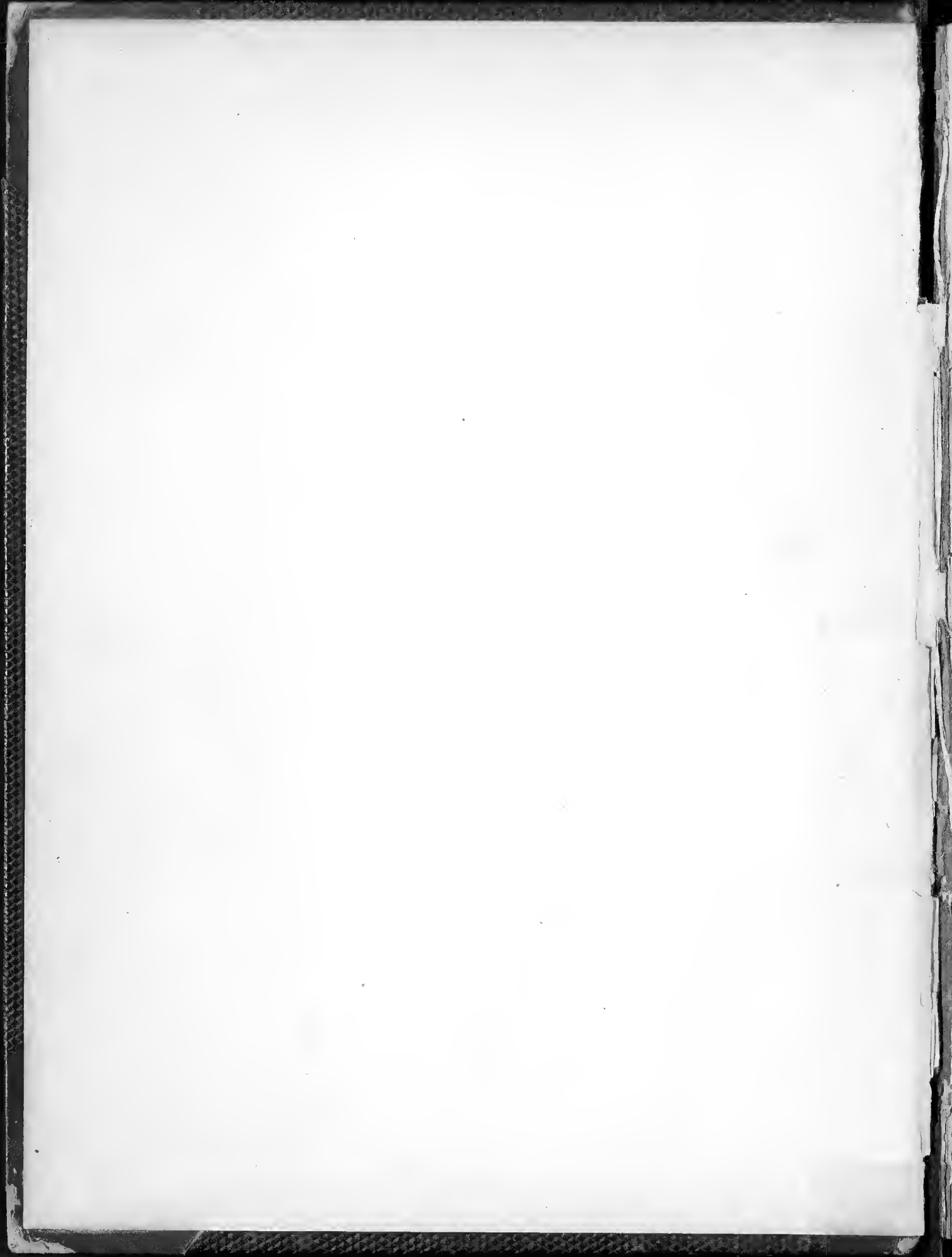


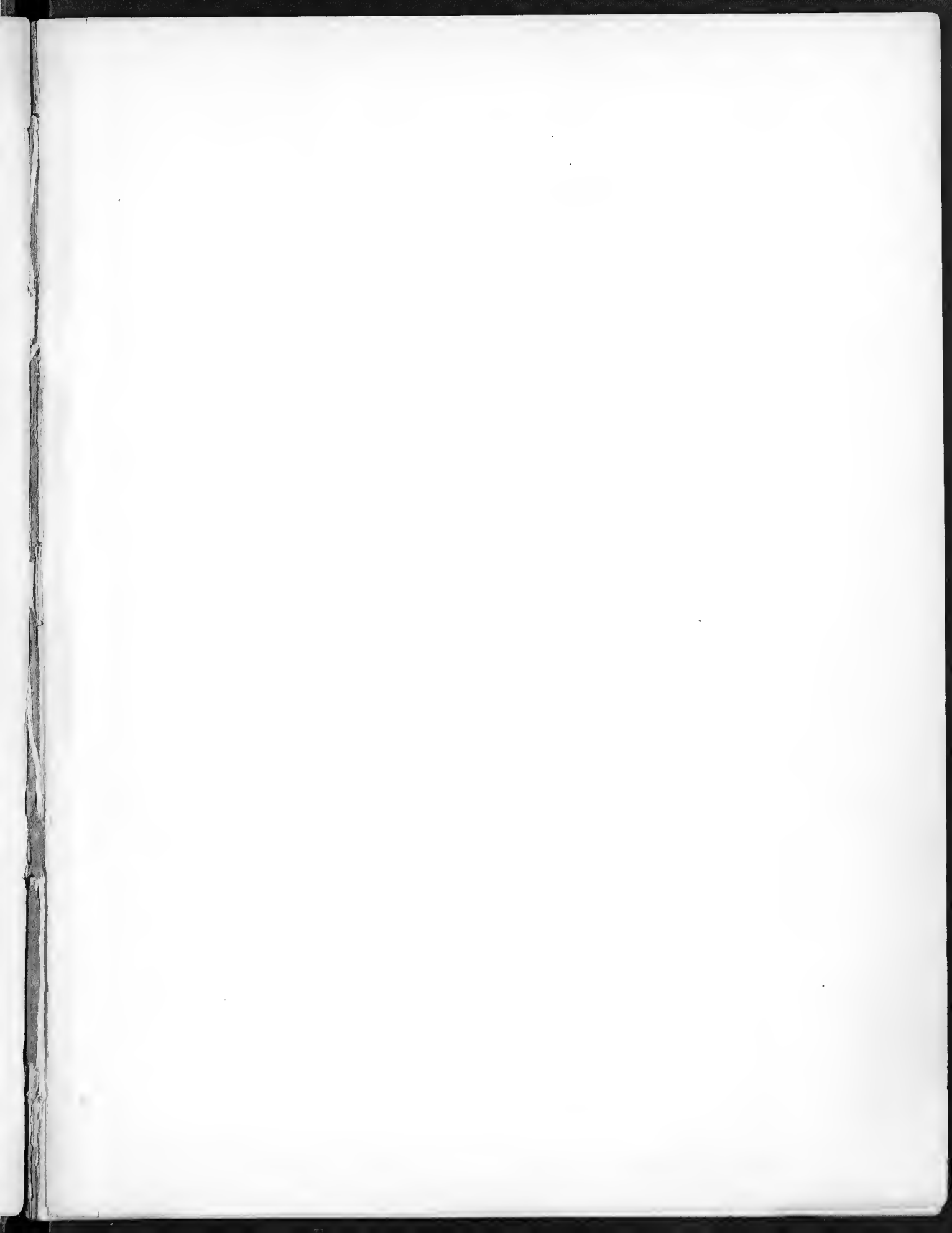
③



Merritt Lyndon Fernald.









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

182. *Aster corymbosus*, Ait. (appr. *macrophyllus*)  
" " " " " " " " *linus*, Nees.

Mary E. P. Ames 4, 141.

M. E. Andrews 10, 12,

O. D. Allen, 142,

B. F. Bush, 32,

J. S. Brandegee 70,

E. S. Claassen 3,

J. F. Collins 25,

H. L. Clark 53,

S. H. Camp 63, 107.

A. H. Curtis 169.

A. Dugès 6, 102, 122, 138, 148, 161, 162, 194.

A. Davidson, 54, 64, 161.

C. R. Dodge 66.

Alice Eastwood 51,

W. W. Eggleston 65,

M. L. Fernald 21.

Kate Furbish 48,

A. J. Grant. 9, 53, 56, 63,

J. M. Haskell, 9.

F. H. Harford 54,

F. L. Hawes 56,

C. V. Hartman 71, 110, 113,

L. F. Henderson 134,

e)

T. & G.

(or *virginicus*)

(near *Tridacanti*)

(destitute of rays)

leaves)

(lavender, disk purplish)

Q. (?) (growing with *diffusus*)

rod. from New Jersey.)

37. *Galatella hypsopifolia*, Nees = *Aster hypsopifolius*, L.

W. 1  
 Ed. 3  
 M. E. P. 4  
 A. Dugis 6  
 J. Macom 3  
 S. B. Parish 1  
 A. J. Grant 9  
 G. L. Perry 9  
 H. N. Patterson 1  
 J. J. Ball 5  
 J. 32  
 H. N. Patterson 1  
 C. V. Piper 36  
 M. E. Palmer 44  
 W. F. 75  
 C. V. Piper 46  
 B. L. 11

M. E. P. 4  
 M. E. P. 51  
 M. A. Stone 53  
 A. J. Grant 58

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

A. S. Hitchcock 199  
 M. E. Jones 44  
 L. Jared 162  
 Mrs. Loring 46  
 F. E. Lloyd 97  
 Carl Lumboltz 112  
 J. H. Lamb 149  
 J. Macom 6  
 G. S. Miller 54  
 J. M. Macom 66  
 J. G. Needham 10  
 A. Nelson 106, 197  
 S. B. Parish 4, 9, 63, 125, 193  
 G. L. Perry 9  
 H. N. Patterson 3, 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  
 J. L. Stevens 40

Plants from W. C. Werner.

Columbus, Ohio.

Nov. 1891.

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

*linearis*, Nees.

W. A. Stiles 53,

Mrs. D. H. Sheldon 122.

ca)

J. 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,

John Wolf 57.

— (near *Tradescautii*)

'destitute of rays)

leaves)

& lavender, disk purplish)

v.

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 $\frac{1}{2}$ . " *patens*, Ait. v. *phlogifolius*, Nees.  
 21. " *ericoides*, R.  
 21 $\frac{1}{4}$ . " " (rays purple)  
 21 $\frac{1}{2}$ . " " v. *villosus*, J. & G.  
 22, 22 $\frac{1}{4}$ , 22 $\frac{1}{2}$ . " *multiflorus*, Ait.  
 23. " *vimineus*, Lam.  
 24. " *vimineus*, Lam.  
 24 $\frac{1}{4}$ . " *diffusus*, Ait.  
 24 $\frac{1}{2}$ . " " "  
 24 $\frac{3}{4}$ . " " " (near *vimineus*)  
 25 & 25 $\frac{1}{4}$ . " *Tradescanti*, L.  
 26. " *paniculatus*, Lam. (near *Tradescanti*)  
 26 $\frac{1}{4}$ . " " (almost destitute of rays)  
 27 $\frac{1}{4}$ . " " (small leaves)  
 27 $\frac{1}{2}$ . " " (rays pale lavender, disk purplish)  
 28,  $\frac{1}{4}$ ,  $\frac{1}{2}$ . " "  
 29. " *salicifolius*, Ait.  
 30,  $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ . " *paniculatus*, Lam.  
 31. " "  
 32. " *salicifolius*, Ait.  
 32 $\frac{1}{4}$ ,  $\frac{1}{2}$ ,  $\frac{3}{4}$ . " *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.

- "w." *Carex teretiuscula*, 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 dasycephalum*, 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*, Mitt.  
2174. *Cuscuta salina*, Engelm.  
2200. *Meibomia affinis*, Greene.  
2224. *Lactuca Canadensis*, R.  
2231. *Tellima affinis*, Bolander. (with bulblets)  
2240. *Begia Texana*, Seub.  
2243. *Andropogon saccharoides*, Swg.  
2245. *Chrysopsis villosa*, Mitt., v. *echinoides*, Gay.  
2246. *Echinodorus rostratus*, Engelm.  
2249. *Quercus* ~~*Engelmannii*~~ <sup>*oblongifolia*</sup>, = *Engelmannii*, Greene(?)

2263. *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. *Asasackea 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. *Govenia brevilabris*, Rehb. f.  
 74. *Justicia furcata*, Jacq.  
 77. *Tetramerium hispidum*, Nees.  
 ! 78<sup>C</sup>. *Jacobinia paniculata*, Oerst, ex char. !  
 78<sup>B</sup>. *Sibonia (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*, Ort.  
 ! 257<sup>B</sup>. *Dalea phymatodes*, Willd., ex char.  
 ! 266<sup>A</sup>. *Phorodendron corynanthron*, Eich. & ex char.  
 269<sup>B</sup>. *Nesaea salicifolia*, HBK.  
 280. *Malva viscus arboreus*, Cav.  
 ! 281. *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.

- Dasypleura Weddeleri*, Watson. "Jotal"  
*Cuscuta tinctoria*, Mart. "Zacatlaxcal."  
*Ehretia Mexicana*, Watson. "Capulin blanco"  
*Malvastrum acrifolium*, Presl. "Monacillo blanco."  
 " *arborescens*, Cav. "Chilito Colorado."  
*Cenotheca bicolor*, L. "Licenciada"  
*Buddleia Humboldtiana*, R. & S. "Lepozan blanco."  
*Senecio praecox*, DC. "Candelero" )  
*Bidens odorata*, Cav. "Candelilla" )

(seeds & fruit)  
 fruit)

i. Gay.

chl., ex Char.  
 Louis, Mill. Ag.

