

Parry + Palmer's Collection

- 1. *Clematis filifera*, Bth., var. = *C. Pitchei*
- 2. " *Donnell-Smithii*, 703
- 3. *Ranunculus cymbalaria*, Ph.
- 4. " *stolonifera*, Hemsl., n.s.p.
- 5. " *dichoromeres*, DC.
- 6. " *Hookeri*, Schl.
- 7. *Delphinium leptophyllum*, Hemsl. ch.
- 8. *Hebe gracilis*, Harkn., var.
- 9. *Fumaria parviflora*, Lam.
- 10. *Argemone Mexicana*, L.
- 11. *Castilleja taracetifolia*, Torr.
- 12. *Sisymbrium Schaffneri*, Hemsl. n.s.p.
- 13. " *Palmeri*, " "
- 14. ~~*Castilleja*~~ *Coulteri*, " "
- 15. *Sisymbrium Parryi*, " "
- 16. *Ernea eschiva*, DC.
- 17. *Erygia camporum*
- 18. *Synthyris Greggii*, Gray
- 19. *Capsella Mexicana*, Hemsl., n.s.p.
- 20. *Lepidium alyssoides*
- 21. " " *Menziesii* } = *L. latifolium* Nutt. var. *tennipes*, Watson
- 22. " " " var. " " "
- 23. " *Virginicum* *intermedium*
- 24. " *latifolium*
- 25. *Vesicaria argyrea*, Gray = *V. recurvata*, Engelm.
- 25 1/2. " *stenophylla*, Gray } *V. Schaffneri*, Watson
- 26. " " " } 17. + some *V. argyrea*
- 27. *Reseda luteola*
- 28. *Helianthemum glomeratum*, Lag.
- 28 1/2. " " ?
- 29. " *argenteum*, Hemsl. n.s.p.
- 30. " *patens*, " "
- 31. *Lichia Skinneri*, Nutt.
- 32. *Lonicium polygalifolium*, Vent.
- 33. *Viburnum Grahamii*, Bth.
- 34. " *Hookeriana*, HMK.
- 35. " *Barroetana*, Schaffner
- 36. " *pubescens*, Ait. = *V. flagellifolium*, Hemsl. 1033
- 36 1/2. *Lonicium riparium*, HBK.
- 37. *Amorcania subcordata*, Planch. *brightii*, Gray
- 38. *Krameria paniculata*, DC.
- 39. *Polygala alba*, Nutt.
- 39 1/2. " *galioides*, Poir., var.
- 40. " *Parryi*, Nutt. - n.s.p.
- 41. " *obscura*, Bth. = 44
- 42. " *puberula*, Gray
- 42 1/2. " *puberula*
- 43. " *ovalifolia*, DC.
- 44. = 41.
- 45. " *acoparia*, HMK. ?

in Mex

mixed labels?

204 bis Phacelium truncellum

922. Lupa sp.

336. Picidia erythrina

679 Centrosema pubescens

212 Calliandra carbonaria (Rose, Rebol. = syn.)

740 Bauhinia puberulaefolia

73c no name -

- 46. Silene lacini

- 47. Asystium

- 48. Armonia da

- 49. Drymonia ar

- 50. " xeroph

- 51. " glan

- 52. Spargularia

- 53. (Siphonochloa)

- 54. Conyza a

- 55. = 51.

- 56. Armonia da

- 57. Drymonia

- 58. cord

- 59. Polyprum pum

Palmer's plants collected in Mexico, 1902.

- 255 Collisia repens L.
 117 Viola flagelliformis Hemsley.
 155 Hypericum pauciflorum H. B. K.
 135 Ionoxilis sp.
 167 Silene lacinata Cav.
 41 ^Tunera diffusa Willd.
 230 Cissus rhombifolia Vahl.?
 232 Vitis biformis Rose, sp. nov.
 225 Sapindus sp.
 57 Rhamnus serrulatus H.B.K.
 104 Daucus montanus H. & B.
 146 Geranium palmeri Rose, sp. nov.
 113 Ribes neglectum Rose, sp. nov.
 60 Prinosciadium palmeri Rose, sp. nov.
 114 Deanea arguta Rose, sp. nov.
 125a Alchimella subalpestris Rose.
 125b " sp.
 125c " velutina Watson.
 56 1/2 Helianthemum coulteri Watson.
 35 Helianthemum sp.
 56 Helianthemum glomeratum Lag.
 445 Tillandsia usneoides L.
 17 Agave sp.
 235 Agave sp.
 61 Rhus pachyraphis Hemsl.
 52 Smilax sp.

- 46. *Silene laciniata*, var. *angustifolia*,
- 47. *Cerastium nutans*, Raf.
- 48. *Arenaria alsinoides*, Willd., = *A. lanuginosa*, (Robt. = syn.)
- 49. *Drymonia arenarioides*, Willd. = *D. frankeniioides*, HBK.
- 50. " *xerophylla*, Gray
- 51. " *glandulosa*
- 52. *Spargularia Mexicana*, Hemsl., n. sp.
- 53. (*Siphonantha* ?) *Achyroxychia Parryi*, Hemsl., n. sp.
- 54. *Conigora andina*, W. Plant.
- o 55. = 51.
- 56. *Drymonia alsinoides*, Willd.
- 56. *Drymonia pauciflora*, Bth
- 57. " *cordata*, Willd., var. = *D. gracilis*, Ch. & Sch.
- 58. *Spargularia neglecta*? = 52, shrubby form
- 59. *Polygnum procumbens*, L.
- 60. *Drymonia nodosa*, Engelm., var. (?) *gracillima*, Hemsl.
- 61. *Arenaria decussata*, Willd.
- 62. " *Bourgaini*, Hemsl., n. sp. = 22 Bourg.
- 63. *Cardia glauca*, Hemsl., n. sp.
- 63 1/2. " *congestiflora*, " (mixed with 63.)
- 64. *Pentacæna* (al. *Cardiæna*) *ramosissima*
- 64 1/2. *Achyroxychia Parryi*, Hemsl. = 53
- 65. *Paronychia Mexicana*, Hemsl., n. sp.
- 66. *Portulaca pilosa*,
- 67. *Talinopsis frutescens*, Gray,
- 68. *Talinum aurantiacum*, Engelm.
- 69. " *Mexicanum*, Hemsl., n. sp.
- 70. " *nappiforme*, DC.
- 71. " *platens*, Willd.
- 72. *Hypericum denticulatum*, HBK.
- 73. " [*fastigiatum*, HBK.] = [*H. pauciflorum*, HBK.
 [*H. Schaffneri*, Watson.]
- 74. *Modiola Caroliniensis*, Don
- 75. *Sida hederacea*, T. & G., var. *pauciflora*
- 76. *Anoda hastata*, Cav.
- 77. " "
- 78. " *pauciflora*, Cav.
- o 79. *Abutilon*
- 80. " *sedoides*, Hemsl., n. sp.
- 81. " *trilobatum*, Hemsl., n. sp.
- 82. *Malvastrum* — *Thurberi*, Gray, var.?
- 83. *Sphaeralcea angustifolia*, St. H. l.
- 84. " " var
- 85. " " "
- 86. *Sida rhombifolia*, Z.
- 87. " *filiformis*, Moris
- 88. " *rhombifolia*, var. *anisophylla*
- 89. = 87.
- 90. *Malvastrum*
- 91. " *transpiratum*, Gr.
- 92. *Gaya subtriloba*, HBK.
- 90 1/2. *Abutilon*
- 93. *Turnera aphrodisiaca*, Ward.

