *M. verua*, Nutt.  
 48. *Solidago juncea*,  
 49. " " "  
 50. " *serotina*  
 51. " *juncea*.



552. *Myosotis arvensis*, Hoffm.  
 53. *Solidago juncea*  
 54. *Viola pubescens*,  
 55. " " var. *scabriuscula*.  
 56. " " " "

Dec. 2, 1893.

Colorado plants from S. H. Camp, Jackson, Mich.

306. *Ranunculus Hookeri*, Reql.  
 256. " *Eichscholtzii*, Schl.  
 239. " "  
 281. " "  
 191. " *secleratus*.

*Eleocharis ovalis*.

Dec. 5, 1893.

San Bernardino &amp; other plants from Parish.

- Phacelia bicolor*, Ton.  
*Verbena urticaefolia*, L.  
*Callinsia Davidsonii*, Parish.  
 2545. *Phacelia brachyloba*, Gray.  
 " *Fremonti*, Ton.  
 2581. *Astragalus* - near *terrestris* - but fls. smaller, lvs. narrower.  
 ! 2647. *Trifolium gracilentum*, Ton. & G., var. *inconspicuum*, Fou. n. sp.

Dec. 7, 1893 -

for A. J. Groat, Johnson, Vt.

- Hypericum ellipticum* - form -  
*Agropyrum violaceum* - form.

Dec. 21. 1893.

Plants from W. A. Davidson, Los Angeles.

2. *Triptanthus heterophyllus*, Nutt.
1. *Kalearia cristata*.
3. *Asaekia brachycarpa*, Benth ("Lotus trispicus, Greene")
4. *Astragalus Mokiaceusis*, Gray.
5. *Oenothera* sp. -
6. *Beta vulgaris*, L.

"Lotus Davidsonii, Greene" is *Asaekia decumbens*, Bth.

"Lotus" is *Asaekia rigida*, Bth.

Jan. 3, 1894.

Vermont plants from N. M. Eggleston.

1. *Myriophyllum scabratum* Michx.
2. *Arabis laevigata* Ait.
3. *Galium triflorum*
4. *Salidago bigaurea*, var. *Raederi*, Port. & S.
5. *Aster* *bivittatus* + " *monticola* -
6. *Vitis aestivalis*
7. *Juncus Sabina* var. *procumbens*.
8. *Alnus incana* & *scandula*
9. *Aster salicifolius*.
10. *Aster laevis*.
11. *Solidago latifolia*.
12. *Helianthus debilis*, Nutt.
13. *Helopsis scabra*.
14. *Vaccinium Penn.* & var. *angustifolium*
15. *Triaba incana*
16. *Pycnanthemum lanceolatum*
17. *Viola blanda*
18. *Stellaria borealis*
19. *Rosa humilis*.
20. *Helianthus divaricatus*.
21. *Rumex Patens*.
22. *Rumex Britanica*
23. *Aquilegia oligocarpa*
24. *Callitriche verna*
25. *Aster undulatus*.
26. *Sagittaria variabilis*, var. *obtusata* & *angustifolia*  
& *Alisma Plantago*

- 27  
28  
29  
30 *Lycopodium sabinaefolium*, Willd.  
31 *Equisetum hyemale* (♂ variegatum)  
32 *Lycopodium Delago*  
33 *Astragalus alpinus* + *Rubliusii*  
34 " *Rubliusii*  
35 " "
- Lycopodium americanum* approaching  
var. jungerm.

Jan. 4. 1894.

For J. M. Macoun. (from Vancouver I.)  
*Claytonia Chaucissonis* Esch.

Jan. 4. 1894.

Chas. A. Dodge, Port Huron, Mich.

1. *Tropaeum?* perhaps *Carex prasina?*
2. *Eriophorum polystachyon*, var. *latifolium*, Gray.
3. *Carex canescens*.
4. *Carex tenella*, Schk.
5. *Salix balsamifera*, Bonatt.
6. *Poa flexuosa*, Muhl.
7. *Eriophorum polystachyon*, L., var. *latifolium*, Gray.
8. *Carex cernuata*, var. *cephalantha*, Bailey
9. *Carex polytrichoides*, Muhl.
10. *Carex polytrichoides*, Muhl.
11. *Carex riparis*, Curtis.



12. *Carex strigata*, Muhl.
13. *Carex Muhlbergii*, Schkuhr.
14. *Potamogeton perfoliatus*, var. *laucolatus*, Robt.
15. *Galium cucuzans*
16. *Carex vulpinoidea*, Michx.
17. *Carex filiformis*, L., var. *latifolia*, Boeckl.
18. *Carex straminea*, Willd., var. *mirabilis*, Torr.
19. *Epilobium adeno-caulon*, Haussk.  
*Carex straminea*, Willd.
20. *Juncus alpinus* Willd., var. *virginicus*, Fair.
21. *Carex straminea*, var. *brevis*, Drey.
22. *Cicuta maculata*, L.
23. *Carex Pseudo-Cyperus*, L., var. *Americana*, Koch.
24. *Carex lurida*, Wahl.
25. *Elychais palustris*.
26. *Juncus nodosus*, L.
27. *Juncus tenuis*, Willd.
28. *Panicum xanthophysum*, Gray.
29. *Panicum dichotomum*, L.
30. *Carex retrorsa*, Schwein.
31. *Dromus Kalmii*, Gray.
32. *Asopynum caninum*, R. & S.
33. *Galium cucuzans*.
34. *Aspidium marginale*, Brach.
35. *Lespedeza Stuevi*, Nutt., var. *intermedia*, Watson.
36. *Carex vulpinoidea*, Michx.
37. *Carex lurida*, Wahl.
38. *Helianthus giganteus*, L.
39. *Milium effusum*, L.

40. *Carex filiformis*, L., var. *latifolia*, Boeckl.  
 41. *Carex filiformis*, L., var. *latifolia*, Boeckl.  
 42. *Eriophorum polystachyon*, var. *latifolium*, Gray.  
 43. *Carex polytrichoides* Muhl.  
 44. *Panicum depauperatum*, Muhl.  
 45. *Rosa Engelmanni*, Watson.  
 46. *Barbarea vulgaris*, R. Br.  
 47. *Carex filiformis*, L., var. *latifolia*, Boeckl.  
 48. *Rosa blanda*, Ait.  
 49. *Carex stricta*, Nutt.  
 50. *Carex stricta*, Lam.  
 51. *Carex fusca*, All.  
 52. *Carex Sartwellii*, Dym.  
 53. *Rosa blanda*, Ait.  
 54. *Glyceria grandis*, Watson.  
 55. *Sporangium simplex*, var. *audocladum*, Eng.  
 56. *Ectocarpus obtusata*, Gray.  
 57. *Rosa Canadensis*, L.  
 58. *Galium trifidum*, L.  
 59. *Carex polytrichoides*, Muhl.  
 60. *Calamagrostis Canadensis*, Beauv.  
 61. *Carex Grayii*, Carey.  
 62. *Festuca mitans*, Willd.  
 63. *Panicum latifolium*, L.  
 64. *Cleochloa tenuis*,  
 65. *Carex Muhlenbergii*, Schkuhr.  
 66. *Calamagrostis Canadensis*, Beauv.  
 67. *Panicum latifolium*, L.

68. *Carex sparganoides*, Muhl.  
 69. *Epilobium coloratum*, Muhl.  
 70. *Juncus alpinus*, Willd., var. *insignis*, Fries.  
 71. *Cinna arundinacea*, L.  
 72. *Carex vulpinoidea*, Michx.  
 73. *Scirpus pungens*, Vahl.  
 74. *Potentilla recta*, L.  
 75. *Salix alba*, L., var. *caerulea*, Koch.  
 76. " " var. *vitellina*, Koch.  
 77. *Cupressus Gormiana*, Gordon.  
 78. *Ribocedrus decurrens*, Torr.  
 79. *Cupressus Lawsoniana*, Mun.  
 80. *Juniperus Californica*, Cav.  
 81.  
 82.  
 83. *Eucalyptus diversicola*, F. Muell.  
 84. *Acacia* — ? For young!  
 85. *Eucalyptus globularis*, Lab. (Australian)  
 86.  
 87. *Viburnum Tinus*, R. (European)  
 88.  
 89.  
 90. *Acacia Cyclops*, A. Cunn.  
 91. *Eucalyptus coriacea*, Ad. (Tasmanian).  
 92. *Aquilegia caerulea*, Torr.  
 93. *Thymopsis rhombifolia*, Rich.  
 94. *Potentilla glandulosa*, Lindl.  
 95. *Castilleja linariaefolia*, Benth.



96. *Stellaria longipes*, Goldie.  
 97. *Sampsonia rotundifolia*, var. <sup>perita</sup> ~~interjecta~~, Lange.  
 98. *Draba aurea*, Bahl.  
 99. *Isotria medeoloides*, Lehm., var. *puberula*, Watson.  
 100. *Antennaria dioica*, Gaertn.  
 101. *Clematis alpina*, var. *occidentalis*, Gray.  
 102. *Dodecatheon Drummondii*, Watson  
 103. *Aspidium marginale*, Swartz.  
 104. *Habenaria bracteata*, R. Br.  
 105. *Epilobium angustifolium*, R.  
 106. *Pentstemon glaucus*, Graham.  
 107. *Saxifraga Jamesii*, Torr.  
 108. *Juncus Pinnus*, L.  
 109. *Suaeda concolor*, Engelm.

Jan 20-27, 1894. J. S. Braudette.

Plants from Dover, California.

*Microstylis ophioglossoides*, Nutt.

" *corymbosa*, Wats.

*Aethusa rosea*, Bth.

*Habenaria filifera*, Watson = *Cassicomis*, Lindl., Ex char.

" *Shruberi*, Gray.

" *clypeata*, Lindl., Ex char.

" *diffusa*, R. & G.

" *Lucasensis*, Fernald, n. sp.



Feb. 1, 1894 - to March 1, 1894.

Plants of the Humboldt Expedition<sup>1846-49</sup> collected  
by C. V. Hartman  
Sonora, 1890.

1. *Sium angustifolium*, L.
2. *Cnicus Wrightii*, Gray.
3. *Alternanthera Achnanthoides*, R. Br.
- ✓ 4. *Philibertia cyananthoides*, DCesne, var. *subtruncata*, Rob. & Freeman, <sup>1846-49</sup> ~~1846-49~~
5. ~~*Quercopsis*~~ <sup>H. B. K.</sup> *Houttuynia Californica*, Deuth.
- ✓ 6. *Abutilon incanum*, Don.
7. *Iresine celosioides*, L.
8. *Porophyllum Secuamii*, Sch. Bip.
- ✓ 9. *Jacquemontia Pinquleyi*, Gray, var. *glabrescens*, Gray?
10. *Arbutus Jalapensis*, HBK.
- ✓ 11. *Andropogon hirtiflorus*, Kth.
- ✓ 12. *Marrubium vulgare*, L.
- ✓ 13. (Characeae)
14. *Dalea albiflora*, Gray.
15. *Hydrocotyle ranunculoides*, L. f.
- ✓ 16. *Lippia nodiflora*, Michx.
17. *Eriogonum Wrightii*, Torr.
18. *Nicotiana trigonophylla*, Don.
19. *Guilleminea illecebroides*, HBK.
- ✓ 20. *Stipa flexuosa*, Vasey.
21. *Jacqia stylaris* Mull.?
22. *Dalea formosa*, Torr.
23. *Gomphrena nitida*, Rothr.
24. *Phaseolus rotundifolius*, Gray.

25. *Notholaena pinnata*, Nutt.  
 26. *Cheilanthes lanuginosa*, Nutt.  
 27. *Eysenhardtia orthoceras*, Watson.  
 28. *Mercurialis oblongifolia*, Torr.  
 29. *Gymnogramme Elmerbergiana*, Holzsch.  
 30. *Dontlousia Humboldtiana*, Griseb.  
 31. *Rhus virens*, Lindl.  
 32. *Hibiscus Coulteri*, Gray.  
 33. *Juniperus* - sp.  
 34. *Thesperma gracile*, Gray.  
 35. *Ingrubousia triloba*, DC.  
 36. *Gomphrena Sonorae*, Torr.  
 37. *Cyperus Schweinitzii*, Torr.  
 38. ~~*Plustida vaginata*, Torr.?~~  
~~*Mercurialis oblongifolia*, Torr.~~  
 39. *Cassia Wislizenii*, Gray.  
 40. *Polygala scoparia*, A. R. K.  
 41. ~~*Euphorbia coralloides*, DC.~~ = *Sesbania macrocarpa* Muhl.  
 42. *Perezia Wrightii*, Gray.  
 43. *Salvia Scorodoniaefolia*, Torr.  
 44. *Malvastrum Thunbergii*, Gray, var. *laxiflorum*, Gray.  
 45. *Lippia Wrightii*, Gray.  
 46. *Chamaecrista Californica*, Esch.  
 47. *Bidens procera*, Don.  
 48. *Lobelia splendens*, Willd.  
 49. *Tyrhopappus Rothrockii*, Gray.  
 50. *Fouquieria splendens*, Engelm.  
 51. *Morus rubra*, L.  
~~*Cuscuta odontolepis*, Engelm.~~  
 52. ~~*Rassiflora scabra*, Gray.~~

53.  *Gnaphalium leucocephalum*, Gray.  
 ✓ 54.  *Eriogon coronarius*, Greene.  
 55.  *Heteropogon acuminatus*, Trin.  
 56.  *Selaginella rupestris*, Spt.  
 57.  *Euphorbia pilulifera*, L.  
 58.  *Galium Wrightii*, Gray, var.  *latifolium*, Rob. & Fern, n. var.  
 - 59.  *Mentha Canadensis*, L.  
 60.  *Muhlenbergia calamagrostidea*, Kth.  
 61.  *Naua hispidum*, Gray.  
 62.  *Clematis Drummondii*, Torr. & Gray.  
 63.  *Physalis glabra*, Benth. ?  
 64.  *Rivinia laevis*, L.  
 65.  *Sapiidus marginatus*, Willd.  
 ✓ 66.  *Euphorbia Brasiliensis*, Lam.  
 67.  *Polygonum segetum*, HBK.  
 68.  *Desmodium cinerascens*, Gray.  
 69.  *Caesalpinia* ?  
 70.  *Pectis filipes*, Gray.  
 71.  *Melanopodium longicome*, Gray.  
 72.  *Quercus* sp.  
 73.  *Jagates Lemmonii*, Gray.  
 74.  *Tillandsia recurvata*, L.  
 75.  *Sphaeralcea incana*, Torr.  
 - 76.  *Tetramerium hispidum*, Nees.  
 77.  *Muhlenbergia calamagrostidea*, Kth.  
 78.  *Gilia aggregata*, Spreng.  
 79.  *Rhus microphylla*, Engelm.  
 ✓ 80.  *Rhus Canadensis*, Nutt., var.  *trilobata*, Gray.



- 81. *Notholaena sinuata*, Kaulf.
- 82. *Hymenathemum acerosum*, Gray.
- 83. *Fimbristylis capillaris* - Gray.
- 84. *Distouaea viscosa*, L.
- 85. *Panicum colomum*, L.
- 86. *Aristida Schiediana*, Fin.
- 87. *Andropogon hutiflorus*, Rth.
- 88. *Crepisopogon mutans*, Rth.
- 89. *Bouvardia triphylla*, Salisb.
- 90. *Porophyllum macrocephalum*, DC.
- 91. *Elytharia tridentata*, Vahl.
- 92. *Alysicarpus pusilla*, L.
- ✓ 93. *Mentzelia albicaulis*, Dougl.
- 94. *Verbena polystachya*, G.P.K.
- 95. *Bidens chrysanthemoides*, Michx.
- 96. *Gaura parviflora*, Dougl.
- ✓ 97. *Tephrosia constricta*, Watson.
- 98. *Cyclanthera dissecta*, Vavilov.
- 99. *Pissiflora inaequalis*, Gray.
- 100. *Ingenhousia triloba*, DC.
- 101. *Hedeoma Drummondii*, Benth.
- 102. *Rhus Toxicodendron*, L.
- 103. *Euphorbia colorata*, Engelm.
- 104. *Zinnia pauciflora*, L.
- 105. *Heteranthera limosa*, Vahl.
- 106. *Prunus salicifolia*, G.P.K.
- ✓ 107. *Eclipta alba*, Vasek.
- 108. *Solanum tuberosum*, L.



- 109. *Elytraria tridentata*, Vahl.  
 110. *Aymenothrix Wrightii* Gray.  
 ✓ 111. *Gilia Pringlei*, Gray.  
 ✓ 111a. *Gilia* <sup>*multiflora*, Nutt.</sup>  
 112. *Chilopsis saligna*, Don.  
 113. *Bidens leucantha*, DC.  
 114. *Tirantia fugax*, Schur.  
 115. *Crusea Wrightii*, Gray.  
 - 116. *Eysenhardtia orthocarpa*, Watson.  
 ✓ 117. *Phaseolus Wrightii*, Gray. 117a. *P. retusus*, Benth.  
 118. *Dalea diffusa*, Moric.  
 119. *Suscuta Americana*, L.  
 120. *Cheilanthes Lindheimeri*, Hook.  
 ✓ 121. *Thalictrum Fendleri*, Gray, var. *Wrightii*, Gray.  
 -122. *Cedronella Mexicana*, Benth.  
 - 123. *Clematis Drummondii*, Torr. & Gray.  
 124. *Guardiola platyphylla*, Gray.  
 ✓ 125. *Aster canescens*, Pursh, var. *latifolius*, Gray.  
 126. *Zauschneria Californica*, Presl.  
 127. *Fragaria pistaciifolia*, Torr.  
 - 128. *Bouvardia triphylla*, Selish.  
 129. *Stevia Eupatoriæ*, Willd.  
 - 130. *Notholaena sinuata*, Nutt.  
 131. *Quercus Wislizeni*, A. DC.  
 ✓ 132. *Quercus undulata*, Torr. var. *beviloba*, Engelm.  
 ! ✓ 133. *Dalea Humboldtii*, Rob. & Fern. n. sp.  
 - 134. *Dalea albiflora*, Gray.  
 135. *Mimosa malacophylla*, Gray.  
 136. *Adolpha infesta*, Nees.

37. *Asclepias Linaria*, Cav.  
 ✓ 138. *Drymaria tenuella*, Gray.  
 139. *Cuphea Wrightii*, Gray.  
 140. *Washingtonia* sp.  
 141. *Geranium Mexicanum*, HBK.  
 -142. *Castilleja tenuiflora*, Bth.  
 143. *Aralia humilis*, Cav.  
 -144. *Zauschneria Californica*, Presl.  
 145. *Loeselia glandulosa*, Don.  
 146. *Lycurus phleoides*, HBK.  
 147. *Saccharis Bigelovii*, Gray.  
 148. *Polygala glochidiata*, HBK.  
 149. *Spiranthes Madrensis*, Benth. & Hook.  
 -150. *Castilleja aurensis*, Cham. & Schl.  
 -151. *Tecoma stans*, Juss.  
 152. *Pussiflora inamensu*, Gray.  
 153. *Vevesinia exceloides*, Benth. & Hook.  
 154. *Platanus Wrightii*, Watson.  
 155. *Caesalpinia fulcheriana*, Eratiz.  
 156. *Asclepias glaucescens*, HBK.  
 157. *Macrosiphonia bracyziphon*, Gray.  
 -158. *Loeselia glandulosa*, Don.  
 ✓ -159. *Jacobinia ovata*, Gray.  
 160. *Stachys coccinea*, Jacq.  
 -161. *Aster canescens*, Pursh, var. *latifolius*, Gray.  
 162. *Notolaena Grayi*, Davenport.  
 ✓ 163. *Cheilanthes microphylla*, Prz.  
 164. *Milleria quinqueflora*, L.

- ! 165. *Kosteletzkya cordata*, Presl. ex char.  
 166. *Euphorbia heterophylla*, L.  
 167. *Gonovia scandens*, L.  
 168. *Echinochloa Wrightii*, Cogn.  
 ✓ 169. *Cenotheca biennis*, L., var. *gaudiflora*, Lindl.  
 ✓ 170. *Panicum bulbosum*, HBK.  
 ✓ 171. *Notholaena geruquica*, Hook.  
 172. *Jatropha cardiophylla*, Muell.  
 173. *Eupatorium pycnocephalum*, Less.  
 ✓ 174. *Populus monticola*, Pradegee.  
 - 175. *Martynia fragrans*, Lindl.  
 - 176. *Hyptis Emoryi*, Torr.  
 177. *Ceanothus luxifolius*, Willd.  
 ✓ 178. *Arundo Donax*, L.  
 179. *Cuscuta umbellata*, HBK.  
 180. *Eupatorium?*  
 181. (leaves only)  
 182. *Sambucus Mexicana*, Presl.  
 ✓ 183. *Perityle deltaidea*, Watson.  
 184. *Hymenoclea monogyra*, Gray.  
 - ✓ 185. *Eclipta alba*, Hook.  
 - 186. *Euphorbia pilulifera*, L.  
 - 187. *Lagetes Lemmonii*, Gray.  
 - 188. *Ingenhousia triloba*, DC.  
 - ✓ 189. *Panicum colonum*, L.  
 190. (leaves only)  
 191. *Caesalpinia?*  
 192. *Sebastiania bilocularis*, Watson.



193. *Ipomoea trifida*, Don., var. *Ipomoea* Gray.  
 - 194. *Anisacanthus Thurberi*, Gray.  
 195. *Ipomoea leptotoma*, Torr.?  
 196. *Ipomoea* <sup>*estellata*</sup> ~~*leptotoma*~~, Torr.  
 - 197. *Aippia purpurea*, Jacq.  
 198. *Bidens heterophylla*, Tuckerm.  
 - 199. *Stemodia aurantifolia*, Swartz.  
 200. *Oxalis Wrightii*, Gray.  
 - 201. *Abutilon incanum*, Don.  
 202. *Hibiscus Coulteri*, Gray.  
 203. *Plumbago scandens*, L.  
 - 204. *Dodonaea viscosa*, L.  
 ✓ 205. *Nissolia Schottii*, Gray.  
 206. *Scaevola salicifolia*, L.  
 207. *Philibertia linearis*, Gray.?  
 ! ✓ 208. *Ipomoea spongiosa*, Rob. & Fern., n. sp. med.  
 209. *Metastelma Arizonicum*, Gray.  
 210. *Apodanthera undulata*, Gray.  
 - ✓ 211. *Jacobinia ovata*, Gray.  
 ! ✓ 212. *Lycium ~~exsertum~~*, Gray. *retusum*, Rob. & Fern., n. sp.  
 213. *Jesione celosioides*, L.  
 214. *Passiflora Mexicana*, Juss.  
 215. *Xanthoxylum pterota*, R.  
 216. *Pectis longipes*, Gray.  
 ✓ 217. *Ficus Galiscaua*, Watson.  
 218. (leaves only)  
 219. *Hiraea macroptera*, DC.  
 220. *Mecostema trigonophylla*, Don.



- ✓ 221. *Fuellielia alata*, Watson.  
 ! ✓ 222. *Leptocarpus Arizonicus*, Gray, var. *pubescens*, Rob. & Fern. n. var.  
 223. *Waltheria detonsa*, Gray.  
 - 224. *Santana involucrata*, L.  
 225. *Eriogonum delphinifolium*, Willd.  
 226. *Hougueria spinosa*, HBK.  
 227. *Antigonon leptopus*, Holl.  
 8. *Karwinskia Humboldtiana*, Trece.  
 - 9. *beckesia exilisoides*, Reuther Hook.  
 - 230. *Lycurus phleoides*, HBK.  
 1. *Bouteloua hirsuta*, Lag.  
 ✓ 2. *Iresine Schaffneri*, Watson.  
 3. *Eucelia farinosa*, Gray.  
 4. *Acacia filicina*, Willd.  
 5. " *Farnesiana*, Willd.  
 - 6. *Cuscuta Americana*, L.  
 - 7. *Dielliptera resupinata*, Jess.  
 - 8. *Notholaena ferruginea*, Hook.  
 ✓ 9. *Abutilon Beilandieri*, Gray.  
 ! ✓ 240. *Esenbeckia Hartmanii*, Rob. & Fern. n. sp.  
 1. *Olneya tesota*, Gray?   
 - 2. *Xanthoxylum pterota*, L.  
 3. *Solanum tectum*, Pers.  
 4. *Perezia Thuekeri*, Gray.  
 ! ✓ 5. *Crossosoma <sup>parviflora</sup> ~~flexuosa~~*, Rob. & Fern. n. sp.  
 6. *Solanum heterodoxum*, Don.  
 7. (leaves only)  
 8. *Parthenium tomentosum*, DC.?

249. *Lagascea decipiens*, Hms.
- ✓ 250. *Cassia Corsii*, Gay.
- ✓ 1. *Acacia Cochliacantha*; H. & B.
- ✓ 2. ~~*Aneides tomentosa*, Swartz, var. *fulva*, Hook. & Baker.~~  
~~*Notholaena sinuata*, Kaulf.~~
- 3. *Notholaena ferruginea*, Hook.
- 4. *Notholaena sinuata*, Kaulf.
- 5. *Cheilanthes Lindheimeri*, Hook.
- 6. *Sambucus Mexicana*, Presl.
- 7. *Lippia lycoides*, Steud.
8. *Ernania tomentosa*, Jacq.
- ✓ 9. *Cheilanthes Pringlei*, Davenp.
- ✓ 200. *Sporobolus asperifolius*, N. & M. ?
- ✓ 1. *Eriodendron acuminatum*, Wats. (petioles very pubescent)
- 2. ~~*Cheilanthes micropylla*, Swz.~~  
~~*Notholaena niva*, Desv.~~
- 3. *Fragaria pistaciaefolia*, Don.
- ✓ 4. *Muhlenbergia dumosa*, Scrib.
5. *Bursera jagaroides*, Engler.
- 6. *Acacia filicina*, Willd.
7. *Notholaena niva*, Desv.
- 8. *Sponaea spongiosa*, Rob. & Fern., n. sp. - med.
- 9. *Loesia glandulosa*, Don.
- 270.
- ✓ 1. *Aphonastemum ramosissimum*, DC.
- ! ✓ 2. *Maurandia*?, *geniculata*, Rob. & Fern., n. sp.
3. *Stevia Schaffneri*, Sch. Bip.
- 4. *Erigeron delphinifolius*, Willd.
5. *Eriosema diffusum*, G. Don.
6. *Couania Mexicana*, Don.