& super u & B = *Polypodium thyrsanolepis*, A. Braun.  
 "Candoma" = *Phycopcia 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.

- "Naranjillo" = <sup>*B. Dugesii*, n. sp.</sup> *Alex-rubra*, Watson, var. - (pubescent beneath & more above)
- "Ahuacatillo" = *Garrya Fadyeni*, Hook. (?) (Poor spec. in fruit)
- "Acámbaro" = *Vernonia Alamani*, DC.
- "Acetitilla" = *Bidens exaristata*, DC.
- "Composilla" = *Tridax trifida*, Gay, v. *alboradiata*, Gay.
- "Anisillo" = *Taraxacum micrantha*, Cav.
- "Gonolobus? Erianthus" = *Gonolobus uniflorus*, HBK.
- ! "Viscum??" = *Phorodendron conynarthron*, Eichl., ex Cham.
- "Euphobiace" = *Euphobia campestris*, C. & S., v. *esultaeformis*, Mill. Arg.
- "Morus sp?" = *Morus rubra*, L.
- de "Serris de Sirena" *Salix taxifolia*, HBK.
- "Tillandsia Dugesii" = *Tillandsia Parryi*, Baker.
- "Graminis A" = *Bouteloua Harvardii*, Vasey.
- "Fougère A & B" = *Polypodium thyrsoideum*, 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. *Echinosperrum diffusum*, Lehm.  
 Aug. 11. " "  
 July 21. *Amsnickia lycopsoides*, Lehm.  
 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. 9

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. " ~~*salicifolia*, Ait. *fradescanti*, L.~~
16. " ~~*salicifolius*, Ait. *subasper*, Gray.~~

## Plants from John Wolf, 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*, Gray.  
" *Tradescanti*, L.
18. *Aster ericoides*, L., v. *villosus*, T. & G.
18. " *diffusus*, Ait., v. *bifrons*, Gray.
19. " *paniculatus*, Lam.
20. " " "
21. " " "
22. " " "
23. " *Novi-Belgii*, L.
24. " *paniculatus*, Lam.
25. *Muhlenbergia sobolifera*, Trin.
26. " *Willdenovii*, Trin.

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

- |                 |   |
|-----------------|---|
| 1 <sup>a</sup>  | <i>Aster sagittifolius</i> , Willd.                   |
| 2 <sup>a</sup>  | " " "   |
| 3 <sup>a</sup>  | " <i>paniculatus</i> , 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>  | " <i>salicifolius</i> , Ait., v. <i>subasper</i> , G. |
| 10 <sup>a</sup> | " " "   |
| 11 <sup>a</sup> | " <i>cordifolius</i> , L.                             |

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

*Aster cucoides*, v. *Fraxinifolius*, Gray.  
*Silene pinnatifida*, Nutt.

from Garden. Dec. 5, '92

*Epidendrum diffusum*, 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., *A. 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 bronchialis*, L.  
 58. " *debilis*, Engelm.  
 111. *Gayophytum racemosum*, Torr. & Gray.  
 86. " *ramosissimum*, Torr. & Gray.  
 9. *Mentzelia 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.C.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. (128?) " "  
 129. " *Caulteri*, Porter.  
 120. " *grandiflorus* Hook., v. *elation*, Gray.  
 42. " *glabellus*, Nutt., v. *mollis*, Gray.  
 97. " *glabellus*, Nutt.  
 93. " *salsuginosus*, Gray, v. *glacialis*, Gray.  
 124. " *uniflorus*, R.  
 135. *Grindelia squarrosa*, Dunal.  
 29. *Hieracium albiflorum*, Hook.  
 94. { *Hieracium gracile*, Hook.  
 " " v. *detosum*, Gray.  
 127. *Madia glomerata*, Hook.  
 53. *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., *W. 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. " *Quamoclit*, 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. *caerulea-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. *Arceuthobium 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. *Woodsia 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. *Eleocharis argentea*.
14. *Aster Sibiricus*, L.
15. *Aquilegia flavescens*, Wats.
16. *Lygadium 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. *Corallorhiza 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. *Ledum latifolium*, Ait.
37. *Adoxa moschatellina*, L.
38. *Primula farinosa*, L.
39. *Woodсия gloensis*, R. Br.
40. *Monotropa uniflora*, L.
41. *Potentilla fruticosa*, L.
42. *Pinguicula vulgaris*, L.
43. *Eriogonum philadelphicum*, L.

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

! *Sparganium glabra*, Mill. by Chas.

*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 imbricatum*, L.  
*Woodsia Slovensis*, R. Br.  
*Aspidium Sprinulosum*, v. *dilatatum*, Hook.  
*Abies alba*, Link. (abnormal cones)  
*Stipa Macounii*, Scribn.  
*Elymus mollis*,  
*Sporobolus scitricus*, 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*, Swf.  
     "  
     "    *pelocarpus*, L. Nees.  
     "    *filiformis*, L.

- Juncus Greenii*, Oakes & Tuck.  
*Polygonum ophioglossoides*, Nutt.  
*Calopogon pulchellus*, R.Br.  
*Microstylis ophioglossoides*, Nutt.  
*Habenaria tridentata*, Hook.  
     "    *fimbriata*, R.Br.  
*Maianthemum Canadense*, Desr.  
*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* <sup>presinosa.</sup> ~~frondosa.~~ J.G.  
 " *acumosa.* J.G.  
*Rhododendron* *Rhodora.* Don.  
*Lobelia Dortmanna.* L.  
 " *cardinalis.* L.  
*Anseris* *pusilla.* Gaertn.  
*Bidens* *cernua.* L.  
*Solidago* *puberula.* Nutt.  
 " *Canadensis.* L.  
 " *reflexa.* v. *linoides.*  
*Aster* *neuroalis.*  
 " *acuminatus.*  
 " *paniculatus.* L.  
 " *Novi-Belgii.* L.  
*Viburnum* *dentatum.* L.  
 " *Centaureoides.* Mx.  
*Galium* *trifidum* v. *pusillum.* Gray.  
*Hydrocotyle* *Americana.* L.  
*Sium* *cicutacifolium.* Grmelin.  
*Epilobium* *lineare.* Muhl.  
*Decodon* *verticillatus.* Ell.  
*Myriophyllum* *verticillatum.* L. ? (fide Nees) "  
*Cellitriche* *renea.* L. "  
*Proserpinaca* *palustris.* R.  
*Hamaulid* *Virginiana.* R.  
*Drosera* *intermedia.* v. *Americana.* DC.  
 " *rotundifolia.* L.  
*Elyssopleurium* *Americanum.*  
*Ribes* *nigrum* *flouideum.*

- Rosa lucida* Ehrh.  
 " *nitida*, Willd.  
 " *humilis*, Marsh (?)  
*Cynus laubucifolia*, Cham & Schl.  
 " *albutifolia*, Lf.  
*Prunus serotina*.  
*Crataegus coccinea*.  
*Amelanchier Canadensis*.  
*Lathyrus palustris* L.  
*Ilex verticillata*.  
*Neomophanes fasciculans*.  
*Lilia Europaea* R.  
*Malva alcea*. L.  
*Hypericum Canadense*.  
 " " *v. majus*.  
*Elatine Americana*.  
*Buda borealis*, Wats.  
 " *marina*, Dum.  
*Viola pinnatifolia* L.  
 " *blanda*. V, *palustrifolia*.  
*Leechia 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 caucaseus*, 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*, T. & G.
9. *Juncus Primus*, L.
10. *Acalypha Virginica*, L., v. *gracilis*, Muell.
11. *Polygonum acre*, A. B. K.
12. " *aviculare*, L.
13. " *rauosissimum*, Mx.
14. *Cheopodium murale*, L.
15. *Spinacea oleracea*, L.
16. *Amarantus ~~lypsaceus~~ Lcheaestachys*, Willd. v. *hybridus*, Watson.
17. " *blitoides*, Watson.
18. *Lycium divinum*
19. " "
20. " "
21. *Cheopodium album*, L.
22. *Rosa lucida*, Ehrh.
23. *Lechea minor*, L., v. *maritima*, Watson.

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

*Hedera Helix*, L.

*Duplemmum protractum*, Link.

*Scandix Pecten Veneris*, L. (293)

*Unucelifer* sp - (181)

*Daucus muricatus*, L.

*Bryonia dioica*, Jacq. (115)

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

*Crucifera 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)

*Fijolium angustifolium*, L. (264)

" *stellatum*, L.

*Vicia sativa*, L. (176)

*Medicago denticulata*, Willd.

*Fotus creticum*, L. (22)

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

*Genista unifolia*, L.

*Fijolium hybridum*, L. ?

" *procumbens*, L.

- Adysarum capitatum*, Dref. (65)  
*Cytisus triflorus*, L'Her.  
*Pistacia lentiscus*, L. (18, 107).  
*Vitis vinifera*, L.  
*Geranium rotundifolium* (287)  
*Opalis cornua*, Themb. (7)  
*Linum catharticum*, Huds.  
*Marva sylvestris*, L.  
*Malope macracoides*, L.  
*Ravatera trimestris*, L. (178)  
*Hypericum perforatum*, L. (157, 297.)  
*Silene Gallica*, L. (87)  
 " *cinerea*, Dref. (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.  
*Capraei hybridum* L. (302, 195)  
 " *Jurvicolum*, Boiss (183)  
*Ranunculus trilobus*, Desf.  
 " *Chaerophyllus*, L. (11)  
 " *acris*, L. (97)  
 " *aquaticus*, L. (114)  
*Ranuncione palmata*, L.  
*Ranunculus muricatus*, L. (187)  
*Nigella Hispanica*, L. v. *intermedia*, Cass. (284)  
 " *Damasena*, L. (263)  
*Cotyledon Hispanica*, L.  
 " " var. *Salzmanii*, Ball. (238)  
*Sedum hispidum*, Desf.  
*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.  
*Zaissa viscosa*, L. (160)

- Anarrhinum pedatum*, Dref. (294)  
*Sinaria ventricosa*, Cass? (183)  
*Antirrhinum majus* L. (80)  
 " *Orobanchium*, R. v. *grandiflorum* Char. (78)  
*Triquera ambrosiaca*, Cav.  
*Calystegia sepium* L. (232)(233)(239)  
*Convolvulus althaeoides* R.  
 " *tricolor*, R. (239)  
*Cuscuta planiflora*, Ten. (247)  
*Echium angustifolium*, Lam. (232)  
*Synfloecum pictum*, Ait. (231)  
*Seriphite major*, Lam. (192)  
*Ruchusa undulata*, R.? (57)  
*Chloea perfoliata*, R. 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. (255)(145)  
*Armeria mauritanica*, Wahl. (202)(101)  
*Statice Thouini*, Viv. (272)  
 " *sinuata* 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)  
*Odontospermum 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.  
*Bichorium 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, 113)  
*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)  
*Fisetum panicum*, Lam. (221) (257)  
*Festuca arundinacea* Schreb. (111)  
*Cynosurus echinatus*, L. (219)  
*Eleocharis palustris*.  
*Chamaerops humilis*, L. (62)  
*Ornithogalum 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)  
*Iucisus humilis*, Lam. (309)  
*Urtica pilulifera*, L.  
*Aristolochia longa*, L. (292)  
*Rumex thyrsoides*, Desf. (259)  
 " *bicephalophorus*, L. (23, 27.  
*Polygonum maritimum*, L.  
*Cherophodium murale*, L.  
*Paeonychia argentea*, Lam.

C. O. Piper. Seattle, Wash.

Determined Feb. 23, 1893.

242. *Sidalcea Oregana*, Gray.  
 723. " *glaucescens*, Greene.  
 1132. *Mniophyllum spicatum*, L.  
 676. *Aucaphalis margaritacea*, B. & H. (usually rust)  
 1130. *Epilobium Hallianum*, Haussk (fide Fernald)  
 990. *Carex Sitchensis*, Prescott.  
 991. " *riparia*, Curtis.  
 1005. " *cryptocarpa*, C. A. Meyer.  
 1099. *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 (putaps pauciflorum) 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. *Aemulauchus Canadensis*.  
 31. *Bidens comata*, var. *comosa*, Gray.  
 32. *Galactia filosa*, L.  
 33. " "  
 34. *Bidens cernua*.  
 35. *Aster vicinensis*, Lam.  
 36. *Bidens comata*.  
 37. *Oxybaphus myctafinens*.  
 38. " *albidus*, Brect.

39. *Rosa humilis*, Muhl.  
 40. *Lilium Superbum* (possibly v. *Carolinianum*)  
 41. *Oenothera biennis* L.  
 42. *Spiranthes praecox*, Nutt.  
 43. *Corallorhiza innata*.  
 44. *Lespedeza violacea*.  
 45. *Utricularia fraudiflora*, Smith.  
 46. *Leptidium intermedium*.  
 47. *Lespedeza reticulata*, Pers.  
 48. *Cyrtanthus 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, Igouawka Ill. Mar. 2, 1893.  
 Colo. Plants not in regular Set.

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

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

1. *Aster juniceus*, near var. *laevicaulis*.  
 2. " *palyphyllus*, Willd.  
 3. " *longifolius* Lam.  
 4. " *Ludleyanus* F. & G.  
 5. " *juniceus*. 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. " *scopulorum*, 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. *Jedua 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*.  
 104. *Centaureus Douglasii*, Lindl.  
 105. " *coccinea*, L.  
 109. *Spiza tetraloplia*, var. *corymbosa*.  
 16. *Geranium 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 Sitchensis*.  
 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. " *cernuum*, 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. *Ammanium humilis*, Wt.  
 85. *Lysimachia thyrsiflora*, L.  
 86. *Pentstemon Menziesii*, Hook.  
 90. *Stephanomeria paniculata*, Nutt.  
 91. &c. *Aster canescens*, Pursh.  
 93. " *Eufelmannii*, Gray.  
 95 &c. *Eigeron filifolius*, Nutt.  
 702. *Othocarpus hispidus*, Benth.  
 03. " " "  
 05. *Monardella odoratissima*, Benth.  
 06. *Caucalis microcarpa*, Hook.