94. *Galphimia linifolia*, Gray
 95. *Gaudichaudia filipendula*, var.?
 96. *Dodonaea viscosa*, L. ^{var. *glaberrima*}
 97. ~~*Guaiacum*~~ *Tosticaria angustifolia*, Gray
 98. *Pistacia Mexicana*, HBK.
 99. *Geranium Schiedeanum*, Schl.
 100. *Geranium* ^{*Mexicanum*, HBK.?}
 101. *Geranium Carolinianum*, L.
 2. *Oxalis decaplylla*, HBK.
 3. " *Grahamiana*, Benth.
 4. *Thamnosma Texanum*, Gray
 5. *Pegannum Mexicanum*, Gray
 6. *Rochberlinia spinosa*, Zucc.
 7. *Cestela Nicholsonii*, HBK.
 8. *Elaphrium fagaroides*, HBK? = *Bursera*
 9. *Mortonia Palmeri*, Hemsl., n. sp. = *M. Greggii*, var.
 110. *Maytenus phyllanthoides*, Benth.
 1. *Condalia spathulata*, Gray.
 2. ^{var. *minor*} " *Mexicana*, Schl.
 3. }
 4. } *Rhamnus microphylla*, Willd.
 5. }
 6. *Rhamnus serrulata*, HBK. ^{= 698 Benth.}
 7. *Karwinskia nollis*, Schl.
 8. *Ceanothus agaveus*, Desf.
 9. }
 120. " *Greggii*, Gray
 1. *Ceanothus buxifolius*, HBK.
 2. *Ceanothus deppeanus*
 3. *Cardiospermum molle*, HBK.
 4. ³² *Rhus toxicodendron*, L.
 5. " *pachyphachis*, Hemsl., n. sp.
 6. " *microphylla*, Engelm.
 7. *Crotonaria pumila*, Bt.
 8. " ^{*obalis*, Benth.} [*maypensis*, HBK., var. ?] = *C. sinuata*, Bt.
 9. *Lupinus canus*, Hemsl.
 120. ^{or} " *cytioides* ?
 1. " *syriacus*, HB. Kew
 2. " *Ehrenbergii*, Schl.
 3. *Chaetocalyx Wislizeni*, Gray
 4. *Trifolium amabile*, var. *longifolium*.
 5. " *involutum*, Willd.
 6. " *amabile*, HBK.
 7. " *Mexicanum*, Standl. n. sp.
 8. *Indigofera leptosephala*, Benth., var. *brevis*, Watson
 9. }
 140. *Hosackia angustifolia*, Don
 1. " *pubunda*, Benth.
 2. *Proserpinaca pentaphylla*, L.
 3. *Euphorbia [amorphioides]*, HBK. ^{orthocarpus, Watson}
 4. *Salvia oleaceoides*, Benth.

Mexican Collection - 1875

- 145. *Dalea ciliolata*, Willd.
 - 6. " *picturata*, Bth
 - 7. " ~~*argyrea* aff.~~ *Greggii*, Gray = 152 + 1046 in part
 - 8. " ~~*pulchella*, Moench~~ ? = 1046 in part
 - 9. " *lasiostachya*, Benth.
 - 100. }
 - 1. = ~~144~~ *pulchella*, Moench.
 - 2. = 147 *Greggii*, Gray
 - 3. *Dalea leucostoma*, Schl.
 - 4. " *ramosissima*, Benth.
 - 5. = 149
 - 6. }
 - 7. } *Dalea trimerulata*, Lag.
 - 8. }
 - 9. " *brachystachya*, Gray ?
 - 160. " *polyccephala*, Benth.
 - 1. " *mollis*, Benth., var. ?
 - 2. " *Wrightii*, Gray
 - 3. " *progonathera*, Gray
 - 4. " [*Wrightii*, Gray] = *D. lewisana*, Watson
 - 5. " *triphysa*, Cass., i.e. *D. trifidolata*, Moench
 - 6. " *mutabilis*, Willd.
 - 7. *Prognathia sericea*, Sch. ?
 - 8. } *Astragalus*
 - 9. } ~~aff.~~ " *strigosus*, HBK. ?
 - 170. } " *Humboldtii*, Gray
 - 1. }
 - 2. *Petronia scoparia*, Gray, var. *glandulosa*, Gray
 - 3. *Astragalus triflorus*, Gray
 - 4. " *parvus*, Moench.
 - 5. " *strigosus*, HBK. ? var. *prostratus*, H. & A.
 - 6. " *leptocarpus*, Torr.
 - 7. *Desmodium obiculare*, Schl.
 - 8. " *Parrisi*, H. & A.
 - 9. " *Palmeri*, H. & A.
 - 180. " *spirale*, DC. *Wisligeni*, Engelm.
 - 1. " *spirale*, DC.
 - 2. *Erythrina* ~~*uncinatum*, DC.~~ ?
 - 3. *Phaseolus* ?
 - 4. " = *Rhynchosia macrocarpa*, Benth.
 - 5. " *obtusus*, Bth
 - 6. = 188. "
 - 7. " *heterophyllus*, HBK.
 - 8. " *polymorphus*, Watson
 - 9. *Coloquaria* (*angustifolia*, HBK.) = *C. longifolia*, Gray
 - 190. *Galactia Rhynchosia Texana*, Torr.
 - 1. = ~~189~~ *Coloquaria angustifolia* Martia, Watson - form
 - 2. *Coloquaria pulchella*, HBK.
 - 3. " *angustifolia*, var. *Martia*, Watson
 - 4. " *humifusa*, H. & A.

Parry + Palmer,

195. *Cologania* — ?
- 6. *Zornia diphylla*, Pers.
 - 7. ~~*Saphora sericea*, Nutt~~ *Lathyrus* ^{*parviflorus*, Watson} ~~*sericea*, Nutt.~~
 - 8. *Saphora sericea*, Nutt.
 - 200. " *speciosa*, Bth in *S. secundiflora*, Lag.
 - 1. *Dicrananthus depressus*, HBK *incurvus*, Nutt.
 - 2. *Hoffmannseggia stricta*, Bth
 - 3. *Parkinsonia aculeata*, L.
 - 4. *Cassia leptocarpa*, Bth
 - 5. *Brougniartia* (at *Hoffmannseggia*) *Parryi*, Hensl.
 - 6. *Cassia barbinoides*, Gray
 - 7. " *cordalarioides*, Bth
 - 8. " *callosissima*, Mart.?
 - 9. *Sebania foeniculifolia*, DC *Cavanillesii*, Watson
 - 210. *Cassia pennilobio*, Gray
 - 1. *Prosopis juliflora*, DC
 - 2. *Calliandra* [confusa, Bth] *eriosphylla*, Nutt.
 - 3. *Acacia amentacea*, DC.
 - 4. " *condricha*, Bth
 - 5. *Mimosa*
 - 6. " *binucifera*, Nutt., var.?
 - 7. " *flexuosa*, Bth. *acanthocarpa*, Bth
 - 8. *Acacia* ? *filicina*, Willd.
 - 9. *Pithecolobium Schaffneri*, Watson
 - 220. *Pithecolobium Palmeri*, Hensl. " sp.
 - 1. *Ononis* (*Argyrolis*, HBK) *microphylla*.
 - 2. " *serotina* or *densa*, P. Capuli, Cav.
 - 3. *Spiraea discolor*, Pursh, var. *densa*,
 - 4. *Rubus trivialis* ?
 - 5. *Cercocarpus parviflorus*, Nutt. ? var. *pauciflorus*, Watson
 - 6. *Cassia plicata*.
 - 7. *Achillea aibaldiaefolia*
Sotia, *conula*
 - 8. *Crataegus Mexicana*.
 - 9. *Choisya ternata*
 - 230. *Cotoneaster denticulata*
 - 1. *Hemihura rubescens*
 - 2. *Ribes* ^{*Sporonaceae denticulata*} Rub. —
 - 3. *Botrychium* — ? 2 *opuntia*
 - 4. *Sedum peruvianum*, Hensl.
 - 5. " *fussum*, Hensl.
 - 6. *Sedum Greggii*, Hensl.
 - 7. " *nut. frum*
 - 8. *Corydalis parviflora*, Hensl.
 - 9. *Sedum robustum*, Hensl.
 - 240. *Plumbago pulchella*, Boiss
 - 1. *Plumbago scandens*, L.
 - 2. *Cuphata argentea*, Cav.
 - 3. *Lythrum Kennedyanum*, HBK.
 - 4. *Landouzia* or (*Hedoma*) *micrantha*.