- 277. *Anisacanthus Thurberi*, Gray.  
 8. *Acacia constricta*, Benth.  
 - 9. *Iresine closioides*, L.  
 280. *Dalea laevigata*, Gray.  
 1. *Gaudichaudia filipendula*, Juss.  
 2. *Parkinsonia aculeata*, L.  
 - ✓ 3. *Cassia Covresii*, Gray.  
 4. *Solonum elaeagnifolium*, Cav. <sup>rather *Ameganicum*</sup>  
 - 5. *Erigeron delphinifolius*, Willd.  
 6. *Baccharis theoides*, HBK.  
 ! ✓ 7. *Sedum dumholtzii*, Rob. & Fern. n. sp.  
 ! ✓ - 8. *Mimulus dentilobus*, Rob. & Fern. n. sp.  
 ✓ - 9. *Mimulus glabratus*, HBK. var. *adscendens*, Gray.  
 ✓ 290. *Aster exilis*, Ell.  
 ✓ 1. *Samolus Valerandi*, L., var. *repens*, Prandeger.  
 ' 2. *Adiantum capillus-veneris*, L.  
 ' 3. *Asplenium Tichoumaes*, L., var. *repens*, Davenport.  
 ✓ 4. *Celtis reticulata*, Torr.  
 5. *Inceus* sp.  
 - ! ✓ 6. *Leptozyme Arizona*, Gray, var. *pubescens*, Rob. & Fern. n. var.  
 ✓ 7. *Eupatorium pauperculum*, Gray.  
 - 8. *Notholaena nivea*, Desv.  
 - 9. *Castilleja tenuiflora*, Bth.  
 ' 300. *Cheilanthes leudigera*, Gratz.  
 ✓ 1. *Tithonia fruticosa*, <sup>Cavendish</sup> Rose.  
 ✓ 2. *Montanoa patens*, Gray.  
 3. *Senecio Hartwegii*, Benth.  
 4. *Fendlera ruficola*, Eng. & Gray.



305. *Eupatorium collinum*, DC.  
 - 6. *Leptocarpus*  
 7. (Hepatic)  
 8. *Acer grandidentatum*, Nutt.  
 9. *Juniperus flaccida*, Schlecht.  
 v 310. *Selaginella lepidophylla*, Spr.  
 1. *Loranthus spirostylis*, DC. ex Char.  
 - 2. *Salvia elegans*, Vahl.  
 v 3. *Sedum Alamosanum*, Watson.  
 - 4. *Stachys coccinea*, Jaeg.  
 5. *Juncus grisea*, Liebm.  
 - 6. *Juncus elosiorides*, L.  
 v 7. *Dalea Parryi*, Torr. & G.  
 8. *Garrya ovata*, Benth.  
 - 9. *Asplenium Trichomanes*, L., var. *repens*, Davenport.  
 - 320. *Eclipta alba*, Hassk.  
 - 1. *Cheilanthes Lindheimeri*, Hook.  
 2. *Alnus acuminata*, HBK.  
 - 3. *Salvia leptoides*, Nutt. & Gal.  
 4. *Rhus Schiediana*, Schl.  
 v 5. *Brickellia Wislizeni*, Gray, var. *laucolata*, Gray.  
 - 6. *Sporobolus asperifolius*, N. & M. ?  
 - 7. *Selaginella rupestris*, Spring.  
 - 8. *Notholaena ferruginea*, Hook.  
 9. *Datura meteloides*, DC.  
 330. *Eryngium Deppianum*, Schl.  
 1. *Abutilon Jalapensis*, HBK. var. *Texana*, Gray.  
 2. *Silene Thurberi*, Watson.



- ✓ 333. *Bickellia Wislizeni*, Gray, var. *laucolata*, Gray.  
 4. *Perezia montana*, Rose.  
 5. *Desmodium linearifolium*, DC.  
 6. *Ireneus fulva*, Liebm.  
 7. " " "  
 8. *Ireneus oblongifolia*, Torr. var.  
 ✓ 9. *Rhamnus Californicus*, var. *tomentella*, Gray.  
 340. *Arcuthabium* sp.  
 1. *Polypodium thysanolepis*, A. Br.  
 2. *Polypodium* sp.  
 ! 3. *Ireneus crassifolia*, HBK. ex char.  
 4.   
 - ! 5. *Ireneus crassifolia*, HBK. ex char.  
 6. *Polypodium laucolatum*, L.  
 7.   
 8.   
 9.   
 340.   
 1.   
 2. *Ireneus* sp.  
 3.   
 4. *Actostaphylos pungens*, HBK.  
 - 5. *Aneximia tomentosa*, Bratz., var. *fulva*, Hook. & Baker.  
 6.   
 7. *Pteris aquilina*, L.  
 8. *Pseudotsuga Douglasii*, Cav.  
 9. *Eryngium Deppeanum*, Schl.

351. *Chimaphila maculata*, Pursh.  
 - 2. *Polygala scoparia*, A. N. S.  
 - 3. *Gerardia Wrightii*, Gray.  
 ✓ 4. *Rhamnus Californicus*, var. *tomentella*, Gray.  
 - 5. *Alexisia tomentosa*, Swartz, var. *fulva*, Hook. & Baker.  
 6. *Juniperus mexicana*, Schiede.  
 7. *Pellaea atropurpurea*, Link.  
 ✓ 8. *Corydalis aurea*, Willd., var. *occidentalis*, Gray.  
 - 9. *Cheilanthes leudigera*, Swartz.  
 360. *Cheilanthes tomentosa*, Link.  
 1. *Notholaena Hookeri*, Eaton.  
 - 2. *Garrya ovata*, Benth.  
 - ✓ 3. *Quercus oblongifolia*, Torr.  
 4. *Arceuthobium vaginatum*, Eichl.  
 5. *Dalea racuosissima*, Benth.  
 ✓ 6. *Cercocarpus parvifolius*, Nutt., var. *paucidentatus*, Wats.  
 7. *Pinus cembroides*, Zucc.  
 ✓ 8. *Junonia Californica*, Bth.

March 5, 1894.

C. V. Piper, Washington &amp; Idaho.

1453. *Clematis Douglasii*, Hook.  
 54. " *verticillaris*, DC.  
 55.  
 56. *Asarum Columbianum*, Nutt.  
 57. *Delphinium bicolor*, Nutt.  
 58. *Delphinium distichum*, Geyer.  
 - 59. *Myosurus apetalus*, Gray, var. *lepturus*, Gray.  
 60.  
 - 1. *Ranunculus alismaefolius*, Geyer.  
 - 2. " *glaberimus*, Hook.  
 - 3. " *septentrionalis*, Poir.  
 4.  
 - 5. *Scutellaria grandis*, Nutt.  
 6. *Thalictrum occidentale*, Gray.  
 7. " *venulosum* Trelease.  
 8. *Thalictrum occidentale*, Gray.  
 9. *Anemone nemerosa*, L.  
 70. *Arabis Holbrellii*, Hornem.  
 1.  
 2.  
 3. *Thelypodium laciniatum*.  
 4. *Rasturium curvisiliqua*, Nutt.  
 5.  
 6.  
 7. *Sisymbrium incisum*, Nutt., var. *filipes*, Gray.  
 8. *Platyspermum scapigerum*, Hook.

1479

80.

1. *Thysanocarpus pusillus*.

2.

3.

4. *Trifolium cyathiferum*, Lindl.5. *Trifolium altissimum*, Dougl.

6.

! 7. *Lathyrus pauciflorus*, Fern. n.sp.

8.

9. *Thermopsis montana*, Nutt.

90.

1.

2. *Astragalus inflexus*, Dougl.3. " *reventus*, Gray?4. *Astragalus Spaldingii*, Gray.5. " *mortoni*, Nutt.

6.

7. *Heuchera cylindrica*, Dougl., var. *glabella*, Wheelock.8. *Mitella trifida*, Graham.9. *Ribes viscosissimum*, Pursh.

1500.

1.

2.

3.

4.

5. *Valerianella anomala*, Gray.6. *Valeriana sculis*, Nutt.



1507. *Parietaria Pennsylvanica*.  
 8. *Urtica holosericea*, Nutt.  
 9. " " Nutt.  
 10. *Urtica Lyallii*.  
 11. *Celtis occidentalis*, L.  
 12. *Phlox speciosa*, Dougl.  
 13.  
 14. *Lilium grandiflorum*, Gay, var.  
 15. *Lilium linearis*.  
 16.  
 17.  
 18. *Lilium gracile*, Dougl.  
 19. *Lilium aggregatum*, Spreng.  
 20. *Lilium intertextum*, Steud.  
 1. *Polemonium micranthum*, Benth.  
 2. *Spiraea betulifolia*, Pall., var. *corymbosa*, Wats.  
 3.  
 4.  
 5.  
 6. *Neillia apulifolia*, B. & D.  
 7. *Pyrus sambucifolia*, S. & S.  
 8. *Potentilla arguta*, Pursh.  
 9. *Potentilla gracilis*, Dougl. var. *flabelliformis*,  
 20. *Pyrus virginiana*, var. *denisea*, (Nutt.)  
 1.  
 2. *Geum triflorum*, Pursh.  
 3.  
 4.

- 5 35 Crataegus coccinea, var. macrocarpa, Dudley.  
 6.  
 7. Poterium annuum, Nutt.  
 8. Rosa Fendleri, Crippin.  
 9. Rosa Nutkana, Poehl.  
 ! 40. " " var. hispida, Fern. n. var.  
 1. Rosa Fendleri, Crippin.  
 2.  
 3.  
 4.  
 5.  
 6.  
 7.  
 8.  
 9.  
 50.  
 1.  
 2.  
 3.  
 4.  
 5.  
 6.  
 7. Fizia cordata, Koch.  
 8.  
 9. Eryngium articulatum, Hook.  
 60.  
 1. Leptotaenia multifida, Nutt.  
 2. Peucedanum ambiquum, Nutt.

1563. *Peucedanum macrocarpum*, Nutt.  
 4. *Peucedanum Grayi*, C. & R. (?)  
 5.  
 6. *Peucedanum farinosum*, Geyer.  
 7. *Peucedanum Geyeri*, Watson.  
 8. " *simplex*, Nutt.  
 9. *Lophanthus urticifolius*, Benth.  
 70.  
 1. *Scutellaria angustifolia*, Pursh.  
 2. *Aplopappus racemosus*.  
 3. *Madia filipes*, Gray.  
 4. *Madia glomerata*, Hook.  
 5.  
 6. *Lagophylla ramosissima*, Nutt.  
 7. *Arnica cordifolia*, Hook.  
 8. " *alpina* ??  
 7. *Solidago Missouriensis*, Nutt., var. *extraria*, Gray.  
 80. *Solidago elongata*, Nutt.  
 1.  
 2. *Antennaria luzuloides*, T. & G.  
 3.  
 4. *Gnaphalium decurrens*, Ives, var. *californicum*, Gray.  
 5. *Antennaria racemosa*, Hook.  
 6.  
 7.  
 8.  
 9.  
 10.

1591.

2.

3.

4. *Balsamorhiza sagittata*, Nutt.5. *Wyethia amplexicaulis*, Nutt.6. *Rudbeckia occidentalis*, Nutt.

7.

8. *Helianthella Douglasii*, T. & G.

9.

1000. *Erigeron acris*, L., var. *Droebachensis*, Blytt.1. *Erigeron corymbosus*, Nutt.2. *Aster campestris*, Nutt.3. *Aster conspicuus*, Lindl.4. " *integrifolius*, Nutt.,5. *Aster Oreganus*, Nutt.

6.

7.

8. *Senecio lugens*, Rich., var. *spaltatus*, Gray.9. " *serra*, Hook.10. *Hieracium Canadense*, L.11. *Crepis intermedia*.12. *Microseris nutans*, Gray.13. *Microseris linearifolia*, Gray.14. *Hieracium Scouleri*, Hook.

15.

16. *Troximon grandiflorum*, Gray.17. " *heterophyllum*, Greene.18. *Frasera thyrsoiflora*, Hook.



- 16/9. *Foaseria albicaulis*, Dougl.  
 20,  
 1.  
 2. *Erythraea Douglasii*. ?  
 3. *Gentiana Oregana*, Engelm.  
 4. " *Amarella*, var. *acuta* (mana?).  
 5.  
 6. *Mentzelia dispersa*, Wats.  
 7.  
 8. *Godetia epilobioides*, Nutt.  
 9. *Guara parviflora*, Dougl.  
 20. *Clarkia pulchella*, Pursh.  
 1. *Epilobium paniculatum*, Nutt., var. *juvendum*, Trelease.  
 2. *Epilobium adenocaulon*, Haussk.  
 3. *Gayophytum diffusum*, T. & G.  
 4.  
 5. *Alnus rhombifolia*, Nutt.  
 6. *Pterospora andromedea*, Nutt.  
 7.  
 8. *Acer glabrum*, Torr.  
 9. *Acer glabrum*, Torr. with trifoliate leaves.  
 40.  
 1.  
 2. *Betula occidentalis*, Hook.  
 3.  
 4. *Sidalcea campestris*, Greene.  
 5. " " "  
 6. *Geranium incisum*, Nutt.

1647.

8.

9. *Asarum canadense*, Lindl.

50.

1. *Pachystima myrsinites*, Raf.

2.

3. *Hypericum Scouleri*, Hook.

4.

5. *Tonella floribunda*, Gray.

6.

7. *Mimulus Parryi*, Gray.8. *Synthyris rubra*, Benth.9. *Pedicularis bracteosa*, Dougl.

60.

1. *Pentstemon Menziesii*, var.2. *Pentstemon ovatus*, Dougl.

3.

4.

5. *Orthocarpus hispidus*.6. *Orthocarpus tenuifolius*.7. *Castilleja pallida*, Kunth.

8.

9.

70.

1. *Brodiaea Douglasii*, Wats.

2.

3. *Fortillaria pudica*, Spreng.

4.

*Trillium petiolatum*, Pursh.

1675.

6.

7.

8.

9.

! 80. *Calochortus flavonaceus*, Frum. n.sp.1. *Calochortus macrocarpus*, Dougl. white!

2.

3.

4.

5. *Allium acuminatum* var. *cuspidatum*.6. *Corallorhiza imata*, R. Br.

7.

8.

9. *Arenaria congesta*, Nutt.

90.

1. *Mertensia sibirica*, Dou.2. " *oblongifolia*.3. *Myosotis verna*, Nutt.

4.

5.

6. *Hydrophyllum capitatum*.7. *Hydrophyllum occidentale*, Gray.8. *Hesperochiron pumilus*, Porter.9. *Lithospermum pilosum*., 700. *Lithospermum pilosum*, Nutt.

1.

2. *Krynitzochia oycarya*, Gray.

1703. *Echinosperrnum Redowskii*, var. *occidentale* -

4.

5. *Arenaria macrophylla*, Hook.

6.

7.

8. *Silene Douglasii*, Hook -

9. *Silene menziesii*, Hook.

10.

1.

2. *Claytonia Chamissonis*,

3.

4. *Viola canina*, L., var. *adunca*, Gray.

5. *Viola Nuttallii*.

6.

7.

8.

9. *Lonicera Utahensis*, Wats.

20.

1.

2.

3.

4.

5.

6.

7.

8. *Downingia Cleburni*, Torr.

9.

30. *Dodecatheon Cusickii*, Greene -



1731.

32. *Dodecatheon cusickii*, Greene.

33.

34. *Woodia oregana*, Eaton

35.

36.

37.

38.

39. *Bromus brizaeformis*, F. & M.

40.

41.

42. *Deschampsia calycina*, Presl.

43.

44. *Danthonia californica*, Bal.45. *Melica bulbosa*, Geyer.

46.

47.

48.

49.

50.

51.

52. *Festuca ovina*, var. *sulcata*, Hackl.

53.

54. *Festuca microstachya*, Nutt.55. *Poa nevadensis*, Vasey.

56.

57. *Koeleria cristata*, Pers.58. *Deschampsia danthonioides*, Trin.

- 17 59 *Agrostis sparata*, var. ?  
60  
61 *Deyeuxia purpurascens*.  
62 *Stipa viridula*, Trin.  
63  
64  
65  
66  
67 *Peucedanum Grayi*, C. & R. (millefolium)  
68 *Cheilanthes lanuginosa*, Nutt.  
69 *Tropimou glaucum*, Nutt.  
70. *Corispermum hypsipifolium*, L.

April 5, 1894.

Plants from Humboldt Exped.  
coll. by F. E. Lloyd.

- ✓ 369. *Corydalis aurea*, Willd., var. *occidentalis*, Gray.  
 370. *Drymaria gracilis*, Cham. & Schl.  
 1. *Sida diffusa*, HBK.  
 ✓ 2. *Anoda Thurberi*, Gray.  
 ✓ 3. *Sphaeralcea Coulteri*, Gray.  
 4. *Azemia pusilla*, L.  
 5. " "  
 6. *Karwinskia Humboldtiana*, Jucc.  
 7. *Ceanothus buxifolius*, Willd.  
 8. *Rhus Schiediana*, Schl.  
 9. *Rhus Schiediana*, Schl.  
 80. *Dalea diffusa*, Moric.  
 ✓ 81. *Dalea Parryi*, Torr. & Gray.  
 82. *Acacia filicina*, Willd. var.  
 ✓ 83. *Dalea revoluta*, Wats.  
 84. " " "  
 85. *Dalea ramosissima*, Benth.  
 86. *Crotalaria pumila*, Ort.  
 87. " " "  
 ✓ 88. *Lysiloma candida*, Brandg.  
 ✓ 89. *Sedum Humboldtii*, Rob. & Fern. n. sp.  
 ✓ 90. *Oenothera biennis*, L., var. *grandiflora*, Lindl.  
 1. *Houstonia Wrightii*, Gray?   
 2. *Mitracarpum villosum*, Cham. & Schlecht.  
 3. *Galium uncinatum*, DC.  
 4. *Valeriana subifolia*, HBK.

## Stevia

- 395. *Eupatorium* *Eupatoria*, Willd.  
 - 6. *Eupatorium* *pauciflorum*, Gray.  
 - 7. " *pycnocepalum*, Less.  
 8. *Aster* *Potosinus*, Gray.  
 ✓ 9. *Aster* *caesescens*, Pursh, var. *viridis*, Gray.  
 ! 400. *Peritofe* *Lloydia*, Rob. & Fern. n. sp.  
 1. *Zinnia* *grandiflora*, Nutt.  
 - 2. *Pectis* *longipes*, Gray.  
 - 3. *Graphalium* *leucocephalum*, Gray.  
 4. *Artemisia* *Mexicana*, Willd.  
 ✓ 5. *Senecio* *neo-Mexicanus*, Gray.  
 - ! 6. *Leptocyne* *Arizonica*, Gray, var. *pubescens*, Rob. & Fern. n. var.  
 7. " *Arizonica*, Gray.  
 - 8. *Bidens* *heterophylla*, Ort.  
 - 9. *Bidens* *leucantha*, DC.  
 410. *Gymnosonia* *multiflora*, B. & H.  
 - 1. " "  
 2. *Baccharis* *sarothroides*, Gray.  
 - 3. " "  
 4. " *glutinosa*, Pers.  
 5. *Baccharis* *ptarmicaefolia*, DC.  
 ✓ 6. *Hymenothrix* *Wislizeni*, Gray.  
 - 7. *Hymenothrix* *Wislizeni*, Gray.  
 8. *Trigonospermum* *adenoxetemonoides*, Less.  
 - ✓ 9. *Perezia* *montana*, Rose.  
 - 420. *Guardiola* *platyphylla*, Gray.  
 1. *Bickellia* *florivanda*, Gray.  
 ✓ 2. *Bickellia* *Rushyi*, Gray. form.





- + 23. *Labelia gruinia*, Cav.  
 - 4. *Arctostaphylos pungens*, HBK.  
 - 5. *Fraxinus pinnatifolia*, Torr., var.  
 - 6. *Loeselia ciliata*, L.  
 - 7. *Loeselia glandulosa*, Don.  
 - 8. *Loeselia glandulosa*, Don.  
 - 9. *Sponoxea spongiosa*, Rob. & Fern. n. sp.  
 - 30. *Sponoxea corbellata*, Torr.  
 - 1. *Sponoxea leptotoma*, Torr.  
 2. " *hederacea*, Jacq.  
 3. *Physalis pubescens*, L.  
 4. *Physalis crassifolia*, Benth.  
 - 5. *Solanum nigrum*, L.  
 - 6. *Castilleja tenuiflora*, Bth.  
 7. *Lamourossia cordata*, Cham. & Schb.  
 - 8. *Mimulus glabratus*, HBK., var. *adscendens*, Gray.  
 - 9. *Mimulus glabratus*, HBK., var. *adscendens*, Gray.  
 - ! 40. " *denticlobus* Rob. & Fern. n. sp.  
 - 1. *Dicliptera resupinata*, Juss.  
 - 2. *Elytharia tridentata*, Vahl.  
 3. *Tetramerium hispidum*, Nees.  
 - 4. *Lantana involucrata*, L.  
 - 5. *Verbera Aubletia*, L.  
 6. " "  
 - 47. *Buddleia lanceolata*, Benth.?  
 - 8. *Verbera polystachya*, HBK.  
 - 9. *Salvia elegans*, Vahl.  
 50. *Hyptis Seemani*, Gray.  
 ! 1. *Salvia rubropunctata*, Rob. & Fern. n. sp.

- 452. *Salvia leptoides*, Mart. & Gal.  
 - 453. *Stachys coccinea*, Jacq.  
 - 4. *Gomphrena Sonorae*, Torr.  
 5.  
 6. *Phytolacca octandra*, L.  
 ✓ 7. *Euphorbia polycarpa*, Benth. var. *vestita*, Watson  
 ✓ 8. " *albomarginata*, Fob.  
 9. *Euphorbia* ~~*stictospora*~~ <sup>*adenophora*, Benth.</sup> Engelm.  
 60. " *euphoserma*, Boiss.  
 ✓ 1. *Euphorbia subreniformis*, Watson.  
 2. *Euphorbia colocata*, Engelm.  
 3. " *florida*, Engelm.  
 - 4. *Alnus acuminata*, HBK.  
 - 5. *Quercus grisea*, Liebm.  
 - 6. *Quercus oblongifolia*, Torr.  
 - 7. *Quercus oblongifolia*, Torr.  
 8. *Quercus* sp. = 342  
 - 9. *Washingtonia* sp. ?  
 70. *Cyperus incompletus*, Link.  
 1. *Eragrostis major*, Hook.  
 2. *Callia pappophoroides*, Kunth.  
 3. *Pinus Montezumae*, Lamb.  
 - 4. *Pseudotsuga Douglasii*, Cav.  
 - 5. *Pinus cembroides*, Juss.  
 - 6. *Juniperus mexicana*, Schied.  
 ✓ 7. *Pinus reflexa*, Engelm.  
 - 8. *Adiantum capillus-veneris*, L.  
 - 9. *Polypodium thysanolepis*, A. Br.  
 - 80. *Polypodium lauceolatum*, L.



- 481. *Ancinmia tomentosa*, Swartz, var. *fulva*, Hook. & Bot.  
 - 2. *Gymnogramme Ehrenbergiana*, Klotzsch.  
 - 3. *Notholaena Hookeri*, Eaton.  
 ✓ 4. *Gymnogramme triangularis*, Kaulf.  
 - 5. *Cellaea atropurpurea*, Link.  
 - 6. *Notholaena sinuata*, Kaulf.  
 - 7. *Notholaena ferruginea*, Hook.  
 - 8. *Notholaena sinuata*, Kaulf.  
 - 9. *Notholaena nivea*, Desv.  
 - 10. *Notholaena nivea*, Desv.  
 ✓ 1. *Asplenium Fichouianus*, L., var. *repens*, Davenp.  
 ✓ 2. *Cheilanthes Lindheimeri*, Hook.  
 - 3. *Cheilanthes Lindheimeri*, Hook.  
 - 4. *Cheilanthes tomentosa*, Link.  
 - 5. *Notholaena candida*, Hook.  
 - 6. *Notholaena Lemmonii*, Eaton.  
 - 7. *Woodsia obtusa*, Torr.  
 - 8. *Cheilanthes Wrightii*, Hook.  
 - 9. *Cheilanthes leudigera*, Swartz.  
 - 500. " *microphylla*, Swz.  
 - 1. *Cheilanthes microphylla*, Swz.  
 ✓ 2. *Cheilanthes Pringlei*, Davenp.  
 ✓ 3. *Asplenium Glenzicii*, Baker.  
 - 4. *Selaginella rupestris*, Spruce.  
 - 5. *Selaginella rupestris*, Spruce.  
 - 6. *Selaginella lepidiophylla*, Spr.  
 - 7.   
 - 8.   
 ✓ 509. *Euphorbia Brasiliensis* Lam. ?



Prof Alfred Dugès Apr. 16, '94 - May 25.

- No 301. Chachamole ou Cabeza de negro. Nymphaea gracilis, Jucc.  
 287<sup>his</sup> Anoda hastata, Cav.  
 287<sup>quella</sup> Abutilon trilobatum, Herms.  
 283. "Monacillo" Abutilon striatum, Dicks (cult. from Brazil)  
 α Ayenia Berlandieri, Wats.  
 272. "Encendedor" Gaudichaudia filipendula, Juss.  
 352. Ceanothus azureus, Desf.  
 372. Cardiospermum halicacabum, L.  
 243. "Jicama del cerro" Crotalaria pumila, Ort.  
 245A "Guajito" Crotalaria incana, L.  
 249. "Yuba de San Marcos" Lupinus bilineatus, Bth.  
 "Frebol" Melilotus parviflora, Desf.  
 "Rifle rouge", Hedysarum coronarium, L. (Int. from Eu.)  
 i. Coloqania pulchella, HBK.  
 243. Phaseolus heterophyllus, Willd.  
 Cassia with "fruit abnormal" C. leptocarpa, Bth.  
 f. "Dalea reflecta?". Dalea alopecuroides, Willd.  
 s. "Limoncillo" Dalea citroidora, Willd.  
 257<sup>1</sup> Acacia Eucoryana, Bth.  
 "Tepame" Acacia pennatula, Bth.  
 h. "timbe" Acacia filicina, Willd.  
 239 "Tepehuaji" Cassia polyantha, Moc. & Less.  
 x Cotoneaster denticulata, HBK.  
 288 "Perla de Cuba" = Herria rosea, Fernald.  
 303. Oenothera rosea, Ait.  
 "Lopezia" L. pumila, Bonpl.  
 308. Lopezia trichota, Schl.