710. *Pentstemon triphyllus*, Dougl.  
 11. " *venustus*, Dougl.  
 12. " *ovatus*, Dougl.  
 13. " *deustus*, Dougl.  
 15. *Astrucia Ludoviciana*, Nutt.  
 16. *Microseris nutans*, Gray.  
 20. *Aster campestris*, Nutt.  
 24. *Madia dissitiflora*, Torr. & Gray.  
 24. *Astrucia 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. *plabata*, Gray.  
 35. *Arnica alpina*, Olin.  
 44. *Epilobium adenoaulon*, 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* ~~perma~~ <sup>meria</sup> *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. " *vicissim*
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. *Nyctelia 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. *Hesperis 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 naschatus*.  
 36. *Gentiana Oregona*.  
 37. " *affinis*, Gussb.  
 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*, Nutt.  
 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. *Sisyminchium grandiflorum*, Dougl.  
 80.

May 23, 1893.

## Plants from Marcus E. Jones, Salt Lake City.

- "*Oenothera Johnsonii*?" = *O. brachycarpa*, Gray.  
 "*Eriogonum* ~~frondosum~~ *frondosum*, Wt?" = *E. frondosum*, Nutt.  
 "*Peucedanum latiseptatum* Jones" = *P. albidum*, Nutt.  
 " " *dolium* Jones" = *P. miser*, Gray.  
 " " *Parrisi*, Gr., var. *imberbis*" = *P. acuminatum*, Dougl.  
 "*Xyritzia floribunda* Jones n. sp." = *X. pinnata*, Gray.  
 "*Phacelia salina* Jones n. sp." = *P. Parishii*, Gray.  
 " " *demissa*?" = *P. demissa*.  
 ! *Eummevante 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  
*Eriogonum Eatonii*, Gray.  
 "*Bigelovia depressa* Gray?" = *B. depressa*, Gray.  
*Eriogonum ciliatum*,  
 "*Eriogonum ciliatum* n. sp." = *E. nevadensis*, var. *pygmaeus*  
 " " *nevadensis*?" = *E. caespitosum*, Nutt.  
 " " *caespitosum*, Nutt." = *E. tenax*, Gray.  
 "*Aster venustus* Jones type" = *A. Wrightii*, Gray.  
 "*Townsendia scapifera*" = *T. florifer*.  
 "*Cymopterus Parrisi* Jones" = *Celoptera Parrisi*, C. R.

- "*Cymopterus Newberryi* (Wat) Jones" = *Coloptera*  
 "Potentilla 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. Gray.  
 " "*Thompsonia* Mat?" is a plant approaching  
~~*Ericaceae* & *Purshii*~~, but pods not so well dev.  
 " "*Joanus* Jones n. sp." seems a good species.  
 " "desperatus, Jones" " " " "  
 The unnamed plant from Mescal Mts, is *Dodonaea viscosa*.  
 "*Thelypodium elephas*, Jones n. sp." may be a good species,  
 but is near sagittatum!  
 "*Cymopterus Itapensis* Jones type"  
 "*Eremocrinum albomarginatum* Jones" is a good  
 new species belonging to the genus *Athericum*.

May 29. 1893.

For Prof. F. C. Leese.

*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. *Viburnum dentatum*,  
 136. *Aster diffusus*.  
 128. " *cordifolius*.  
 98. *Verbena hastata*.  
 98½. *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. *Neomaphanthus fascicularis*.  
 122. *Solidago laucoolata*.  
 126. *Solidago sempervirens*.  
 127. *Lycopodium complanatum*.  
 128. *Aster dumosus*.  
 71. *Juncus effusus*.  
 72. *Lysimachia stricta*.  
 73. *Viburnum cassinoides*.  
 75. *Pogonia ophioplossoides*.  
 76. *Eriophorum gracile*.  
 77. *Melampyrum Americanum*.  
 78. *Genista tinctoria*.  
 79. *Aralia hispida*.  
 110. *Cypripedium pubescens*.  
 111. " *acaule*.  
 112. *Guardia purpurea*, var. *laevirens*.  
 113. *Goodyera pubescens*.  
 137. *Aster acuminatus*.  
 85. *Rastrotium 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. " Corymbosus,  
 35. " Novi-Belgii.

Miss Furbish. Sept 25, 1893.  
*Pieris cecilioides*, 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 *Coccoloba 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 *Androsace fulgida*, Ait.  
 128 " *speciosa*, Wend.  
 121 *Lactuca pulchella*, DC.  
 90 *Centauria 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. (Take the liberty of passing a list for locality.)
- 143 *Lonicera Sullivanii*, Gray.
- 93. Dr. Gray has marked a similar specimen *hirsuta*, approaching *glauca*
- 96½ *Lonicera hirsuta*, Eaton.
- 96 " " " "
- 97 " *Sullivanii*, Gray
- 94 { " *hirsuta*, Eaton
- " *oblongifolia*, Muhl.
- 95 " *glauca*, Hill.
- 120 " " " "
- 119 " " " "
- 118 " " " "
- 99 *Labelia leptostachys*, AdC.
- 98 " *spicata*, Lam.
- 100 " " " "
- 101 " *leptostachys* AdC.
- 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 Netherillii*, 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.  
*Attilia 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*, Fou.

*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. *minutiflora*, Wats.

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

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

"*Oenothera cardiophylla*, Fou" 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*, Fou.

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

*Drosera Neo-Mexicana*, Gray.

*Asclepias cryptoceras*, Watson.

*Asclepiadota decumbens*, Gray.

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

*Polygonum inaequalis*, Gray.

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

"*Eremocentrum 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 scaberrima*, Eastwood.

From N. A. S. H. S. Oct. 7, 1893.

*Taraxacum tenuifolia*, Cav.

For M. Cameron. " "

*Carex 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. *Arachera cylindrica*, Dougl., var. *alpina*, Wats.

11. *Lupinus sericeus*, Pursh.

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 Nevii*, 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. *Cisofonium ovalifolium*, Mott., var. *prolificum*, Wats.
30. *Meibomia alpina*, Don.
31. *Phlox Douglasii*, Hook.
32. *Dodecatheon affreyi*, var. *alpinum*.  
*Lilium Rossingianum*, Kell.

(2) Collected by F. J. Jingle

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

9. *Dalmania tiberiasum* L.  
 10. *Sponaea Mexicana*, Gray.  
 11. *Sponaea Mexicana*, Gray.  
 12. *Sponaea Mexicana*, Gray.  
*Casmos bipinnatus*, L.

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*, pubescens

*Aster tardiflorus*, L.

" *salicifolius*, Ait.

No. 8-K 11, 1898.

From John Kalf, 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, ~~Walt.~~
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 *vivianus*.  
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. *Haustronia purpurea*, R.  
 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. *Urosicium altissimum*, Nutt., var. *grandiflora*, Gray.

414. *Mouada fistulosa*, R. too near bat. 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. " *clinopodioides*, L.
36. " " "
37. " " "
38.  *Mentha aurensis*.
39. *Guttiana 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 nevadensis*, 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.

- Sau Remardus & other plants from Parish.  
*Phacelia bicolor*, Ton.  
*Verbena urticifolia*, 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*, Frem. n. sp.  
 Dec. 7, 1893 -

for A. J. Grant, Johnson, Vt.

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

Dec. 21. 1893.

Plants from W. A. Davidson, Los Angeles.

2. *Triptanthus heterophyllus*, Nutt.
1. *Kauleia cristata*.
3. *Asaekia brachycarpa*, Benth ("Lotus trispicus, Greene")
4. *Astragalus Mokiaccensis*, 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. *Saxium triflorum*
4. *Salidago bigaurea*, var. *Rauidii*, P. A. S.
5. *Asteriscia bennis* + " *monticola* -
6. *Vitis aestivalis*
7. *Juncus Sabina* var. *procumbens*.
8. *Alnus incana* + *scandata*
9. *Aster salicifolius*.
10. *Aster laevis*.
11. *Solidago latifolia*.
12. *Helianthus debilis*, Nutt.
13. *Helopsis scabra*.
14. *Vaccinium Cean.* & 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. Maccom. (from Vancouver I)  
*Claytonia Chaucissonis* Esch. ....

Jan. 4. 1894.

Chas. H. 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 eminata*, var. *cephalantha*, Bailey
9. *Carex polytrichoides*, Muhl.
10. *Carex polytrichoides*, Muhl.
11. *Carex riparis*, Curtis.

12. *Carex striata*, Muhl.
13. *Carex Muhlbergii*, Schkuhr.
14. *Potamogeton perfoliatus*, var. *laucolatus*, Robt.
15. *Galium cucuzaus*
16. *Carex vulpinoidea*, Michx.
17. *Carex filiformis*, L., var. *latifolia*, Boeckl.
18. *Carex straminea*, Willd., var. *mirabilis*, Torr.
19. *Epilobium adnecaulon*, Haussk.  
*Carex straminea*, Willd.
20. *Juncus alpinus*, Willd., var. *viridus*, Fair.
21. *Carex straminea*, var. *brevis*, T. Mey.
22. *Cicuta maculata*, L.
23. *Carex Pseudo-Cyperus*, L., var. *Americana*, Hooker.
24. *Carex lurida*, Wahl.
25. *Eleocharis palustris*.
26. *Juncus nodosus*, L.
27. *Juncus tenuis*, Willd.
28. *Panicum xanthophysum*, Gray.
29. *Panicum dichotomum*, L.
30. *Carex retrosa*, Schwein.
31. *Dromus Kalmii*, Gray.
32. *Asopynum carinatum*, R. & S.
33. *Galium cucuzaus*.
34. *Aspidium marginale*, Bract.
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 rugeliana*, 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*, D. M.  
 53. *Rosa blanda*, Ait.  
 54. *Glyceria grandis*, Watson.  
 55. *Sporangium simplex*, var. *audocladum*, Eng.  
 56. *Ectocarpus serratus*, Gray.  
 57. *Rosa Canadensis*, L.  
 58. *Galium trifidum*, L.  
 59. *Carex polytrichoides*, Muhl.  
 60. *Calamagrostis Canadensis*, Beauv.  
 61. *Carex Grayii*, Carex.  
 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 purpureus*, Vahl.  
 74. *Potentilla recta*, L.  
 75. *Salix alba*, L., var. *caerulea*, Koch.  
 76. " " var. *vitellina*, Koch.  
 77. *Cupressus Gozmaniae*, 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*, Ait. (Romanian).  
 92. *Aquilegia caerulea*, Torr.  
 93. *Thermopsis rhombifolia*, Rich.  
 94. *Potentilla glandulosa*, Lindl.  
 95. *Castilleja linariaefolia*, Benth.

96. *Stellaria longipes*, Goldie.  
 97. *Sampsonia rotundifolia*, var. <sup>prostrata</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 Pinus*, L.  
 109. *Suaeda concolor*, Griseb.

June 25-27, 1894. J. S. Braudette.

Plants from Dove, California.

*Microstylis ophioglossoides*, Nutt.

" *corymbosa*, Wats.

*Aethusa rosea*, Bth.

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

" *Huberi*, Gray.

" *clypeata*, Lindl. Ex char.

" *diffusa*, R. & G.

" *Lucasaeensis*, Fernald, n. sp.



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

Plants of the Lumboldt Expedition collected  
by C. V. Hartman  
Sonora, 1890.

1. *Sium angustifolium*, L.
2. *Cnicus Wrightii*, Gray.
3. *Alternanthera aegyptiaca*, R. Br.
4. *Philibertia cyanochoides*, Desv., var. *subtruncata*, Rob. & Fern. <sup>H. B. K.</sup>
5. ~~*Quercopsis*~~ <sup>H. B. K.</sup> *Houttuynia Californica*, Benth.
6. *Abutilon incanum*, Don.
7. *Iresine celosioides*, L.
8. *Porophyllum Secuami*, Sch. Bip.
9. *Jacquinmontia Pinzlerii*, 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*, H. B. K.
20. *Stipa flexuosa*, Vasej.
21. *Jragia 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 Eluebeigiana*, Holzsch.  
 30. *Dactyloctenium Humboldtianum*, Griseb.  
 31. *Rhus cuneata*, Lindl.  
 32. *Hibiscus Coulteri*, Gray.  
 33. *Juniperus* - sp.  
 34. *Thesperma gracile*, Gray.  
 35. *Ingenhousia triloba*, DC.  
 36. *Gomphrena Sonorae*, Torr.  
 37. *Cyperus Schweinitzii*, Torr.  
 38. ~~*Pluchida badrata*, Jacq.?~~  
~~*Mercurialis oblongifolia*, Torr.~~  
 39. *Cassia Wislizenii*, Gray.  
 40. *Polygala scoparia*, A. N. S.  
 41. ~~*Euphorbia corollata*, DC.~~ = *Sesbania macrocarpa* Muhl.  
 42. *Oregia Wrightii*, Gray.  
 43. *Salvia Scorodoniaefolia*, Torr.  
 44. *Malvastrum Thunbergii*, Gray, var. *latiflorum*, 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.  *Sapiindus 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. *Distourea viscosa*, L.
- 85. *Panicum colomum*, L.
- 86. *Aristida Schiediana*, Trin.
- 87. *Andropogon hutiflorus*, Rth.
- 88. <sup>Ch</sup>*Crepisopogon mutans*, Rth.
- 89. *Bouvardia triphylla*, Salisb.
- 90. *Porophyllum macrocephalum*, DC.
- 91. *Elytaria 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*, Paddenii.
- 99. *Panicum inaequalis*, Gray.
- 100. *Ingenhousia triloba*, DC.
- 101. *Hedeoma Drummondii*, Benth.
- 102. *Rhus Toxicodendron*, L.
- 103. *Euphorbia colorata*, Engelm.
- 104. *Zinnia parviflora*, L.
- 105. *Heteranthera limosa*, Vahl.
- 106. *Prunus salicifolia*, G.P.K.
- ✓ 107. *Eclipta alba*, Vaseh.
- 108. *Solanum tuberosum*, L.