Mexican Collection - 1894

- 245. *Lythrum gracile*, Benth
 - 6. *Nesaea salicifolia*, HBK.
 - 7. *Gnossia repens*, L., v. *Californica*,
 - 6. *Oenothera Hartwegii*, Benth., var.
 - 9. " [*dissecta*, Gray - n. 1/2] Harvard, Watson
 -250. " *tetraphora*, Cav., var.
 1. "
 - 2. " *speciosa*, Nutt.
 - 3. " *sinuata*, Mx
 - 4. } *Gaura coccinea*, Nutt.
 - 5. }
 - 6. *Epipcia trichora*, Schlecht. ?
 - 7. *Mentzelia hispida*, Willd.
 - 8. *Cercaria sinuata*, Lag.
 - 9. *Passiflora bryonioides*, HBK.
 -260. *Sicydium Linthoumeri*, Gray
 1. *Microsechium radiale*, Vand.
 2. *Apodanthera undulata*, Gray undulata
 3. *Begonia gracilis*, HBK., var. *Marthiana*, Hemsl.
 4. " warting
 5. " "
 6. " "
 7. " "
 8. *Mamillaria* "
 9. *Echinocactus phyllanthus* "
 270. " *cornigens*
 1. "
 2. "
 3. *Echinocactus*
 4. *Cereus geometrizans*
 5. *Cereus marginatus*
 6. *Cereus* " *Pitayaya*"
 7. " *cinnascens*, Dr. f. Gray. (1892)
 8. " *acifer*, Otto " "
 9. *Opuntia Tuna*
 280. " warting
 1. "
 2. " Cact.
 - 3. *Mollugo verticillata*
 - 4. *Eryngium serratum*, Cav.
 - 5. " *aquaticum*, L. - but = *E. Dyffianum*, Ch. Hall.
 - 6. " *"wrightii*, Gray - but = *E. carliniae*, Delor.
 - 7. *Crawleya limata*, Nutt.
 - 8. *Peucedanum Mexicanum*, Watson
 9. *Berula angustifolia* "
 290. *Aracacia atropurpurea*, Benth.
 - 1. *Daucus montanus*, Willd.
 - 2. } *Euroschus peucedanoides*, Benth. & Hook.
 - 3. }
 - 4. *Apium leptophyllum*, Nutt.

295. "Garrya laurifolia, Hook.", but = *G. ovalis*, Kth
 - 6. *Symphoricarpos microphyllus*, H.K.
 - 7. *Lonicera pilosa*, Willd.
 - 8. *Bouvardia hirtella*, H.K. Rub. = *B. hypoleuca*, Kth
 9. *Abelia coriacea*, ^{H.K.} ~~H.K.~~ ^{H.K.} ~~H.K.~~
 300. *Houstonia missa*, Cav.
 - 0. *Houstonia Coulteri*, Gray
 1. *Houstonia missa*, Gray *wrightii*, Gray
 - 2. *Mallostoma acroza*, H.K. = *Houstonia acroza*, Gray
 - 3. *Sisodia prostrata*, Sw., var. *longica*, DC
 - 4. " "
 - 5. *Mitracarpus breviflorus*, Gray
 - 6. *Spermocece subulata*, Par.
 - 7. *Spermocece pedocephala*, DC
 - 8. *Relbunium polypleum*, H.K.
 - 9. " *microphyllum*, H.K.
 310. " "
 - 1. *Valeriana corbifolia*, H.K.
 - 2. *Valeriana Tolucana*, DC
 3. *Eupatorium pulchellum*, H.K.
 4. *Piqueria (pilosa, H.K.) trimera*, Cav.
 5. *Agratum caelestinum*, Sims, var. (*C. congesta*, DC.)
 6. *Eupatorium betonicum*
 7. *Agratum caelestinum*, Sims.
 8. = 315?
 9. *Stevia stenophylla*, Gray, n. sp.
 320. " *microphylla*, H.K., var. *lucida*, Sch. Bip.
 0. " *climaculata*, DC.
 1. " *monanthia*, H.K., var. *coriifolia*?
 1. " *salicifolia*, Cav.
 2. " *monanthia*, H.K.
 3. " *Boylaniana*, Gray.
 3. " *eupatoria*, Willd.
 3. " *microphylla*?
 4. " "
 5. " *acutata*, Cav.
 6. " *salicifolia*, Cav., var. *nana*
 7. " *lucida*, Lag.
 8. " *microanthia*, Lag.
 9. *Carphochaete Grahamii*, Gray.
 330. *Stevia elation* H.K.
 0. " *monanthia*, H.K., var.?
 1. *Tagetes microanthia*, Cav.
 2. *Vernonia monensis*, Sch. Bip. = *foliosa*, H.K.
 3. *Eupatorium Espinosarium*, Gray, n. sp.
 4. " *amplifolium*, Gray, n. sp.
 5. " *glanum*, Schultze, Bip.
 6. " *ecordonoides*, Gray, n. sp.
 7. " *lysoptimum*, Gray, n. sp.
 8. *Baccharis mucronata*, H.K. ♀
 9. same ♂
 340. *Eupatorium Mendocini* DC., var. *acuminatissimum*
 1. " *agaveum*, DC.
 2. " *brevipes*, DC.
 3. " *puberula*, Moq.
 4. " *espinosarium*, var. *ambiguum*, Gray.

Mexican Collection - 1876.

445. *Zaluzania tubosa*, DC.6. " *indissimilis*, Gr. n.s.p.7. *Lintheimera Mexicana*, Gr. n.s.p.8. *Calca albida*, Gray, n.s.p.9. *Aspilota hispida*446. *Perymenium tenellum*, Gray, n.s.p.1. ~~x~~ *Zexmenia brevifolia*, Gray2. *Helianthus*3. *Viguiera semilifolia*, DC.4. *Viguiera linearis* (Leipziger, DC.)

5. " " var.

6. *Tithonia tubiformis*, Cass.7. *Verbena paucifolia*, DC.8. *Helianthus* or *Viguiera* exalt., B.H. fr.

9. = 456

447. *Helianthus occidentalis*, Nutt.1. *Actinomeris*2. *Encelia microphylla*, Gr. n.s.p.3. *Helianthella Mexicana*, Gr. n.s.p.4. *Spilanthus Nevadaensis*, DC.5. *Phylactis longipes*, Gr. n.s.p.6. *Verbena vororia*, Gr. n.s.p.7. *Viguiera*8. *Sclerocarpus uniseriatis* (Gymnosperm, Ht.)9. *Verbena encelioides*, Ht.9. *Flourensia cernua*, DC.448. *Trochophora heterophylla*, Ht.1. *Encelia auriculata Mexicana*, Mart.2. *Viguiera laxa*3. *Encelia lagasceaformis*4. *Verbena capitata*, Gr.5. *Actinomeris tetrapetala*, DC.6. *Verbena hypoleuca*, Gray, n.s.p.7. *Perymenium parvifolium*, Gray, n.s.p.8. *Heterophyllum frutescens*, Willd.9. *Dahlia varidilis*, n. n.

90.

1. *Cosmos diversifolius* ?2. " *parvifolius*, Willd.

3. 70 young - perhaps 40%.

4. *Bidens cuneata*, DC.?5. " *Seemannii*6. " *angustissima*, HMK.?7. " *angusta*, HMK.8. *Cosmos*, n. n. c. *angusta*9. *Tridax Palmeri*, Gray, n.s.p.

90.

1. *Calcea elegans*, DC.?2. *Galinsoga parviflora*, Cass. mainly (near *Sabatia*)3. *Bahia abrotanifolia*, Ht.4. " *anthemidis* (Achyrocline, HMK.)