- u Eryngium senatum, Cav.  
 311. "Acocote" Prionosciadium Watsoni, C. & R.  
 "Ahuacatillo" Garrya laurifolia, Bth.  
 364. "Zarcillo", Bauvaedia hypoleuca, Bth.  
 274. "Yerba del aire" Stevia glutinosa, var. Daxacana, DC.  
 7 Stevia senata, Cav.  
 9. "tatalencho", Gymnospermum corymbosum, DC.  
 J. "Gordolobo" Erigeron gnaphaloides, HBK.  
 C. "Escobilla" Schkuria Hopkirkia, Gray.  
 475. "yerba de la mula", Stevia salicifolia, Cav.  
 450. "Gordolobo" Gnaphalium seminamplexicaule, DC.  
 7 Gnaphalium Sprengelii, H. & A.  
 426. "Cielitos" Ageratum corymbosum, Zucc.  
 451. "Burros", Senecio heracleifolius, Hemsl.  
 MM Fixis obvallata, H. & A.  
 460A Parthenium lyratum, Gray.  
 "Españadeña" Fymenatherum Greggii, Gray.  
 456. Montana patens, Gray.  
 "Fiene", Fraxinus viridis, Mx., var. Belaudieriana, G.  
 Nicotiana = n. trigonophylla, Dunal.  
 105. "Taraumara" Asclepias lanuginosa, HBK.  
 8 Asclepias brachystephana, Eycl.  
 Myrsin - from Orizaba. Parathesis crenulata, H. & A.  
 93. "Frayles", Thereticia Decostii, DC., var. glabra, DC.  
 207. "Yelera", Gentiana spathacea, HBK.  
 99. "Flor del muerto" Gonolobus atratus, Gray.  
 416.B. Solanum elaeagnifolium, Cav.  
 115. "Mala mujer" Solanum rostratum, Dunal.

- y. Solanum nigrum.
376. Russelia retrosa, Greene
114. "Fronador" Tecoma mollis, HBK.
- 228B. Salvia nana, HBK.
- 228A. Salvia axillaris, Moq. & Less.
- f. Salvia laucalate, Willd.
- W. "Le' de yerbabuena" Mentha aquatica, L.
- "Poles" Mentha americana, L.
313. Aphyllon Dufresii, Wats.
325. Plantago Patagonica, Jacq.
- 338 "mocho de pavo" Polygonum Mexicana, Small.
335. Rumex crispus, L. "Lengua la vaca".
- 202B. Euphorbia graminea, Jacq.
- 202C Euphorbia euphospemma, Boiss.
- ~~HN~~ Salix Humbol
54. "Botella" Quithopalum longibracteatum, Jacq.
- d Radecantia Disgrega, Kth.
28. Radecantia crassifolia, Cav.
31. "Yrba del pollo" Commelina Virginica, L.
34. Cyperus incompletus Link
- 34B. Fimbristylis autumnalis, R. & S.
- ✠ Hilana cenechroides, HBK.
- Gramma Panicum obtusum, HBK.
- - Aetropopon contortus, R. & S.
- K. no 1. Bouteloua hisuta, Lag.
- K. no 2 Setaria glauca, Beauv.
- ± "Camaloti" Panicum Cus-falli, L.
- C Eragrostis major, Ait.



- 24 *Chloris elegans*, H.B.K.  
 o. *Paspalum distichum*, L.  
 l. *Chloris virgata*, Swartz.  
 "Maiz de España" *Sorghum saccharatum*.  
 g. *Muhlenbergia rigida*, Trin.  
 10 " "  
 e. *Polypodium crassifolium*, L.  
 5. *Rotholaena fernpinia*, Hook.  
 n " *sinuata*, Hook.  
 3 *Cheilanthes myriophylla*, Desv.  
 m. *Pellaea Seemannii*, Hook.  
 111. *Bignonia buccinatoria*.

The following seed planted in the garden -

1. a. *Cedrela Dufesi*, Watson. ?  
 2. b. *Mirabilis jalapa*, ?  
 3. c. *Agafian* (anomalous *Euphorb.*) argythamnia  
heterantha, Mull. Arg.  
at Chas.  
 4. d. *Prionosciadium Watsoni*, C. & R. ?  
 5. e. Grass — near *Chloris*. *Panicum Crus Galli*



April 19. '94.

Prof. Owen Nelson. Laraine, Nyo.

1. *Gayophytum ramosissimum*, J. & G.
2. *Aster Parryi*, Gray. pubescent.  
" *Xylochiza*, Torr. & G. glabrous -
3. *Chenopodium leptophyllum*, Nutt.
4. to young!
5. *Smelowskia calycina*, Meyer
6. *Sibbaldia procumbens*, L.
7. *Monolepis chenopodioides*, Moq.
8. *Veronica alpina*, L.
9. *Artemisia dracunculoides*, Pursh.
10. *Balsamorhiza sagittata*, Nutt.
11. *Euthierzia Euthamiae*, Torr. & G.
12. *Arnica latifolia*, Bong.
13. to young!
14. *Cardamine Brewerii*, Watson.
15. *Nasturtium sinuatum*, Nutt.
16. *Sphaeralcea murrosana*, Spach.
17. *Oenothera* - to young.
18. *Eriogonum alatum*, Torr.
19. *Oenothera pinnatifida*, Nutt.
20. *Eurotia lanata*, Moq.
21. *Krynitzkia fulvocaulis*, Gray.
22. " *glomerata*, Gray.
23. *Emicus ochrocentrus*, Gray (smooth!)
24. *Emicus undulatus*, Gray, var. *canescens*, Gray.
25. *Salidago elongata*, Nutt.
26. *Tropimoriv glaucum*, Nutt., var. *laciniatum*, Gray.
27. *Vesicaria Ludoviciana*, DC.

28. *Helianthus giganteus*, L.  
 29. *Aster foliaceus*, Lindl.  
 30. *Graphalium palustre*, Nutt.  
 31. *Castilleja miniata*, Dougl.  
 32. " " "  
 33. *Delphinium distichum*, Gray.  
 34. *Erigeron ursinus*, Eaton.  
 35. " *pusillus*, Nutt.  
 36. " *glabellus*, Nutt.  
 37. *Galium boreale*, L.  
 38. *Aplopappus acaulis*, Gray.  
 39. *Gymnoloma multiflora*, Benth. Hook.  
 40. *Erigeron glabellus*, Nutt. - apparently -  
 41. *Arnica foliosa*, Nutt. near var. *incana*, Gray.  
 42. ~~*Vesicaria Wardii*, Watson.~~ *Physaria didymocarpa*, Gray.  
 43. *Vesicaria Ludoviciana*, DC.

Tray 1-

1894.

Colorado Plants from S.H. Comp -

1. *Ranunculus Escholtzii*, Schl.  
 2. *Ranunculus Escholtzii*, Schl.  
 3. *Ranunculus Escholtzii*, Schl.  
 4. " *Macaulayi*, Gray.  
 5. *Pedicularis scopulorum*, Gray.  
 6. *Chrysopsis villosa*, Nutt.  
 7. *Castilleja pallida*, var. *septentrionalis*.  
 8. *Castilleja pallida*, var. *septentrionalis*.

9. *Phacelia glandulosa*, Nutt.
10. *Sullivantia Oregona*, Watson.
- 11.
12. *Erigeron ursinus*, Eaton (another than 13)
13. " *grandiflorus*, Hook., var. *elaticor*, Gray.
14. " *salsuginosus*, Gray, var. *glacialis*, Gray.
15. *Saxifraga caespitosa*, Gray.
16. *Townsendia Rothrockii*, Gray.
17. No young!
18. *Pentstemon glaucus*, Griseb.
19. *Arenaria discolor*, Dougl.
20. *Erigeron uniflorus*, L.
21. " "
22. *Potentilla Pennsylvanica*, L.
23. *Cerastium alpinum*, L., var. *Beerlingianum*, F. & G.
24. *Trifolium Parryi*, Gray.
25. *Trifolium dasyphyllum*, Fow. & Gr.
26. *Trifolium dasyphyllum*, Fow. & Gray.
27. *Arenaria Norvegica*, Fries.
28. *Trifolium longipes*, Nutt.
29. *Aster canescens*, Pursh, var. *viscosus*, Gray.
30. " " " " " "
31. *Chamaectis Douglasii*, var. *alpina*.
32. *Peucedanum farniculatum*, Nutt.
33. *Pentstemon linarioides*, var. *Sileri*, ? (for security).
34. *Pentstemon caeruleus*, Nutt.
35. " *secundiflorus*, Beath.
36. *Pentstemon glaber*, Pursh.

37. *Epilobium Hornemannii*, Reichenb.  
 38. *Epilobium adenocaulon*, Haussk.?  
 39. *Chaenactis Stevioides*, Hook & Arn.  
 40. *Senecio petraeus* Gray.  
 41. " *aureus* L., var. *compactus*, Gray.  
 42. " " var. *croceus*, Gray.  
 43. " " " " "  
 44. ? ? too scanty.  
 45. *Erigeron concinnus*, Ton. & Gr.  
 46. *Thelypodium aureum*, Eastwood.  
 47. *Senecio aureus*, L., var. *croceus* - Gray.  
 48. *Aplopappus pygmaeus*, Gray.  
 no number. *Musenium divaricatum*, Nutt.



Chihuahua Plants coll. by Hartman.  
 & Sinaba

570. *Ranunculus Hookeri*, Schlecht.  
 - 1. *Hiraea macroptera*, DC.  
 2. *Lonicera involucrata*, Kauke.  
 3. *Ilex rubra*, Wats.  
 - 4. *Caesalpinia pulcherrima*, Swartz.  
 v 5. " *platyloba*, Watson.  
 v 6. *Diphysa racemosa*, Rose.  
 7. wo = *Lupinus micophylla* - fr = *Bignonia equinoctialis*, L.  
 v 8. *Willardia Mexicana*, Rose.  
 9. *Mimosa asperata*, L.  
 20. *Acacia cochlesantha*, Hook.  
 v 1. *Senecio anienus* L. var. *compactus*, Gray.  
 ! 2. *Cacalia globosa*, Rob. & Fern. n. sp.  
 v 3. *Bellis orthopoda*, Rob. & Fern. n. sp.  
 4. *Lobelia nana*, HBK.  
 - 5. " "  
 6. *Arbutus glandulosa*, Mart. & Gal.  
 7. *Vaccinium* - ?  
 8. *Arbutus* ?  
 9. *Plummeria Mexicana*, Lodd.  
 30. *Asclepias setosa*, Benth.  
 v 1. *Veronica Americana*, Schw.  
 2. *Pinguicula caudata*, Schlecht.  
 ! 3. *Utricularia denticulata*, Benj., ex char.  
 v 4. *Stemmadenia Palmeri*, Rose.  
 v 5. *Coccoloba Orizabae*, Lindau, fide Authan.

536. *Sterculia* ?✓ 7. *Ficus radulina*, Watson.8. *Pinus latiquama*, Engelm.9. *Pseudotsuga Douglasii*, Engelm.40. *Pinus Chihuahuana*, Engelm.! 1. *Pinus Lambertiana*, Rob. & Fern. n. sp.2. *Cupressus Benthamii*, Sudl.✓ 3. *Spiranthes jaliscana*, Watson.✓ 4. *Smilacina amplexicaulis*, Nutt.! 5. *Spizelia formosissima*, Herb.! 6. *Bravoa densiflora*, Rob. & Fern. n. sp.✓ 7. *Tillandsia Pringlei*, Watson.

8.

9. *Guazuma tomentosa*, HBK.50. *Pinus Arizonica*, Engelm.1. *Agave (Littaea)* ?2. *Casimiroa edulis*,3. *Oxalis trifoliata*, L.4. *Tephrosia Schiediana*, Scht.✓ 5. *Anoda Arizonica*, Gay.6. *Agave Yuccaefolia*, DC.

## Economic Plants Collected by Humboldt.

557. *Brassica pativa*, L.  
 8. *Portulaca oleracea*, L.  
 - v 9. *Rhus Arizonica*, Gray. = *Rhus triangularis*, DC.  
 - v 60. *Eriodendron acuminatum*, Wats.  
 - 1. *Casimiroa edulis*, Lav & Lex.  
 v 2. *Viguiera decurrens*, Gray.  
 3. *Casmos parviflorus*, Willd.  
 - 4. *Bidens leucantha*, DC.  
 5. *Saracha umbellata*, Don.  
 6. *Vitex mollis*, HBK.  
 7. *Amarantus Palmeri*, Watson.  
 - v 8. *Sebastiania* <sup>(?)</sup> ~~*ichthyophora*, Rob. & Fern. n. sp.~~ *Pavoniana*, Mull. Arg. (?)  
 9. *Pinus latisquamis*, Engelm.  
 70. *Juniperus tetragona*, Schl.  
 71. *Yucca baccata*, Torr.  
 2. " *macrocarpa*, Engelm.?  
 3. *Agave planifolia*, Watson.  
 v 4. " *variegata*, Benth.?  
 5. *Agave heteracantha*, Juss.?  
 6. *Tillandsia recurvata*, L.  
 7. Grass, only leaves.

see also nos. 537, 545, 549, 553, 554, 556, 819

Jan 5, 1894-

- 578 *Aspidium juglandifolium*. (nobilis)  
9 *Aphyllon fasciculatum*, Gray.  
80 *Androsace occidentalis*, Pursh.  
1 *Sisyrinchium anceps*, Cav.  
✓ 2 *Parietaria Florida*, Nutt.  
✓ 3 *Castilleja minor*, Gray.  
✓ 4 *Quercus hypoleuca*, Engelm.  
5 *Rhamnus Purshiana*, DC.  
- 6 *Fendlera rupicola*, Engelm. & Gray.  
- 7 *Alburtus Kalapensis*, HBK.  
8 *Juglans rupestris*, Engelm.  
9 *Rhus toxicodendron*, L.  
! 90 *Viola peropoda*, Hemsl. ex char.  
✓ 1 *Townsendia Wilcoxiana*, Wood.  
- 2 *Acetostaphylos pungens*, HBK.  
✓ 3 *Cerastium Texanum*, Britton.  
✓ 4 *Erigeron flabellatus*, Gray.  
5 *Astragalus parvus*, Hemsl.  
6 *Gilia inconspicua*, Dougl., var. *sinuata*, Gray.  
7 *Cercis polyacanthus*, Engelm.  
8 *Castilleja integra*, Gray.  
9 *Euphorbia radians*, Benth.  
- 600 *Corydalis aurea*, Willd., var. *occidentalis*, Gray.  
1 *Oenothera triloba*, Nutt.  
2 *Actinella odorata*, Gray.  
3 *Evolvulus sericeus*, Torr.  
! 4 *Marsilia mollis*, Rob. & Fern. n. sp.



- 605 *Astragalus Bigelovii*, Gray.  
 6 *Oenothera albicaulis*, Nutt.  
 7 *Malacothrix Fendleri*, Gray.  
 8 *Verbena Xutha*, Lehmann.  
 - 9 *Pectis longipes*, Gray.  
 10 *Ceratophyllum demersum*, L.  
 1 *Eleocharis* - to young  
 ✓ 2 *Krynitzkia crassisejala*, Gray.  
 3 *Minulus luteus*, L.  
 4 *Agalla Caroliniana*, Willd.  
 ✓ 5 *Lesquerella Gordonii*, Watson.  
 6 *Fallugia paradoxa*, Torr.  
 7 *Bulandiera lyrata*, Benth.  
 ✓ 8 *Rumex hymenosepalus*, Torr.  
 ✓ 9 *Myosurus Pringlei*, Hutch.  
 ✓ 20 *Carex occidentalis*, Bailey.  
 - 1 *Eriogon flavellais*, Gray.  
 2 *Astragalus Arizonicus*, Gray.  
 - 3 *Senecio Neo-Mexicanus*, Gray.  
 4 *Linaria Canadensis*, Dumont  
 5 *Salix <sup>taxifolia</sup> taraxacoides*, HBK.  
 6 *Phlox nana*, Nutt.  
 7 *Carpochaete Bigelovii*, Gray.  
 - 8 *Ceanothus luxifolius*, Willd.  
 9 *Thelypodium auriculatum*, Wats.  
 3 0 *Astragalus nothofus*, Gray?  
 1 *Castilleja sessiliflora*, Pursh.  
 2 *Plantago Virginica*, L.

- 633 *Juncus oblongifolia*, Torr.  
 4 *Dalea polycephala*, Bth.  
 5 *Veronica peregrina*, L.  
 6 *Lupinus Leonensis*, Wats.  
 7 *Cerastium brachypodum*, Robinson <sup>drum</sup>  
 8 *Potentilla subviscosa*, Greene.  
 9 *Asaetes rigida*, Bth., var. *mollis*, Gray.  
 40  
 1 *Townsendia Wilcoxiana*, Wood.  
 2 *Ephedra trifurca*, Torr.  
 3 *Nana hispidum*, Gray.  
 4 *Sisymbrium canescens*, Nutt., var.  
 5 *Astragalus triflorus*, Gray.  
 6 *Phacelia caerulea*, Greene.  
 7 *Lepidium intermedium*, Gray.  
 8 *Lepidium intermedium*, Gray.  
 7 *Sisymbrium Cuningianum*, F. M.  
 50 *Specularia perfoliata*, A. DC.  
 1 *Phacelia Neo-Mexicana*, Thurber.  
 2 *Oenothera rosea*, Ait.  
 3 *Stephanomeria Thurberi*, Gray.  
 4 *Eriogonum Abertianum*, Torr.  
 5 *Sisymbrium scabrum*, Cham. & Schlecht.  
 6 *Thesperma gracile*, Gray.  
 7 *Castilleja sessiliflora*, Pursh.  
 8 *Heliotropium Curassavicum*, L.  
 9 *Paspalum distichum*, L.  
 60 *Epilobium Bourplaudianum*, Kth. ?

- 661 *Polygonum mansuetianum*, Desf.  
 2 *Jussiaea repens*, L.  
 3 *Asclepias Mexicana*, Cav.  
 4 *Thelictus pauciflora*, Desf.  
 5 *Erythraea calycosa*, Buckl., var.  
 6 *Ranunculus stolonifer*, Hensl.  
 7 *Asclepias nummularia*, Torr.  
 8 *Pentstemon acuminatus*, Dougl.  
 9 *Euphorbia campestris*, Cham. & Schl., var. *esulaeformis*, Boiss.  
 70 *Saileya multiradiata*, Gray, var. *mediculis*, Gray.  
 1 *Pentstemon juniceus*, Gray.  
 2 *Cnicus Neo-Mexicanus*, Gray.  
 3 *Argemone platyceras*, Link & Otto.  
 4 *Aster eucalyptifolius*, Roth.  
 5 *Oenothera Wrightii*, Gray.  
 6 *Sonchus oleraceus*, L.  
 7 *Ungnadia speciosa*, Eudl.  
 8 *Astragalus Yaguianus*, Wats.  
 9 *Cariopholis Mexicana*, Gray.  
 80 *Ranunculus circinatus*, Sibth.  
 1 *Hieracium sanguinea*, Eichel.  
 2 *Gilia floribunda*, Gray.  
 3 *Erigeron diversus*, Torr. & G., var. *cineus*, Gray.  
 4 *Silene antirrhina*, L.  
 5 *Specularia perfoliata*, A. DC.  
 6 *Phacelia rupicola*, Rob. & Fern. n. sp.  
 7 *Carex involuta*, Rob. & Fern. n. sp. incl  
 8 *Lathyrus polymorphus*, Nutt.



- 689 *Nothoscordium striatum*, Kunth.
- 90 *Senecio Tolucanus*, DC., var. *modestus*, Sch. Bip.
- 1 *Populus Fremonti*, Wats., var.? *Wislizeni*, Wats.?
- 2 *Granium incisum*, Nutt.
- 3 *Sisyrinchium bellum*, Wats.
- 4 *Ranunculus Arizonicus*, Lemmon, var. *subaffinis*, Gray  
(*caeruleus glaberrimus*)
- 5 *Pentstemon campaulatus*, Willd.
- 6 *Rubus Nutkanus*, Moe. & Sessi
- 7 *Aster lepidopodus*, Rob. & Fern. n.sp.
- 8 *Hieracium Fendleri*, Sch. Bip.
- 9 *Gilia floribunda*, Gray.
- 700 *Geum triflorum*, Pursh.
- 1 *Archeia sanguinea*, Engelm.
- 2 *Aster canescens*, Pursh.
- 3 *Aphyllon fasciculatum*, Gray.
- 4 *Lactuca Ludoviciana*, DC.
- 5 *Houstonia Michxii* Gray
- 6 *Spiranthes ramentacea*, Lindl. ex char.
- 7 *Pedicularis Canadensis*, L.
- 8 *Cornus stolonifera*, Michx.
- 9 *Cardamine hirsuta*, L.
- 10 *Spiranthes velata*, Rob. & Fern. n.sp.
- 1 *Habenaria Thurberi*, Gray.
- 2 *Ceanothus Hartwegii*, Benth.
- 3 *Juncus scassifolia*, HBK. ex char.
- 4 *Lithospermum Cobrense*, Greene.
- 5 *Pentstemon barbatus*, Nutt., var. *Torreyi*, Gray.
- 6 *Populus angustifolia*, James.



- 717 *Erythraea calycosa*, Buekl.  
 8 *Maurandia Wislizeni*, Engelm.  
 - 9 *Rhamnus Purshiana*, DC. (petioles short)  
 20 *Pinacappus roseus*, Less.  
 1 *Asclepias tuberosa* L.  
 2 *Dalca scoparia*, Gray.  
 3 *Atriplex acanthocarpa*, Wats. var.  
 4 *Aucosia tomentosa*, Torr. (narrow leaved form)  
 5 *Aquilegia chrysantha*, Gray.  
 6 *Riddelia tagetina*, Nutt.  
 7 *Cladanthus lanuginosus*? Nutt.  
 8 *Jalium aurantiacum*, Engelm.  
 9 *Erioforum Wrightii*, Torr.  
 30 *Moraida punctata* L.  
 1 *Erioforum annuum*, Nutt.  
 2 *Mimosa dysocarpa*, Bth.  
 - 3 *Adolphia infesta*, Neeson.  
 4 *Zephyranthes aurea*, Wats.  
 5 *Gonolobus Chihuahuensis*, Gray.  
 - 6 *Valeriana sorbifolia*, HBK.  
 7 *Tigridia Pringlei*, Wats.  
 8 *Salvia Lemmonii*, Gray.  
 9 *Lopezia gracilis*, Wats.  
 40 *Oocniodium Thurberi*, Gray.  
 1 *Lepachys Mexicana*, Wats.  
 2 *Linum perenne*, L.  
 3 *Oxybaphus Myrtagineus*, var. *oblongifolius*, Gray.  
 4 *Salvia lanceolata*, Willd. (slender form).

- ✓ 745 *Silene Pringlei*, Wats.  
 ✓ 6 *Delphinium scopulorum*, Gray.  
 ✓ 7 *Sabazia microglossa*, DC., var. *pubescens*, DC.  
 ✓ 8 *Urtica Breweri*, Watson.  
 9 *Salvia filiaefolia*, Vahl.  
 ✓ 50 *Thalictrum Fendleri*, Engelm., var. *Wrightii*, Gray.  
 1 *Thalictrum Hernandezii*, Fausch.?  
 2 *Eupatorium Rothrockii*, Gray.  
 ✓ 3 *Saxifraga reflexa*, Hook.  
 4 *Muhlenbergia* sp?  
 5 *Datura quercifolia*, HBK.  
 6 *Cevallia sinuata*, Lag.  
 ✓ 7 *Senecio Douglasii*, DC.  
 8 *Gutierrezia Euthamiae*, Torr. & Gray.  
 9 *Bigelovia Wrightii*, Gray.  
 ✓ 60 *Eriogonum virgatum*, Benth.  
 1 *Mirabilis jalapa*, L.  
 2 *Euphorbia campestris*, Cham. & Schlecht.  
 3 *Tradescantia Disquega*, Kunth.  
 ✓ 4 *Euphorbia Plummerae*, Wats.  
 ✓ 5 *Xanthocephalum Wrightii*, Gray.  
 ✓ 6 *Hymenothrix Palmeri*, Gray.  
 ✓ 7 *Gerardia Wrightii*, Gray.  
 ✓ 8 *Bouvardia triphylla*, Salisb.  
 ✓ 9 *Anthericum Touzeyi*, Baker.  
 ✓ 70 *Sicyos minimus*, Wats.  
 1 *Talinum pauciflorum*, Nutt.  
 2 *Thalictrum pinnatum*, Watson.

- ! 77 3 *Sicyas collinus*, Rob. & Fern. n. sp.  
 4 *Begonia gracilis*, HBK., var. *Maiana*, A.D.C.  
 5 *Bickellia Lemmonii*, Gray.  
 6 *Salvia subincisa*, Benth.  
 7 *Gymnoloma multiflora*, B. & H.  
 8 *Atrinisia dracunculoides*, Pursh.  
 9 *Dalea filiformis*, Gray.  
 80 *Eriogonum atrorubens*, Engelm.  
 1 *Centaurea Americana*, Nutt.  
 - 2 *Bickellia Rusbyi*, Gray.  
 ! 3 *Palygala Chihuahuensis*, Rob. & Fern. n. sp.  
 - 4 *Silene Thurberi*, Watson.  
 5 *Geranium* ~~*Mexicanum*, HBK.~~ <sup>*Mexicanum*, Watson.</sup>  
 6 *Prinosciadium Madreuse*, Wats.  
 7 *Bickellia simplex*, Gray.  
 - 8 *Thalictrum Fendleri*, Engelm. var. *Wrightii*, Gray.  
 9 *Aegopogon gracilis*, Vasey.  
 - 90 *Panicum bulbosum*, HBK.  
 1 *Geranium caespitosum*, James.  
 2 *Linum multicaule*, Hook.  
 3 *Muhlenbergia Beulaudicii*, Trin.?  
 - 4 *Cosmos parviflorus*, HBK.  
 - 5 *Stevia salicifolia*, Cav.  
 6 *Gaura suffulta*, Engelm.  
 7 *Sisymbrium* ~~*virgatum*~~ <sup>*virgatum*</sup> *Schaffneri*, Wats.  
 8 *Crucica subalata*, Gray.  
 9 *Erysimum asperum*, DC.  
 800 *Thelypodium linearifolium*, Wats.