- 109. *Elytraria tridentata*, Vahl.  
 110. *Hymenothrix Wrightii* Gray.  
 111. *Gilia Pringlei*, Gray.  
 111a. " *multiflora*, Nutt.  
 112. *Chilopsis saligna*, Don.  
 113. *Bidens leucantha*, DC.  
 114. *Tirantia jugosa*, Schreb.  
 115. *Crucsea Wrightii*, Gray.  
 -116. *Eysenhardtia obtusiceps*, Watson.  
 117. *Phaseolus Wrightii*, Gray. 117a. *P. retusus*, Benth.  
 118. *Dalea diffusa*, Moric.  
 119. *Euscuta Americana*, L.  
 120. *Cheilanthes Lindheimeri*, Hook.  
 v 121. *Thalictrum Fendleri*, Gray, var. *Wrightii*, Gray.  
 -122. *Cedronella Mexicana*, Benth.  
 -123. *Clematis Drummondii*, Torr. & Gray.  
 124. *Guardiola platyphylla*, Gray.  
 v 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.  
 v 133. *Dalea Humboldtii*, Rob. & Fern. n. sp.  
 -134. *Dalea albiflora*, Gray.  
 135. *Mimosa malacophylla*, Gray.  
 136. *Adolpha infesta*, Meisn.

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. *Pygmaea glochidiata*, HBK.  
 149. *Spiranthes Madrensis*, Benth. & Hook.  
 -150. *Castilleja aurensis*, Cham. & Schl.  
 -151. *Tecoma stans*, Juss.  
 152. *Pissiflora inamena*, Gray.  
 153. *Vevesia exceloides*, Benth. & Hook.  
 154. *Platanus Wrightii*, Watson.  
 155. *Caesalpinia fulcheriana*, Eraty.  
 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. *Costella* ~~*Chytia*~~ *cordata*, Presl. ex char.  
 166. *Euphorbia heterophylla*, L.  
 167. *Gonovia scandens*, L.  
 168. *Echinocephalus Wrightii*, Cogn.  
 169. *Ceanothus bicolor*, L., var. *gaudiflora*, Lindl.  
 170. *Panicum bulbosum*, HBK.  
 171. *Notholaena genuinea*, Hook.  
 172. *Jatropha cardiophylla*, Muell.  
 173. *Eupatorium pycnocephalum*, Less.  
 v 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.  
 v 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. *Ancistranthus Thurberii*, Gray.  
 195. *Ipomoea leptotoma*, Torr.?  
 196. *Ipomoea* <sup>*castellata*</sup> ~~*leptotoma*~~, Torr.  
 - 197. *Aippia purpurea*, Jacq.  
 198. *Bidens heterophylla*, Tuckerm.  
 - 199. *Stemodia surantifolia*, Swartz.  
 200. *Oxalis Wrightii*, Gray.  
 - 201. *Abutilon incanum*, Don.  
 202. *Hibiscus Coulteri*, Gray.  
 203. *Plumbago scandens*, L.  
 - 204. *Dodonaea viscosa*, L.  
 205. *Nicotia Schottii*, Gray.  
 206. *Scaevola calycacantha*, L.  
 207. *Philibertia linearis*, Gray.?  
 ! 208. *Ipomoea spongiosa*, Rob. & Fern., n. sp. med.  
 209. *Metastelma Arizonicum*, Gray.  
 210. *Aposanthera 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 pterata*, R.  
 216. *Pectis longipes*, Gray.  
 217. *Ficus Galiscaua*, Watson.  
 218. (leaves only)  
 219. *Hiraea macroptera*, DC.  
 220. *Micostema trigonophylla*, Don.



- ✓ 221. *Fuaelichia alata*, Watson.  
 ! 222. *Leptocarpus Arizonicus*, Gray, var. *pubescens*, Rob. & Fern. n. var.  
 223. *Waltheria detonsa*, Gray.  
 - 224. *Santana involucrata*, L.  
 225. *Eriogon delphinifolius*, Willd.  
 226. *Trigonotis spinescens*, HBK.  
 227. *Antigonon leptopus*, Holl.  
 8. *Karwinskia Humboldtiana*, Trece.  
 - 9. *beckesia excelsoides*, DeCather 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. *Dioliptera resupinata*, Jess.  
 - 8. *Notholaena ferruginea*, Hook.  
 9. *Abutilon Beilandi*, Gray.  
 ! 240. *Esenbeckia Hartmanii*, Rob. & Fern. n. sp.  
 1. *Olneya tesota*, Gray? <sup>?</sup>  
 - 2. *Xanthoxylum pterota*, L.  
 3. *Solanum tectum*, Pers.  
 4. *Perezia Thackeri*, Gray.  
 ! 5. *Crossosoma <sup>parviflora</sup> ~~flaviflora~~*, 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. *Ernanis tomentosa*, Jacq.
- ✓ 9. *Cheilanthes Pringlei*, Davenp.
- ✓ 200. *Sporobolus asperifolius*, N. & M. ?
- ✓ 1. *Eriodendron acuminatum*, Wats. (petioles very pubescent)
- 2. ~~*Cheilanthes micropetala*, Swz.~~  
~~*Notholaena nivalis*, Desv.~~
- 3. *Fragaria pistaciaefolia*, Torr.
- ✓ 4. *Muhlenbergia dumosa*, Scrib.
5. *Bursera gagaroides*, Engler.
- 6. *Acacia filicina*, Willd.
- 7. *Notholaena nivalis*, Desv.
- ✓ 8. *Sponaxa spongiosa*, Rob. & Fern., n. sp. - med.
- 9. *Loeselia 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. *Coumania Mexicana*, Don.

- 277. *Anisacanthus Thurberi*, Gray.  
 8. *Acacia constricta*, Benth.  
 9. *Iresine celosioides*, L.  
 280. *Dalea laevigata*, Gray.  
 1. *Gaudichaudia filipendula*, Juss.  
 2. *Parkinsonia aculeata*, L.  
 3. *Cassia Covresii*, Gray.  
 4. *Solonum elaeagnifolium*, Cav. <sup>not in Mexico</sup>  
 5. *Erigeron delphinifolius*, Willd.  
 6. *Baccharis theoides*, HBK.  
 ! v 7. *Sedum dumholti*, Rob. & Fern. n.sp.  
 ! - 8. *Mimulus dentilobus*, Rob. & Fern. n.sp.  
 v - 9. *Mimulus glabratus*, HBK. var. *adscendens*, Gray.  
 v 290. *Aster exilis*, Ell.  
 v 1. *Samolus Valerandi*, L., var. *repens*, Prandeger.  
 2. *Adiantum capillus-veneris*, L.  
 3. *Asplenium Tichoumaes*, L., var. *repens*, Davenport.  
 4. *Celtis reticulata*, Torr.  
 5. *Inula* sp.  
 ! v 6. *Leptozma Arizona*, Gray, var. *pubescens*, Rob. & Fern. n.var.  
 7. *Eupatorium pauperculum*, Gray.  
 - 8. *Notholaena nivea*, Desv.  
 - 9. *Castilleja tenuiflora*, Bth.  
 300. *Chilanthus tenuiflora*, Gratz.  
 1. *Tithonia fruticosa*, <sup>Cavendish</sup> Rose.  
 v 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.  
 310. *Selaginella lepidophylla*, Spr.  
 1. *Loranthus spirostylis*, DC. ex Char.  
 - 2. *Salvia elegans*, Vahl.  
 3. *Sedum Glaucosarum*, Watson.  
 - 4. *Stachys coccinea*, Jacq.  
 5. *Juncus grisea*, Liebm.  
 - 6. *Juncus cilioides*, L.  
 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 hypnoides*, Nutt. & Gal.  
 4. *Rhus Schiediana*, Schl.  
 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. *Brickellia Wislizeni*, Gray, var. *laucolata*, Gray.  
 4. *Perezia montana*, Rose.  
 5. *Desmodium linearifolium*, D. C.  
 6. *Juncus fulva*, Liebm.  
 7. " " "  
 8. *Juncus oblongifolia*, Torr. var.  
 9. *Rhamnus Californicus*, var. *tomentella*, Gray.  
 340. *Arcuthabium* sp.  
 1. *Polypodium thysanolepis*, A. Br.  
 2. " " "  
 ! 3. *Juncus crassifolia*, HBK. ex char.  
 4. " " "  
 ! 5. *Juncus crassifolia*, HBK. ex char.  
 6. *Polypodium laucolatum*, L.  
 7. " " "  
 8. " " "  
 9. " " "  
 340.  
 1. " " "  
 2. *Juncus* sp.  
 3. " " "  
 4. *Acrostaphylos pungens*, HBK.  
 ! 5. *Aneximia tomentosa*, Gratz, var. *fulva*, Hook. & Baker.  
 6. " " "  
 ! 7. *Pteris aquilina*, L.  
 8. *Pseudotsuga Douglasii*, Can.  
 9. *Eryngium Deppeanum*, Schl.

351. *Chimaphila maculata*, Pursh.  
 2. *Polygala scaparia*, A. N. S.  
 - 3. *Gerardia Wrightii*, Gray.  
 4. *Rhynchospora californica*, var. *tomentella*, Gray.  
 5. *Aureumia tomentosa*, Swartz, var. *fulva*, Hook. & Baker.  
 6. *Juniperus mexicana*, Schiede.  
 7. *Pellaea atropurpurea*, Link.  
 8. *Corydalis aurea*, Willd., var. *occidentalis*, Gray.  
 9. *Cheilanthes fendigera*, Swartz.  
 360. *Cheilanthes tomentosa*, Link.  
 1. *Notholaena Hookeri*, Eaton.  
 2. *Garrya ovata*, Benth.  
 3. *Quercus oblongifolia*, Torr.  
 4. *Arceuthobium vaginatum*, Eichl.  
 5. *Dasea 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 alismifolius*, Geyer.  
 - 2. " *glaberrimus*, 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. *Xenochera 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 betulaeifolia*, 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. *Ponus virginiana*, var. *denisea*, (Nutt.)  
 1.  
 2. *Geum triflorum*, Pursh.  
 3.  
 4.

- 535 *Crataegus coccinea*, var. *maeracantha*, 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.  
 8. *Fizia cordata*, Koch.  
 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 verticifolius*, Benth.  
 70.  
 1. *Scutellaria angustifolia*, Pursh.  
 2. *Aphlopappus racemosus*.  
 3. *Madia filipes*, Gray.  
 4. *Madia glomerata*, Hook.  
 5.  
 6. *Lagophylla pamosissima*, 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 compestris*, 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. *Tropimon grandiflorum*, Gray.17. " *heterophyllum*, Greene.18. *Frasera thyrsiflora*, Hook.

- 16/9. *Foasera albicaulis*, Dougl.  
 20,  
 1.  
 2. *Erythraea Douglasii*. ?  
 3. *Gentiana Oregona*, 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.

59.

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 imuta*, 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 *Dryoxia 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 hypsoifolium*, L.

April 5, 1894. &

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

369. *Corydalis aurea*, Willd., var. *occidentalis*, Gray.  
 370. *Drymaria gracilis*, Cham. & Schl.  
 1. *Pida diffusa*, HBK.  
 2. *Anoda Thurberi*, Gray.  
 3. *Sphaeralcea Coulteri*, Gray.  
 4. *Ayrnia 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*, DC.  
 87. " " "  
 88. *Lysiloma candida*, Prunq.  
 89. *Sedum Humboldtii*, Rob. & Fern. n. sp.  
 90. *Oenothera biennis*, L., var. *grandiflora*, Lindl.  
 1. *Houstonia Wrightii*, Gray (?)  
 2. *Mitracarpum villosum*, Cham. & Schlecht.  
 3. *Salium uncinatum*, DC.  
 4. *Valeriana subifolia*, HBK.

## Stevia

- 395. *Eupatorium Eupatoria*, Willd.  
 - 6. *Eupatorium pauciflorum*, Gray.  
 - 7. " *pycnocepalum*, Less.  
 8. *Aster Potaninus*, Gray.  
 9. *Aster canescens*, Pursh, var. *viridis*, Gray.  
 - 400. *Peritofe Lloydia*, Rob. & Fern. n. sp.  
 1. *Zinnia grandiflora*, Nutt.  
 - 2. *Pectis longipes*, Gray.  
 - 3. *Grappallium 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. *Gymnosomia multiflora*, R. & 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 Rusbyi*, Gray. form.

- + 23. *Lobelia graminifolia*, Cav.  
 - 4. *Arctostaphylos pungens*, HBK.  
 - 5. *Fraxinus pumila*, Torr., var.  
 6. *Loeselia ciliata*, L.  
 - 7. *Loeselia glandulosa*, Don.  
 - 8. *Loeselia glandulosa*, Don.  
 - 9. *Sponoxea spongiosa*, Rob. & Fern. 10. Sp.  
 - 30. *Sponoxea costellata*, Torr.  
 - 1. *Sponoxea leptotoma*, Torr.  
 2. " *hederacea*, Jæg.  
 3. *Physalis pubescens*, L.  
 4. *Physalis crassifolia*, Benth.  
 - 5. *Solanum maritimum*, L.  
 - 6.  
 7. " " " " Schb.  
 - 8. " " " " *undecim*, Gray.  
 - 9. " " " " *undecim*, Gray.  
 - ! 40.  
 - 1.  
 - 2.  
 3. *Tetramerium hispidum*, Nees.  
 - 4. *Lantana involucrata*, L.  
 5. *Verberna Aubletia*, L.  
 6. " "  
 - 47. *Buddleia lanceolata*, Benth.?  
 - 8. *Verberna polystachya*, HBK.  
 - 9. *Salvia elegans*, Vahl.  
 50. *Hyptis Seemani*, Gray.  
 ! 1. *Salvia rubropunctata*, Rob. & Fern. 10. Sp.