495. *Floristina* *judata*
 54. *Palatofia Texana*, Dr.
 6. *Piquetaria serrata*, Gray, n. sp.
 6 1/2. *Calia pedunculata*, Cav.
 7. *Calia pedunculata*, HWK.
 8. *Flaveria linearis*, Lag. *longifolia*, Gray
 9. " *Contrayca*, L., forma
 500. (= 495) *Flaveria anomala*, Rob. n. sp. = *Quinglea* Decg.
 1. *Porophyllum Greggii*, Gray
 2. " *Tagetoides*, Dr.?
 3. *Tagetes pedunculata*, Lag.
 4. " *Parryi*, Gray, n. sp.
 5. *Porophyllum macrocephalum*, Dr.
 6. *Tagetes lucida*, L.
 7. *Dryadla chrysanthemoides*, Dr.
 8. *Tridax coronopifolia* (*Philostephium*, HWK.)
 9. " *balbinoides* (*Calinscop* ")
 10. " *cardioides*, Gray, n. sp.
 1. x " *trifida*, var. *altoradiosa*, Gray.
 2. *Dryadla subintegerrima*, Lag.
 3. *Hymenatherum acrosum*, Gray
 4. " *Harburgii*, Gr.
 5. " *Nelaudieri*, Dr.
 6. *Thymophyllum arifolia*, Lag.
 7. *Hyemenatherum diffusum*, Gray
 8. *Chrysanthemum Mexicana*, Gray
 9. *Pectis angustifolia*, Torr., var. *subaristata*, Gr.
 520. *Tridax procumbens*, L.
 521. *subaristata* (Palmeri, Gray, n. sp.)
 1. *Helenium amplibolum*, Gr.
 2. " *tennifolium*, Nutt.
 3. ~~522~~ *Mexicanum*, HWK.
 3. *bochimium*, Gray
 4. *Achillea chrysanthemoides*, Gr.
 5. *Xanthocephalum humile*, Benth.
 6. " *Bouplandianum*, Dr.
 7. *Zaluzania globosa*, Sch. Bip.
 8. *Asteriscia Wrightii*, n. sp. (possibly)
 9.
 301. " *Mexicana*, Willd.
 1.
 2. x *vacat*
 3. *Senecio sanguinolenta*, Dr.
 4. " *longilobus*, Bth.
 5. x *vacat*
 6. " *multidistatus*, Sch. Bip.
 7. " *Edwardsii*, Dr., var. *modestus*, Sch. Bip.
 8. " *salicifolius*, Dr.
 9. " *Achenbournianus*, Schauer
 40. " *praeceps*, Dr.
 1. *Cacalia cordifolia*, HWK.
 2. *Senecio obtusatus*, Dr.
 3. *Cacalia peltata*, HWK.
 4. *Chaptalia nutans*, Benth.

Mexican Collection - 1870

545. *Peruvia* Ranji, Gray, n. sp.
 6. " nana, Gray
 7. " Coulteri & oxylopiis, Gray. n. sp.
 8. x " regida, Gray
 9. *Trixis* angustifolia, DC
 50. " frutescens, B. & H.
 1. *Hieracium* nivosperrum, Fries?
 2. *Pyrola* sessans, DC
 3. *Hieracium* mexicanum, Less.
 4. *Pinasopappus* roseus, Less.
 5. *Pyrola* multicaulis, DC
 6. *Lobelia* nana var. 2. Molandieri
 7. " micrantha
 8. ~~*Linaria* nigida, Less.~~ *Lobelia* funestralis, Cav.
 9. " grima, Cav.
 40. " Leiffia, angustifolia
 1. *N. acaciium* confertum, MMK. n. sp.
 2. *Phlox* humilis, Lamplia Lindl., Bot. Ry.
 3. " (various MMK?) glandulosus, Mark & Sch.
 4. *Protostaphyle* pubifolia, MMK.
 5. " purpurea, MMK.
 6. *Andromeda* feruginea, Walt.
 7. *Montanoa* uniflora (coccinea)
 8. *Lanana* cavila
 9. *Samolus* stradecatus, MMK, var.
 50. *Menziesia* heliathemoides
 1. " Coulteri, Gray heliathemoides, form.
 2. *Traxius* viridis v. Pulandieri?
 3. *Arctostaphylos* purpurea, Gray
 4. *Macrorhynchos* pyrolacea
 5. *Vincetoxicum* mexicanum, Watson
 6. *Asclepias* brachystephana, Engelm.
 7. " curassavica, L.
 8. " lanuginosa, MMK.
 9. " clara, Bth.
 50. " spumularia, Torr.
 1. " angustifolia, Schw. n. sp. (1)
 2. " Schaffneri, Gray, n. sp.
 3. " quinquedantata, ~~Gray~~ Gray
 4. " whitakeri, v. galivides
 5. " linaria, Cav.
 6. *Lachnostoma* (b. *Stakia*) sp. *Gonolobus* pogonanthus, Hemsl.
 7. *Asclepias* longicornis, Bth. = 670 G. Hinds.
 8. *Chthamidia* pedunculata, Don. *Gonolobus*, Hemsl.
 9. *Philibertia* elegans
 90. *Ad.* n. sp. *Gonolobus* bifidus, Hemsl. n. sp.
 1. *Gonolobus* sp.?
 2. *Phlox* calicellata, Swins. = 3. elliptica, DC.
 3. *Bulnesia* serotina, MMK.
 4. " = 596.
 5. " humboldtiana, R. & S.
 6. " vericillata, MMK.
 7. " calicellata (MMK) Americana, L.

595. *Middleia acuminata*, HBK.
 600. *Middleia acuminata*, HBK.
 7. *Erythraea chilensis*, Pers. (3)
 8. " (*speciosa*) - *macrantha*, Benth.
 9. *Gentiana apathetica*, HBK.
 600. *Halenia* ~~*brachyura*~~ ^{*parryi*} = *Ex. parryi*, Griseb.
 1. *Gilia incisa*, Benth.
 2. *Colomia Canadensis*, Benth.
 3. *Loesia canula*, " "
 4. " *coccinea*.
 5. *Gilia rigida*, Benth.
 5 1/2. *Loesia glandulosa* - var. *fendleri*
 6. *Phacelia pinnatifida*, Griseb.
 7. *Phacelia undulata*, HBK.
 8. " *undulata* -
 9. " (*Depressum*, n. sp.) - *Schaffneri*, Gray, n. sp.
 610. " *dictyonum* Choisy
 1. " (*hispidula*, Griseb.) = *dictyonum*, *hispidula*.
 2. " *origanifolium*, HBK. + *U. ruficula*, Choisy.
 3. *Townsendia capitata*, M. & S.
 4. " *candida*, Wats.
 5. *Stemmacanthus canescens* Torr.
 5 1/2. *Stemmacanthus* Gray - n. sp.
 6. *Heliotropium* ~~*brachyura*~~ ^{*parryi*} = *Heliotropium*, *brachyura*, Wats.
 7. " *parryi*, Griseb.
 8. = 616 *Heliotropium* *parryi*, Wats.
 9. " (*rigidulum*, Griseb.) = *Heliotropium* *undulatum* = *undulatum*, Griseb.
 620. *Lithospermum*, sp. *strictum*, Benth.
 1. " *dictyonum*, M.
 2. *Heliotropium* *strictum*, Benth.
 3. *Eritrichium* (*parryi*, Wats. = *is*) *hispidum*, Benth.
 4. *Didymopanax argentea*, Willd.
 5. *Quamoclit viduata*, Choisy. = *Quamoclit* *hedinii*, Griseb.
 6. *Monarda muricata*, Cav. = *l. capillacea*, Griseb.
 7. " *rtans*, Cav.
 8. *Evolv. alsinoides*, L. var.
 9. *Convolv. squarrosus* Benth. = *incanum* Vahl.
 630. *Mimulus* *monanthus*, Benth. + *Monelia* *erecta*, Griseb.
 9. *Cucurbit. foetida*, L. = *C. tinctoria*
 2. *Solanum tuberosum*, L. var.?
 3. " *triquetrum*, Cav.
 4. " *incanum* L. var.
 5. " *hirsutum*, L.
 6. " *elaeagnifolium*, Cav.
 7. " *torreyi*, Griseb.
 8. " *Carruthersii*, Gray
 9. " *verbascifolium*, L.
 640. *Physalis angulata*, Jacq. f. *angulata* (*Capsicifera* Griseb.)
 1. " *mollis*, Walt. var. *chrysocoma*, Gray
 2. " *frutescens*, Gray
 3. " *lanceolata*.
 4. " *incandens* L. var. 453, Benth.