- ✓ 801 *Euphorbia dentata*, Mx., var. *lasiocarpa*, Boiss.  
 2 *Promus ciliatus*, L.  
 3 *Epicaupes rigidus*, Benth.  
 4 *Thelypodium micranthum*, Wats.  
 ✓ 5 *Agropyrum divergens*, Nees.  
 6 *Croton corymbulosus*, Engelm.  
 7 *Riddellia tagetica*, Nutt.  
 8 *Cheuspodium album*, L.  
 9 *Parthenium incanum*, HBK.  
 810 Fungus on *Asclepias brachystephana*, Engelm.  
 1 *Maximowiczia Lindheimeri*, Cogn., var. *tenuisecta*, Cogn.  
 2 *Encelia ablonga*, Rob. & Fern. n. sp.  
 3 *Frauseria niva*, Rob. & Fern. n. sp.  
 4 *Panicum leucophaeum*, HBK.  
 5 *Cenchrus tribuloides*, L.  
 6 *Asclepias longicornis*, Benth.  
 7 *Pectis angustifolia*, Torr.  
 8 *Sisymbrium caesceus*, Nutt.  
 9 *Promus Caroliniana*, Ait.

615 species



A. Dugès, July 9, 1894.

472. "Capitaneja" Veichesia sphaerocephala, Gr.  
 303. Sama villosa, Ton.  
 "Anacahuitz" Ehretia elliptica, DC.  
 H. Fév. "Jmillo" Senecio salignus, DC.  
 H. Ms. Hyptis albida, HBK.

July 14.

Mrs. D. H. Sheldon. Plants from various  
 parts of Central Mexico,

1. Aspidium patens, Swz.
2. Cheilanthes microphylla, Swz.
3. Gymnogramme pilosa, Moq.
- 4.
5. Gymnospermia corymbosum, Gray.
6. Eccinide lobata, Gray.
7. Stachys Drummondii, Bth.
8. Antigonon cinerascens, Mart. & Gal.
9. Sabal Mexicana, Mart.
10. Vitex mollis, HBK.
11. Bysonima cotinifolia, HBK.
12. Combretum farinosum, HBK.
- 13.
14. Sebania longifolia, DC. exchar.
15. Leucaena pulverulenta, Bth.
16. Cassia occidentalis, L.
17. Crotalaria eriocarpa, Bth.

18. *Senecio salignus*, DC.  
 19. *Loranthus calyculatus*, DC.  
 20. ● ~~*Pithecolobium aureum*, Bth.~~  
    ~~*Mimosa lucida*, Bth.~~  
 21. *Cevallia sinuata*, Lag.  
 22. *Samelia patrus*, Jacq.  
 23. *Malva viscus arboreus*, Cav.  
 24. *Echinopterys lappula*, Juss.  
 25. *Bidens odorata*, Cav.  
 26. *Fithonia tubaeformis*, Cass.  
 27. Lauraceae?  
 28. *Hypochaeris pentachæta*, DC.  
 29.  
 30. *Acacia Farnesiana*, Willd.  
 31. *Prasopis juliflora*, DC.

51. *Parthenium lyratum*, Gray.  
 ! 52. *Pithecoctenium cinereum*, DC. ex char.  
 53. *Sphaeralcea Fendleri*, Gray.  
 54. *Eupatorium monanthum*, Sch. Bip.  
 55. *Euphorbia adenoptera*, Pitol.  
    " *albomarginata*, J.G.  
 56. *Lopezia hirsuta*, Jacq.  
 57. *Vitex mollis*.

Without numbers -

*Jasminum grandiflorum* L.

*Rosa*

*Melia azadiract*, L.

*Eupatorium monanthum*, Sch. Bip.

- Crusea brachyphylla*, Ch. & Schl.  
*Chrysanthemum Parthenium*, Pers.  
*Iresine interrupta*, Bth.  
*Verbena Aubletia*,  
*Muhlenbergia grandis*, Jasey  
*Sporaea puncticulata*, Bth.  
*Gymnosperma corymbosum*, Hay.  
*Lantana velutina*, M+B.  
*Plumbago scandens*.  
*Bougainvillea spectabilis*, Juss.  
*Lantana horrida*, HBK.  
*Calca nitescens*, DC.  
*Eupatorium Bigelovii*, Hay.  
     "    *Schaffneri*, Sch. Bip.  
     "    *quadrangulum*, DC.  
*Citrus aurantiacum*, L.  
*Tillandsia viridiflora*, Baker. ?  
*Polypodium incanum*, L.

L.B. Parish.

Oct. 18, 1894.

2990. *Populus angustifolia*, James  
 3228. *Stephanomeria myrioclada*, Eaton  
 3064. *Silene platyota*, Nats. = 1799.  
 3014. *Viola canina*, var. *adunca*, Gray.  
 3116. *Mimulus Fremonti*, Gray = 116.  
 3222. *Godetia Tenella*, Nats.  
 3311. *Lupinus Grayi*, Nats.  
 3398. *Viola canina*, var. *adunca*, Gray.  
 3411. *Delphinium Lespeyrii*, Gray  
 3310. probably *Trifolium Rusbyi*, Greene.  
 3392. *Mimulus Fremonti*, Gray.  
 3351. *Shepherdia caupestris*, Nats.  
 3249. *Limnocella aquatica*, L., var. *tennifolia*, Hoffm.  
 3247. *Keymizelia Californica*, Gray.



Oct. 23, - Nov. 10, 1874.

Peary Auxiliary Expedition - 1894

1. *Epilobium angustifolium*, L.
2. *Festuca ovina*, L., var. *brevifolia*, Nats.
3. *Trisetum subspicatum*, Beauv., var. *molle*, Gray.
4. *Calamagrostis phragmitoides*, Hartm.
5. *Hierochloa alpina*, R. & S.
6. *Eriophorum Schenckii*, Hoppe.
7. ~~*Betula nana*, L.~~ *Eupetrum nigrum*, L.
8. *Betula nana*, L.
9. *Polygonum viviparum*, L.
10. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
11. *Tharaxacum officinale*, Weber.
12. *Sibbaldia procumbens*, L.
13. *Raphanus Raphanistrum*, L.
14. *Stellaria media*, Cyrillo.
15. *Papaver nudicaule*, L., var. *arcticum*, Elkan.
16. *Dryas incana*, L., var. *confusa*, Poir.
17. *Dryas octapetala*, L., var. *integifolia*, Ch. & S.
18. *Potentilla nivalis*, L.
19. *Oxyria digyna*, Hill.
20. *Antennaria alpina*, Gaertn.
21. *Cassiope tetragona*, Don.
22. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
23. *Vaccinium uliginosum*, L., var. *mucronatum*, Heide.
24. *Saxifraga truncupidata*, Retz.
25. *Epilobium latifolium*, L.
26. *Polygonum viviparum*, L.

27. *Diapensia Laponica*, L.
28. *Carex rigida*, Gooden., var. *Goodenovii*, Bailey.
29. *Eriophorum Scheuchzeri*, Hoppe.
30. *Hierochloa alpina*, R. & S.
31. *Cystopteris fragilis*, Bernh.
32. *Aspidium spinulosum*, Brz., var. *dilitatum*, Hook.
33. *Stellaria longipes*, Goldie, var. *Edwardii*, Wats.
34. *Silene acaulis*, L.
35. *Lycopus triflorus*, R. Br.
36. *Cystopteris fragilis*, Bernh.
37. *Aspidium fragrans*, Swartz.
38. *Hierochloa alpina*, R. & S.
39. *Empetrum nigrum*, L.
40. *Saxifraga tricuspidata*, Retz.
41. *Cassiope tetragona*, Don.
42. *Cyrtia rotundifolia*, L., var. *junilla*, Hook.
43. *Potentilla frigida*, Vill.
44. *Papaver nudicaule*, L., var. *aeticum*, Elkan.
45. *Lycopus triflorus*, R. Br.
46. *Cerastium alpinum*, L.
47. *Stellaria humifusa*, Roth.
48. *Alopecurus alpinus*, Sm.
49. " "
50. *Lycopodium Selago*, L.
51. *Carex scirpoides*, Michx.
52. *Equisetum arvense*, L.
53. *Empetrum nigrum*, L.
54. *Betula nana*, L.

55. *Bartsia alpina*, L.  
 56. *Pedicularis hirsuta*, L.  
 57. " *Laugsdorffii*, Fisch., var. *lanata*, Gray.  
 58. " *flammea*, L.  
 59. *Mertensia maritima*, Don.  
 60. *Diapensia Laponica*, L.  
 61. *Vaccinium uliginosum*, L., var. *mucronatum*, Hudson  
 62. *Cassiope tetragona*, Don.  
 63. *Pyrola rotundifolia*, L., var. *pusilla*, Hook.  
 64. *Rhododendron Laponicum*, Wahl.  
 65. *Armeria vulgaris*, Willd.  
 66. *Saxifraga tricuspidata*, Retz.  
 67. " *caespitosa*, L.  
 68. " *oppositifolia*, L.  
 69. *Dryas octopetala*, L., var. *integrifolia*, C. & S.  
 70. *Potentilla niva*, L. (*P. Vahliaua*, Lehmann.)  
 71. *Silene acaulis*, L.  
 72. *Arenaria peplodes*, L.  
 73. *Papaver nudicaule*, L., var. *arcticum*, Elkan.  
 74. *Cerastium alpinum*, L.  
 75. *Pedicularis Laugsdorffii*, Fisch., var. *lanata*, Gray.  
 76. *Cerastium alpinum*, L.  
 77. *Anabis alpina*, L.  
 78. *Ranunculus nivalis*, L.  
 79. *Saxifraga caespitosa*, L.  
 80. " *oppositifolia*, L.  
 81. *Dryas octopetala*, L., var. *integrifolia*, C. & S.  
 82. *Potentilla niva*, L. (*P. Vahliaua*, Lehmann.)



83. *Silene acaulis* L.
84. *Papaver nudicaule*, L., var. *aeticum*, Elkan.
85. *Anemone alpina*, Olin.
86. *Pyrola rotundifolia*, L., var. *humilis*, Hook.
87. *Cassiope tetragona*, Don.
88. *Rhododendron Laponicum*, Wall.
89. *Vaccinium uliginosum*, L., var. *mucronatum*, Hedr.
90. *Bryanthus taxifolius*, Gray.
91. *Pedicularis Lueddloffii*, Fisch., var. *lanata*, Gray.
92. " *hirsuta* L.
93. " *Laponica*, L.
94. *Cyrtia digna*, Hill.
95. *Polygonum viviparum*, L.
96. *Deschampsia alpina*, R. & S.
97. *Cystopteris fragilis*, Bechst.
98. *Cerastium alpinum*, L.
99. *Saxifraga oppositifolia*, L.
100. *Potentilla nivea*, L. (*P. Vahleana*, Lehmann)
101. *Phippisia algida*, R. Br.
102. *Cerastium alpinum*, L.
103. *Luzula acuminata*, Meyer.
104. *Carex nardina*, Fries.
105. *Cyrtia digna*, Hill.
106. *Cassiope tetragona*, Don.
107. *Silene acaulis*, L.
108. *Papaver nudicaule*, var. *aeticum*, Elkan.
109. *Dryas octopetala*, L., var. *integrifolia*, C. & S.
110. *Saxifraga oppositifolia*, L.



111. *Deschampsia brevifolia*, R. Br.  
 112. *Poa cuneata*, All.  
 113. *Actagrostis latifolium*, Ledeb.  
 114. *Carex rigida*, Good., var. *Goodenovii*, Bailey  
 115. " *misandra*, R. Br.  
 116. *Eriophorum polystachyon*, L.  
 117. " *Scheuchzeri*, Hoppe.  
 118. *Tofieldia palustris*, Huds.  
 119. *Cyria digyna*, Hill.  
 120. *Polygonum viviparum*, L.  
 121. *Vaccinium uliginosum*, L., var. *mucronatum*, Heider.  
 122. *Armeria vulgaris*, Willd.  
 123. *Cassiope tetragona*, Don.  
 124. *Saxifraga cernua*, L.  
 125. *Mentha fontana*, L.  
 126. *Saxifraga oppositifolia*, L.  
 127. *Epilobium latifolium*, L.  
 128. *Dryas octopetala*, L., var. *integrifolia*, C. & S.  
 129. *Silene acaulis*, L.  
 130. *Papaver nudicaule*, var. *arcticum*, Elkan.  
 131. *Lychnis apetala*, L.  
 132. *Cerastium alpinum*, L.  
 133. *Stellaria longipes*, Goldie ?  
 134. *Lychnis apetala*, L.  
 135. *Cerastium alpinum*, L.  
 136. *Carex rigida*, Good., var. *Goodenovii*, Bailey  
 137. *Eriophorum polystachyon*, L.  
 138. " *Scheuchzeri*, Hoppe

139. *Luzula acenuata*, L.  
 140. *Oxyria digyna*, Hill.  
 141. *Arnica alpina*, Olin.  
 142. *Vaccinium uliginosum*, L., var. *mucronatum*, Heider.  
 143. *Armeria vulgaris*, L.  
 144. *Potentilla emarginata*, Pursh.  
 145. *Papaver nudicaule*, var. *aetivum*. Elkan.  
 146. *Epilobium latifolium*, L.  
 147. *Silene acaulis*, L.  
 148. *Saxifraga oppositifolia*, L.  
 149. *Dryas octopetala*, L., var. *integifolia*, C. & S.  
 150. *Cerastium alpinum*, L.  
 151. " "  
 152. *Ranunculus pygmaeus*, Wahl.  
 153. *Alopecurus alpinus*, Sm.  
 154. *Saxifraga oppositifolia* L.  
 155. " *cermua*. L.  
 156. *Papaver nudicaule*, var. *aetivum*. Elkan.  
 157. *Cerastium alpinum*, L.  
 158. " "  
 159. *Lychnis apetala*. L.  
 160. *Potentilla emarginata*, Pursh.  
 161. *Saxifraga nivalis*, L.  
 162. *Ranunculus* " L.  
 163. *Papaver nudicaule*, var. *aetivum*. Elkan.  
 164. *Saxifraga cermua*. L.  
 165. " *oppositifolia*. L.  
 166. *Dryas octopetala*, var. *integifolia*. C. & S.

167. *Pedicularis hirsuta*, L.  
 168. *Cassiope tetragona*, Don.  
 169. *Oxyria digyna*, Hill.  
 170. *Luzula acunata*, Meyer.  
 171. *Alopecurus alpinus*, L.  
 172. *Hierochloa alpina*, R. & S.  
 173. *Poa alpina*, L.  
 174. *Patentilla nivalis*, L.  
 175. *Taraxacum officinale*, Weber, var. *lividum* Koch.  
 176. *Armenia vulpina*, K.  
 177. *Oxyria digyna*, Hill.  
 178. *Alopecurus alpinus*, L.  
 179. *Poa abbreviata*, R. & S.  
 180. *Lychnis triflora*, R. & S.  
 181. *Cerastium alpinum*, L.  
 182. *Stellaria longipes*, Goldie, var. *Edwardii*, J. & G.  
 183. *Lychnis triflora*, R. & S.  
 184. *Saxifraga cernua*, L.  
 185. " *tricuspidata*, Rottb.  
 186. *Stellaria longipes*, Goldie, var. *Edwardii*, J. & G.  
 187. *Ranunculus nivalis*, L.  
 188. *Oxyria digyna*, Hill.  
 189.  
 190.  
 191.  
 192.  
 193.  
 194.





## Henderson's Idaho Plants. Jan 95

- 2729 *Trifolium plumosum*, Dougl.  
 30 " *involutum*, Willd.  
 31 *Lupinus lasiflorus*, Dougl. (lvs. glabrous above)  
 32 " " "  
 33 " *rotundifolius*, Dougl.  
 34 " *sulphureus*, Dougl.  
 35 " *argenteus*, Pursh.  
 36 " " "  
 37 " *leucophyllus*, Dougl.  
 38 *Lathyrus pauciflorus*, Fernald.  
 39 " *nevadensis*, Watson.  
 40 " *bijugatus*, var. *Sandbergii*, Muhl.  
 41. *Astragalus Beckwithii*, F. & B.  
 42. " *Martoni*, Nutt.  
 43. " *collinus*, Dougl.  
 44. " *revolutus*, Gray.  
 45. *Scutellaria angustifolia*, Pursh.  
 46. *Trichostema oblongum*, Benth.  
 47. *Asperochiron pumilus*, Porter.  
 48. *Remophila breviflora*, Gray.  
 49. *Hydrophyllum virginicum*, L.  
 50. *Gentiana Oregona*, Engelm.  
 51. *Frasera albicaulis*, Dougl.  
 52. *Geranium incisum*, Nutt.  
 53. " "  
 54. *Vaccinium caespitosum*, Michx., var. *abruscula*.  
 55. " " var. *cuneifolium*.

- 2756, *Meuziesia glabella*, Gray.  
 57, *Equisetum robustum*, A. Br.  
 58, " " "  
 59, *Alyssum calycinum*, L.  
 60, *Alyx Sisymbrium incisum*, var. *filipes*, Gray.  
 61, *Draba glacialis*, Adams.  
 62, *Limnolia aquatica*, L., var. *tenuifolia*, Hoffm.  
 63, *Sedum Douglasii*, Hook.  
 64, " *divaricatum*, Wats.  
 65, *Cornus stolonifera*, Michx.  
 66, " *Baileyi*, Coulter & Evans.  
 67,  
 68, *Silene Scouleri*, Hook.  
 69, *Arenaria capillaris*, Poir.  
 70, *Phacelia Idahoensis*, Henderson, n. sp.  
 71, *Silene Oregana*, Watson.  
 72, *Troximon grandiflorum*, Gray.  
 73, " *glaucum*, var. *dasycephalum*.  
 74, " *laciniatum*, Gray.  
 75, " *Mutallii*, Gray.  
 76, *Microseris nutans*, Gray.  
 77, " *major*, Gray.  
 78, " *nutans*, Gray.  
 79, *Hieracium vulgatum*, Fries.  
 80, *Prenanthes alata*, Gray, var. *sagittata*, Gray.  
 81, *Cnicus foliosus*, Gray.  
 82, *Senecio lugens*, Richards.  
 83, " " nearly var. *exaltatus*.

2784. *Arnica alpina*, Oliv.  
 85 *Madia sativa*, Mol., var. *racemosa*, Gray  
 86 " " " "  
 87 *Arnica Chamissonis*, Less.  
 88 *Helianthella Douglasii*, T. & G.  
 89 *Solidago serotina*, Ait.  
 90 " *elongata*, Nutt.  
 91 *Grindelia integrifolia*, DC.  
 92 *Eigeron ochroleucus*, Nutt.  
 93 " *concinus*, T. & G.  
 94 " *Coueteri*, Gray.  
 95 *Tetradymia glabrata*, Gray.  
 96 *Zigadenia gabriolens*, Gray.  
 97 *Aster Cubickii*, Gray, var. *Lyalli*, Gray.  
 ! 98 *Aster Hendersonii*, n. sp.  
 99 *Aster Fremonti*, Gray.  
 2800 " "  
 01. " *laevis*, L., var. *Geyeri*, Gray.  
 02 *Aster modestus*, Lindl.  
 03 " *conspicuus*, Lindl.  
 04 " *multiflorus*, Ait.  
 05 *Chrysopsis villosa*, Nutt.  
 06 *Antennaria* { *racemosa*, Hook (male)  
                   *plantaginifolia*, (female)  
 07 *Eigeron uniflorus*, L.  
 08 *Antennaria Cæpatica*, var. *pulcherrima*, Hook.  
 09 *Alnus rhombifolia*, Nutt.  
 10. " *rubra*, Bong.  
 11 *Krynitzkia Joneyana*, Gray.  
 11½ " *ambigua*, Gray.

- 28 12 *Amsinckia intermedia*, F. & M.  
13. *Mertensia paniculata*, Don.  
14 *Callitriche aerna*, L.  
15 *Symphoricarpos racemosus*, Michx.  
16



Prof. A. Dugès Jan. &amp; Feb. 1895.

- 418A. Clarincillo = Senecio Guadalajarensis, Rob.  
 117 Pochotl = Eriodendron aesculifolium, DC. ex chor.  
 232A. Indigofera anil, L.  
 62 Flor de la Calavera = Cypripedium molle, Lindl.  
 496 Alfombra = Verbena Wrightii, Gray.  
 387. Lanourosia rhinanthifolia, HBK.  
 93. Frayle = Thevetia Ycaotli, DC., var. glabra, DC.  
 104A. Gonolobus uniflorus, HBK.  
 458. Aplopappus leptoglossa, DC.  
 426. Cielitas = Agratum corymbosum. Jacq.  
 Auisillo, ou Yerba de Sta. Maria = Sagites lucida, L.  
 Secho' = Salicium uncinatum, DC., var. obstipum  
 "Baucua Guanajuatensis, Alf. Dup." = Colubrina glomerata, Kunth.  
 342 Aematis Pitcheri, T. & G.  
 267. Atlauchán = Cuphea Tolucana, Peyr.  
 383. Dentstemon caupamulatus, Willd.  
 --- Sponoëa discoidesperma, J.D. Smith. ex chor.  
 "Tepijilote" = Setaria caudata, R. & S., var. pauiseta, Vasey.  
 486. Sisote = Bursera Palmeri, Wats.  
 Una de gato = Mimosa monancista, Benth.  
 --- Melampodium sericeum, Lf. ex chor.  
 --- Bahia schkuhrioides, Gray  
 226. Salvia Lindenii, Benth.  
 266A. Phoradendron corymarthron, Eich. ex chor.  
 417A. Papa silvestre = Solanum tuberosum, L.  
 111. Pithecostrum cinereum, DC. ex chor.  
 --- Verbena polystachya, HBK.

228. Pajaros azules = Salvia patens, Cav.  
 Palillo - Croton mouifolius, Willd. var. sphaerocarpus, Willd.  
Urtica urens, L. "Ortiga"  
Ceratophyllum demersum, L.  
 13. Bomarea acutifolia, Benth.  
 ! 70D. Chamaedora Schiedeana, Mart. ex Char.

Aristolochia longipes, Watson.

- ! Dedos = Catylodon Pachyphytum, Baker. ex Char.  
 82. Traehlichia interrupta, Max.  
 345 Ranunculus Haakeri, Schl.  
 308. Lapezia pumila, Bonpl.  
 153 Capulin blanco = Ehretia Mexicana, Nats.  
 338. Polygonum mexicanum, Small.  
 Arbre de Tampico. <sup>Reseda</sup> Lawsonia inermis, L. "Jueblo viejo"



Feb. 1. 1895.

Plants from Mrs. May E. Pulsifer Ames.  
 Auburn, Placer Co., Cal.

1. *Zoo yamp.*
2. *Madia elegans*, Don.
3. *Aster Oreanus*, Nutt.
4. *Conyza Coulteri*, Gray.
5. *Fumula Californica*, Gray.
6. *Castilleja foliolosa*, H. & A.
7. *Baccharis Douglasii*, DC.
8. *Mentha pulegioides*, L.
9. *Lippia nodiflora*, Michx.
10. *Geranium Californicum*, L.
11. *Carex tribuloides*, Nahl.
12. *Eriogonum majus*, Hook.
13. *Psidium*, Nutt.?
14. *Sorghum Halapense*, Pers.
15. *Roubiceva multifida*, Moq.
16. *Artemisia corymbosa*, T. & G.
17. *Linum micranthum*, Gray.
18. *Gilia filicaulis*, Don.
19. *Polygonum Californicum*, Meisn.
20. " " "
21. *Zoo fragmentary*.
22. *Cupressus Garryana*, Gordon.



Feb. 2. 1895.

## O.D. Allen's Washington Plants,

294. *Poa laxa*, Haenke.  
 279. *Melica bromoides*, Gray, var. *Howellii*, Scrib.  
 276. *Fisetum* ~~*ceruana*~~ <sup>*caesecius*, Byckl.</sup>  
 275. *Glyceria pauciflora*, Presl.  
 274. *Festuca ovina*, L., var. *polyphylla*, Vasey.  
 250. *Dentaria geminata*, Nats. med.  
 256. *Cardamine Breweri*, Nats.  
 257. *Cardamine hirsuta*, L.  
 251. *Petasites palmata*, Gray.  
 252. *Viola glabella*, Nutt.  
 254. *Viola sarmentosa*, Dougl.  
 258. *Viola palustris*, L.  
 253. *Tillium ovatum*, Pursh.  
 255. *Mutallia cerasiformis*, Torr. & Gr.  
 262. *Asarum caudatum*, Lindl.  
 265. *Renophila parviflora*, Dougl.  
 264. *Ranunculus occidentalis*, Nutt., var. *Lyalli*, Gray.  
 259. *Dicentra formosa*, DC.  
 263. *Achlys triphylla*, DC.  
 277. *Silene heterophylla*, Hook.  
 273. *Vancouveria hexandra*, Mon. & Dec.  
 268. *Moneses grandiflora*, Salisb.  
 282. *Pyrola rotundifolia*, L., var. *tractata*, Gray.  
 261. *Ribes divaricatum*, Dougl.  
 288. *Ribes laxiflorum*, Pursh.  
 260. *Vaccinium parvifolium*, Smith.

278. *Rosa gymnocarpa*, Nutt.  
 266. *Maianthemum bifolium*, DC., var. *dilatatum*, Wood.  
 271. *Clintonia uniflora*, Kunth.  
 280. *Habenaria leucostachys*, Watson.  
 270. *Habenaria gracilis*, Watson.  
 269. *Lilia gracilis*, Dougl.  
 268. *Rubus nivalis*, Dougl.  
 267. *Rubus ursinus*, Cham. & Schl.  
 263. *Ribes sanguineum*, Pursh, var. *malvaceum*, Gray.  
 249. *Allium cernuum*, Roth.  
 286. *Erythronium grandiflorum*, Pursh, var. *parviflorum*, Wats.  
 285. *Erythronium montanum*, Watson.  
 267. *Oxalis Oregona*, Nutt.  
 272. *Oxalis heliifolia*, Hook.  
 283. *Mitella Brewerii*, Gray.  
 287. *Claytonia lanceolata*, Pursh.  
 284. *Pedicularis racemosa*, Dougl.  
 281. *Pedicularis Grœnlandica*, Retz.  
 300. *Pedicularis bracteosa*, Benth.  
 295. *Pedicularis contorta*, Benth.  
 296. *Pedicularis ornithorhyncha*, Benth.  
 299. *Gentiana calycosa*, Griseb., var. *stricta*, Griseb.  
 292. *Aplopappus Brandegei*, Gray.  
 297. *Veronica Cusickii*, Gray.  
 298. *Kalmia glauca*, Ait., var. *microphylla*, Hook.  
 289. *Ranunculus Luskonfi*, Gray.  
 301. *Anemone occidentalis*, Wats.  
 293. *Saxifraga Tolmiei*, Torr. & Gray.  
 290. *Sprayua multiceps*, Howell.  
 291. *Lupinus Lyallii*, Gray.