723. *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. " *dentilobus* Rob. & Fern., n. sp.  
 1. *Dieliptera recurvata*, 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 Sonora*, Torr.  
 5.  
 6. *Phytolacca octandra*, L.  
 ✓ 7. *Euphorbia polycarpa*, Benth. var. *vestita*, Watson  
 ✓ 8. " *albomarginata*, Fob.  
 9. *Euphorbia* ~~*stictospora*~~ <sup>*adenophora*, Bertal.</sup> Engelm.  
 60. " *euphoserma*, Boiss.  
 1. *Euphorbia subreniformis*, Watson.  
 2. *Euphorbia colucata*, 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 pappophoroidea*, Kunth.  
 3. *Pinus Montezumae*, Lamb.  
 - 4. *Pseudotsuga Douglasii*, Cav.  
 - 5. *Pinus cembroides*, Guss.  
 - 6. *Juniperus mexicana*, Schied.  
 ✓ 7. *Pinus reflexa*, Engelm.  
 8. *Adiantum capillus-veneris*, L.  
 - 9. *Polypodium thysanolepis*, A. Br.  
 - 80. *Polypodium lanceolatum*, L.

- 481. *Ancinmia tomentosa*, Swartz, var. *fulva*, Hook. & Bot.  
 - 2. *Gymnogramme Ehrenbergiana*, Klotzsch.  
 - 3. *Notholaena Hookeri*, Eaton.  
 - 4. *Gymnogramme triangularis*, Kaulf.  
 - 5. *Celsoa atropurpurea*, Link.  
 - 6. *Notholaena pinnata*, Kaulf.  
 - 7. *Notholaena ferruginea*, Hook.  
 - 8. *Notholaena pinnata*, Kaulf.  
 - 9. *Notholaena nivea*, Desv.  
 - 10. *Notholaena nivea*, Desv.  
 - 1. *Asplenium Dichomanes*, L., var. *repens*, Davenport.  
 - 2. *Cheilanthes Lindheimeri*, Hook.  
 - 3. *Cheilanthes Lindheimeri*, Hook.  
 - 4. *Cheilanthes tomentosa*, Link.  
 - 5. *Notholaena candida*, Hook.  
 - 6. *Notholaena Lemmonii*, Eaton.  
 - 7. *Woodia obtusa*, Torr.  
 - 8. *Cheilanthes Wrightii*, Hook.  
 - 9. *Cheilanthes leudigeri*, Swartz.  
 - 500. " *microphylla*, Swz.  
 - 1. *Cheilanthes microphylla*, Swz.  
 - 2. *Cheilanthes Pringlei*, Davenport.  
 - 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 Arynia Berlandieri, Wats.  
 272. "Encendedor" Gaudichaudia filipendula, Juss.  
 352. Ceanothus azureus, Desf.  
 372. Cardiospermum halicacabum L.  
 243. "Jicama del cerro" Cratalaia pumila, Ort.  
 245A "Guajito" Cratalaia 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 anomalous" C. leptocarpa, Bth.  
 f. "Dalea reflecta?": Dalea alopecuroides, Willd.  
 s. "Limoncillo" Dalea citroidora, Willd.  
 257<sup>1</sup> Acacia Eucorymba, Bth.  
 "Tepame" Acacia pennatula Bth.  
 h. "Timbe" Acacia filicina, Willd.  
 239 "Tepehuaji" Cassia polyantha, Moc. & Less.  
 x Cotoneaster denticulata, HBK.  
 288 "Perla de Cuba" = Stevia rosea, Fernald.  
 303. Oenothera rosea, Ait.  
 "Lopezia" L. pumila, Bonpl.  
 308. Lopezia trichota, Schl.

- u Eryngium senatum, Cav.  
 311. "Acocate" Prionosciadium Watsoni, C. & R.  
 "Ahuecatillo" Gauya 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 gnaphalioides, 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 Trixis 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 laucalata, Willd.
- W. "Le' de yerbabuena" Mentha aquatica, L.
- "Poles" Mentha americana, L.
313. Aphyllon Dugesii, Wats.
325. Plantago Patagonica, Jacq.
- 338 "moco de pavo" Polygonum Mexicana, Small.
335. Rumex crispus, L. "Lengua la vaca".
- 202B. Euphorbia graminea, Jacq.
- 202C Euphorbia euphospenna, 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.
- Grana Panicum obtusum, HBK.
- - Aetropopon contortus, R. & S.
- K. no 1. Bouteloua hisida, 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" *Porghum saccharatum*.  
 g. *Muhlenbergia rigida*, Trin?  
 10 " "  
 e. *Polypodium crassifolium*, L.  
 5. *Rotholaena fernuquea*, Hook.  
 n " *sinuata*, Hook.  
 3 *Cheilanthes myriophylla*, Desv.  
 m. *Pellaea Seemannii*, Hook.  
 111. *Bignonia buccinatoria*.

The following seed planted in the garden -

- x. a. *Cedrela Dufesi*, Watson. ?  
 2. b. *Mirabilis Jalapa*, ?  
 3. c. *Agafian* (anomalous *Euphorb.*) argythamnia  
Lobelia, 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. *Gnaphalium ramosissimum*, T. & G.
2. *Aster Farreri*, Gray. pubescent.
3. *Xylochiza*, Torr. & G. glabrous -
4. *Chenopodium leptophyllum*, Nutt.
5. to young!
6. *Smelowskia calycina*, Meyen
7. *Sibbaldia procumbens*, L.
8. *Monolepis chenopodioides*, Moq.
9. *Veronica alpina*, L.
10. *Artemisia dracunculoides*, Pursh.
11. *Balsamorhiza sagittata*, Nutt.
12. *Euthamia Euthamiae*, Torr. & G.
13. *Arnica latifolia*, Bong.
14. to young!
15. *Cardamine Brewerii*, Watson.
16. *Nasturtium sinuatum*, Nutt.
17. *Sphaeralcea murrosana*, Spach.
18. *Oenothera* - to young.
19. *Eriogonum alatum*, Torr.
20. *Oenothera pinnatifida*, Nutt.
21. *Eurotia lanata*, Moq.
22. *Krynitzkia fulvocaulis*, Gray.
23. " *glomerata*, Gray.
24. *Encicus ochrocentrus*, Gray (smooth!)
25. *Encicus undulatus*, Gray, var. *canescens*, Gray.
26. *Salidago elongata*, Nutt.
27. *Tropimorpha glaucum*, Nutt., var. *laciniatum*, Gray.
28. *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. " *junillus*, Nutt.  
 36. " *glabellus*, Nutt.  
 37. *Salix boreale*, L.  
 38. *Aphlopappus 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. *clatior*, Gray.
14. " *salsuginus*, Gray, var. *glacialis*, Gray.
15. *Saxifraga caespitosa*, Gray.
16. *Townsendia Rothrockii*, Gray.
17. " 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. *Pucedanum feniculatum*, Nutt.
33. *Pentstemon hians*, var. *Sileri*, ? (too scanty).
34. *Pentstemon caeruleus*, Nutt.
35. " *secundiflorus*, Beath.
36. *Pentstemon glaber*, Pursh.

37. *Epilobium Hornemannii*, Reichenb.  
 38. *Epilobium adenocaulon*, Hausskn?  
 39. *Chaenactis Stevioides*, Hook & Arn.  
 40. *Senecio petraeus* Gray.  
 41. " *aureus* L., var. *compactus*, Gray.  
 42. " " var. *croceus*, Gray.  
 43. " " " " "  
 44. ? ? to scaly?  
 45. *Erigeron concinnus*, Ton. & Grev.  
 46. *Helipodium aureum*, Eastwood.  
 47. *Senecio aureus*, L., var. *croceus* - Gray.  
 48. *Apllopappus pygmaeus*, Gray.  
 no. number. *Musenium divaricatum*, Nutt.



Chihuahua Plants coll. by Hartman.  
 & Sinaba

570. *Ranunculus Hookeri*, Schlecht.  
 - 1. *Hieracium macraftera*, DC.  
 2. *Lonicera involucrata*, Kauke.  
 3. *Ilex rubra*, Wats.  
 - 4. *Caesalpinia pulcherrima*, Swartz.  
 ✓ 5. " *platyloba*, Watson.  
 ✓ 6. *Diphysa racemosa*, Rose.  
 7. wo = *Lepidocoma microphylla* - fr = *Bignonia equinoctialis*, L.  
 8. *Willardia Mexicana*, Rose.  
 9. *Mimosa asperata*, L.  
 20. *Acacia cochlesantha*, Hook.  
 1. *Senecio anicus* L. var. *compactus*, Gray.  
 2. *Cacalia glabra*, Rob. & Fern. n. sp.  
 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.  
 1. *Veronica Americana*, Schw.  
 2. *Pinguicula caudata*, Schlecht.  
 ! 3. *Utricularia denticulata*, Benj., ex char.  
 ✓ 4. *Stemmadenia Palmeri*, Rose.  
 ✓ 5. *Coccoloba Orizabae*, Lindau, fide Auctan.

536. *Sterculia* ?

7. *Ficus radulina*, Watson.
8. *Pinus latiquama*, Engelm.
9. *Pseudotsuga Douglasii*, Engelm.
40. *Pinus Chihuahuana*, Engelm.
- ! 1. *Pinus sumneriana*, Rob. & Fern. n. sp.
2. *Cupressus Benthani*, 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. *Ostea trifoliata*, L.
4. *Tephrosia Schiediana*, Schb.
5. *Anoda Arizonica*, Gay.
6. *Agave yuccaeifolia*, DC.

## Economic Plants Collected by Humboldt.

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

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

Collected by Hartman,  
Chihuahua, 1891.

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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 *Alibutus Kalapensis*, HBK.  
8 *Juglans rupestris*, Engelm.  
9 *Rhus toxicodendron*, L.  
! 90 *Viola pteropoda*, 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 *Astagalus Bigelovii*, Gray.  
 6 *Ceanothus 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*, Huth.  
 20 *Carex occidentalis*, Bailey.  
 1 *Eriogon flavellais*, Gray.  
 2 *Astagalus Arizonicus*, Gray.  
 3 *Senecio Neo-Mexicanus*, Gray.  
 4 *Linaria Canadensis*, Dumont  
 5 *Salix taraxacifolia*, HBK.  
 6 *Phlox nana*, Nutt.  
 7 *Carpochaete Bigelovii*, Gray.  
 8 *Ceanothus busifolius*, Willd.  
 9 *Thelypodium auriculatum*, Wats.  
 30 *Astagalus nothosus*, 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>dim</sup>  
 8 *Patentilla subviscosa*, Greene.  
 9 *Asaetes rigida*, Bth., var. *mollis*, Gray.

40

- 1 *Townsendia Wilcoxiana*, Wood.  
 2 *Ephedra trifurca*, Torr.  
 3 *Naua 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 *Thelesperma gracile*, Gray.  
 7 *Castilleja sessiliflora*, Pursh.  
 8 *Heliotropium Curassavicum*, L.  
 9 *Paspalum distichum*, L.  
 60 *Epilobium Borplaudianum*, Kth. ?

- 661 *Polygonum mansuetianum*, Desf.  
 2 *Jussiaea repens*, L.  
 3 *Asclepias Mexicana*, Cav.  
 4 *Thelidotus pauciflora*, Desf.  
 5 *Erythraea calycosa*, Buckl., var.  
 6 *Ranunculus stolonifer*, Hensl.  
 7 *Asclepias nummularia*, Torr.  
 8 *Penstemon acuminatus*, Dougl.  
 9 *Euphorbia campestris*, Cham. & Schl., var. *esulaefornis*, Boiss.  
 70 *Saileya multiradiata*, Gray, var. *mediculis*, Gray.  
 1 *Penstemon 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 *Unguadia speciosa*, Eudl.  
 8 *Astragalus Yaguianus*, Wats.  
 9 *Cercopholis 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 *Nothocordium 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  
 (as *glaberrimus*)  
 5 *Pentstemon campaulatus*, Willd.  
 6 *Rubus Mtkanus*, Moe. & Sessi  
 7 *Aster lepidopodus*, Rob. & Fern. n.sp.  
 8 *Hieracium Fendleri*, Sch. Bip.  
 9 *Gilia floribunda*, Gray.  
 700 *Geum triflorum*, Pursh.  
 1 *Aruchea sanguinea*, Engelm.  
 2 *Aster canescens*, Pursh.  
 3 *Aphyllon fasciculatum*, Gray.  
 4 *Lactuca Ludoviciana*, DC.  
 5 *Houstonia missouriensis* 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 scissifolia*, HBK. ex char.  
 4 *Lithospermum Cobrense*, Greene.  
 5 *Pentstemon barbatus*, Nutt., var. *Torreyi*, Gray.  
 6 *Populus angustifolia*, James.