704 1/2 *Lachnia incana* (Sericopellis Nes)

633 *Solanum tuberosum*, et *Lamarini*

639 $\frac{1}{2}$ Stamm.

1562 *Libelia Birlandieri* A. 96.

622% *Antiphrytum heliotropoides* - A. DC

615 $\frac{1}{2}$ *Sama hispidum*, var. *incanum*. Gray

7006 Tetraodon hispidus. Nes

676 $\frac{1}{2}$ *Oldenlandia* near *O. micrantha* ca-

667 $\frac{1}{2}$ *Pantodon imberbis*

595 1/2 *Waltheria Americana* - L

5942 *Buddleia callicarpoides* HBK

593½ Buddleia —

5-64" *Arctostaphylos* *polifolia*

616½ *Goldenia hispida* Gray, var. -
brake-leaved

619 1/2 *Helianthemum imbratum* ^{bracteolatum}

613 $\frac{1}{2}$ It - *Indicum*

—1. *Leithospermella*, H.K.? *Leptomyces*, H.K., var.

42 " tenuiflora, Ath., var.?

3. *Convolvulus Americana*, Mull. Mexicana, Gray
39 *Utricularia citrea*!

3/2 Utricularia gibba, L.

— 4. *Prinquenda candata*, Schl.

- 4 1/2 *Utracina dentichelata*, Beng.?

Mexican Collection - 1876

645. *Physalis* *pubescens* L. ?
 6. " ?
 7. " *lanceolata*, ? var (*lanceolata* Nutt.)
 - 8. " *mollis*, Nutt., var. *cinnamomea*, Gray
 9 ? " "
 650. } " = 266 Griseb.
 - 1. *Saracha glabra*, Miers s.c. *S. undulata*, Don
 - 2. *Metouzia formosa*, HBK.
 - 3. *Chamaecarpha coronopus*, Ait.
 - 4. *Lycium Berlandieri*, Don. ?
 - 5. " *patulum*, Miers *Schaffneri*, Gray
 6. *Datura* (Nebel, L.) *D. maculata*
 - 6 1/2. *Lycium* (*atoloides*, Miers) *Berlandieri*
 - 7. *Datura stramonium*, L. ?
 - 8. " *ferox*, L. *guineensis*, HBK.
 - 9. *Nicotiana glauca*, Viv. = *repanda*
 660. " *spinosiflora*, Don. = *trigonifolia* ?
 - 1. *Peruvia parviflora*, Don
 2. *Stemmadia Andrieuxii*, Don. ?
 - 3. " *Leucophyllum Texanum*, Bth
 - 4. *Mammillaria Barclayana*, Lindl.
 - 5. *Antirrhinum mammosidoides*, A. Gr.
 - 6. *Pentstemon* ^{*baudryi*, Hb., var. *Schaffneri*, Hb.} ~~*baudryi*~~ *oblongifolius*, n. sp.
 - 7. " *barbatus*, Nutt.
 - 8. = 668 ? " *imbricatus*, Bth
 - 9. " *campanulatus*, Mill.
 - 670. *Gerardia peduncularis*, Bth
 - 1. *Pentstemon* (*tennifolius* var. *barbiger*, Griseb.)
 - 2. " *tennifolius*, Benth. X var. *humilis*
 3. *Lamourea linearis*, Bth
 - 4. *Herpestis* (*radicata*, Bth., Hb.) ?
 - 5. *Minulus glaberrimus*, HBK. !
 - 6. *Stemmadia radioloides*, Bth
 - 6 1/2. *Stemmadia* (*baudryi*, Hb., var. *Schaffneri*, Hb.) = *O. ovata*, Watson
 - 7. *Herpestis Monnina*, HBK.
 - 8. *Veronica peruviana*, L.
 - 9. *Stemmadia durantiifolia*, Gr.
 680. *Tillandsia angustifolia*, Nutt.
 1. *Sibthorpia rebusa*, HBK.
 - 2. *Seymeria virgata*, Bth
 3. " *decurva*, "
 - 4. *Bedicularis Canadensis* = 1360 Coulter.
 5. *Lilium acrophyllum*, Bth
 - 6. *Lamourea chinensis*, HBK.
 7. " *multiplora*, HBK.
 - 8. *Castilleja canescens*, Bth
 - 9. " *lanata*, Ait.
 690. " *cf. C. acrophylla* ?
 - 1. " (*Lithospermum*), HBK. ? *acrophylla*, HBK. var. ?
 - 2. " *tenniflora*, Bth., var. ?
 - 3. *Congelialis Americana*, Nutt. *Mexicana*, Gray
 3 1/2. *Utricularia gibba*, L.
 - 4. *Pinguicula candata*, Coll.
 - 4 1/2. *Utricularia denticulata*, Benj. ?

695. *Prignonia bucinchorium*, DC.
 6. *Ucoma mollis*, HBK. *same as 1.*
 7. *Malva fraxinea*, L.
 8. *Salvia apollinaris*, Mor. & Serr.
 9. *Calophyllum [gammia - mexicanum, Mus] decumbens*, Gr.
 700. *Tetramecium hispidum*, Mus.
 1. *Nierembergia [batia boucheana] = 270 Gr. H.*
 1 1/2. *Siphonoglossa pilosella*, Gr. = 1213 Coulter [not seen]
 2. *Isachne involucrata*, Don.
 2 1/2. *Brassia biflora*, Chrys?
 3. *Cryptocanthus diffusus*, Mus. [Stenandrium dulce]
 4. *Senecio graphis incana*, Mus.
 4 1/2. *Jacobina incana*, B. & H.
 5. *Rubiacea* *prope R. adonia*, no fruit.
 6. *Anisacanthus virgularis*, Mus.
 6 1/2. *Lantana camara*, L.
 7. *Lippia* ? [Lantana canescens, HBK.]
 7 1/2. *Lantana velutina*, M. & G.
 710. *Lippia cordifolia*, Rich. lanceolata, Mx.
 1. " *repens*, HBK. " with some *Lantana macrophylla*, Torr.
 2. " *lycioides*, Steud.
 2 1/2. " *lecondensis* ? [?] *macrostachya*, Wimmer
 3. *Priva aspera* ?
 4. *Mentha flabrida* *in fruit*,
 5. *Verbena bracteosa* var.
 6. *Bouchea Ehrenbergii*, Cham.
 7. *Verbena officinalis*, L.
 8. " "
 9. " *ciliata*, Bth.
 720. " " "
 1. *Kochia hirsuta*, DC. var. *alpestris*
 2. *Valeriana* *bracteata*, Hook. (?) *canescens* var.
 2 1/2. *Bouchea Ehrenbergii*
 3. *Lyceum* aff. *puberulum*, Torr. = *L. brachyanthum*, Gray
 4. *Buddleia lanceolata* ?
 5. " *Humboldtiana*, R. & T.
 5 1/2. *Alphacanthus canescens*
 6. *Tetradlea Coulteri*, Alb.
 7. *Zinnia arborea*, L.
 8. *Hedrona* [annulosa sp. ?]
 9. *Salvia helianthemifolia*, Bth.
 730. " *laxiantha*, Bth.
 1. " " var.
 2. *Stachys coccinea*, Jacq.
 3. " *1075 Coulter* *S. Drummondii*
 3 1/2. *Munilla vulgaris*, L.
 4. *Dephacinia procumbens* (?) in part *Stachys* (mine), *Drummondii*
 5. *Stachys*
 6. *Salvia hirsuta*, Jacq.
 7. *Achyrocline virginica* *Neomexicana*, Mill. Arg.
 8. *Hedrona Drummondii*, Bth. *same as 1.*
 9. *Salvia Grahamii* aff.
 740. " ? *stud. int.*
 0 1/2. *Gardoa mexicana*, Bth.
 1. *Salvia Repa*, Cav.
 2. *Hedrona* ? (same as 1) = 1131 Coulter. *Sphaele mexicana*
 3. *Salvia tiliaefolia*, Vahl
 4. " *lanceolata*, Mill.