## Miscellaneous from Allen

193. *Carex festiva*, Dewey, var. *gracilis*, Olney.  
 194. *Carex invisa*, Bailey  
 195. " " "  
 196. " *rigida*, Good., var. *alpina*.  
 303. *Habenaria Unalascensis*,  
 309. *Rhododendron albiflorum*, Hook.  
 310. *Rubus pedatus*, Smith.  
 311. *Corydalis Scouleri*, Hook.  
 316. *Pyrola chlorantha*  
 312. *Arabis perfoliata*, Lam.  
 313. " *hirsuta*, Scap.  
 314. *Trifolium glaucum*, Nutt., var. *dasycephalum*, F. & S. (*T. pumilum*, Nutt.)  
 105. *Viola glabella*, Nutt.  
 25. *Aster modestus*, Lindl.  
 26. *Lactuca toxicaria*, Gray.  
 20. 3/5. *Rosa pisocarpa*, Gray.  
 65. *Aquilegia humilis*, Jasey.

Norway Plants from Miss Elisabeth Taylor. Feb. 15, 95.

1. *Platanthera bifolia*, Reich.
2. *Valeriana officinalis*, L.
3. *Polygala amara*, L.
4. *Hieracium pilosella*, L., var. *Peleterianum*, Moench.
5. *Pedicularis Lapponica*, L.
6. *Eigeron uniflorus*, L.
7. *Armeria maritima*, Willd.
8. *Anabis alpina*, L.
9. *Silene acaulis*, L. with *Betula alpestris*, Fr.
10. *Saxifraga cernua*, L.
11. " *rivularis*, L.
12. " *oppositifolia*, L.
13. *Lychnis alpina*, L.
14. *Gnaphalium Noruegicum*, Linn.
15. *Veronica alpina*, L.
16. *Luzula arcuata*, Meyr.
17. *Lotus corniculatus*, L.
18. *Partsia alpina*, L.
19. *Viola biflora*, L.
20. *Saussurea alpina*, DC.
21. *Euphrasia officinalis*, L.
22. *Thalictrum alpinum*, L.
23. *Lathraea squamaria*, L.
24. *Rhododendron Lapponicum*, Wahl.
25. *Viola blanda*, Willd., var. *renifolia*, Gray.
26. *Audouinea polifolia*, L.



## Washington Plants from

C. V. Piper.

March 1-13. 1895

1488. *Lathyrus bijugatus*, White.  
 1490. *Lupinus sericeus*,  
 1555. *Myosurus apetalus*, Gray.  
 1589. *Cnicus altissimus*, Willd., var. *filipendulus*, Gray.  
 1628. *Clarkia rhomboides*, Dougl.  
 1657. *Mimulus nephiticus*, Greene.  
 1763. *Carex Geyeri*, Boott.  
 1764. " *filifolia*, Nutt.  
 1780. *Rigiopappus leptocladus*, Gray.  
 1782. *Aster occidentalis*, Nutt.  
 1783. " *laevis*, L.  
 1784. *Crepis occidentalis*.  
 1785. *Solidago serotina*, Ait.  
 1788. *Rubus Piperi*, n. sp. provisional  
 1789. *Cheuropodium hybridum*.  
 1792. *Astragalus collinus*, Dougl.  
 1793. *Dodecatheon Casickii*, Greene.  
 1794. *Draba nemorosa*.  
 1795. *Saxifraga integrifolia*, Hook. *thin leaved*.  
 1796. *Cuscuta tenuiflora*, Engelm.  
 1802. *Potamogeton*  
 1803. *Limnium digynum*, Gray.  
 1807. *Abronia mellifera*, Dougl.  
 1808. *Saxifraga integrifolia*, Hook.  
 1809. *Aphyllon uniflorum*, Gray.  
 1810. *Ribes irriguum*, Dougl.  
 812. *Asabis arcuata*, Gray, var. *subvillosa*, Wats. ined.

817. *Silene Cucubalus*, Wibel.  
 1821. *Eigron strigosus*, approaching *annuus*.  
 1822. *Cnicus foliosus*, Gray.  
 1823. " *undulatus*, Gray, var. *megacephalus*, Gray.  
 1826. *Mimulus Pulsiferæ*, Gray.  
 1828. *Geranium Carolinianum*, L.  
 1832. *Eigron divergens*, Z. & G.  
 1835. *Picea*, *Canadensis* (Spruce). Cones of *Sitchensis*.  
 1836. *Viola palmata*, var. *cucullata*, Gray.  
 1838. *Amsinckia tessellata*, Gray.  
 1840. *Asturtium curvisiliqua*, Nutt.  
 1846. *Mentzelia dispersa*, Wats.  
 1848. *Polygonum Douglasii*, Greene, var. *latifolium*, Greene.  
 1849. *Gilia pusilla*, Benth.  
 1850. *Allium Geyeri*.  
 1851. *Psoralea lanceolata*, Pursh.  
 1854. *Silene nocturna* ~~apflora~~.  
 1856. *Claytonia Sibirica*, L.  
 1858. *Mimulus Pulsiferæ*, Gray.  
 1885. *Arenaria pusilla*, Wats.  
 1887. *Ribes niveum*, Lindl.  
 1900. *Lupinus Wyethii*, Wats. & Torr.  
 1901. " *leucophyllus*, Dougl.  
 1902. " "  
 1903. " *ornatus*, Dougl.  
 1933. *Cnicus edulis*, Gray.  
 1934. *Carex straminea*, var. *micabilis*, Dew.  
 1937. *Cyperus erythrodymus*, Muhl.

1938. *Juncus Bolanderi*, Engelm.  
 1939. " *tenuis*, Willd.  
 1940. *Trifolium ambigua*, Gray.  
 1941. " *Toneyana*, Gray.  
 1942. " " "  
 1943. " " "  
 1944. " " "  
 1945. " " "

March 19, 1895.

From Dr. A. Dugès.

75. *Anisacanthus pumilus*.

"*Cyatopus Mexicana*" = *Pyrus Cydonia*, L.

Agrifolius = *Berberis pinnata*, Lag.

Mexican Plants collected by Frank H. Lamb  
at Mazatlan, Tepic etc., 1894-95.

- > 1. *Cassia biflora*, L.
- > 2. *Acacia Farnesiana*, Willd.
- > 3. *Salvia privoidea*, Benth.
- > 4. *Evolvulus limifolius*, L.
- > 5. *Pectis Bonplandiana*, HBK.
- > 6. *Dalea nigra*, Mart. & Gal.
- > 7. *Sida rhombifolia*, L., var. *microphylla*, Hemsley.
- > 8. *Momordica Charantia*, L.
- > 9. *Salvia privoidea*, Benth.
- > 10. *Phaseolus atropurpureus*, DC.
- > 11. *Lantana horrida*, HBK.
- > 12. *Journefortia Hartwegiana*, Steud.
- > 13. *Elytharia tridentata*, Vahl.
- > 14. *Croton gracilis*, Mill. Arg. ?
- > 15. *Porophyllum nummularium*, DC.
- > 16. *Commelina pal<sup>erecta</sup>*, L.
- > 17. *Zinnia maritima*, HBK.
- > 18. *Pithecolobium dulce*, Benth.
- > 19. *Malthesia detonsa*, Gray.
- 20.
- > 21. *Mimosa Eruendbergii*, Gray.
- > 22. *Eupatorium sagittatum*, Gray.
- > 23. *Dicliptera reu-spinata*, Juss.
- > 24. *Cuscuta umbellata*, HBK. ?
- > 25. *Sponmaea triloba*, L.



- > 26. *Cochlospermum hibiscoides*, Humb. & Bonpl.  
 > 27. *Datura meteloides*, DC.  
 > 28. *Solanum torvum*, Sw.  
 > 29. *Ipomaea triloba*, L.  
 > 30. *Ipomaea purpurea*, Lam.?  
 31.  
 32.  
 > 33. *Caesalpinia Mexicana*, Gray, var. *pubescens*, Rob. & Greene.  
 34.  
 35.  
 > 36. *Cestrum diurnum*, L.  
 > 37. *Caesalpinia pulcherrima*, Swartz.  
 > 38. *Cosmos sulphureus*, Cav.  
 > 39. *Journefortia* <sup>capitata</sup> ~~Hartwegiana~~, Mart. & Gal.  
 > 40. *Trixis frutescens*, P. Browne.  
 > 41. *Myrtus Arayana*, A.P.K.?  
 > 42. *Jacobinia Mexicana*, Seem.  
 > 43. *Salvia albiflora*, Mart. & Gal.  
 44.  
 > 45. *Melampodium divaricatum*, DC.  
 > 46. *Melochia pyramidata*, L.  
 > 47. *Salvia albiflora*, Mart. & Gal., var. *caeculescens*, Gray  
 > 48. *Cassia sericea*, Swartz.  
 > 49. *Antigonon leptopus*, A. & A.  
 > 50. *Euphorbia pilulifera*, L.  
 > 51. *Ipomaea pandurata*, Meyer  
 > 52. *Lantana hirsuta*, Mart. & Gal.  
 > 53. *Melampodium longicornis*, Gray.

- > 54. *Solanum nigrum*, L.  
 > 55. *Solanum torvum*, Fr.  
 > 56. *Caesalpinia bonducella*, Roxb.  
 > 57. *Sponsea Pes-Caprae*, Sweet.  
 > ! 58. *Diodia crassifolia*, Benth. ex chor.  
 > 59. *Crotalaria eriocarpa*, Benth.  
 > 60. *Cassia occidentalis*, L.  
 > 61. *Journefortia Hartwegiana*, Steud.  
 > 62. *Physalis pubescens*, L.  
 > 63. *Richardsonia scabra*, St. Hil.  
 > 64. *Crotalaria incana*, L.  
 > ! 65. *Caesalpinia lacalaco*, Humb. & Bonpl. ex chor.  
 66.  
 67.  
 > 68. *Psoralea nummularium*, DC.  
 > 69. *Dalea alopecuroides*, Willd.  
 70.  
 > 71. *Hyptis polystachya*, HBK.  
 > 72. *Dalea nigra*, Mart. & Gal.  
 > 73. *Baccharis caeculescens*, DC.  
 > 74. *Euphorbia thymifolia*, L.  
 > 75. *Hydrolea spinosa*, L.  
 > ! 76. *Kostyletzkyia stellata*, n. sp.  
 > 77. *Cassia Absus*, L.  
 > 78. *Cleome Potarina*, Rob.  
 > 79. *Pectis arenaria*, Benth.  
 > 80. *Usnea* sp.  
 > 81. *Tillandsia usneoides*, L.

- > 82. *Melampodium cuculatum*, Gray.  
 > 83. *Tillandsia exserta*, n. sp.  
 > 84. *Ipomaea arborescens*, HBK.  
 > 85. *Caesalpinia eriotachys*, Benth.  
 86.  
 > 87. *Cucurbitaria cucurbitaria*, DC.  
 > 88. *Aristolochia Taliscana*, H. & A.  
 > 89. *Blechnum Brownii*, Juss.  
 > 90. *Boerhaavia scandens*, L.  
 > 91. *Joumeifortia capitata*, Mart. & Gal.  
 > 92. *Blechnum Brownii*, Juss.  
 93.  
 > 94. *Perityle microflosa*, Benth.  
 > 95. *Heliotropium parviflorum*, L.  
 > 96. *Sida rhombifolia*, L.  
 > 97. *Salvia albiflora*, Mart. & Gal.  
 > 98. *Antigonon cinerascens*, Mart. & Gal.  
 > 99. *Hiraea macraptera*, DC.  
 > 100. *Viguiera helianthoides*, HBK.  
 > 101. *Malvastrum grandiflorum*, HBK.  
 > 102. *Ipomaea muricata*, Jacq.  
 > 103. *Solanum Grayi*, Rose.  
 > 104. *Ipomaea muricata*, Jacq.  
 > 105. *Ipomaea Mexicana*, Gray.  
 > 106. *Ipomaea triloba*, L.  
 > 107. *Melampodium divaricatum*, DC.  
 > 108. *Argemone Mexicana*, L.  
 109.

- > 110. *Solanum nigrum*, L.  
 > 111. *Coursetia mollis*, Rob. & Greenm.  
 > 112. *Indigofera acil*, L.  
 113.  
 114.  
 > 115. *Plumbago scandens*, L.  
 > 116. *Rhynchosia phascoloides*, DC.  
 117.  
 118.  
 > 119. *Chamissoa altissima*, HBK.  
 > 120. *Vilamilla octandra*, Hook. fil.  
 > 121. *Tricostema Tabacum*, L.  
 > 122. *Calceolaria glabrata*, n.sp.  
 > 123. *Punica Granatum*, L.  
 > 124. *Rhynchosia minima*, DC.  
 > 125. *Maurifera Indica*, L.  
 > 126. *Plumbago Capensis*, Thunb.  
 127.  
 128.  
 > 129. *Psidium Guajava*, L.  
 > 130. *Euphorbia Corallodendron*, L. ?  
 > 131. *Duranta Plumieri*, Jacq.  
 132.  
 133.  
 134.  
 > 135. *Jussiaea repens*, L.  
 > 136. *Jussiaea repens*, L.  
 137.



- > 138. *Phyalis aequata*, Jacq.  
 > 139. *Datura meteloides*, DC.  
 > 140. *Asclepias Curassavica*, L.  
 > 141. *Stemodia pusilla*, Benth.  
 > 142. *Jussiaea octanervis*, Lam.  
 143.  
 > 144. *Stemodia duaritifolia*, Swartz.  
 > 145. *Hydrolea spinosa*, L., var.  
 > 146. *Polygonum punctatum*, Ell.  
 > 147. *Philibertia linearis*, B.H., var. *heterophylla*, Gray.  
 > 148. *Solanum Laubii*, n. sp.  
 > 149. *Nicotiana plumbaginifolia*, Jacq.  
 > 150. *Gossypium herbaceum*, L.  
 > 151. *Anoda acerifolia*, DC. also Coffea arabica, L.  
look out for no. (this may be no. 154)  
 > 152. *Ipomaea bracteata*, Cav.  
 > 153. *Glicicidia Lambii*, n. sp.  
 154.  
 155.  
 > 156. *Tetramerium hispidum*, Nees.  
 157.  
 > 158. *Ipomaea umbellata*, Meyr.  
 > 159. *Bryophyllum calycinum*, Salisb.  
 > 160. *Anoda hastata*, Cav.  
 > 161. *Ipomaea trifida*, Don., var. *Joneziana*, Gray.  
 162.  
 163.  
 > 164. *Aristolochia Taliscana*, H. & A.  
 > 165. *Verbesina diversifolia*, DC.

- > 166. *Vilauilla octandra*, Hook. fil.  
 > 167. *Stegnosperma halimifolia*, Benth  
 168.  
 > 169. *Stemmadenia Palmeri*, Rose.  
 > 170. *Combretum farinosum*, HBK. (flowers), tw. of something else!  
 > 171. *Sejania racemosa*, Schum.  
 > 172. *Galphimia glandulosa*, Cav. ex char.  
 > 173. *Tribulus grandiflorus*, Wats.  
 > 174. *Lantana horrida*, HBK.  
 175.  
 > 176. *Hypoxis albida*, HBK.  
 > 177. ~~*Hypoxis cancellatopila porphylla*, Cav.~~  
~~*Desmodium prophyllum*, Hemsley.~~  
 178.  
 > 179. *Asclepias curassavica*, L.  
 > 180. *Sorghum Italapense*, Pers.  
 > 181. *Russelia saucutosa*, Jacq.  
 > 182. *Jussiaea octonervis*, Lam.  
 > 183. *Plumbago scandens*, L.  
 > 184. *Crotalaria pumila*, Ort.  
 > ! 185. *Laguncula glandulosa*, n. sp.  
 186.  
 > 187. *Commelina pallida*, Clarke.  
 > 188. *Stromodia duaritifolia*, Swartz  
 > 189. *Adiantum tenerum*, Swartz.  
 > 190. *Eupatorium conyzoides*, Vahl.  
 191.  
 > 192. *Nicotiana Tabacum*, L.  
 > 193. ~~*Nicotiana Tabacum*, L.~~  
*Buchnera Mexicana*, Hemsley, var.

194.  
 > 195. *Polypodium tetragonum*, Swartz.  
 > 196. *Aspidium patens*, Swartz.  
 > 197. *Hibiscus Rosa-sinensis*, L.  
 198. *Scoparia dulcis*, L.  
 > 199. *Spermaecce asperifolia*, Mart. & Gal.  
 200.  
 > 201. *Phaseolus speciosus*, HBK.  
 > 202. *Stachys coccinea*, Jacq.  
 > 203. *Ipomaea pedunculata*, Bertol.  
 > 204. *Bignonia* ?  
 > 205. *Samipa echinocarpa*, Gray.  
 > 206. *Journefortia hirsutissima*, L.  
 ! 207. *Hemysa*  
 > 208. *Sida carpinifolia*, L.  
 > 209. *Parkinsonia aculeata*, L.  
 > ! 210. *Hura polyandra*, Baill. ex chor.  
 211.  
 212.  
 > 213. *Mimosa asperata*, L.  
 214.  
 215.  
 > 216. *Melia Azedarach*, L.  
 217.  
 > 218. *Loeselia ciliata*, Don.  
 > 219. *Cassia bicapsularis*, L.  
 > 220. *Solanum callicarpaeifolium*, L.  
 > 221. *Jexuemia ceanothifolia*, Sch. Bip., var. *conferta*



- > 222. *Diphysa racemosa*, Rose.  
 > 223. *Tephrosia multifolia*, Rose.  
 > 224. *Hymenaea courbaril*, L.  
 > 225. *Nyctia stellulata*, Benth.  
 226.  
 > 227. *Eriodendron occidentale*, Fr. & Pl.  
 > 228. *Nyctia polystachya*, HBK.  
 > 229. *Crotalaria incana*, L.  
 > 230. *Berhaavia viscosa*, Lag. & Rodr.  
 > 231. *Passiflora foetida*, L.  
 > 232. *Tribulus grandiflorus*, Nat. S.  
 > 233. *Casimiroa edulis*, Llav. & Lex.  
 > 234. *Panicum leucophaeum*, HBK.  
 > 235. *Carica papaya*, L.  
 > 236. *Tribulus grandiflorus*, Nat. S.  
 237.  
 > 238. *Inga Xalapensis*, Benth.  
 239.  
 > 240. *Sponsea Batatas*, L.  
 > 241. *Gymnolomia platylepis*, Gray.  
 242.  
 > 243. *Buchnera Mexicana*, Heubl., var.  
 > 244. *Tabebuia*?  
 > 245. *Tamarindus Indica*, L.  
 > 246. *Cedrela pubescens*, n. sp.  
 > 247. *Pisonia aculeata*, L.  
 > 248. *Hamelia patens*, Jacq.  
 > 249. *Phaseolus falcatus*, Benth. *lunatus* L.



- > 250. *Verbesina crocata*, Less.  
 > 251. *Triumfetta semitiloba*, L.  
 > 252. *Calopogonium caeruleum*, Desv.  
 > 253. *Piper tuberculatum*, Jacq.  
 > 254. *Trixis frutescens*, P. Browne.  
 > 255. *Melampodium divaricatum*, DC.  
 > 256. *Calca submembranacea*, n. sp.  
 > 257. *Zinnia bicolor*, Hemsley.  
 > 258. *Sporonaea Laubii*, n. sp.  
 > 259. *Ardisia compressa*, HBK.  
 > 260. *Vitex mollis*, HBK.  
 > 261. *Coussategia Kalapensis*, Don.  
 > 262. *Crotalaria longirostrata*, Hook. & Arn. ex char.  
 > 263. *Hibiscus uncinellus*, DC.  
 > 264. *Jaumea pedunculata*, B. & H.  
 > 265. *Sida dumosa*, Swartz.  
 > 266. *Brougniartia glabrata*, Hook. & Arn. ex char.  
 267.  
 > 268. *Euphorbia pulcherrima*, Willd.  
 > 269. *Lagascea suaveolens*, HBK.  
 > 270. *Crotalaria cupleuifolia*, Schl. ex char.  
 > 271. *Tibouchina Schiedeana*, Cogn.  
 > 272. *Cassia hispida*, Nahl.  
 > 273. *Begonia Leraeifolia*, Cham. & Schl.  
 > 274. *Aspidium trifoliatum*, Swz.  
 > 275. *Adiantum tenerum*, Swz.  
 > 276. *Adiantum concinnum*, HBK.  
 > 277. *Tephrosia laevata*, Mart. & Gal. ex char.

- ? 278. *Ipomaea amplexicaulis*, n. sp.  
 > 279. *Quercus Orizabae*, Liebm. ?  
 > 280. *Russelia sarmentosa*, Jacq.  
 > ! 281. *Triumfetta cucullata*, n. sp.  
 > 282. *Guardiola Tulocapus*, Gray. broad leaved form.  
 > 283. *Salix Humboldtiana*, Willd.  
 > 284. *Byrsonima cotinifolia*, HBK.  
 > ! 285. *Mimosa Guatemalensis*, Benth. Ex chor.  
 286.  
 > 287. *Lawsonia inermis*, L.  
 > 288. *Nerium Oleander*, L.  
 > 289. "*Parmentiera edulis*, DC.  
 > 290. *Coriandrum sativum*, L.  
 > 291. *Aloe vera*, L.  
 > 292. *Gymnoparum tartarea*, Desv.  
 > 293. *Blechnum occidentale*, L.  
 > 294. *Aspidium contumminum*, Willd.  
 > 295. *Stachys coccinea*, Jacq.  
 > 296. *Adiantum concinnum*, HBK.  
 > 297. *Laeselia coccinea*, Don.  
 > 298. *Isoloma Jaliscana*, Wats.  
 > 299. *Laeselia ciliata*, Don.  
 > 300. *Cypripedium scaber*, Benth.  
 > 301. *Tibouchina Bourgaeana*, Cogn.  
 > 302. *Laeselia gaudichaudiana*, Don.  
 303.  
 > 304. *Euphea Pringlei*, Watson.  
 > 305. *Labelia latiflora*, HBK.

306. *Adiantum intermedium*, Swartz.  
 307.  
 > 308. *Ipomoea Bonariensis*, L.  
 > 309. *Sejania*  
 > 310. *Castilleja communis*, Benth.  
 ! 311. *Galvisopa* ~~*Laurea*~~ <sup>*aurea*</sup> n. sp.  
 > 312. *Duranta Plumieri*, Jacq.  
 > 313. *Ocotea* sp.  
 314.  
 > 315. *Chamissoa altissima* HBK.  
 > 316. *Sassafridium macrophylla*, Rose.  
 > 317. *Crotalaria pumila*, Ort.  
 > 318. *Desmodium scorpiurus*, Desv.  
 > 319. *Mangifera Indica*, L.  
 > 320. *Heliotropium Indicum*, L.  
 > 321. *Loeselia ciliata*, Don.  
 > 322. *Tetramerium hispidum*, Nees.  
 > 323. *Salvia leptoides*, Nutt. & Gal.  
 > 324. *Melochia pyramidata*, L.  
 > 325. *Nicotiana glauca*, L.  
 > 326. *Phacelus vulgaris*, L.

No. No. "Leconate" = *Parmentiera alata*, Miers.  
*Crescentia alata*, HBK.

May 31, 1895.

From A. Dupis

*Psoralea pentaphylla*, L.

*Stamnea laucolata*, Ton.

No 46. *Cordylus congesta*, Steud.

H. Ms. *Nyctis albida*, HBK.

No. 1. *Barleria micans*, Nees.

"Mars" *Salvia Scleria*, L.

"Yedia Clarin". *Ipomaea Bonu-Nox*, L.

*Micostema alata*, Link & Otto.

452. "Caudelero". *Senecio praecox*, DC.

"Arctos or Zarcillo" *Bauvardia hypoleuca*, Bth.

May 31, 1895.

From A. Davidson, Los Angeles.

*Phacelia Fremonti*, Ton.

*Collinsia Parryi*, T. & G.

*Senecio multilobatus*, Gray.

*Trifolium gracilentum*.



June 1, 1895.

From L. Jaed, Estrella, San Luis Obispo Co. Cal.

1. *Xyris* *oxycauca*, Gray.
2. } *Lilia* *linearis*, var. *subulata*, Gray.
3. } *Convolvulus* *pentapetaloides*, L.
4. } *Rigiopappus* *leptocladus*, Gray.
4. *Lupinus* *micranthus*, Dougl.
- Antirrhinum* *vapens*, Gray.

From a. Dugis.

"Mariola" *Frauseria* *cauphorata*, Greene.

## Florida plants from F. C. Staub.

June 17, 1895.

1. *Chrysopsis Mariana*, Nutt.
2. *Aster squarrosus*, Walt.
3. *Cocopsis aurea*, Ait., var. *subintegra*, Torr. & Gr.
- 4.
5. *Monarda punctata*, L.
- 6.
7. *Nissolia*
8. *Azplenium ebeneum*, Ait.
9. *Limnanthemum trachyspermum*, Gray.
- 10.
11. *Houstonia rotundifolia*, Michx.
12. *Polygala lutea*, L.
13. *Sabbatia stellaris*, Pursh.
14. *Crotalaria ovalis*, Pursh.
- 15.
16. *Lycopodium alopecuroides*, L.
- 17.
- 18.
- 19.
- 20.
21. *Lobelia spicata*, Lam.
- 22.
23. *Viola primulaefolia*, L.
- 24.
- 25.
26. *Sida carpinifolia*, L.