- 717 *Erythraea calycosa*, Buckl.  
 8 *Maurandia Wislizeni*, Engelm.  
 - 9 *Rhamnus Purshiana*, DC. (peduncles 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 *Talinum aurantiacum*, Engelm.  
 9 *Erioforum Wrightii*, Torr.  
 30 *Moraida punctata* L.  
 1 *Erioforum annuum*, Nutt.  
 2 *Mimosa dysocarpa*, Bth.  
 - 3 *Adolphia infesta*, Meisn.  
 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 Disqueya*, 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 *Atrypis dracunculoides*, Pursh.  
 9 *Dalca 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>*Nublizense*, Watson.</sup>  
 6 *Prinosciadium Madreense*, 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 Beclaudicii*, 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. *tenuisepta*, Cogn.  
 2 *Arctelia ablouga*, Rob. & Fern. n. sp.  
 3 *Frauseria nivea*, 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" Vevesina sphaerocephala, Gr.303. Sama villosa, Ton."Anacahuitz" Ehretia elliptica, DC.H. Fiv. "Jamillo" 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. Gymnospermum corymbosum, Gray.
6. Eucumde 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 patens*, Jacq.  
 23. *Malva viscus arboreus*, Cav.  
 24. *Echinopteryx lappula*, Juss.  
 25. *Bidens odorata*, Cav.  
 26. *Fithonia tubaeformis*, Cass.  
 27. Lemnaceae?  
 28. *Hypochaeris pentachæta*, DC.  
 29.  
 30. *Acacia Farnesiana*, Willd.  
 31. *Prosopis 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*, V. 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.  
*Dresine interrupta*, Bth.  
*Verbena Aubletia*,  
*Muhlenbergia grandis*, Jasey  
*Sporaea puncticulata*, Bth.  
*Gymnosperma conynbocum*, Hay.  
*Lantana velutina*, M+B.  
*Plumbago scandens*.  
*Bougainvillea spectabilis*, Juss.  
*Lantana horrida*, HBK.  
*Calca nitidifolia*, DC.  
*Eupatorium Bigelovii*, Hay.  
     "    *Schaffneri*, Sch. Bip.  
     "    *quadrangulata*, 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. *Streptanthus caucpestis*, 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. *Thymus officinale*, Weber.
12. *Sibbaldia procumbens*, L.
13. *Raphanus Raphanistrum*, L.
14. *Stellaria media*, Cyrillo.
15. *Papaver nudicaule*, L., var. *aeticum*, 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*, Heider.
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. *Lychuis triflora*, R. Br.
36. ~~B~~ *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. *Pyrola rotundifolia*, L., var. *pumila*, Hook.
43. *Potentilla frigida*, Vill.
44. *Papaver nudicaule*, L., var. *aeticum*, Elkar.
45. *Lychuis triflora*, 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. *Dactysia 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. *humilis*, 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 peploides*, L.  
 73. *Papaver nudicaule*, L., var. *austriacum*, 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 Asarifolius*, Gray.
91. *Pedicularis Lueddloffii*, Fisch., var. *lanata*, Gray.
92. " *hirsuta* L.
93. " *Laponica*, L.
94. *Cypripedium acaule*, 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. *Phippia algida*, R. Br.
102. *Cerastium alpinum*, L.
103. *Luzula acuminata*, Meyer.
104. *Carex nardina*, Fries.
105. *Cypripedium acaule*, 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. *Montia 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. " *cernea*. 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 cernea*. 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 acuminata*, 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. au 95

- 2729 *Trifolium plumosum*, Dougl.  
 30 " *involucratum*, 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. P. N.  
 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, " *Muttallii*, Gray.  
 76, *Microseris nutant*, 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*, Olin.  
 85 *Madia sativa*, Mol., var. *racemosa*, Gray  
 86 " " " "  
 87 *Arnica Chamissonis*, Less.  
 88 *Helianthella Douglasii*, T. & G.  
 89 *Solidago serotina*, Ait.  
 90 " *elongata*, Nutt.  
 11. *Grindelia integrifolia*, DC.  
 92 *Eigerson 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 *Eigerson uniflorus*, L.  
 08 *Antennaria Caeperthica*, var. *pulcherrima*, Hook.  
 09 *Alnus rhombifolia*, Nutt.  
 10. " *rubra*, Bong.  
 11 *Krynitzkia Joneyana*, Gray.  
 11½ " *ambigua*, Gray.

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

Prof. A. Dugès Jan. & 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 = Sagetes lucida, L.  
 Secho' = Salvia uncinulatum, DC., var. obstipum  
 "Baena 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.  
 "Fepijilatē" = Setaria caudata, R. & S., var. pauiseta, Vasey.  
 486. Sisotē = Bursera Palmeri, Wats.  
 Uña de gato = Mimosa monancistha, Benth.  
 --- Melampodium sericeum, Lf. Ex chor.  
 --- Bahia schkuhrioides, Gray  
 226. Salvia Lindenii, Benth.  
 266A. Phoradendron corynarthron, Eich. Ex chor.  
 417A. Papa silacete = Solanum tuberosum, L.  
 111. Pithecotruium cinereum, DC. Ex chor.  
 --- Verbena polystachya, HBK.

228. Pajaros azules = Salvia patens, Cav.  
 Palillo - Croton morifolius, 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. Traehchia interrupta, May.  
 345 Ranunculus Haakeri, Schl.  
 308. Lapezia pumila, Bonpl.  
 153 Capulin blanco = Ehretia Mexicana, Nats.  
 338. Polygonum mexicanum, Small.  
 Arbre de Tampico. <sup>revelo</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*, Wahl.
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*, Torr.
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* ~~*caerulescens*, Byckl.~~  
           *caerulescens*, Byckl.  
 275. *Glyceria pauciflora*, Presl.  
 277. *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. *Lullium 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.  
 277. *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 Breweri*, Gray.  
 287. *Claytonia lanceolata*, Furbh.  
 284. *Pedicularis racemosa*, Dougl.  
 281. *Pedicularis Grœnlandica*, Retz.  
 300. *Pedicularis lacteosa*, 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 Luskdonii*, Gray.  
 301. *Anemone occidentalis*, Wats.  
 293. *Syrifaga 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 Umalaschensis*,  
 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 toxicophaca*, Gray.  
 20. 3/5. *Rosa pisocarpa*, Gray.  
 65. *Aquilegia humilis*, Jasey.

Norway Plants from Miss Elisabeth Taylor. Feb. 10, 95.

1. *Platanthera bifolia*, Reich.
2. *Valeriana officinalis*, L.
3. *Polygala amara*, L.
4. *Hieracium pilosella*, L., var. *Peleterianum*, Moench.
5. *Pedicularis Laponica*, L.
6. *Eigeron uniflorus*, L.
7. *Armeria maritima*, Willd.
8. *Arabis 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*, Summ.
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 Laponicum*, 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*,  
 1535. *Myosurus apetalus*, Gray.  
 1589. *Cnicus altissimus*, Willd., var. *filipendulus*, Gray.  
 1628. *Clarkia rhomboidea*, 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. *Cheopodium 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. *Linum digyrum*, Gray.  
 1807. *Abronia mellifera*, Dougl.  
 1808. *Saxifraga integrifolia*, Hook.  
 1809. *Aphyllon uniflorum*, Gray.  
 1810. *Ribes irriguum*, Dougl.  
 1812. *Asabis arcuata*, Gray, var. *subvillosa*, Wats. ined.

1817. *Silene Cucubalus*, Wibel.  
 1821. *Erigeron strigosus*, approaching *annuus*.  
 1822. *Cnicus foliosus*, Gray.  
 1823. " *undulatus*, Gray, var. *megacephalus*, Gray.  
 1826. *Mimulus Pulsiferæ*, Gray.  
 1828. *Geranium Carolinianum*, L.  
 1832. *Erigeron divergens*, T. & 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 nocturniflora*.  
 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 erythrodactylus*, Muhl.

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

March 19, 1895.

From D. A. Suggs.

75. *Arisaema pumilus*.

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

Agrifolius = *Berberis pinnata*, Lag.

April 10 -

149

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*, H. Emsley.
- > 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. *Porphyllum nummularium*, DC.
- > 16. *Commelina pal<sup>erecta</sup>*, L.
- > 17. *Zinnia maritima*, HBK.
- > 18. *Pithecolobium dulce*, Benth.
- > 19. *Malthesia detonsa*, Gay.
- 20.
- > 21. *Mimosa Eruendbergii*, Gray.
- > 22. *Eupatorium sagittatum*, Gray.
- > 23. *Dicliptera reuipinata*, 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 pumpeia*, 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 longicorne*, Gray.

- > 54. *Solanum nigrum*, L.  
 > 55. *Solanum torvum*, Fr.  
 > 56. *Caesalpinia bonducella*, Roxb.  
 > 57. *Ipomoea 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 cacalaco*, Humb. & Bonpl. ex chor.  
 66.  
 67.  
 > 68. *Prosopium 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. *Kosteletzkya 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. *Bassalpinia eriostachys*, 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 phaseoloides*, DC.  
 117.  
 118.  
 > 119. *Chamissoa altissima*, HBK.  
 > 120. *Vilamilla octandra*, Hook. fil.  
 > 121. *Tricostema Tabacum*, L.  
 > 122. *Carlomnighia 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 Corallo dendron*, L. ?  
 > 131. *Duranta Plumieri*, Jacq.  
 132.  
 133.  
 134.  
 > 135. *Jussiaea repens*, L.  
 > 136. *Jussiaea repens*, L.  
 137.

- > 138. *Phyalix 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.  
 (Mis may be no. 154)  
 > 152. *Ipomaea bracteata*, Cav.  
 > 153. *Glicicida 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. *Vilamilla 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. ~~*Azorella*~~ *caecellatopis porphylla*, Cav.  
~~*Diostrophium prophyllum*, H. & A.~~  
 178.  
 > 179. *Asclepias curassavica*, L.  
 > 180. *Sorghum Italapense*, Pers.  
 > 181. *Russelia sarmentosa*, Jacq.  
 > 182. *Jussiaea octonervis*, Lam.  
 > 183. *Plumbago scandens*, L.  
 > 184. *Crotalaria pumila*, DC.  
 > ! 185. *Laguncula glandulosa*, n. sp.  
 186.  
 > 187. *Commelina pallida*, Clarke.  
 > 188. *Stemodia duarantifolia*, Swartz  
 > 189. *Adiantum tenerum*, Swartz.  
 > 190. *Eupatorium conyzoides*, Vahl.  
 191.  
 > 192. *Nicotiana Tabacum*, L.  
 > 193. ~~*Nicotiana Tabacum*, L.~~  
*Buchnera Mexicana*, H. & A. 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. *Smilax echinocarpa*, Gray.  
 > 206. *Journefortia hirsutissima*, L.  
 ! 207. *Hemys*  
 > 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 callicarpae-folium*, L.  
 > 221. *Zexmenia ceanothifolia*, Sch. Bip., var. *conferta*

- > 222. *Diphysa racemosa*, Rose.  
 > 223. *Tephrosia multifolia*, Rose.  
 > 224. *Hymenaea courbaril*, L.  
 > 225. *Hyptis stellulata*, Benth.  
 226.  
 > 227. *Eriodendron occidentale*, Fr. & Pl.  
 > 228. *Hyptis polystachya*, HBK.  
 > 229. *Crotalaria incana*, L.  
 > 230. *Berhaavia viscosa*, Lag. & Rodr.  
 > 231. *Passiflora foetida*, L.  
 > 232. *Tribulus grandiflorus*, Natō.  
 > 233. *Casimiroa edulis*, Llav. & Lex.  
 > 234. *Panicum leucophæum*, HBK.  
 > 235. *Carica papaya*, L.  
 > 236. *Tribulus grandiflorus*, Natō.  
 237.  
 > 238. *Inga Xalapensis*, Benth.  
 239.  
 > 240. *Sponsea Batatas*, L.  
 > 241. *Gymnolomia platylepis*, Gray.  
 242.  
 > 243. *Buchnera Mexicana*, Hemsl., 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. *Calea 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 tupleurifolia*, Schl. ex char.  
 > 271. *Tibouchina Schiedeana*, Cogn.  
 > 272. *Cassia hispida*, Nahl.  
 > 273. *Begonia Heraclifolia*, Cham. & Schl.  
 > 274. *Aspidium trifoliatum*, Swz.  
 > 275. *Adiantum tenerum*, Swz.  
 > 276. *Adiantum concinnum*, HBK.  
 > 277. *Tephrosia lanata*, Mart. & Gal. ex char.

- >! 278. *Ipomaea unplexicaulis*, 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. *Aperium 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 laxiflora*, HBK.

306. *Adiantum intermedium*, Swartz.  
 307.  
 > 308. *Ipomoea Bonariensis*, L.  
 > 309. *Sejania*  
 > 310. *Castilleja communis*, Benth.  
 ! 311. *Galinsoga* <sup>aurea</sup> ~~laevis~~ 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 vulgarensis*, L.

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

May 31, 1895.

From A. Dupis

*Psoralea pentaphylla*, L.

*Stamnea lanceolata*, Ton.

No 46. *Cordylus congesta*, Steud.

H. Ms. *Myrtis albida*, HBK.

No. 1. *Barleria micans*, Nees.

"Mars" *Salvia Scleria*, L.

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

*Micostema alata*, Link & Otto.

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

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

May 31, 1895.

From A. Davidson, Los Angeles.

*Phacelia Fremonti*, Ton.

*Collinsia Parryi*, T. & G.

*Senecio multilobatus*, Gray.

*Trifolium praecursum*.

June 1, 1895.

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

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

From a. Dugis.

"Mariola" *Frauseria* *camphorata*, Greene.

## Florida plants from F. C. Staub.

June 17, 1895.