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45. } *Salvia nana*, HBK.
 - 6. " = 741
 - 7. " = 743
 - 8. " *microphylla*, HBK.
 - 9. *poliomintha*? Muhl. = 1040 Coul.
 - 50. *Salvia chamadryoides*, Cav.
 - 1. " ? near *S. thymoides*
 - 1 1/2 = 750
 - 2. " *amorisem*, HBK.
 - 3. = 750 "
 - 4. " *Grahami*, var. (*S. obtusa*, Moq.?)
 - 5. "
 - 6. " *glechonanthifolia*, HBK.
 - 7. } "
 - 8. } "*Mexicana* (in part.) var?
 - 9. " *patens*, Cav.
 - 60. " *angustifolia*, Cav., var. *glabra*, Gray
 - 1. " *glechonanthifolia*, var.? near (*S. pumiloides*)
 - 2. *Cedronella Mexicana*, Bth.
 - 3. *Plantago Virginica*, L.? More not
 - 4. " *caulescens*, Watson
 - 5. " *Mexicana*, Link.
 - 6. - *Aristolochia brevipes*, Bth. var.
 - 7. *Oxybaphus angustifolius*, Sw.
 - 8. - (= 76) (in part) *aggregatus*, Vahl = 10 Schoeff. 651 Bong.
 - 9. " *glaberrimus*, Vahl
 770. - *Boerhaavia paniculata*, Rich.
 1. - *Senecioidea glabra*, Cav. non found
 2. - *Boerhaavia scandens*, L.
 3. *Mirabilis*
 4. *Acletoanthus longiflorus*, HBK.
 - 5. *Mirabilis jalapa*, L.
 - 6. *Rivina humilis*, L.
 - 7. *Phytolacca octandra*, L.
 - 8. *Chenopodium scandens*, L.
 - 9. *Chenopodium diffusum*, Watson. *cornutum*, Bth.
 - 10. *Atriplex parvifolia*, HBK.? = 377 L. *alloti* " *arenaria*, f. Hurd
 - 11. *Chenopodium ambrosioides*, L.
 - 80. " *Behaviana*, Moq. var. + *Atriplex parvifolia*, in part
 1. *Pilea microphylla*, Liebm.
 - 2. } *Atriplex canescens*, Nutt.
 - 3. } *Thiana tetraphylla*, Bth.
 4. *Ananthes hypochondriacus*?
 - 5. } *Ananthes reticulata*, L. "
 - 6. } " *chlorostachya* " L. non found
 - 7. " *chlorostachya*, Desf. L. *Palmeri*, Watson
 - 8. *Guilleminea densa*, Moq.
 - 9. *Alphonseanthus Achyranthes*, HBK. with *Gomphanthus rigidiflorus*
 - 10. *Eomphrena decumbens*, Pers.? *diffusa*
 - 90. *Picramnia leptocaulis*, H. & A.
 - 1. *Fmelichia* ?? with *insane* - ?
 - 2. *Alphonseanthus latifolia*, Moq. Bth.
 - 3. *Alphonseanthus ciliatolus*, L.
 - 4. *Fmelichia integrifolia*, Moq.
 - 5. *Rumex Mexicana*, Meisn. 13 or Coul. etc.

Parry + Palmer,

995. *Eriogonum Abertiannum* Torr.
 6. " *Wrightii*, Torr.
 7. " *Greggii*, Torr.
 8. *Litsia glaucescens*, Sprng. " *Sacred Laurel* " = 342 Has.
 9. *Phoradendron* ^{var. *gibbifolia*, Meisn.}
 10. *" rubrum*, Griseb.
 100. *Loasanthus calyculeatus*, DC
 1. *Piperomia* = 125 Liebm. a
 2. *Piperomia umbilicata*, R. & S., var. *macrophylla*, C. & C.
 3. *Euphorbia campustis*, Ch. Tch.
 4. " *geniculata*, R. & S.
 5. " *dentata*, Mx., var. *lasiocarpa*, Roiss.
 6. " *biformis*, Watson
 7. " *sphaerophylla*, Bth.
 8. " *obtusifolia*, Griseb.
 9. *" patulifolia*, Griseb.
 10. *"* *Preslii*, Griseb.
 11. *"* *"*
 12. *"* *serotina*, Griseb.
 13. *"* *serotina*, Griseb.
 14. *"* *hypnoidifolia*, L. var.
 15. *"* *annulata*, Roiss.?
 16. *"* *Preslii*, Griseb.
 17. *"* *puberula*, L., var. *procumbens*, Roiss.
 18. *"* *divica*, HBK. *adenophora*, Nutt.
 19. *"* *hypnoidifolia*, var. *prostrata*, Griseb.
 20. *"* *prostrata*, Griseb.
 21. *"* *divica*, HBK. *adenophora*, Nutt.
 22. *"* *serotina*, Griseb.
 23. *"* *amblyophylla*, Zucc.
 24. *"* *radians*, Bth.
 25. *Stillingia zelayensis*, Muhl.
 26. *Acalypha mollis*, HBK.
 27. *"* *monostachya*, Cav. *anemioides*, HBK.
 28. *"* *"*
 29. *"* *"*
 30. *Tragia* *pubescens*, Cav. *stylaris*, Muhl. *urticifolia*, Mx.
 31. *Croton gracilis*, Kth.
 32. *"* *monifolius*, Willd., var. *ephaerocarpus*, Muhl. arg.
 33. *"* *capitatus*, Griseb.
 34. *Gnaphalium epaulata*, Muhl., var. *umbellifera*, Muhl.
 35. *Aspicarpa* *longipes*
 36. *Paristonia Pennsylvanica*, Muhl. *Floridana*, Nutt.
 37. *Urtica urons*, L.
 38. *Platanus Mexicana*
 39. *Carya Mexicana*, Engelm. n. sp.
 40. *"* *mollis*, Engelm.
 41. *Carya olivacea*
 42. *Quercus crassifolia*, HBK. *aglandensis*?
 43. *"* *Diospyphylla*, Bth.
 44. *"* *"*
 45. *"* *castanea*, var. *mexicana* DC
 46. *Salix capifolia*, HBK.
 47. *"* *Humboldtiana*, Willd.
 48. *Populus nigra* " *P. canadensis* aff."
 49. *"* *alba*, Willd. var.
 50. *Populus fremontii*, Hooker, var. *almsligensis*
 51. *Pinus Tecota*, Ch. Tch.
 52. *"* *"*