27. *Erigeron nudicaulis*, Michx.  
 28. *Lamium amplexicaule*, L.  
 29.  
 30.  
 31. *Gerardia purpurea*, L.  
 32. *Cuscuta compacta*, Juss.  
 33. *Viburnum nudum*, L.  
 34. *Hamaamelis Virginica*, L.  
 35. *Polypodium incanum*, Swartz.  
 36. *Paspalis angulata*, L., var. *Linckiana*, Gray.  
 37. *Hieracium Gronovii*, L.  
 38.  
 39. *Epiphegus Virginiana*, Bart.  
 40. *Viola palmata*, L.  
 41.  
 42. *Lycopodium cernuum*, L.  
 43. *Polypodium aureum*, L.  
 44.  
 45. *Vittaria lineata*, Swartz.  
 46. *Viola palmata*, L.  
 47. *Utricularia inflata*, Walt.  
 48. *Utricularia biflora*, Lam.  
 49. *Satureia rigida*, Bart.  
 50. *Singueusa elatior*, Nutt.  
 51.  
 52. *Hypoxis juncea*, Smith.  
 53.  
 54.

55. *Plantago Virginica*, L.  
 56. *Pinguicula lutea*, Walt.  
 57. *Viola laucolata*, L.  
 58. *Verbena Aubletia*, L.  
 59.  
 60. *Vaccinium nitidum*, Andr.  
 61. *Prunus Caroliniana*, Ait.  
 62. *Pyrus abatifolia*, L.  
 63.  
 64. *Tradescantia Virginiana*, L.  
 65. *Kigia Virginica*, Willd.  
 66. *Helianthemum corymbosum*, Michx.  
 67.  
 68. *Salvia lyrata*, L.  
 69.  
 70. *Pinguicula porcuia*, Michx.  
 71. *Ascyrum amplexicaule*, Michx.  
 72. *Viola palmata*, L., var. *cucullata*, Gray.  
 73. *Lupinus diffusus*, Nutt.  
 74. *Calopogon pulchellus*, R. Br.  
 75. *Lobelia <sup>Fraxinea, Nutt.</sup> ~~Kuhalla~~*, A. S.  
 76. *Clematis Baldouinii*, Ton. & Gr.  
 77. *Thysanthes refracta*, Benth.  
 78. *Viola palmata*, L.  
 79. *Saptisia laucolata*, Ell.  
 80. *Crotalaria sagittalis*, L.  
 81. *Eurocaulon graphalodes*, Michx.  
 82. *Vaccinium nitidum*, Andr.



83. *Spiranthes gracilis* <sup>praecox, Wats.</sup> Rydb.  
 84. *Geranium Carolinianum*, L.  
 85. *Sisyrinchium anceps*, Cav.  
 86. *Muracium Gronovii*, L.  
 87. *Conradina caulescens*, Gray.  
 88. *Chypalis lanceolata*, Michx.  
 89. *Lepidium Virginicum*, L.  
 90. *Samolus Valerandi*, L. var. *Americanus*, Gray.  
 91. *Polygala mana*, DC.  
 92. *Oenothera sinuata*, L.  
 93. *Heleum wernale*, Walt.  
 94. *Asimina pygmaea*, Donal.  
 95. *Ficus australis*, Michx.  
 96. *Polygala polygama*, Walt.  
 97. *Cocopsis Leavenworthii*, Torr. & Gray.  
 98. *Amiantum angustifolium*, Gray.  
 99. *Berchemia volubilis*, DC.  
 100.  
 101. *Dichrocnema leucocephala*, Michx.  
 102. *Graphalium purpureum*, L.  
 103. *Senecio lobatus*, Pers.  
 104. *Galium trifidum*, L.  
 105. *Osmanthus Americanus*, Benth. & Hook.  
 106. *Helianthemum carymbosum*, Michx.  
 107. *Jatropha stimulosa*, Michx.  
 108. *Tradescantia rosea*, Vent.  
 109. *Cornus canadensis*, Marsh.  
 110. *Andromeda nitida*, Benth.

111. *Andromeda ferruginea*, Walt.  
 112. *Smilax lauceolata*, L.  
 113. *Physalis lauceolata*, Michx.  
 114. *Polygala polygama*, Walt.  
 115. *Gratiola ramosa*, Walt.  
 116.  
 117. *Vicia acutifolia*, Ell.  
 118. *Gaylussacia dumosa*, Torr. & Gray.  
 119. *Loelia paludosa*, Nutt.  
 120. *Ruellia ciliosa*, Pursh, var. *ambigua*, Gray.  
 121. *Paepalanthus flavidulus*, Kunth.  
 122. *Solanum carolinense*, L.  
 123. *Dianthera humilis*, Engelm. & Gray.  
 123. *Ruellia ciliosa*, Pursh, var. *ambigua*, Gray.  
 124. *Buehnera elongata*, Torr.  
 125. *Campanula floridana*, Wats.  
 126. *Scutellaria integrifolia*, L.  
 127. *Spiranthes praecox*, Wats.  
 128. *Itea Virginica*, L.  
 129. *Vaccinium arboreum*, Marsh.  
 130. *Specularia perfoliata*, A. DC.  
 131. *Limnanthus humilis lacunosus*, Griseb.  
 132.  
 133. *Polygala setacea*, Michx.  
 134. *Antededia cordata*, L.  
 135. *Quirina scirpoidea*, Vahl.  
 136. *Carex straminea*, Willd., var. *alata* Bailey  
 137. *Vaccinium stramineum*, L.  
 138. *Vaccinium stramineum*, L.  
*Nepestus Monniera*, HBK.

- 139 *Commelina Virginica*, L.  
 140 *Erigeron Philadelphicus*, L.  
 141 *Salvia coccinea*, L.  
 142 *Hydrocotyle umbellata*, L.  
 143 *Pogonia ophioglossoides*, Nutt.  
 144 *Lantana Canara*, L.  
 145 *Clematis Baldwini*, Torr. & Gr.  
 146 *Euphorbia heterophylla*, L., var. *geminifolia*, Eup.  
 147 " " "  
 148 *Lippia laucolata*, Michx.  
 149 *Polygala Rugelii*, Schult.  
 150. *Physostegia Virginiana*, Deuth., var. *obovata*, Gr.  
 151. *Cnicus Nuttallii*, Gray.  
 152. *Calopogon pulchellus*, R. Br.  
 153. *Asclepias paupercula*, Michx.  
 154 *Vitis Labrusca*, L.  
 155 *Stillingia sylvatica*, L.  
 156 *Aletris aenea*, Walt.  
 157. *Polygala Baldwini*, Nutt.  
 158. *Schrankia uncinata*, Willd.  
 159. *Coreopsis Leavenworthii*, Torr & Gray.  
 160. *Siphonochia Americana*, Torr. & Gray.  
 161. *Galactia Elliottii*, Nutt.  
 162 *Juncus Ræpporionax*, Scheele.  
 163. *Spartina palystachya*, Willd.  
 164. *Calopogon hemistrata*, Nees.  
 165.  
 166. *Amorpha fruticosa*, L.



Sept. 20 - 25, '95.

## Curtis's Plants from Florida Keys.

- 5072B. *Rhynchospora cynosu*, Nutt.  
 5072C. " *distans*, Vahl.  
 5376. *Hydrocotyle verticillata*, Thunb.  
 5377. " " "  
 5398. *Croton glandulosus*, L., var. *maritimus*, Curtis. }  
 + 5430. *Achyranthes aspera*, L., var. *obtusifolia*, Lam. }  
 5441. *Metastelma Blodgettii*, Gray.  
 5443. " *Bahamense*, Griseb.  
 5445. *Sida ciliaris*, L.  
 + 5453. *Tridax procumbens*, L.  
 + 5454. *Spigelia anthelmia*, L.  
 5482. *Phyllanthus Niruri*, L., var. *radicans*, Mull.  
 5486. *Euphorbia adenoptera*, Benth.  
 + 5487. *Metastelma Blodgettii*, Gray.  
 + 5494. *Elytharia virgata*, var. *angustifolia*, n. var.  
 + 5500A. *Talinum triangulare*, Willd.  
 5500B. *Euphorbia Brasiliensis*, Lam.  
 + 5500C. *Trema Lemaekiana*, Plume.  
 5500D. *Pentstemon laevigatus*, Solander.  
 + 5500E. *Ruellia graminiflora*, HBK.  
 5500F. *Euphorbia polyphylla*, Engelm.  
 5500G. *Rhynchospora plumosa*, Ell.  
 5501. *Psychotria undata*, Jacq.  
 5508. *Melochia deltaidea*, Michx.  
 5510. *Cassia graminea*, Spreng.  
 5511. *Euphorbia Garberi*, Engelm.



Sept. 26, 1895.

Palmer's Plants from Acapulco.

- ✓ 1. *Sida salvioefolia*, Presl. ○  
 > 2. *Cordia cana*, Mart. & Gal. ○  
 > 3. *Melampodium longicorne*, Gray. ○  
 4.  
 > 5. *Millecia quinqueflora*, L. ○  
 ✓ 6. *Crotalaria* ~~frumida~~ <sup>Lepricana, HBK. fide Mull.</sup> ○  
 ✓ 7. *Missilia* ..... ○  
 ✓ 8. *Gaudichaudia filipendula*, Juss. ○  
 ✓ 9. *Mimosa pusilla* Benth. ○  
 ✓ 10. *Stylosanthes glutinosa*, HBK. ○  
 > ! 11. *Argemone Manzanilloana*, Rose ex Char. ○  
 ✓ 12. *Schizocarpum alternatum*, Cop. & Rose, n. sp. ○  
 ✓ 13. *Echinopepon Coulteri*, Rose. ○  
 > 14. *Trichichia alata*, Wats. ○  
 > ! 15. *Stemodia pusilla*, Benth. ex Char. ○  
 > ! 16. *Pectis depressa*, n. sp. ○  
 ✓ 17. *Zornia diphylla*, Pers. ○  
 ✓ 18. *Desmodium triflorum*, DC. ○  
 > 19. *Sclerocarpus uniseriatis*, Benth. & Hook. ○  
 > 20. *Dalechampia scandens*, L. ○  
 > 21. *Scapharia dulcis*, L. ○  
 > 22. *Hyptis suaveolens*, Poit. ○  
 ✓ 23. *Cassia* ○  
 ✓ 24. *Ficilia trifoliata*, Jacq. ○  
 ✓ 25. *Stylosanthes humilis*, HBK. ○  
 > 26. *Diodia prostrata*, Swartz. ○

- > 27. *Thevetia peruviana*, Juss. 0  
 28. 0  
 ✓ 29. *Phaseolus semierectus*, L. 0  
 ✓ 30. *Sida aromata*, A. DC. 0  
 ✓ 31. *Cassia* 0  
 > ! 32. *Convolvulus secundiflorus*, n. sp. 0  
 > 33. *Sponsea hedrifolia*, L.  
 > ! 34. *Journefortia calycina*, Benth. Ex char. 0  
 ✓ 35. 0  
 ✓ 36. 0  
 > 37. *Cassia* ~~strophyla~~ <sup>new</sup>, "  
 38. "  
 ✓ 39. *Cassia* ~~strophyla~~ <sup>new</sup>, "  
 ✓ 40. "  
 ✓ 41. 0  
 ✓ 42. 0  
 ✓ 43. 0  
 > ! 44. *Sideroxylon*  
 ✓ 45. 0  
 > 46. *Mayrona ovata*, A. <sup>0</sup>  
 > 47. *Selaginella* ~~strophyla~~ <sup>spicariopensis, Baker, fide Underwood.</sup> 0  
 > ! 48. *Bignonia patellifera*, Schl. Ex char. 0  
 > ! 49. *Ruellia albiflora*, Fern. n. sp. 0  
 ✓ 50. *Abutilon incanum*, Sweet. 0  
 ✓ 51. *Cuscuta gracillima*, Engelm. var. *saccharata*, Engelm. Ex char.  
 > ! 52. *Calceolaria* ~~palmifolia~~ <sup>pacatechichi, Schlecht. var.</sup> *repusa*, Rob. & Gr. <sup>n. var. n. part.</sup>  
 > 53. *Loranthus calyculatus*, DC. 0  
 > ✓ 54. *Dalea laevigata*, Gray. 0

- > 27. *Shertia meruifolia*, Juss. ○  
 28. ○  
 ✓ 29. *Phaseolus semierectus*, L. ○  
 ✓ 30. *Sida anomala*, St. Hil. ○  
 ✓ 31. *Cassia* ○  
 > ! 32. *Convolvulus secundiflorus*, n. sp. ○  
 > 33. *Sponsea hedrifolia*, L. ○  
 > ! 34. *Tournefortia calycina*, Benth. Ex char. ○  
 ✓ 35. *Oplismenus cristatus*, Presl. ○  
 ✓ 36. *Aristida Jauillensis*, Kth. ○  
 > 37. *Fimbristylis miliacea*, Vahl. ○  
 38. *...* ○  
 ✓ 39. *Eragrostis ciliatus*, Link. ○  
 ✓ 40. *Eragrostis plumosa*, Link. ○  
 ✓ 41. *Tournefortia Mexicana*, Scribn. ○  
 ✓ 42. *Opizia Stolouifera*, Presl. ○  
 ✓ 43. *Tournefortia Mexicana*, Scribn. ○  
 > ! 44. *Montanoa Palmeri*, n. sp. ○  
 ✓ 45. *Abutilon giganteum*, Presl. ○  
 > 46. *Acalypha Indica*, L. ○  
 > 47. *Selaginella* <sup>*picaragguensis*, Baker, fide Underwood.</sup> ~~*stomatophylla*, A. Poiret.~~ ○  
 > | 48. *Bignonia patellifera*, Schl. Ex char. ○  
 > ! 49. *Ruellia albiflora*, Fern. n. sp. ○  
 ✓ 50. *Abutilon incanum*, Sweet. ○  
 ✓ 51. *Cuscuta gracillima*, Engelm., var. *saccharata*, Engelm. Ex char. ○  
 > ! 52. *Calceola* ~~*palmifolia*, Standley.~~ *refusa*, Rob. & G. <sup>n. sp.</sup> <sub>in part</sub> ○  
 > 53. *Loranthus calyculatus*, DC. ○  
 > ✓ 54. *Dalea laevigata*, Gray. ○



- ✓ 55. *Dalea* 0  
 > 56. *Herpestis rotundifolia*, Presl. 0  
 ✓ 57. *Myrtus*  
 > 58. *Stimodia durantifolia*, Sw.  
 ✓ 59. *Calliandra laxa*, Benth. 0  
 > 60. *Gymnogramme colomelanos*, Kauff. 0  
 > 61. *Euphorbia thymifolia*, L. 0  
 > 62. *Ficus fasciculata*, Watson. 0  
 ✓ 63. *Triumfetta*  
 > 64. *Hydrolea spinosa*, L. 0  
 > 65. *Dentella repens*, Forst. 0  
 ✓ 66. *Paepplingia proelia*, Presl. 0 (with wood)  
 ✓ 67. *Desmodium spirile*, DC., var. *Bijelovii*, Rob. & Greenm.  
 68. *Mimosa manzanilloana*, Rose. 0  
 ✓ 69. *Bauhinia pescaprae*, Cav. 0  
 > ! 70. *Cordia perlonga*, n. sp. 0  
 > 71. *Achras Sapota*, L. 0  
 > 72. *Terminalia Catappa*, L. 0  
 ✓ 73. *Loucheocarpus* (wood) 0  
 ✓ 74. *Sporobolus Domingensis*, Kth. 0  
 ✓ 75. *Cenchrus multiflorus*,ourn. 0  
 > 76. *Scleria lithosperma*, Willd., var. *filiformis*, Britton 0  
 ✓ 77. *Gouinsea polygama*,ourn. 0  
 ✓ 78. *Desmodium spirile*, DC. 0  
 ✓ 79. *Heteropterys portillana*, Watson? 0  
 ✓ 80. *Jussiaea erecta*, L. 0  
 ✓ 81. *Samyda* 0  
 ✓ 82. *Sida aggregata*, Presl. 0



- ✓ 83. *Pterocarpus acapulcensis*, Rose, n. sp. ○  
 84.  
 ✓ 85. *Annona* = *Rollinia* ○  
 > 86. *Rauwolfia heterophylla*, R. & S. ○  
 ✓ 87. *Cassia occidentalis*, L. ○  
 ✓ 88. *Mimosa Nelsonii*, Robinson n. sp.  
 ✓ 89. *Koeleria hispida*, Presl. ○  
 ✓ 90. *Pithecolobium*  
 ✓ 91. *Tephrosia leptostachya*, DC.  
 > ! 92. *Phyllanthus glaucescens*, HBK. ex char. ○  
 ✓ 93. *Cassia* ○  
 > 94. *Evolvulus alveoides*, L. ○  
 > 95. *Bidens tereticaulis*, DC. ○  
 > ! 96. *Eucleia tenuis*, n. sp. ○  
 > 97. *Euphorbia pilulifera*, L. ○  
 > 98. *Sponsea Juanvelit*, L. ○  
 > 99. *Arliotopium fruticosum*, L. ○  
 > 100. *Commelina palida*, Willd., var. *parviflora*, Clute. ○  
 > 101. *Beloperone violacea*, Hauch. ○  
 ✓ 102. *Aeschynomene ~~Americanus~~*, L. ○  
 103. . . . . ○  
 ✓ 104. *Phaseolus* ○  
 ✓ 105. *Tephrosia leptostachya*, DC. ○  
 ✓ 106. *Aeschynomene* <sup>106<sup>a</sup></sup> *Diphysa cennioides*, HBK. ?  
 ✓ 107. *Melochia*  
 > 108. *Justicia reflexiflora*, Rich.  
 > 109. *Sponsea filipes*, Benth. ○  
 > 110. *Sesamum Indicum*, L. ○

- 111.
- ✓ 112. *Panicum saupuriale*, L., var. *longiglume*, Doell. ○
- ✓ 113. *Bouteloua repens* HBK. ○
- ✓ 114. *Panicum divaricatum*, L. ○
- ✓ 115. *Panicum Compositum*, Sw. ○
- > 116. *Timbristylis miliacea*, Vahl. ○
- > 117. *Cyperus microdontus*, Torr. ○
- > 118. *Cyperus Haspan*, L. ○
- > 119. *Rhynchospora micrantha*, Vahl. ○
- ✓ 120. *Eleusine Indica*, Gaertn. ○
- ✓ 121. *Dactyloctenium Aegyptiacum*, Willd. ○
- ✓ 122. *Caesalpinia pulcherrima*, Swartz. ○
- > 123. *Sponcoa trifida*, Don. ○
- ✓ 124. *Wimmeria pallida*, Radlk. ○
- ✓ 125. *Cassia rotundifolia*, L. & *C. diphylla*, Pers. ○
126. ○
- ✓ 127. *Karwinskia Humboldtiana*, Zucc. ○
- > 128. *Hypoxis stellulata*, Benth. ○
- ✓ 129. *Erythrina* (mod) ○
- ✓ 130. *Cardiasperman* ○
- ✓ 131. *Tribulus maximus*, L. ○
- > 132. *Commelina Virginica*, L. ○
- ✓ 133. *Turnera diffusa*, var. *aphrodisiaca*, Urban. ○
- ✓ 134. *Calliandra emarginata*, Benth. (mod) ○
- ✓ 135. *Galactia acapulcensis*, Rose. n. sp. ○
- ✓ 136. *Helictres mollis*, Presl. ○
- > 137. *Conocarpus erectus*, L. ○
- ✓ 138. *Calliandra bijuga*, Rose. n. sp. ○

139. *Euphorbia* ○  
 ✓ 140. *Crotalaria pumila*, Orl. ? ○  
 > 141. *Sponocia triloba*, L. ○  
 > 142. *Amarantus scariousus*, Benth. ○  
 > 143. *Sponocia cissoides*, Griseb. ○  
 ✓ 144. *Trisis Mexicana*, Lallav. & Ley, ex char. ○  
 ✓ 145. *Cauavalia gladiata*, DC. ○  
 146. *Belasia insignis*, Bail. ? ○  
 > 147. *Solanum callicarpae-folium*, Kth. & Bouché. ○  
 > 148. *Solanum Toruam*, Schw. ○  
 > 149. *Crescentia Cuyte*, L. ○  
 > 150. *Heliotropium Indicum*, L. ○  
 > 151. *Aristolochia brevipes*, Benth. ○  
 > 152. *Eupatorium Stillingiaefolium*, DC. ○  
 ✓ 153. *Pavonia arachnoidea*, Presl. ○  
 > 154. *Gonoclea Grisei*, Rose. ○  
 ✓ 155. *Tephrosia* ○  
 > 156. *Croton nivosus*, Jacq. ○  
 ✓ 157. *Triumfetta*, *Heliolepis pallidus*, Rose, n. sp.   
 (Hort.) ○  
 ✓ 158. *Phaseolus* ○  
 ✓ 159. *Eutada polytachya*, DC. ○  
 ✓ 160. *Gaya Preslii*, Rose. ○  
 ✓ 161. *Melochia radiata*, L. ○  
 > ! 162. *Bubesia pallens*, Benth. ex char. ○ rather *V. acapulcensis*,  
 Rob. & Greene, n. sp.  
 163. ○  
 > 164. *Persea* ? / *longipes*, Meisn. ○  
 > ! 165. *Friday obovata*, Jurez. ex char. ○  
 ✓ 166. *Polygala Americana*, Mill. ○



- > 167. *Lippia Berlandieri*, Schauer. 0  
 ✓ 168. *Polygala Americana*, Mill. 0  
 > 169. *Journefortia hirsutissima*, L. 0  
 ✓ 170. *Myrtila scoparia*, Hook. & Arn. 0  
 > 171. *Stachytarpheta mutabilis*, Vahl. 0  
 > 172. *Isocarpha oppositifolia*, R.Br. 0  
 ✓ 173. *Chrysobalanus icaco*, L. 0  
 > 174. *Aphelandra pectinata*, Willd. 0 (wood)  
 ✓ 175. *Esenbeckia Acapulcensis*, Rose, n. sp. 0  
 ✓ 176. *Eugenia*  
 > 177. *Cordia Grasscauthus*, Jacq. 0  
 ✓ 178. *Brougniartia suberba*, Rose, n. sp. 0 (wood)  
 ✓ 179. *Vigna strobilophora*, Robinson. 0  
 > 180. *Elytharia tridentata*, Vahl. 0  
 > 181. *Barleria micans*, Less. 0  
 > ! 182. *Aspilia strigosa*, Benth. & Hook, ex char. 0  
 ✓ 183. *Cucubita radicans*, A. Naud. 0  
 ✓ 184. *Eucalyptus* 0  
 185.  
 > 186. *Melanopodium divaricatum*, DC. 0  
 > 187. *Euphorbia Schlechtendalii*, Boiss. 0  
 > 188. *Schwenkia Americana*, L. 0  
 ✓ 189. *Asimina foetida*, Rose, n. sp. 0  
 > ! 190. *Acalypha Acapulcensis*, n. sp. 0  
 > 191. *Cosmos sulphureus*, Cav. 0  
 ✓ 192. *Phaseolus* 0  
 ✓ 193. *Melochia pyramidata*, L. 0  
 > 194. *Ruellia albicaulis* Bertens. 0



- > 195. *Boldoa laucelata*, Lag. ○  
 > 196. *Rauwolfia heterophylla*, R & S. (pubescent)  
 > 197. *Plumbago pulchella*, Boiss.  
 > 198. *Angelonia angustifolia*, Benth. ○  
 > 199. *Amarantus spinosus*, L. ○  
 ✓ 200. *Mangifera Indica*, L. ○  
 ✓ 201. *Cassia alata*, L. ○  
 ✓ 202. *Portulaca pilosa*, L.  
 > 203. *Tournefortia floribunda*, HBK. ○  
 ✓ 204. *Caesalpinia pulcherrima*, Swartz. ○  
 > 205. *Bidens refracta*, Praunder. \*  
 > 206. *Coccoloba* . . . . ○  
 ✓ 207. *Dalca* ○  
 > ! 208. *Croton cladotrichus*, Mill. Arg. ex char. (new)  
 > 209. *Dysodia appendiculata*, Lag. ○  
 > 210. *Schultesia stromphylla*, Mart. ○  
 > 211. *Stachytarpheta jamaicensis*, Vahl. ○  
 > ! 212. *Crusea parviflora*, Hook. & Arn. ex char. ○  
 ✓ 213. *Jussiaea octonervia*, Lam.  
 214. ○  
 > ! 215. *Jaquemontia pycnocephala*, Benth. ex char. ○  
 > ! 216. *Solanum lignescens*, n. sp. ○  
 ✓ 217. *Crotolaria vitellina*, Ker. ○  
 ✓ 218. *Waltheria* ○  
 ✓ 219. *Heteropteryx Acapulcensis*, Rose, n. sp. ○ (new)  
 ✓ 220. *Buettneria lathagenensis*, Jacq. ○  
 ✓ 221. *Casaria corymbosa*, HBK.  
 ✓ 222. *Sida physaloides*, Presl. ○

- 223,  
 ✓ 224. *Desmodium*  
 225.  
 ✓ 226. *Lonehocarpus*  
 > 227. *Eupatorium conyzoides*, Vahl. ○  
 ✓ 228. *Gouania stipularis*, DC. ○  
 > 229. *Chenopodium ambrosioides*, L. ○  
 > 230. *Trema mollis*, Blume. ○  
 ✓ 231. *Cassia serpens*, L. ○  
 > 232. *Arpestis sessiliflora*, Benth. ○  
 233,  
 > ! 234. *Sponsea pedatisecta*, Mart. & Gal. ex char. ○  
 ✓ 235. *Jauva filosa*, Scribn. nom. nov. ○  
 > ! 236. *Cordia tinifolia*, Willd., ex char. ○  
 ✓ 237. *Passiflora viridiflora*, Cav. ○  
 > 238. *Evolvulus nummularius*, L. ○  
 ✓ 239. *Ayenia* ○  
 ✓ 240. *Schrankia distachya*, DC. ○  
 ✓ 241. *Prosopis debiscens*, Rose. n. sp. ○  
 > 242. *Eupatorium*.  
 > 243. *Zygodium venustum*, Swz. ○  
 > 244. *Salvia occidentalis*, Swartz. ○  
 # 245. *Licium caducifolium* Rob. & Bartlett, n. sp. (nov).  
 ✓ 246. *Malpighia glabra*, L. ○  
 ✓ 247. *Turnera ulmifolia*, L. ○  
 248.  
 249.  
 ✓ 250. *Inga Kalapensis*, Benth. ○