1. *Chrysopsis Mariana*, Nutt.
2. *Aster squarrosus*, Walt.
3. *Cocopsis aurea*, Ait., var. *subintegra*, Tou. & G.
- 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. *Guardia 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. *Lingnicula 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 arbutifolia*, L.  
 63.  
 64. *Tradescantia Virginiana*, L.  
 65. *Kigia Virginica*, Willd.  
 66. *Helianthemum corymbosum*, Michx.  
 67.  
 68. *Salvia lyrata*, L.  
 69.  
 70. *Pinguicula porriola*, 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> ~~umbellata~~*, A. S.  
 76. *Clematis Baldovini*, Torr. & Gr.  
 77. *Thysanthes refracta*, Reuth.  
 78. *Viola palmata*, L.  
 79. *Saptisia laucolata*, Ell.  
 80. *Crotalaria sagittalis*, L.  
 81. *Eurocaulon graphalodes*, Michx.  
 82. *Vaccinium nitidum*, Andr.



83. *Spiranthes praecox*, Walt.  
 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. *Helianthemum vernale*, Walt.  
 94. *Asimina pygmaea*, Dunal.  
 95. *Ficus australis*, Michx.  
 96. *Polygala polygama*, Walt.  
 97. *Coccoloba Leavenworthii*, Torr. & Gray.  
 98. *Ambrosia angustifolia*, 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. *Audouinea 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 pauciflora*, 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. *Limnanthemum lacunosum*, 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.  
*Nepestis 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 Baldwinii*, Torr. & Gr.  
 146 *Euphorbia heterophylla*, L., var. *geminifolia*, Eup.  
 147 " " "  
 148 *Lippia laucolata*, Michx.  
 149 *Polygala Rugelii*, Schult.  
 150. *Physostegia Virginiana*, Benth., 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 Baldwinii*, 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 polystachya*, 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. *Alythia virgata*, var. *angustifolia*, n. var.  
 + 5500A. *Talinum triangulare*, Willd.  
 5500B. *Euphorbia Brasiliensis*, Lam.  
 + 5500C. *Trema Lemaekiana*, Plume.  
 5500D. *Pentstemon laevigatus*, Solander.  
 + 5500E. *Ruellia gemmiflora*, 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 longicorneum*, Gray. ○  
 4.  
 > 5. *Millecia quinqueflora*, L. ○  
 ✓ 6. *Crotalaria* ~~humilis, DC.~~ <sup>*Lepriciana, HBK. fide Mull.*</sup> ○  
 ✓ 7. *Missilia* ..... ○  
 ✓ 8. *Gaudichaudia filifendula*, 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*, HBK. 0  
 ✓ 31. *Cassia* 0  
 > ! 32. *Convolvulus secundiflorus*, n. sp. 0  
 > 33. *Sponsea hedrifolia*, L.  
 > ! 34. *Journefortia calycina*, Benth. Ex char. 0  
 ✓ 35. ✓  
 ✓ 36. ✓  
 > 37. 0  
 38. 0  
 ✓ 39. 0  
 ✓ 40. 0  
 ✓ 41. 0  
 ✓ 42. 0  
 ✓ 43. 0  
 > ! 44. Sideroxylon  
 ✓ 45. 0  
 > 46. *Mayrona ovata*, A. 0  
 > 47. *Selaginella* ~~*stenophylla*~~, C. Poiran. <sup>*picaraggenensis*, Baker, fide Underwood.</sup> 0  
 > ! 48. *Bignonia patellifera*, Schb. Ex char. 0  
 > ! 49. *Ruellia albiflora*, Fern. n. sp. 0  
 ✓ 50. *Abutilon incanum*, Sweet. 0  
 ✓ 51. *Cuscuta gracillima*, Engelm. var. *saccharata*, Engelm. Ex char. <sup>*pacatechichi*, Schlecht. var.</sup>  
 > ! 52. *Calceola* ~~*palmifolia*~~, ~~Hambley~~ *repusa*, Rob. & Gr. <sup>n. var. <sub>to part</sub></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. *Sponaea 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 stolonifera*, Presl. ○  
 ✓ 43. *Tournefortia Mexicana*, Scribn. ○  
 > ! 44. *Montanoa Palmeri*, n. sp. ○  
 ✓ 45. *Abutilon giganteum*, Presl. ○  
 > 46. *Acalypha Indica*, L. ○  
 > 47. *Selaginella* <sup>*picaragguensis*, Baker, fide Woodward.</sup> ~~*stomatophylla*, A. Peck.~~ ○  
 > | 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*, Small.~~ *ruposa*, Rob. & G. n. sp. <sub>Ex part</sub> ○  
 > 53. *Loranthus calyculatus*, DC. ○  
 > ✓ 54. *Dalea laevigata*, Gray. ○

- ✓ 55. *Dalea* 0  
 > 56. *Herpestis rotundifolia*, Presl. 0  
 ✓ 57. *Myrtus*  
 > 58. *Stemodia durantifolia*, Sw.  
 ✓ 59. *Calliandra laxa*, Benth. 0  
 > 60. *Gymnogramme colomelanos*, Tauff. 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. *Gouinea 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. *Heliotropium 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 genuoides*, Bth? °  
 ✓ 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~~ <sup>compositum</sup>*, 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* (wood) ○
- ✓ 130. *Cardiaspermum* ○
- ✓ 131. *Tribulus maximus*, L. ○
- > 132. *Commelina Virginica*, L. ○
- ✓ 133. *Turnera diffusa*, var. *aphrodisiaca*, Urban. ○
- ✓ 134. *Calliandra emarginata*, Benth. (wood) ○
- ✓ 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. *Belosia insignis*, Bail. ? ○  
 > 147. *Solanum callicarpae-folium*, Kth. & Bouché, ○  
 > 148. *Solanum Torvum*, Schw. ○  
 > 149. *Crescentia Cujate*, L. ○  
 > 150. *Heliotropium Indicum*, L. ○  
 > 151. *Aristolochia brevipes*, Benth. ○  
 > 152. *Eupatorium stellugiae-folium*, DC. ○  
 ✓ 153. *Pavonia arachnoidea*, Presl. ○  
 > 154. *Gonoclea Grazi*, Rose. ○  
 ✓ 155. *Tephrosia* ○  
 > 156. *Croton nivosus*, Jacq. ○  
 ✓ 157. *Triumfetta*, *Heliolepis pallidus*, Rose, n. sp.   
 ✓ 158. *Phaseolus* ○  
 ✓ 159. *Eutada polyptachya*, DC. ○  
 ✓ 160. *Gaya Preslii*, Rose. ○  
 ✓ 161. *Melochia radiata*, L. ○  
 > ! 162. *Bubesia pallens*, Benth., ex char. ○ rather *B. acapulcensis*,  
 163. ○ Rob. & Greene, n. sp.  
 > 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. *Joumeyfortia 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. *Bronquiaria 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*, Poiss. 0  
 > 188. *Schwenkia Americana*, L. 0  
 ✓ 189. *Asimina foetida*, Rose, n. sp.  
 > ! 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. *Boldea 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. ○ (wood)  
 > 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. ○ (wood)  
 ✓ 220. *Buettneria lathagenensis*, Jacq. ○  
 ✓ 221. *Casaria corymbosa*, HBK.  
 ✓ 222. *Sida physaloides*, Presl. ○

- 223,  
 ✓ 224. *Desmodium* .  
 225.  
 ✓ 226. *Conchocarpus* ○  
 > 227. *Eupatorium conyzoides*, Vahl. ○  
 ✓ 228. *Gouania stipularis*, DC. ○ .  
 > 229. *Chenopodium ambrosioides*, L. ○  
 > 230. *Trema mollis*, Blume. ○  
 ✓ 231. *Cassia serpens*, L. ○  
 > 232. *Herpestis 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. *Leobum caducifolium* Rob. & Bartlett, n. sp. ○ (n. sp.)  
 ✓ 246. *Malpighia glabra*, L. ○  
 ✓ 247. *Turnera ulmifolia*, L. ○  
 248.  
 249.  
 ✓ 250. *Inga Kalapensis*, Benth. ○

- ✓ 251. *Indigofera* °  
 > ! 252. *Ruscia rotundifolia*, Cav. 4 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. <sup>indid</sup> °  
 > 270. *Gomphrena globosa*, L. °  
 > 271. *Gomphrena globosa*, L. °  
 > ! 272. *Mauritia rhomboidea*, Mill. 4 char. °  
 > 273. *Gymnogramme calomelanos*, Kaulf. °  
 274. *Byrsonima cotinifolia*, HBK. °  
 ✓ 275. *Sida glutinosa*, Cav. & *S. arguta*, Swartz. °  
 276. °  
 ✓ 277. *Haematoxylon boreale*, Watson. °  
 278. °

279.  
 280.  
 > 281. *Melanopodium longicornis*, Gray. ○  
 ✓ 282. *Hibiscus esculentus*, L.  
 ✓ 283. *Aeschynomene paniculata*, Willd.  
 ✓ 284. *Leptocarpus pleuroides*, Reuth.  
 ✓ 285. *Anthephora elegans* Schreb. ○  
 ✓ 286. *Eragrostis amoenus*, 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 felicina*, Willd. ○  
 ✓ 298. *Melochia plicata*, Presl. & *Acacia plicata*, Presl. ○  
 ✓ 299. *Acacia paniculata*, Willd. ○  
 ✓ 300. *Acacia* ○  
 ✓ 301. *Acacia* ○  
 ✓ 302. *Acacia* ○  
 ✓ 303. *Piptadenia leptocarpa*, Rose. (mod) ○  
 > 304. *Phiparis 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. *Craecia Edwardsii*, Gray. °  
 323.  
 ✓ 324. *Anona* °  
 ✓ 325. *Cassia grandis*, L.f. ?  
 ✓ 326. *Guaiacum* °  
 > 327. *Solanum Sequilense*, 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* see under 317.
- > 336. *Vitex mollis*, HBK.
- ? 337. *Loranthus Oerstedii*, D. Oliv. ex char. o
- 338.
- ? 339. *Jaquimia macrocarpa*, Cav. ex char. o
- > 340. *Agave vivipara*, L.
- > 341. *Cuscuta Americana*, L. o
- ✓ 342. *Licania arborea*, Secum. o
- ✓ 343. *Curatella Americana*, L. o
- ? 344. *Boecklaba Schiedraua*, Lindau, ex char.? o
- ✓ 345. *Anacardium occidentale*, L. o
- > 346. *Syngonium podophyllum*, Schott. o
- ✓ 347. *Enterolobium cyclocarpum*, Griseb. o
- ? 348. *Genipa(?) cinerea*, n. sp. o
- ✓ 349. *Crataeva stipia*, L. o
- ✓ 350. *Gliricida maculata*, HBK. o
- > 351. *Aristolochia pardina*, Duchar. (wood) o
- ✓ 352. *Cassia grandis*, L. f. o
- > 353. *Basanantha spinosa*, Schum. o
- > 354. *Tecoma stans*, Juss. o (wood)
- > 355. *Ficus populnea*, Willd. o
- ✓ 356. *Rigistachys bracteata*, Planch. o
- ✓ 357. *Eugenia* o
- ✓ 358. *Myrtus* o
- ✓ 359. *Myrtus* o
- ✓ 360. *Passeflora porphyretica*, Nees. o
- > 361. *Tabebuia Palmeri*, Rose. o
362. *Bignonia* o (wood)

- ✓ 363. *Bauhinia latifolia*, Cav. ° (wood)  
 ✓ 364. *Vitis acapulcensis*, HBK. °  
 > 365. *Cordia alba*, Poeu. & Schult. °  
 ✓ 366. *Phaseolus* °  
 > 367. *Bignonia unguis*, L. °  
 ✓ 368. *Lucasena glabrata*, Rose, n. sp. °  
 369. (wood) °  
 > ! 370. *Ipomoea bombycina*, B. & H. ex char. ? °  
 ✓ 371. *Cochlospermum hibiscoides*, Kunth. °  
 > ! 372. *Mimosa albena*, Hieron ? ex char. ° (wood)  
 > 373. *Ficus Bonplandiana*, Mig. (wood) °  
 > 374. *Xanthosoma roseum*, Schott.  
 375. *Canavalia* Rose not. °  
 ✓ 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. ~~*Salmea scandens*, DC.  
*Tabernaemontana pauciflora*, Hemsley, ex char. ?~~  
 ✓ 389. *Mitaypa scrobiculata*, Radlk. ? °  
 ✓ 390. *Acacia Hindsii*, Benth. °



419. *Tabebuia*. ° (wood)
- ✓ 420. *Paspalum platycaule*, Poir. °
- > 421. *Iresine celosiaefolia*, L. °
- ✓ 422. *Indigofera Anil*, 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*, Muir. °
- > 431. *Sponoaea fistulosa*, Mart. °
- ✓ 432. *Bursera Palmeri*, Watson. °
- ✓ 433. *Pennisetum purpurascens*, HBK. °
- ✓ 434. *Amundinella Martinicensis*, Trin. °
- > 435. *Eupatorium pycnocephalum*, Less. °
- ✓ 436. *Bauhinia mermis*, 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. *Celosia*!?! *monosperma*, Rose. 0  
 ✓ 461. *Cassia oxypphylla*, Kunth. 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 gatioloides*, Benth. 0  
 > 469. *Herpestis sessiliflora*, Benth. 0  
 > 470. <sup>*Exalibigia*</sup> *Eclipta alba*, Hassk. 0  
 471. 0  
 > 472. *Herpestis rotundifolia*, Pursh. 0  
 ✓ 473. *Erissena 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. *Sponaxa* <sup>n. sp.</sup>
- ! 483. *Sponaxa ampullacea*, n. sp.
- ✓484. *Colubrina arborea*, Brandege.
- ✓485. *Hittella Americana*, Aubl.
- ✓486. *Colubrina*
- ✓487. *Cleome dioica*, L.
- > 488. *Spermacoce podoccephala*, Gray.
- 489.
- 490.
- > 491. *Zexmenia Ghiesbreghtii*, Gray.
- > 492. *Vernonia canescens*, HBK.
- > 493. *Bernardia Mexicana*, Willd. <sup>sp.</sup>
- ✓494. ~~*Dalca*~~
- ✓495. *Sida dumosa*, Swartz.
- > 496. *Canna edulis*, Ker.
- > 497. *Brickellia Cavanillesii*, <sup>glomerulata, Ferrug. sp. n. sp.</sup> Gray.
- > 498. *Laeselia ciliata*, L.
- ✓499. *Cayaponia attenuata*, Cogn.
- ✓500. *Xylosma 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*, Thorel. °  
 > 508. *Laeselia glandulosa*, Don. °  
 > ! 509. *Russelia rotundifolia*, Cav. ex char. °  
 > 510. *Phypalis foetens*, Poir. °  
 > ! 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*, Ait., 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. *Lipis 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. *Castelia ampla*, Salisb. °  
 530. °