Mexican Collection, 1916

845. *Pinn. leiophylla* waltg
 57. " *montezumae* waltg
 → 6. " *centroideis* waltg
 7. *Abies religiosa* waltg
 → 8. *Cypripedium Benthami* = *C. Arizona*, Greene?
 9. " *pyramidalis* (Culverth.) "aff. *macrocarpa*"
 850. *Tapodium cuspidatum* waltg "7. *macrocarpum*, Ten"
 1. *Gymnopus tetragona*, var. *tennis* - apparently *G. occidentalis* var. *conjugens*
 2. " *tetragona*
 → 3. " *flacida* ?
 4. "*Ephedra arborescens*", Engelm (probably *E. aspera*, Eng) waltg
 → 5. " "*holosericea*, n. sp." = *E. pedunculata*, Engelm
 → 6. *Potamogeton hybridus*, Mx
 → 7. *Habenaria Speiranthes* ? *S. polyantha*, Reichef.
 → 8. *Microstylis montana*, Rth
 9. " *ophiophylla*, var. *mexicana*, Lindl.
 → 860. *Habenaria* ?
 → 1. *Hexalepis apophylla*, Raf
 2.
 3.
 4. *Cornelia Andrieuxii*, Reichef
 → 5. *Agave guttata*, Jac. o. Bonchi (?)
 → 6. *Agave Bechornera tubiflora*, Kth.
 → 7. *Porrea sessiliflora*, Hensl. *Stemmatylis multiflora*, Kth, Kth. (no number)
 → 8. *Zephyranthes concolor*, Kth, Oth. Kth.
 → 9. " *pallida*, Boem. *Z. concolor*, f. Hensl.
 → 870. " *[aurica, Watson]* = *Z. longistylis*, Hensl!
 → 1. *Hypoxis decumbens*, L.
 → 2. *Tillandsia tortilis*, Klopach
 → 2 1/2. " *recurvata*, L. *[Hypoxis]* Kth
 3. " *[Hypoxis]* Kth
 → 4. *Bolma humilis*, Watson - n. sp. (*Psaronia Watsoni*, Baker)
 → 5. " *acrostichum*, Zucc., var. " *humilis*, Baker?
 → 6. *Dasylinion graminifolium*, Zucc.
 → 7. *Hechtia glomerata*, Zucc. Brown
 → 8. *Seymouria tenuifolia*, HBK (= 2664 Bouz.)
 → 9. " *scabrum*, Ch. & Sch. (= 1544 Coulter)
 → 9 1/2. " " *[Hartwegii, Baker]* f. Hensl.
 → 880. = 878 " "*Hartwegii*, Baker" f. Hensl.
 → 1. " *isidifolia* → *Schaffneri*, Watson - n. sp.
 → 2. *Trichosporon Drummondii*, Gray (= 1570 Coulter)
 3. *Aloe*
 → 4. *Milla biflora*, Cav.
 → 5. *Alvim glandulosum*, L. + O. (?) *scapiforme*, Rth. - in part
 → 6. *Alvim* *Polycordum striatum*, Kth.
 → 7. *Stemmatylis nana*, Watson *ind. 5*
 8. *Anthericum nanum*, Baker.
 9. (*Hesperomorphus*) *Anthericum scabellum*, Baker?
 → 890. *Echeandia tenuiflora*, DC. ? + *Hesperomorphus leptophyllum*, Baker
 → 1. *Calochortus flavus*, Schult. f. *also Anth. scabellum*, f. Hensl.
 → 2. *Zygadenus* *volcanicus*, Rth.
 → 3. *Juncus acuminatus*, Mx
 → 4. " *tennis*, Miles

- 895. *Juncus acuminatus*, Mx
 -6. " *biflorus*, L.
 -7. " *xiphioides*, Mey
 -8. *Heteranthera reniformis*, R. & P.
 -9. " *limosa*, Vahl
 -900. *Commelina Andrieuxia Karwinskiana*, R. & S.
 -1. *Tradescantia venusta*, Kth *linearis*, Benth.
 -2. *Tradescantia crassifolia*, Cav.
 -3. *Commelina graminifolia*, HBK.
 -4. *Cyperus melanostachyus*, HBK.
 -5. " — ?
 -6. " — ?
 -7. " *Schweinitzii*, Torr.
 -8. " *rhynchodes*, Muhl.
 -9. " *flavus*, Vahl
 -910. " } *divergens*, HBK.
 -1. " } *divergens*
 -2. *Deschampsia candelata*, Watson
 -3. " *palustris*, R. & P.
 -4. " *aciculans*, R. & P.
 -5. } *Andrieuxia*
 -6. } *Andrieuxia capillaris*, Gray
 -7. *Carex varia*, var. ?
 -8. *Rhynchospora Schaffneri*, Link?
 -9. *Sporobolus*
 920. Gram
 1. *Sporobolus* "
 -2. *Muhlenbergia dactyloides*, Engelm. = 903
 3. "
 4. "
 -5. *Scleropogon Karwinskianus*, R. & P. = 949
 -6. *Sporobolus repens*, Presl
 7. "
 8. "
 -9. *Stipa avenacea*, L., var. ?
 930. "
 1. " *variegata*
 2. "
 -3. *Epilobium* — ?
 -4. *Eragrostis major*, Hook.
 -4. " *formosa*
 -5. *Mniza rotundata*, Steud.
 -6. *Eragrostis Mexicana*, Link.
 7. "
 -8. *Eragrostis lugens*, Kunz. with some triside
 -9. *Lycurus phalaroides*, HBK.
 940. "
 -1. *Bouteloua aristoides*, Muhl.
 -2. *Stegopogon cenchroides*, H. & B.
 -3. *Bouteloua hirsuta*, Lag.
 -3. " *polystachya*, Kunz., var. *vestita*, W.
 -4. " *oleostachya*, Torr.

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- 945. *Bouteloua trifida*, Humb. & Griseb.
 - 6. " *polystachya*, Torr. "
 - 7. *Pappophorum boreale*, Ledeb. & Wright, Wats.
 8. " "
 - 9. *Scleropogon Karwinskianus*, Kth = 925
 - 950. *Eriodia arenacea*, HBK. "
 - 1. *Eriodia pulchella*, HBK. "
 - 2. *Tragus racemosus*, Desf. "
 - 3. *Buckleria dachyloridis*, Engelm. = 922
 4. "*Muhlenbergia virida*, Trin. "
 - 5. *Heteropogon contortus*, R. & S. "
 6. " — varieg.
 - 7. *Setaria viridis*, L. "
 8. "*Panicum maximum*, Jacq. " "*P. bulbosum*, v. minor, varieg.
 9. "*Urochloa* " "
 - 960. *Panicum obtusum*, HBK. "
 - 1. *Chloris elegans*, HBK. "
 - 2. *Panicum caespitosum*, Sw. "
 3. " — varieg.
 - 4. *Tragopogon Montufari*, Desv. "
 5. " "
 - 6. *Andropogon hirtiflorus*, Kth? "
 7. " "
 8. " "
 9. " "
 - 970. *Microchloa setacea*, Kth. "
 - 1. *Polypodium incarnum*, Sw. "*P. thysanolepis*, A. Th., f. Baker
 - 2. " *annuum*, L., var. *areolatum* "
 3. *Polypodium Madrasense*, J. Sm. ? "*P. plebeium*, Ledeb. var. " f. Baker
 4. *Polypodium vulgare*, L., var. — 972 f. p. = *P. Martensii*, var. " "
 5. "*Martensii*, Desv. "
 - 5. *Polypodium lanceolatum*, L.
 6. *Aspidium bifolium*, Sw.
 7. *Adiantum Capillus-veneris*, L.
 8. *Asplenium monanthemum*, L.
 9. *Cheilanthes Alabamensis*? = 906, f. Baker
 - 980. *Pellaea cordata*, J. Sm.
 1. *Cheilanthes microphylla*, var. *micronera*, Link.
 2. *Pellaea ternifolia*, Link.
 3. *Pellaea marginata*, Baker
 4. *Cheilanthes farinosa*, Kaulf.
 5. *Epimedium californicum*, Kaulf.
 6. *Cheilanthes microphylla*, Sw.
 7. *Cheilanthes Fendleri* "*C. microphylla*, Desv." f. Baker
 8. " "
 9. " n. sp.
 - 990. *Cheilanthes viscosa* "*Pellaea planca*" f. Baker
 1. *Notholaena niva*, Desv. ? vel aff. "*N. Palmeri*", Baker
 2. " *Hookeri*, Eat., var.
 3. " "
 4. *Notholaena ferruginea*, H.

Parry & Palmer,

995. *Notholaena sinuata*, Kaulf. (var. *integrina*, Hk.)

6. " "

7. *Notholaena sinuata*, Kaulf.

8. " *aquamusa*, Gray, var. *brachyphylla* = *N. brachyphylla*, Sm.