- ✓ 251. *Indigofera* ○  
 > ! 252. *Ruscia rotundifolia*, Cav. ex char. ○  
 > 253. *Spermacoce asperifolia*, M. & G. ○  
 ✓ 254. *Gymnaudopsis pentaphylla*, DC. ○  
 > 255. *Aurebra scandens*, Max. ○  
 ✓ 256. *Centrosema* ○  
 ✓ 257. " *Plumieri*, Benth. ○  
 258. ○  
 > ! 259. *Echites* (*Palmeri*, n. sp.) ○  
 ✓ 260. *Cassia* ○  
 ✓ 261. *Melochia nodiflora*, L. ○  
 ✓ 262. *Oxalis keaci*, var. *glabrata*, Baker. ○  
 > 263. *Hyptis pectinata*, Poit. ○  
 ✓ 264. *Aeschynomene Americana*, L. ○  
 > 265. *Chiococca racemosa*, L. ○  
 ✓ 266. *Triumfetta* ○  
 ✓ 267. *Cassia* ○  
 > 268. *Lantana hoida*, HBK. ○  
 > 269. *Gomphrena globosa*, L. ~~indid~~ ○  
 > 270. *Gomphrena globosa*, L. ○  
 > 271. *Gomphrena globosa*, L. ○  
 > ! 272. *Mauritia rhomboidea*, Mill. ex char. ○  
 > 273. *Gymnogramme calomelanos*, Kaulf. ○  
 274. *Byrsonima cotinifolia*, HBK. ○  
 ✓ 275. *Sida glutinosa*, Cav. & P. *arguta*, Swartz. ○  
 276. ○  
 ✓ 277. *Haematoxylon boreale*, Watson. ○  
 278. ○



279.  
 280.  
 > 281. *Melanopodium longicornis*, Gray. ○  
 ✓ 282. *Hibiscus esculentus*, L.  
 ✓ 283. *Aeschynomene paniculata*, Willd.  
 ✓ 284. *Asplenium placcan*, Reuth.  
 ✓ 285. *Anthephora elegans* Schreb. ○  
 ✓ 286. *Eragrostis amoena*, Presl. ○  
 ✓ 287. *Panicum brevifolium*, L.  
 ✓ 288. *Panicum insulare*, Meyen. ○  
 ✓ 289. *Panicum paspaloides*, Pers.  
 ✓ 290. *Cenchrus tribuloides*, L. ○  
 > 291. *Cyperus Surinamensis*, Rottb. ○  
 292.  
 > 293. *Eleocharis microcarpa* Tou. ○  
 > 294. " *Libmaniana*, Boeckl. Ex char. ○  
 > 295. *Cyperus ligularis*, L. ○  
 296. *Mimosa acapulcensis*, Robinson, n. sp.  
 ✓ 297. *Acacia feliciana*, Willd. ○  
 ✓ 298. *Melochia plicata*, Presl. & *Acacia plicata*, Presl. ○  
 ✓ 299. *Acacia paniculata*, Willd. ○  
 ✓ 300. *Acacia* ○  
 ✓ 301. *Acacia* ○  
 ✓ 302. *Acacia* ○  
 ✓ 303. *Piptadenia leptocarpa*, Rose. (mod) ○  
 > 304. *Phipalis Fendleri*, Gray. ○  
 ✓ 305. *Acacia cochilacantha*, H. & B. ○  
 ✓ 306. *Passiflora foetida*, L. ○



- ✓ 307. *Passiflora holosericea*, L. °  
 > 308. *Baccharis viscosa*, L. °  
 > 309. " *erecta*, L. °  
 ✓ 310. *Desmodium albiflorum*, Salzm.  
 > ! 311. *Heliconia hirsuta*, L.f. ex char? °  
 > ! 312. *Evolvulus commelinifolius*, n. sp. °  
 > ! 313. *Evolvulus ovatus*, n. sp. °  
 ✓ 314. *Passiflora Mexicana*, Juss.  
 ✓ 315. *Passiflora foetida*, L.  
 ✓ 316. *Serjania trifoliata*, Radlk. °  
 ✓ 317. *Serjania* ..... °  
 > 318. *Antigonon flavescens*, Kats. °  
 ✓ 319. *Crotalaria Maypurensis*, HBK. °  
 > 320. *Hyptis lappacea*, Benth. °  
 > 321. *Hyptis capitata*, Jacq. °  
 ✓ 322. *Cracca Edwardsii*, Gray. °  
 323.  
 ✓ 324. *Anona* ..... °  
 ✓ 325. *Cassia grandis*, L.f. ?  
 ✓ 326. *Guaiacum* ..... °  
 > 327. *Solanum Lequileuse*, Gray.  
 ✓ 328. *Hibiscus tiliaceus*, L. ° (wood)  
 329. *Diospyros* fr. °  
 ✓ 330. *Hymenaea Caudolleana*, HBK. °  
 ✓ 331. *Pachyrhizus angulatus*, Rich.  
 332.  
 > 333. *Quercus nectandraefolia*, Liebm. °  
 > 334. *Quercus* ..... °

335. *Crescentia* 317.
- > 336. *Vitex mollis*, HBK. ○
- ? 337. *Loranthus Oerstedii*, D. Oliv. ex char. ○
- 338.
- ? 339. *Jaquimia macrocarpa*, Cav. ex char. ○
- > 340. *Agave vivipara*, L. ○
- > 341. *Cuscuta Americana*, L. ○
- ✓ 342. *Licania arborea*, Secum. ○
- ✓ 343. *Curatella Americana*, L. ○
- ? 344. *Coccoloba Schiedraua*, Lindau, ex char.? ○
- ✓ 345. *Anacardium occidentale*, L. ○
- > 346. *Syngonium podophyllum*, Schott. ○
- ✓ 347. *Enterolobium cyclocarpum*, Griseb. ○
- ? 348. *Gouipa(?) cinerea*, n. sp. ○
- ✓ 349. *Crataeva stipia*, L. ○
- ✓ 350. *Gliricida maculata*, HBK. ○
- > 351. *Aristolochia pardinia*, Duchar. (wood) ○
- ✓ 352. *Cassia grandis*, L. f. ○
- > 353. *Basanantha spinosa*, Schum. ○
- > 354. *Tecoma stans*, Juss. ○ (wood)
- > 355. *Ficus populnea*, Willd. ○
- ✓ 356. *Rigistachys bracteata*, Planch. ○
- ✓ 357. *Eugenia* ○
- ✓ 358. *Myrtus* ○
- ✓ 359. *Myrtus* ○
- ✓ 360. *Passeiflora porphyretica*, Nees. ○
- > 361. *Tabebuia Palmeri*, Rose. ○
362. *Bignonia* ○ (wood)

- ✓ 363. *Bauhinia latifolia*, Cav. ° (wood)  
 ✓ 364. *Vitis Acapulcensis*, HBK. °  
 > 365. *Cordia alba*, Poeu. & Schult. °  
 ✓ 366. *Phaseolus* °  
 > 367. *Bignonia unguis*, L. °  
 ✓ 368. *Lucasna glabrata*, Rose, n. sp. °  
 369. (wood) °  
 > ! 370. *Ipomoea bombycina*, B. & H. ex char. ? °  
 ✓ 371. *Cochlospermum hibiscoides*, Kunth. °  
 > ! 372. *Miapa albans*, Hieron ? ex char. ° (wood)  
 > 373. *Ficus Bonplandiana*, Miq. (wood) °  
 > 374. *Xanthosoma roseum*, Schott.  
 375. *Canavalia* Rose n. sp. °  
 ✓ 376. *Diphysa Palmeri*, Rose. n. sp. °  
 ✓ 377. *Combretum Mexicanum*, H. & B. °  
 ✓ 378. *Bursera ovalifolia*, Engler. °  
 > 379. *Piper leucophyllum*, C. DC. n. sp. °  
 > ! 380. *Tabernaemontana Acapulcensis*, Hieron, ex char. ?  
 ✓ 381. *Pithecolobium dulce*, Benth. °  
 > 382. *Ruellia* °  
 > 383. *Eupatorium quadrangulare*, DC. °  
 ✓ 384. *Gossypium arboreum*, L. ° (wood)  
 385. °  
 > ! 386. *Lucuma Palmeri*, n. sp. °  
 387. °  
 > + 388. *Salmelia scandens*, DC.  
~~*Palmeria pauciflora*, Hemsley, ex char. ?~~  
 ✓ 389. *Matazpa serriculata*, Radlk. ? °  
 ✓ 390. *Acacia Hindsii*, Benth. °



- ✓ 391. *Guarea* ○  
 > 392. *Marsdenia*?  
 > 393. *Gonolobus odoratus*, Gray. ○  
 ✓ 394. *Asimina foetida*, Rose, n. sp. ○  
 ✓ 395. *Petrea arborea*, HBK. ○  
 ✓ 396. *Combretum Palmeri*, Rose, n. sp. ○  
 ✓ 397. " *farinosum*, HBK. ○  
 ✓ 398. *Bauhinia subrotundifolia*, Cav. ○  
 399. ○  
 ✓ 400. *Coursetia glandulosa*, Gray, var. ○  
 ✓ 401. *Licania arborea*, Seem. ○  
 ✓ 402. *Moringa pterygasperma*, Gaertn. ○  
 > 403. *Datura discolor*, Bernh. ○  
 > 404. *Pisonia aculeata*, L. ○  
 ✓ 405. *Sweetunia Mahogoni*, Jacq. ○  
 > 406. *Amphilophium paniculatum*, HBK. ○  
 407. ○  
 ✓ 408. *Conostepia Xalapensis*, Don. ○  
 ✓ 409. *Passiflora Liebmannii*, Mart. & *P. suberosa*, L. ○  
 ✓ 410. *Acacia* ○  
 ✓ 411. *Passiflora holosericea*, L. ○  
 ✓ 412. *Gomphia* ○  
 413. *Muntingia calabura*, L. (wood) ○  
 > 414. *Euphorbia ligustrina*, Boiss. ○  
 > ! 415. *Sponsea Palmeri*, Watson, var. *platyphylla*, n. var. ○  
 ✓ 416. *Bombax ellipticum*, HBK. ○  
 ✓ 417. *Casuarina coumbosea*, HBK. ○  
 > 418. *Elephantopus spicatus*, Juss. ○



419. *Tabebuia* ° (wood)
- ✓ 420. *Paspalum platycaule*, Poir. °
- > 421. *Iresine celosiaoides*, L. °
- ✓ 422. *Indigofera Anel*, L. °
423. °
- > 424. *Iresine interrupta*, Benth. °
- ✓ 425. *Colubrina* °
- > 426. *Euphorbia pulcherrima*, Willd. °
- ✓ 427. *Paullinia fuscescens*, HBK. °
428. °
- > ! 429. *Acrocomia sclerocarpa*, Mart. ex Chor. °
- ✓ 430. *Hippocratea Mexicana*, Miers. °
- > 431. *Sponoaea fistulosa*, Mart. °
- ✓ 432. *Bursera Palmeri*, Watson. °
- ✓ 433. *Pennisetum purpurascens*, HBK. °
- ✓ 434. *Amundinella Martinicensis*, Trin. °
- > 435. *Eupatorium pycnocephalum*, Less. °
- ✓ 436. *Bauhinia merrimii*, Pers. °
- ✓ 437. *Heteropterys Beecheyana*, Juss. °
- ✓ 438. *Cissus sicyoides*, L. °
439. °
- > 440. *Agave*? & *Heliconia occidentalis*, Roe. n. sp. °
- > 441. *Pluchea subdecurrens*, Cass. °
- > 442. *Aphrodium patens*, Swz. °
- ✓ 443. *Jouva straminea*, Fourn. non Scribn. °
- > 444. *Kyllingia pumila*, Michx. °
445. °
- ✓ 446. *Panicum sanguinale*, L., var. *breviglume*, Trin, forma distincta, Doell. °

- > 447. *Limbristylis miliacea*, Vahl. 0  
 > 448. *Cyperus compressus*, L. 0  
 ✓ 449. *Bauhinia pescaprae*, Cav. 0  
 450. 0  
 ✓ 451. *Bauhinia pescaprae*, Cav. 0  
 ✓ 452. *Waltheria Americana*, L. 0  
 453. 0  
 ✓ 454. *Tribulus pistoides*, L. 0  
 455. 0  
 > 456. *Eyostemma Caribaeum*, R. & S. 0  
 457. 0  
 ✓ 458. *Tetraccia sessiliflora*, Fr. & Pl. 0  
 459. 0  
 > 460. *Celasia!*? *monosperma*, Rose. 0  
 ✓ 461. *Cassia oxyphylla*, Knuth. 0  
 462. 0  
 463. 0  
 ✓ 464. *Mollugo verticillata*, L. 0  
 465. 0  
 ✓ 466. *Heliotropium* ~~*rotundatum*, n. sp.~~ <sup>*pauciflorum*</sup> Griseb. 0  
 ✓ 467. *Triphasia trifoliata*, DC. 0  
 > 468. *Glycauthes gabioloides*, Benth. 0  
 > 469. *Herpestis sessiliflora*, Benth. 0  
 > 470. <sup>*Exodrigia*</sup> *Eclipta alba*, Hassk. 0  
 471. 0  
 > 472. *Herpestis rotundifolia*, Pursh. 0  
 ✓ 473. *Eriscema diffusum*, G. Don. 0  
 ✓ 474. *Galphimia glandulosa*, Rose. n. sp. 0

- 475.
- ✓ 476. *Indigofera mucronata*, DC.
- > 477. *Blechnum Brownii*, Juss.
- ✓ 478. *Cassia atomaria*, L.
- > 479. *Lippia callicarpifolia*, HBK.
- > 480. *Melanthera hastata*, Rich.
- > 481. *Peaxis arenaria*, Reuth.
482. *Sponsea* <sup>rep.</sup>
- ! 483. *Sponsea ampullacea*, n. sp.
- ✓ 484. *Colubrina arborea*, Brandege.
- ✓ 485. *Hittella Americana*, Aubl.
- ✓ 486. *Colubrina*
- ✓ 487. *Cleomeatis dioica*, L.
- > 488. *Spermacoce podoccephala*, Gray.
- 489.
- 490.
- > 491. *Zaxmenia Ghiesbreghtii*, Gray.
- > 492. *Vernonia canescens*, HBK.
- > 493. *Bernardia Mexicana*, Mill. <sup>sp.</sup>
- ✓ 494. ~~*Dalca*~~
- ✓ 495. *Sida dumosa*, Swartz.
- > 496. *Canna edulis*, Ker.
- > 497. *Brickellia* <sup>glomerulosa, Ferrug. Gray, n. sp.</sup> ~~*Cavanillesii*~~, Gray.
- > 498. *Laevelia ciliata*, L.
- ✓ 499. *Cayaponia attenuata*, Cogn.
- ✓ 500. *Xylosona Pringlei*, Robinson.
- ✓ 501. *Cassia*
- ✓ 502. *Maltheria Preslii*, Walp.



- ✓ 503. *Cayaponia attenuata*, Cogn. °  
 > 504. *Solantra grandiflora*, Swartz. °  
 ✓ 505. *Caesalpinia* °  
 > ! 506. ~~*Dioscorea*~~ *salweenensis*, n. sp. °  
 ✓ 507. *Dalea diffusa*, Morel. °  
 > 508. *Laeselia glandulosa*, Don. °  
 > ! 509. *Russelia rotundifolia*, Cav. ex char. °  
 > 510. *Phypalis foetens*, Pir. °  
 > ! 511. *Ruprechtia fusca*, n. sp. °  
 > 512. *Telanthera gracilis*, Moq. °  
 > 513. *Eupatorium pycnocephalum*, Less. °  
 ✓ 514. *Pilocarpus longipes*, Rose, n. sp. (wood) °  
 > 515. *Eupatorium monanthum*, Sch. Bip. °  
 > 516. *Smilax Mexicana*, Ath., var. *Costaricae*, DC. (wood) °  
 > 517. *Ardisia coriacea*, Sw. °  
 > 518. *Adiantum tenerum*, Swartz. °  
 > 519. *Adiantum trapeziforme*, L. °  
 > 520. " *trapeziforme*, L. °  
 > ! 521. *Cestrum graciliflorum*, Don., ex char. °  
 > 522. *Lixis obvallata*, Hook. & Arn. °  
 > 523. *Zinnia maritima*, HBK. + *Demodium* °  
 524. *Phaseolus* °  
 > 525. *Sponsea martinicensis*, Mey. & Crotalaria °  
 ✓ 526. *Acisanthus quadrata*, Juss. °  
 ✓ 527. *Cuphea tenella*, Hook & Arn. °  
 528. °  
 > 529. *Castalia ampla*, Salisb. °  
 530. °



- > ! 531, *Loranthus inconspicuus*, Benth. ex char. °  
 ✓ 532, *Mucuna urens*, L. °  
 > ! 533, *Solanum lentum*, Cav. ex char. °  
 > 534, *Isocarpha divaricata*, Benth. °  
 > 535, *Cryptocarpus globosus*, HBK. °  
 ✓ 536, *Thalovaviscus* °  
 > 537, *Illandria usneoides*, L. °  
 ✓ 538, *Cassia* °  
 ✓ 539, *Sergania* °  
 ✓ 540, *Tuchilia boliviana*, C.D.C. °  
 541. °  
 542. °  
 543. °  
 ✓ 544, *Leprosia* °  
 ✓ 545, *Bunchosia Paluceri*, Wats. °  
 ✓ 546, *Caesalpinia eriostachya*, Benth. °  
 > 547, *Illandria foliosa*, Mart. & Gal. °  
 ✓ 548, *Luffa operculata*, Cogn. °  
 ✓ 549, *Panicum sanguinale*, L. °  
 ✓ 550, *Sida rhombifolia* & *S. acuta*, var. *carpinifolia*, Schum. °  
 > 551, *Priva echinostachya*, Juss. °  
 ✓ 552, *Phaseolus* °  
 ✓ 553, *Agrimone Mexicana*, L. °  
 > 554, *Solanum nigrum*, L., var. *Dillenii*, Gray. °  
 ✓ 555, *Nomordia charantia*, var. *abbreviata*, Ser. °  
 ✓ 556, *Simaba* °  
 > 557, *Antigonon flavescens*, Wats. + *Melothria scabra*, Haud. °  
 ✓ 558, *Call. Corallocarpus emetocarthicus*, Coep. °

- > 559. *Ipomoea umbellata*, Mey. ○  
 ✓ 560. *Pterocarpus*? ○  
 > 561. *Croton micrus*, Jacq. ○  
 ✓ 562. *Guazuma ulmifolia*, Lam. ○  
 ✓ 563. *Tournefortia Indica*, L. ○  
 > 564. *Scaevola longiflora*, Presl. ○  
 > 565. *Mikania suaveolens*, HBK. ○  
 ✓ 566. *Secundaria sylvestris*, Schlecht. ○  
 > 567. *Capriaria saxifragaeifolia*, Schl. & Ch. ○  
 > 568. *Heliotropium mundatum*, Swartz. ○  
 > 569. *Hypsis albida*, HBK. ○  
 ! 570. ~~Bleed~~ *Ruellia ovalifolia*, Hemsl. Ex char? ○  
 ✓ 571. *Paullinia fuscescens*, HBK. ○  
 > 572. *Croton fruticulosus*, Torr. ○  
 > 573. *Cordia* ○  
 ✓ 574. *Annona* ○  
 > 575. *Hemiba costata*, Gay. & *Cauavalia villosa*, Benth. ○  
 ✓ 576. *Capparis pauciflora*, Presl. ○  
 577. ○  
 ✓ 578. *Guarea* ○  
 > 579. *Hebanthe Hookeriana*, Hemsl. ○  
 > 580. *Jacobinia ovata*, Gay, var. *subglabra*, Wats.? ○  
 ✓ 581. *Sida Jamaicensis*, L. ○  
 > 582. *Acetandea glabrescens*, Benth? ○  
 > 583. *Nelsonia campestris*, R. Br. ○  
 ✓ 584. *Hippocratea Mexicana*, Miers. ○  
 585. *Trianthema portulacastrum*, L. ○  
 > 586. *Euphorbia Brasiliensis*, Lam. ○

- ✓ 587. *Bignonia equinoctialis*, L. °  
 ✓ 588. *Hippocratea Mexicana*, Miers. °  
 ✓ 589. *Loucheocarpus* °  
 ✓ 590. *Glinus latoides*, Laefl. °  
 ✓ 591. *Chrysophyllum Cainito*, L. °  
 ✓ 592. *Conyza lyrata*, HBK. °  
 ✓ 593. *Glinus latoides*, Laefl. °  
 ✓ 594. *Sapronia palustris*, St. Hil. °  
 595. °  
 ✓ 596. *Eragrostis reptans*, Nees. °  
 ✓ 597. *Cyperus ligularis*, L. °  
 ✓ 598. *Loucheocarpus senecus*, HBK. °  
 599. °  
 ✓ 600. *Malachra digitata*, Presl. °  
 ✓ 601. *Loranthus Americanus*, Jacq. ex char. °  
 ✓ 602. *Coccoloba leptostachya*, Benth. ex char. °  
 ✓ 603. *Ciba caccaria* Hed. (wood) °  
 ✓ 604. *Vitis* °  
 ✓ 605. *Triumfetta semitiloba*, Jacq. °  
 ✓ 606. *Gaudichaudia Schiedeana*, Juss. °  
 607. °  
 ✓ 608. *Clematis Acapulcensis*, Holl. °  
 ✓ 609. *Apestitis decumbens*, n. sp. °  
 ✓ 610. *Cassia* °  
 611. °  
 612. °  
 ✓ 613. *Araea* °  
 ✓ 614. *Melochia radiata*, L. °

- ✓ 615. *Cassia tora*, L.  
 ✓ 616. *Passiflora lunata*, Willd.  
 > 617. *Croton niuus*, Jacq.?  
 > 618. *Croton Alamosanus*, Rose.  
 > 619. *Ipomoea intropilosa*, Benth. Rose. ○  
 ✓ 620. *Centrosema hastata*, Benth.  
 ✓ 621. *Phaseolus truxillensis*, HBK. ○  
 622.  
 623.  
 ✓ 624. *Acacia paniculata*, Willd. ○  
 > 625. *Bauhinia subuligera*, Gray. & *Strombosia cuspidata*,  
 626. *Xrameria* Puel.  
 ✓ 627. *Corchorus acutangulus*, Lam. ○  
 > 628. *Herpestis Salzmanii*, Benth. ○  
 ✓ 629. *Hippocatea Acapulcensis*, HBK. ○  
 > 630. *Crescentia alata*, HBK. ○  
 > 631. *Lithonia tagriflora*, Drsf. ○  
 ✓ 632. *Cassia bicapsularis*, L. ○  
 633.  
 634.  
 635.



Oct. 29.

S.D. Parish.

"Monardella stricta, Parish n. sp."

= *M. linsides*, var.?41. *Halimolobos leucostachys*, Wats.8. *Salidago spectabilis*, Gray.83. *Potentilla rivalis*, var. *melligrana*, Wats.28. *Lupinus Sitgreavesii*, Wats.1007. *Amophila pauciflora*, Dougl.

J.M. Hubby, Cleveland, Nov. 14.

1. *Aster salicifolius*2. " *paniculatus*

3. " "

4. " "

5. " "

6. *Salidago ulmifolia*7. " *squarrosa*8. *Coreopsis aurea*, var. *incisa*.

W.H. Manning, Brookline

*Galium palustre*, L." *mollis*, L.*Arnica lutea*, Rehb.*Corrigiola littoralis*, L.*Alyssum calycinum*

Jan 22-23 '96

## Prof. Alfredo Dugo, Guanajuato.

348. *Delphinium leptophyllum*, Hemsl.  
 316. *Eschscholtzia Californica*, Cham. "Amapola amarillo"  
 137. *Helianthemum glomeratum*, Lag. "Tanajuana"  
 N. *Arenaria saxosa*, Gray.  
 G. *Sida angustifolia*, Lam.  
 D. " *Carpiniifolia*, L.  
 117. *Eriodendron aesculifolium*, DC. "Pochotl"  
 287 <sup>quarte</sup> *Abutilon holosericeum*, Scheele.  
 H. *Erodium cicutarium* L'Her.  
 S. *Canavalia willosa*, Benth.  
 J. *Zornia diphylla*, Pers.  
 257<sup>2</sup> *Cassia Palmeri*, Watson.  
 304. *Oenothera Whitneyi*, Gray. "Violeta del pais."  
 306. *Oenothera rosea*, Ait. "Yerba del golpe"  
 M " "  
 L *Lythrum vulperaria*, Ait.  
 O " "  
 308<sup>b</sup> *Lopezia integrifolia*, DC.  
*Heterospermum pinnatum*, Cav.  
*Lagotis micrantha*, Cav.  
 "Phyllocactus" = *Phyllocactus anguliger*, Lem.  
 320. *Passiflora inamoena*, Gray "Cocopitos".  
 "Bouvardia" = *B. hypoleuca*, Benth.  
 425. *Eupatorium Mendezii*, DC.  
 429. *Bickellia Cavanillesii*, Gray.  
 P *Eriogon delphinifolius*, Willd.

- 455 & 455<sup>B</sup> *Cucullia Mexicana*, Mart. "Mirasol amarillo"  
or "Lampotillo"
469. *Verbena serrata*, Cav. "Vara blanca" (?)  
"Flor de Invierno" = *Dahlia variabilis*, Desf.  
"Dahlia Sauvage" = " *gracilis*, Ort.
- 424<sup>A</sup> *Cosmos sulphureus*, Cav. "Mirasol amarillo"
472. *Electra Mexicana*, DC.
478. *Pocophyllum coloratum*, DC. "Yerba del venado"
- 477 " *macrocephalum*, DC. " " "
481. *Caecalia cordifolia*, HBK. "Cachán ou Condurango"
88. *Spigelia scabrella*, Benth.
93. *Therisia Ycotti*, DC, var. *glabra*, DC. "Frayles"
- "Cazamate" *Sponoxia mexicanoides*, R & S.
- "Pomme de terre Sauvage" *Solanum tuberosum*, L.
416. *Solanum elaeagnifolium*, Cav. "Trompillo"
- A *Solanum dejectum*, n. sp.
412. *Physalis mollis*, Nutt., var. *cinerascens*, Gray. "Cogtomate"
- E / " " "
409. *Datura Tatula*, L.
- G " *metaloides*, DC.
382. *Pentstemon gentianoides*, Don.?
387. *Lamourousia rhinanthifolia*, HBK.
- R. *Seymeria virgata*, Benth.
116. *Martynia fragrans*, Lindl. "Toritos"
114. *Tecoma mollis*, HBK. "Tromadora"
- B. *Salvia axillaris*, Moench & Sesse.
- "Chia" = " *Hispanica*, L.
- "Yerba del abito" = *Hyptis stellulata*, Benth.