- > ! 531, *Loranthus inconspicuus*, Benth. ex chor. °  
 ✓ 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.DC. °  
 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, *Prius echinatus*, 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 metoartharticus*, Cogn. °

- > 559. *Ipomoea umbellata*, Mey. 0  
 ✓ 560. *Pterocarpus*? 0  
 > 561. *Croton niveus*, Jacq. 0  
 ✓ 562. *Guazuma ulmifolia*, Lam. 0  
 ✓ 563. *Tournefortia Indica*, L. 0  
 > 564. *Isotoma longiflora*, Presl. 0  
 > 565. *Mikania suaveolens*, HBK. 0  
 ✓ 566. *Secundaria sylvestris*, Schlecht. 0  
 > 567. *Capriaria saxifragaeifolia*, Schl. & Ch. 0  
 > 568. *Heliotropium mundatum*, Swartz. 0  
 > 569. *Hypsis albida*, HBK. 0  
 ! 570. ~~Bleed~~ *Ruellia ovalifolia*, Hemsl. Ex char? 0  
 ✓ 571. *Paullinia fuscescens*, HBK. 0  
 > 572. *Croton fruticulosus*, Torr. 0  
 > 573. *Cordia* 0  
 ✓ 574. *Auoua* 0  
 > 575. *Hemuya costata*, Gay. & *Cauavalia villosa*, Benth. 0  
 ✓ 576. *Capparis pauciflora*, Presl. 0  
 577. 0  
 ✓ 578. *Guarea* 0  
 > 579. *Hebanthe Hookeriana*, Hemsl. 0  
 > 580. *Jacobinia ovata*, Gay, var. *subglabra*, Wats.? 0  
 ✓ 581. *Sida Jamaicensis*, L. 0  
 > 582. *Acetaudia glabrescens*, Benth? 0  
 > 583. *Nelsonia campestris*, R. Br. 0  
 ✓ 584. *Hippocratea Mexicana*, Miers. 0  
 585. *Trianthema Portulacastrum*, L. 0  
 > 586. *Euphorbia Brasiliensis*, Lam. 0

- > 587. *Bignonia equinoctialis*, L. °  
 ✓ 588. *Hippocratea Mexicana*, Miers. °  
 ✓ 589. *Loucheocarpus* °  
 ✓ 590. *Glinus latoides*, Laepl. °  
 > 591. *Chrysophyllum Cainito*, L. °  
 > 592. *Conyza lyrata*, HBK. °  
 ✓ 593. *Glinus latoides*, Laepl. °  
 > 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* Wed. (wood) °  
 ✓ 604. *Vitis* °  
 ✓ 605. *Triumfetta semitiloba*, Jacq. °  
 ✓ 606. *Gaudichaudia Schiedeana*, Juss. °  
 607. °  
 ✓ 608. *Clematis Acapulcensis*, Hall. °  
 >! 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 pauciculata*, Willd. ○  
 > 625. *Bauhinia subuligera*, Gray. & *Ipomoea cuspidata*,  
 626. *Krameria* Puel.  
 ✓ 627. *Corchorus acutangulus*, Lam. ○  
 > 628. *Herpestis Salzmanii*, Benth. ○  
 ✓ 629. *Hippocatea Acapulcensis*, HBK. ○  
 > 630. *Crescentia alata*, HBK. ○  
 > 631. *Lithonia tagetiflora*, 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. *melligana*, 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. "Amapala amarillo"  
 137. *Helianthemum glomeratum*, Lag. "Tanajuana"  
 N. *Arenaria saxosa*, Gray.  
 G. *Sida angustifolia*, Lam.  
 D. " *Carpiniifolia*, L.  
 117. *Eriodendron aesculifolium*, DC. "Pochotl"  
 287 <sup>quartz</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. "Vare 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 colocatum*, DC. "Yerba del venado"
- 477 " *macrocephalum*, DC. " " "
481. *Caecalia cordifolia*, HBK. "Cachán ou Condurango"
88. *Spigelia scabrella*, Benth.
93. *Therisia Ycotli*, DC, var. *glabra*, DC. "Frayles"  
"Cazahuatl" *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. *Peucedanum gentianoides*, Don?
387. *Lamourouzia 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.  
 F. c. *Polypodium aureum*, L., var. *areolatum*, DC. "Calahuapinte",  
 "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*, Gunn.  
 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 uniflorus*, 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 lotiflorus*, 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 chloocarpa*, Engelm.  
 254. *Juncus nodosus*, L., var. *megacephalus*, Tu.  
 283. *Commelina Virginica*, L.  
 303. *Juncus marginatus*, Rostk.  
 310. *Juncus acuminatus*,  
 318. *Physalis longifolia*, Nutt.  
 342. *Chenopodium album*,  
 349. *Aceris 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 *caesceus*.  
 532. *Linum rigidum*, Pursh.  
 535. *Rosa Arkansana*, Pursh.  
 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. " *lancoolata*, var. *parvifolia*, Rydb.  
 576. *Hymenopappus trinifolius*, Benth.  
 580. *Atriplex argentea*, Michx.  
 585. *Eriogonum Jamesii*, Benth.  
 587. *Mentzelia 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. *Thesperma foliolium*, Gray.  
 640. *Chenopodium leptophyllum*, Nutt.  
 648. *Mentzelia 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 sapotaefolia*, Mann, var. *B.* Hillebr.  
 2631. *Mikstroemia eloupta*, Gay.  
 2535. " " "  
 2581. " " var. *recurva*, Hillebr.  
 2545. " sp.  
 2498. *Baccha Mannii*, Hillebr.  
 2500. *Euphorbia atrovirens*, 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.A. Curtis.

5202. *Lespedeza intermedia*, Britton  
 5203. " *polystachya*, Michx.  
 5204. " *angustifolia*, Ell.  
 4522. *Vaccinium corymbosum*, Torr. 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.

April 27.

A. Duges, Guayaquato.

- "*Polypodium*?" = *Aphrodium patens*, Desv.  
*Zaluzania angustata*, Sch. Bip.  
 "Euphorbiaceae?" = *Forestiera phillyroides*, 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 medeoloides*, Thunb.  
 Pichon = *Gonolobus sororius*, Gray.  
 Paraujillo = *Ilex Dugesii*, Fern.  
 ! Mimosa = *Lysiloma Dugesii* n. sp.  
 370. Ocotillo = *Jodanua viscosa*, L.

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

May 12, '96.

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

to be 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*, Fou.  
 ✓1442. " *fruticosum*, L.  
 ✓no no. " *Indicum*, L.  
 ✓1527. " "  
 ✓1456. " "  
 ✓no no. " *parviflorum*, L.  
 1524  
 1713.  
 ✓1895 *Orosmodium*?  
 ✓1837. *Trigaudia Kunthii*, Choisy.  
 ✓1913. *Isoloma Jaliscana*, Watson.  
 1731. *Sponoaea* sp. (no material)  
 ✓1997. " *Gayi*, Rose.  
 ✓1708. " *trifida*, Dou, var. *Tueyana*, Gray  
 ✓1746. " " " " "  
 ✓1809. " *pentaphylla*, Jacq.  
 ✓1863. " *sidaefolia*, Choisy.  
 ✓1780. " *quinquefolia*, Griseb.  
 ✓1705. " *leptotoma*, Fou.  
 ✓1725. *Jacquemontia violacea*, Choisy.  
 ✓2023. *Evolvulus alsinoides*, L. (perhaps *E. acapulcensis*, Willd.).  
 1713. *Physalis*  
 ✓2035. " *micandroides*, 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. *Buchnera pilosa*, Benth.  
 ✓ 2050. *Castilleja canescens*, Benth.  
 ✓ 2045. " *lithospermoides*, A. B. K.  
 ✓ — *Lamourouzia viscosa*, A. B. K.  
 ✓ — " " "  
 ✓ — " " "  
 ✓ — " *multifida*, A. B. K.  
 ✓ 2044. *Scoparia dulcis*, L.  
 ✓ 2047. *Hepestis Monmiesi*, A. B. K.  
 ✓ — *Russelia saurostosa*, Jacq.  
 ✓ — " " " "  
 ✓ 2043. *Stenodia peduncularis*, Benth.  
 ✓ — *Hepesta chamaedryoides*, A. B. K.  
 1712  
 2007  
 1775  
 1735  
 2001  
 1752  
 ✓ 1415. *Carlownightia glabrata*, Fernald.  
 ✓ 1987. *Carlownightia cordifolia*, Gray.  
 ✓ 4 *Ruellia tuberosa*, L.  
 ✓ 1987. *Jacobinia Mohrlii*, Hemsl.  
 ✓ 4 *Dicliptera brachiata*, Spr.

- 1872 *Vernonia*? *Plemeri*, Rose.
- ✓ *Acaua* *Jamaicense*, L.
- ✓ 1585. *Hypoxis* *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. " *lyptoides*, Mart. & Gal.
- ✓ 911. " *lavenduloides*, HBK.
- ✓ 2009. " *prunelloides*, HBK.
- ✓ 1441a. " *Mexicana*, L., var. *minor*, Benth.
- ✓ 1749. " *privooides*, Benth.
- ✓ 675. " *albiflora*, Mart. & Gal.
- ✓ 984. " — sp. (pour matricule)
- ✓ 1964. " *aliena*, Greene, ex char.

Od. Allen. Miscellaneous. July 2, 1896.

- a Rosa  
 b. Epilobium Hornemannii, Reichenb.  
 c. Lycopodium aurantiacum, 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. Th.  
 > 32. *Pectocarya linearis*, DC.  
 > 33. *Phacelia tanacetifolia*, Benth.  
 > 34. *Gilia purgens*, Benth., var. *haasii*, Gray.  
 > 35. *Lupinus trifidus*, Torr.  
 > 36. *Calandrinia caulescens*, HBK.  
 > 37. " " "  
 > 38. *Hordeum murinum*, L.  
 > 39. *Stipa setigera*, Presl.  
 > 40. *Cenatachloa grandiflora*, Hook.  
 > 41. *Scirpus lacustris*, L.  
 > 42. *Scirpus Olneyi*, Gray.  
 > 43. *Eriodictyon tomentosum*, Benth., var. *crucifolium*, Gray.  
 > 44. *Trifolium tridentatum*, Lindl.  
 > 45. *Anapallis aurea*, 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. *Callisiphia bicolor*, Benth.  
 > 54. *Picataea glauca*, R.  
 > 55. *Minulus puniceus*, Steud.

- > 56. *Peucephyllum spectabilis*, Thunber.  
 > 57. *Oxalis Wrightii*, Gray?  
 > 58. *Dendromecon rigida*, Benth.  
 > 59. *Eriophyllum confertiflorum*, Gray.  
 > 60. *Gilia leanthoides*, Eedl.  
 > 61. *Erodium Botrys*, Bertol.  
 > 62. *Asaackia 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 isioides*, Watson.  
 > 69. *Marrubium vulgare*, L.  
 > 70. *Sidalcea malvaeflora*, Gray.  
 > 71. *Erymytykia ambigua*, Gray.  
 > 72. *Lepidium nitidum*, Nutt.  
 > 73. *Ellisia membranacea*, Benth.  
 > 74. *Phacelia tanacetifolia*, Benth.  
 > 75. *Gilia micrantha*, Benth.  
 > 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. *Pectocaryx linearis*, DC.  
 > 91. *Callisia Davidsonii*, Parish.  
 92.  
 93.  
 94.  
 95.  
 96.  
 97.  
 98.  
 99.  
 > 100. *Lupinus micranthus*, Dougl., var. *microphyllus*, Wats.  
 > 101. *Lupinocarpum gracile*, Hook.  
 > 102. *Mimulus moschatus*; Dougl.  
 > 103. *Trifolium ciliatum*, Nutt.  
 > 104. *Gilia pusilla*, Benth., var. *Californica*, Gray.  
 > 105. *Cerostema dentata*, Cav., 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. (Publ.)  
 " *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 glabrescens*, DC.  
 > 155 *Scrophularia Californica*, Cham.  
 > 156 *Othocarpus densiflorus*, Benth.  
 > 157 *Mimulus Fremonti*, Gray.  
 > 158 *Mimulus moschatus*, 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 *Eucleia farinosa*, Torr.  
 > 179 *Stachys albens*, Gray  
 > 180 *Hosaetia glabra*, Torr.  
 > 181 *Salvia angustifolium*, Nutt.  
 > 182 ~~A~~ *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 leuacanthifolia*, Benth.  
 > 189 *Phacelia campoculata*, Gray.  
 > 190 *Montia parviflora*, Howell.  
 > 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 urenata*, 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*, Torr.  
 > 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 saquinum*, Pursh, var. *malvacum*, Gray.

- 224 *Vicia americana*, Muhl.  
 → 225 *Cornus stuttallii*, Audubon.  
 → 226 *Tradescantia virginica*, L. var. J.P.R.  
 → 227 *Lycium dioica*, L.  
 → 228 *Trimala missassinica*, 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. pubescens, Watson.

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