79. *Gomphrena decumbens*, Jacq.  
 "Inclite morado" = *Amarantus leucosperma*, Wats.  
 "Romeritos" = *Suaeda intermedia*, Watson.
- I. *Euphorbia adenoptera*, Benth.  
 E. " *filulifera*, L.  
 K. " *hypericifolia*, L.  
 Chén - = *Inereus glabrescens*, Benth.  
 T *Calochortus Bonplandianus*, Schult. f.  
 31. B. *Commellina Virginica* L. "Yuba del pollo"  
 31. A. " *graminifolia*, HBK.  
 "Coquitos" = *Cyperus Fendlerianus*, Boeckl.  
 "Calantillo" *Adiantum Copillus-veneris*, L.  
 5. c. *Polypodium aureum*, L., var. *areolatum*, DC. "Calahuala pinte",  
 "Calaguala" " *plebeium*, Schl.



Feb. 10. 1896.

Aven Nelson - "New" Plants from Wyoming.

999. *Senecio lugens*, Rich., var. *foliosus*, Gray -  
 1037. " " "  
 1255. *Salix macrocarpa*, Nutt.  
 1296. Leaves of one of Malvaceae  
 1320. *Oxytropis Lambertii*, Pursh.  
 1375. *Mentzelia dispersa*, Watson.  
 1389. *Senecio Douglasii* DC. = *S. Riddellii* T. & G.  
 1441. " " " = *S. longilobus*, Benth.  
 1448. *Cheopodium capitatum*, L.?  
 1478. *Vicia Americana*, Muhl.  
 1546. *Rumex salicifolius*, Nees? too young.  
 1548. *Thalictrum*  
 1553. *Aplopappus Fremonti*, Gray, <sup>toward</sup> var. *Wardii*, Gray.  
 1572. *Eriogonum flavum*, Nutt.  
 1573. *Hymenopappus filifolius*, Hook. forma.  
 1581. *Aquilegia*  
 1586. *Salix flavescens*, Nutt.  
 1592. *Aster Lindleyanus*, Torr. & Gray.  
 1598. *Salix cordata*, Muhl.  
 1611. *Trifolium dasycephalum*, Torr. & Gray.  
 1618. *Picea* -  
 1637. *Ceanothus* -  
 1725. *Gentiana serrata*, Gumm.  
 1732. apparently a young shoot of *Juniperus* -  
 1733. *Salix monticola*, Bebb.  
 1755. *Salix candida*, Willd.

1757. *Salix* —  
 1759. *Salix desertorum*, Rich.  
 1764. *Trifolium Parryi*, Gray.  
 1765. *Lupinus glaucus*, Nutt., var. *dasycephalus*, F. & G.  
 1772. *Eriogonum uniflorum*, L.  
 1793. *Silene*  
 1798. *Plantago Tweedii*, Gray.  
 1819. *Patentilla Plattensis*, Nutt.?  
 1820. *Geum Rossii*, Scribn.  
 1839.  
 1849.  
 1854. *Veronica peregrina*, L.  
 1856. *Salix rostrata*, Rich.?  
 1862. *Urtica Breweri*, Watson.

Feb. 20, 1896.

## Plants from A.S. Hitchcock, Manhattan, Kans.

32. *Carydalis aurea*, Willd.  
 35. *Astragalus latiflorus*, Hook.  
 108. *Hymenopappus corymbosus*, Nutt.  
 121. *Ladescantia Virginica* -  
 142. *Rubus Canadensis*, L., var. *rouitaceus*, Bailey -  
 143. *Rubus villosus*, Nutt.  
 174. *Allium mutabile*, Michx.  
 209. *Physalis Virginiana*, Mill.  
 213. *Physalis lanceolata*, Michx.  
 237. *Cuscuta chlorocarpa*, Engelm.  
 254. *Juncus nodosus*, L., var. *megacephalus*, Tou.  
 283. *Commelina Virginica*, L.  
 303. *Juncus marginatus*, Rostk.  
 310. *Juncus acuminatus*,  
 318. *Physalis longifolia*, Nutt.  
 342. *Chenopodium album*,  
 349. *Acerida tamaricina*, Wood.  
 351. *Chenopodium Boccianum*, Moq.  
 373. *Hypericum mutilum*, L.  
 507. *Lisquella Ludoviciana*, Wats.  
 511. *Pentstemon albidus*, Nutt.  
 513. *Allium sativum*, Wats.  
 526. *Chrysopsis villosa*, Nutt., <sup>det.</sup> var. *hispida* and *caesocens*.  
 532. *Linum rigidum*, Pursh.  
 535. *Rosa Arkansana*, Porter.  
 547. *Chenopodium Fremontii*, var. *incanum*, Wats.

557. *Gilia rigidula*, Benth., var. *acerosa*, Gray.  
 557. *Eriogonum microthecum*, var. *effusum*, S. G.  
 564. *Astragalus elatiocarpus*, Sheld.  
 565. *Penstemon albidus*, Nutt.  
 569. *Aster oblongifolius*, Nutt., var. *rigidulus*, Gray.  
 570. *Asclepias auriculata*, Engelm.  
 571. *Phacelia hederaefolia*, Gray.  
 572. " *laucolata*, var. *parvifolia*, Rydb.  
 576. *Hymenopappus trinifolius*, Benth.  
 580. *Atriplex argentea*, Michx.  
 585. *Eriogonum Jamesii*, Benth.  
 587. *Nentzia nuda*, Torr.  
 596. *Actinella scapula*, Nutt.  
 606. *Polypteris Hookeriana*, Gray.  
 607. *Hymenopappus flavescens*, Gray.  
 609. *Acrida tamarascina*, Torr.  
 613. *Salinum calycinum*, Engelm.  
 624. *Commelina Virginica*, L., var. *angustifolia*, Carter.  
 629. *Actinella scaposa*, var. *linearis*.  
 632. *Petalostemon trinifolius*, Gray.  
 634. *Oenothera Greggii*, Gray.  
 636. *Thesperis foliolium*, Gray.  
 640. *Chenopodium leptophyllum*, Nutt.  
 648. *Nentzia multiflora*, Nutt.  
 649. *Cuscuta decora*, Chis., var. *pulcherrima*, Engelm.  
 666. *Cercopsis fructuosa*, Nutt.  
 668. *Gerardia aspera*, Dougl.  
 678. *Euphorbia acutata*, Michx.



726. *Aster Ladecantii*, L.  
 802. *Aplorhappus spinulosus*, DC.  
 807. *Oenothera Hartwegii*, Benth., var. *laevifolia*.

March 14, 1896.

Hawaiian Plants from A.A. Heller.

2870. *Pilea sapotaeifolia*, Mann., var. *B.* Hillebr.  
 2631. *Mikstroemia eloupta*, Gay.  
 2535. " " "  
 2581. " " var. *recurva*, Hillebr.  
 2545. " sp.  
 2498. *Baeba Mannii*, Hillebr.  
 2500. *Euphorbia atrococca*, Heller, n.sp. may be good  
 but too near *E. cclastroides*, Boiss.  
 2440. *Kadua Cookiana*, Cham. & Schl., var. *elatis*, Hillebr.  
 2443. *Labellia toruosa*, Heller, n.sp. (O.K.)  
 2597. *Cyanea* sp. may be new, or possibly  
 a var. of *C. angustifolia*.

March 21, 1896 -

A.H. Curtis.

5202. *Lespedeza intermedia*, Britton  
 5203. " *polystachya*, Michx.  
 5204. " *angustifolia*, Ell.  
 4522. *Vaccinium corymbosum*, Tonnar var. *fuscatum*, Gay.  
 4522 B. " "  
 4579. " *nitidum*, Auct., toward *Mysanites*, Lam.

- 4579A. *Vaccinium nitidum*, Andr.  
 4592 " *formosum*, Andr.  
 4592<sup>B</sup>, " "  
 4592<sup>C</sup> " "  
 5282. *Polygonum cristatum*, Eng. & Gray.  
 4576. *Coussaleis micrantha*.

Allen Nelson - March 21, '96.

397. *Phlox Douglasii*, Hook.  
 1650. *Stephanomenia minor*, Nutt.  
 1553. *Aphlopappus Fremonti*, Gray, <sup>near</sup> var. *Wardii*, Gray.

June 27.

A. Duges, Guayaquato.

- "*Polypodium*" = *Aephusidium patens*, Desv.  
*Zaluzania angustata*, Sch. Bip.  
 "Euphorbiaceae?" = *Forestiera phillyrioides*, Fou.  
*Reseda lutesca*, L.  
 X = *Ileocharis truncata*, Sch.  
*Cuphea* = *C. mesochloa*, Greene.  
 "Rosaceae" = *Arundo Donax*, L.  
 "Aliso" = *Alnus acuminata*, A.P.K.  
 Santa de la Cruz = *Asparagus dredeoloides*, Thunb.  
 Pichon = *Gonolobus sororius*, Gray.  
 Paraujillo = *Ilex Dugesii*, Fern.  
 ! Mimosa = *Lysiloma Dugesii* n. sp.  
 370. Ocotillo = *Jodana viscosa*, L.

Sabino = *Laxodium mucronatum*. Ten.  
 "Cuáquil" = *Celtis caudata*, Planch.  
 405 A = *Cestrum laxum*, Benth.  
 Gorro de Napoleon = *Salandra grandiflora*.  
 1894 Madroña negro = *Arbutus glandulosus*, M. & G.  
 190 Madroña = *Arbutus Kalapensis*, HBK.  
 Ohehico = *Hibiscus Rosa-sinensis*, L.  
 Aristilochia sp.  
 Sphaeralcea?  
 Salvia?

May 12, '96.

*Cotoneaster denticulata*, HBK.  
*Jatropha spatulata*, Mill., var. *sessiliflora* Mill.  
 "Graujeno" = *Celtis Tala*, Gill?

Can. ...  
 = returned to Washington.

Palucci's 1891-92 Plants, from Tepic etc.

- ✓1838. *Journefortia Hartwegiana*, Steud.  
 ✓1798. " " "  
 ✓1776. " *floribunda*, HBK.  
 ✓1825. *Cordia ferruginea*, R. & S.  
 ✓1707. *Cordia Geacanthus*, Jacq.  
 ✓1750. *Heliotropium phyllostachyum*, Tou.  
 ✓1442. " *fruticosum*, L.  
 ✓no no. " *Indicum*, L.  
 ✓1527. " "  
 ✓1456. " "  
 ✓no no. " *parviflorum*, L.  
 1524  
 1773. " "  
 ✓1895 *Orosmodium*?  
 ✓1837. *Trigaudia Kunthii*, Choisy.  
 ✓1913. *Isoloma Jaliscana*, Watson.  
 1731. *Sponsoea* sp. (poor material)  
 ✓1997. " *Gayi*, Rose.  
 ✓1708. " *trifida*, Dou, var. *Tueyana*, Gray  
 ✓1746. " " " " "  
 ✓1809. " *pentaphylla*, Jacq.  
 ✓1863. " *sidaefolia*, Choisy.  
 ✓1780. " *quinquefolia*, Griseb.  
 ✓1705. " *leptotoma*, Tou.  
 ✓1725. *Jacquemontia violacea*, Choisy.  
 ✓1823. *Evolvulus alsinoides*, L. (perhaps *E. acapulcensis*, Willd.).  
 1713. *Physalis*  
 ✓1835. " *nicandroides*, Schl.



- ✓ 2051. *Nicotiana plumbaginifolia*, Wiv.  
 ✓ 2053. *Datura* sp.  
 ✓ 502. *Solanum Lambii*, Fernald.  
 ✓ 2067. " *nigrum*, L., var. *Dillenii*, Gray.  
 ✓ 1887. " *diversifolium*, Schl.  
 ✓ 1766. " *verbascifolium*, L.  
 ✓ 2046. *Buehnera pilosa*, Benth.  
 ✓ 2050. *Castilleja canescens*, Benth.  
 ✓ 2045. " *lithospermoides*, A.B.K.  
 ✓ — *Lamouranxia viscosa*, A.B.K.  
 ✓ — " " "  
 ✓ — " " "  
 ✓ — " *multifida*, A.B.K.  
 ✓ 2044. *Scoparia dulcis*, L.  
 ✓ 2047. *Hepestis Morniesi*, A.B.K.  
 ✓ — *Russelia sacramentosa*, Jacq.  
 ✓ — " "  
 ✓ 2043. *Stenodia peduncularis*, Benth.  
 ✓ — *Hepesta chamaedryoides*, A.B.K.  
 1712  
 2007  
 1775  
 1735  
 2001  
 1752  
 ✓ 1415. *Carlownightia glabrata*, Fernald.  
 ✓ 1987. *Carlownightia cordifolia*, Gray.  
 ✓ 14 *Ruellia tuberosa*, L.  
 ✓ 14 *Jacobinia Mohintlii*, Hemsl.  
 ✓ 14 *Dicliptera brachiata*, Spr.

- 1872 *Vernonia*? *Palmieri*, Rose.
- ✓ *Acaua* *Jamaicense*, L.
- ✓ 1585. *Ayptis* *polystachya*, HBK., var.
- 1965a " sp. not in Hb. G. between *albida* & *oblongifolia*.
- ✓ 1903. " *rhytidica*, Benth.
- ✓ 1909. " *spicata*, Poit.
- ✓ 2014. " *pectinata*, Poit.
- ✓ 639. " *suavolens*, Poit.
- ✓ " *stellulata*, Benth.
- ✓ 965. " *oblongifolia*, Benth.
- ✓ " *albida*, HBK.
- ✓ 1864. " " "
- ✓ 516. *Stachys* *coccinea*, Jacq.
- ✓ 831. " *agraria*, Ch. & Schl.
- ✓ *Salvia* *occidentalis*, Swartz.
- ✓ " " "
- ✓ 5012. " *Mocinosi*, Benth.
- ✓ 967. " *thyrsiflora*, Benth.
- ✓ 2054. " *coccinea*, L.
- ✓ 2065. " *glechonaeifolia*, HBK.
- ✓ 897. " *hyptoides*, Mart. & Gal.
- ✓ 911. " *lavenduloides*, HBK.
- ✓ 2009. " *prunelloides*, HBK.
- ✓ 1441a. " *Mexicana*, L., var. *minor*, Benth.
- ✓ 1749. " *privoides*, Benth.
- ✓ 675. " *albiflora*, Mart. & Gal.
- ✓ 984. " — sp. (pour matricule)
- ✓ 1964. " *aliena*, Greene, ex char.

Odallen. Miscellaneous. July 2, 1896.

- a Rosa  
 b. Epilobium Hornemannii, Reichenb.  
 c. Isoetes americana, Hook.  
 d. Menyanthes occidentalis, Gray.  
 e. Osmorhiza occidentalis, Torr.  
 f. Aspidium louchites, Swg.  
 g.  
 h. Aeluropus multifida  
 i. Streptopus roseus, Michx.  
 j.  
 k. Polemonium humile, Willd., var. pulchellum, Gray (form = P. pulcherrimum, Hook.)  
 l. Gilia debilis, Nutt. (form = G. Larseni, Gray)  
 m. Aulicomania plantaginifolia, Hook.  
 n. Carex nigricans, Meyer.  
 o. Carex Preslii, Steud.  
 p. Carex atrata, L.  
 q.  
 r. Saxifraga debilis, Engelm.  
 s. Cardamine oligosperma, Nutt.  
 t. Arnicia amplexicaulis, Nutt.





- > 28. *Trifolium involucreatum*, Willd.  
 > 29. *Fabiana rubricata*, Ruiz & Pav.  
 > 30. *Phalaris intermedia*, Rose.  
 > 31. *Amsinckia intermedia*, F. & M.  
 > 32. *Pectocarya linearis*, DC.  
 > 33. *Phacelia tanacetifolia*, Benth.  
 > 34. *Gilia purgens*, Benth., var. *hardenii*, Gray.  
 > 35. *Lupinus trifidus*, Torr.  
 > 36. *Calandrinia caulescens*, HBK.  
 > 37. " " " "  
 > 38. *Hordeum murinum*, L.  
 > 39. *Stipa setyera*, Presl.  
 > 40. *Cenatachloa grandiflora*, Hook.  
 > 41. *Scirpus lacustris*, L.  
 > 42. *Scirpus Olneyi*, Gray.  
 > 43. *Eriodictyon tomentosum*, Benth., var. *caucifolium*, Gray.  
 > 44. *Trifolium tridentatum*, Lindl.  
 > 45. *Anapallis arvensis*, L.  
 > 46. *Oenothera biostata*, Nutt.  
 > 47. *Euphorbia albomarginata*, Torr. & G.  
 > 48. *Muhlenbergia debilis*, Trin.  
 > 49. *Eriogonum fasciculatum*, Benth.  
 > 50. *Castilleja foliosa*, Hook. & Arn.  
 > 51. *Solanum umbelliferum*, Esch.  
 > 52. *Silene Gallica*, L.  
 > 53. *Callisida bicolor*, Benth.  
 > 54. *Picataea glauca*, L.  
 > 55. *Minulus puniceus*, Steud.

- > 56. *Pentstemon spectabilis*, Thunber.  
 > 57. *Oxalis Wrightii*, Gray?  
 > 58. *Dendromecon rigida*, Benth.  
 > 59. *Eriophyllum confertiflorum*, Gray.  
 > 60. *Gilia leanthoides*, Eudl.  
 > 61. *Erodium Botrys*, Bertol.  
 > 62. *Asacaria glabra*, Torr.  
 > 63. *Melilotus Indica*, All.  
 > 64. *Viola pedunculata*, T. & G.  
 > 65. *Layia elegans*, Gray.  
 > 66. *Saeria anthemoides*, Gray.  
 > 67. *Oxybaphus myrtagineus*, Sweet, var. *oblongifolius*, Gray.  
 > 68. *Brodiaea ixioidea*, Watson.  
 > 69. *Marrubium vulgare*, L.  
 > 70. *Sidalcea malvaeflora*, Gray.  
 > 71. *Trymatygia ambigua*, Gray.  
 > 72. *Lepidium nitidum*, Nutt.  
 > 73. *Ellisia membranacea*, Benth.  
 > 74. *Phacelia tanacetifolia*, Benth.  
 > 75. *Gilia micrantha*, Eudl.  
 > 76. *Collinsia bicolor*, Benth.  
 > 77. *Amorpha parviflora*, Dougl.  
 > 78. *Plantago Patagonica*, Jacq.  
 > 79. *Delphinium variegatum*, Torr. & Gray.  
 > 80. *Medicago denticulata*, Willd.  
 > 81. *Eucelia Californica*, Nutt.  
 > 82. *Astragalus leucopsis*, T. & G.  
 > 83. *Castilleja foliosa*, Hook. & Arn.

- 84
- > 85. *Asaetia baccycausa*, Benth.
- > 86. *Aenaria Douglasii*, Torr. & Gray.
- > 87. *Amsinckia intermedia*, F. & M.
- > 88. *Gilia densiflora*, Benth.
- > 89. *Bromus rubens*, L.
- > 90. *Pretocaryx linearis*, DC.
- > 91. *Callisia Davidsonii*, Parish.
- 92.
- 93.
- 94.
- 95.
- 96.
- 97.
- 98.
- 99.
- > 100. *Lupinus micranthus*, Dougl., var. *microphyllus*, Wats.
- > 101. *Lupidoecyprum gracile*, Hook.
- > 102. *Mimulus moschatus*; Dougl.
- > 103. *Trifolium ciliatum*, Nutt.
- > 104. *Gilia pusilla*, Benth., var. *Californica*, Gray.
- > 105. *Cerostema dentata*, Cov., var. *grandiflora*, Wats.
- > 106. *Godetia frutella*, Wats.
- > 107. *Platystemon Californicus*, Benth.
- > 108. *Bromus mollis*, L.
- > 109. *Orthocarpus attenuatus*, Gray.
- > 110. *Trifolium Macraei*, A. & G., var. *albopurpureum*, Greene. (pub.)  
" *ciliatum*, Nutt. (glabr)
- > 111. *Pogogyne Douglasii*, Benth. (small form)







- > 140 *Ribes sanguinum*, Pursh, var. *glutinosum*, Watson.  
 > 141 *Acer macrophyllum*, Pursh.  
 > 142 *Ribes Mengesii*, Pursh, var. with pilose-pubescent ovary.  
 > 143 *Phlox Douglasii*, Dougl. Hook.  
 > 144 *Asarum Hartwegii*, Watson.  
 > 145 *Lupinus microcarpus*, Sims.  
 > 146 *Valerianella macrocera*, Gray.  
 > 147 *Gilia ciliata*, Benth.  
 > 148 *Godetia epilabioides*, Wats.?  
 > 149 *Delphinium hesperium*, Gray, loose-flowered form.  
 > 150 *Collinsia Davidsonii*, Parish.  
 > 151 *Mimulus leptaleus*, Gray.  
 > 152 *Trifolium variegatum*, Nutt.  
 > 153 *Mimulus luteus*, L.  
 > 154 *Chaenactis glabriuscula*, DC.  
 > 155 *Scrophularia Californica*, Cham.  
 > 156 *Othocarpus densiflorus*, Benth.  
 > 157 *Mimulus Fremonti*, Gray.  
 > 158 *Mimulus naschatus*, Dougl.  
 > 159 *Chorizanthe membranacea*, Benth.  
 > 160 *Phacelia lanacetifolia*, Benth.  
 > 161 *Pogogyne Douglasii*, Benth.  
 162  
 > 163 *Asperula umbellata*, Torr.  
 > 164 *Galium* (too young).  
 > 165 *Lesula campestris*, DC.  
 > 166 *Ceanothus dentata*, Cav., var. *grandiflora*, Watson.  
 > 167 *Hemizonia Wrightii*, Gray.

- > 168 *Roubleva multifida*, Moq.  
 > 169 *Pterostegia drymarioides*, Fisch. & Meyer.  
 > 170 *Briza media*, L.  
 > 171 *Hordeum pratense*, Huds.  
 > 172 *Chorizanthe stellulata*, Benth.  
 > 173 *Lilia dianthoides*, Eudl.  
 > 174 *Dendromecon rigida*, Benth.  
 > 175 *Salvia caudata*, Benth.  
 > 176 *Lupinus ornatus*, Dougl.  
 > 177 *Castilleja parviflora*, Bong.  
 > 178 *Eucelia farinosa*, Torr.  
 > 179 *Stachys albens*, Gray  
 > 180 *Hosackia glabra*, Torr.  
 > 181 *Galium angustifolium*, Nutt.  
 > 182 *Pentstemon antirrhinoides*, Benth.  
 > 183 *Callinscia bicolor*, Benth.  
 > 184 *Aquiphila insignis*, Dougl.  
 > 185 *Vicia exigua*, Nutt.  
 > 186 *Pentstemon Palmeri*, Gray.  
 > 187 *Lilia virgata*, Steud.  
 > 188 *Phacelia leucocarpa*, Benth.  
 > 189 *Phacelia campoculata*, Gray.  
 > 190 *Montia parviflora*, H. & A.  
 > 191 *Clematis lasiantha*, Nutt.  
 > 192 *Eriophyllum confertiflorum*, Gray, var. *trifidum*, Gray.  
 > 193 *Salvia Columbariae*, Benth.  
 > 194 *Lupinus concinnus*, Agardh.  
 > 195 *Tellima affinis*, Pol.

- > 196 *Amorpha Menziesii*, H. & A.  
 > 197 *Styrax Californica*, Torr.  
 > 198 *Delphinium variegatum*, Torr. & Gray.  
 > 199 *Arabis arcuata*, Gray.  
 > 200 *Lupinus concinnus*, Agardh.  
 > 201 *Castilleja* sp.  
 > 202 *Lupinus Grayi*, Watson.  
 > 203 *Umbellularia Californica*, Nutt.?  
 > 204 *Quercus* sp.  
 > 205 *Eriogon foliosum*, Nutt.  
 > 206 *Ranunculus tenellus*, Nutt., var. *Lyalli*, Robinson.  
 > 207 *Astragalus canescens*, Ker.  
 > 208 *Potentilla Anserina*, L.  
 > 209 *Viola glabella*, Nutt.  
 > 210 *Erythronium grandiflorum*, Pursh.  
 > 211 *Thermopsis montana*, Nutt.  
 > 212 *Veronica alpina*, L.  
 > 213 *Tellima grandiflora*, R. Br.  
 > 214 *Thermopsis rhombifolia*, Reel.  
 > 215 *Rosa gymnocarpa*, Nutt.  
 > 216 *Oxycarpus pusillus*, Benth.  
 > 217 *Medicago denticulata*, Willd.?  
 > 218 *Pentstemon acuminatus*, Dougl.  
 > 219 *Lupinus micranthus*, Dougl.  
 > 220 *Rubus Nutkanus*, Moc.  
 > 221 *Vicia Americana*, Muhl.  
 > 222 " " var. *linearis*, Watson.  
 > 223 *Ribes sanguineum*, Pursh, var. *malvacum*, Gray.

- 224 *Vicia americana*, Muhl.  
 → 225 *Cornus stutallii*, Audubon.  
 → 226 *Nadescantha virginica*, L. *vide J.P.R.*  
 → 227 *Lycium dioica*, L.  
 → 228 *Trimala mississippica*, Michx.  
 → 229 *Gum triflorum*, Pursh.  
 → 230 *Arnica cordifolia*, Hook.  
 → 231 *Amelanchier alnifolia*, Nutt.  
 → 232 *Troximon heterophyllum*, Greene.  
 → 233 *Aira caryophylla*, L.  
 → 234 *Veronica arvensis*, L.  
 → 235 *Ranunculus hystericulus*, Gray.  
 → 236 *Viola canina*, L. var. *puberula*, Watson.

Little *Ranunculus* from Truckee, Cal. =  
*R. alismaefolius*, Geyer, much reduced,