9. *Cheilanthes Linheimeri*, Hk. "n. sp." f. Baker

1000. *Woodia Peruviana*, Ch? {*W. mollis* f. Baker
" *obusa*, var. f. p. }

1. *Elychnis fragilis*, Benth.

2. *Nepenthes pedunculata*, Sw.

3. *Pellaea marginata*, Baker

4. } *Gymnogramme tomentosa*, Sw.

5. }

6. *Gymnogramme hispida*, Mett.

7. *Acrostichum viscosum*, Sw. } *gratum*, Fee

8. *Sclayndra filiformis*, Ait.

9. " *curpidata*, Kunz not in herb.

10. *Mosses Mexicana*, Ait.

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Fungus?

1030. *Ranunculus Hookeri*, Schlt.

1. *Hemimannia fumariaefolia*, Sw.

2. *Calandrinia caulescens*, HbK.

3. *Viola flagelliformis*, Hemsl. n. sp. = 36

4. *Drymaria Palmeri*, Hemsl. n. sp.

5. *Lichium schindianum*; Chittell.

6. *Breweria*

7. *Malvastrum ribifolium*, Gray

8. *Abutilon Texense*, Torr.

9. *Sida*

10. *Malachra triloba*, Desf.

1040. *Trichilia spondioides*, aff.

1. *Trimmoria concolor*, Cav. Oehl

2. *Gonolobus acuminata*

3. *Krameria cytoides*, Cav.

4. *Drymaria Karwinskya* (Tricollis), Schl.

wanting

Mexican Collection - 1674.

1045. *Eugenia*? *Xalapensis*, DC, f. Hemsl
 6. *Crotalaria incana*, L.
 7. *Dalia diffusa*, Moni.
 8. " ~~argyrea~~ aff. ~~& d. pulchella~~ Greggii, Gray, & -?
 9. " *domingensis*, DC
 10. *Aschynomene Americana*, L.
 1. *Subhollandia frutescens*
 2. *Cassia bicapsularis*, L.
 3. " *pubellaria*, DC
 4. *Caesalpinia* [exotum] ff] *Mexicana*, Gray
 5. "
 6. *Crotalaria incana*, L.
 7. *Mimosa*
 8. *Cassia sericea*, Sw.
 9. *Acania Neolandini*, Kth
 60. " *farmeriana*, W.
 1. *Pithecolobium ligustrinum*, Kth.
 2. *Xylocoma*
 3. *Ribes*
 4. *Petræa arborea*, Hbst.
 5. *Galphimia* [glauca, Cav] *gracilis*, Barth.
 6. *Begonia modesta*, Lichen.
 7. *Eumela edae*? *burtonioides*, form
 8. *Spondyliocle prolifera*, Kell.
 9. *Triumfetta dumetorum*, Hbst.
 1070. *Vitis sicoides*, var. *monstrosa*
 = *Spondyliocle aphylla*, Presl.
 1. *Valeriana ambigua*
 2. *Eupatorium conyzoids*, Vahl
 3. "
 4. " *hastile*, Schauer
 5. " *turbinatum*, Gr. n. sp.
 6. " *collinum*, DC.
 7. *Brickellia conyzosa*, Gr.
 8. " *laciniata*, Gr.
 9. *Mikania gonoclada*, DC
 80. *Eupatorium ligustrinum*, DC
 1. *Vernonia liatrioides*, DC
 2. *Eupatorium hadochlamydeum*, Gr. n. sp.
 3. " *porphyranthum*, Gr. "
 4. " *stillingiaefolium*, DC
 5. *Liatria juncea*, Hb.
 6. *Brickellia diffusa*, Gr.
 7. " *Cavanillesii*, DC, var?
 8. *Gymnospermum conyzosum*, DC
 9. *Erigeron* near *E. leptophyllus*, DC
 90. *Nabia sinuata*, Less.
 1. *Trichocoronis Wrightii*, Gr.
 2. *Grangea Madroperstana*, L. var. = *Egletes viscosa*
 3. *Pentstemon acutellus*, Bth
 4. *Baeharis sordescens*, DC.

1095. *Succarpha oppositifolia*, R. Br.
 6. *Pectis Belandieri*, DC., var. ~~pauciflora~~
 7. " *latraguana*, var.? *Belandieri*, Gr.
 8. *Solidago scabrida*, DC.?
 9. *Gynandronia patens*, Gr.
 1100. *Zexmenia fasciculata*, Gr.
 1. *Melampodium divaricatum*, DC.
 2. *Gynandronia Nuttallii*, Gr.
 3. *Melampodium heterophyllum*, Lag.
 4. *Sclerocarpus uniserialis* (*Gymnopsis*, HK.)
 5. *Bomblia frutescens*
 6. *Zexmenia graphaloides*, Gr. n. sp.
 7. *Melampodium divaricatum*, v. *integrifolium*
 8. *Calcea tomentosa*, Gr. n. sp.
 9. ~~*Eclipta erecta*, L. f.~~ *Flourensia lanifolia*, DC.
 10. *Melampodium purfoliatum*, HBK.
 1. *Calcea axillaris*, DC.
 2. *Erygium nasturtiifolium*, Fiss.
 3. *Gynoxys Belandieri*, DC.
 4. *Senecio Aschenbornianus*, Schauer?
 5. *Mikania suaveolens*, HBK.
 6. *Nidens turkestanica*, DC.
 7. " *paucifolia*, DC.?
 8. *Leptochloa cancellata*, Cass.
 9. *Eclipta erecta*, L.
 20. *Elephantopus mollis*, HBK.
 1. *Trixis longifolia*, Don.
 2. *Leptochloa biflora*, L.
 3. *L. cardinalis*, L.
 4. *Eugenia - Myrtus Dorenborgii*, Karq? - f. Hurd.
 5. *Capraria biflora*, L.
 6. *Cardia Boissieri*, Adl.
 7. *Echites* ~~ma 206?~~
 8. *Stemodia Capraria saxifragifolia*
 9. *Evolvulus arvensis*, Sw.
 10. *Bouphandra heterophylla*
 30. *Angelonia angustifolia*
 1. *Ruellia verticillata*, HBK.
 2. *Boehmeria* ??
 3. ~~*Digitaria*~~ *Achyrocline aspera*, L.
 4. *Scoparia dulcis*, L.
 5. *Calceum baccatum*, L.
 6. *Hyptis capitata*, Jacq.
 7. *Lippia* (*gracilens*, HBK.) *myriacantha* Schlecht.
 8. *Croton ciliato-glandulosus*, DC.
 9. *Acalypha* ~~ma 1147?~~
 40. " = 2216 Bthl.
 1. *Euphorbia adiantoides*, Lam.
 2. " *lasiocarpa*, Kl.
 3. *Alternanthera echinata*, Sw. = *A. Achyranthes*, var. *leimnata*, Sweb.
 4. *Celosia*

1145- *Althernathera canescens*, Moq.

6- *Telaethera pubiflora*, Moq = 2100 wr.

7- *Euphorbia*

8- *Guayana ulmifolia*

9- *Epidendrum bidentatum*

10- *Palma*

1- *Gram. Ravenna nana capillare*

2- " " (*triplicata*)

3- " *Eragrostis citraria* (Vasey)

4- " *Muhlebachia*, Fourn. (V.)

5- *Polypodium squarrosum*, L.

6- *Pellaea intramarginalis*, Jhm.

7- *Asplenium pumilum*, Sw.

New. Sept. 24, 1879.

Dear Dr Gray,

Prof. Kewer has just handed me the list of *Compositae* suitable for figuring, for which I am very much obliged to you.

Here follow some notes on *Compositae* chiefly relating to Perry & Palmer's collection. In some instances probably, you and I have not had the same plant in view, and some of the notes are mere suggestions.

332 = *Veronica foliosa* L. Bip. et *V. salicifolia* B. Bip. et *V. steelyi* B. Bip. var. *callilepis*. *V. steelyi* differs only in having larger pale bracts and larger leaves.

V. monensis L. Bip. ! (Liebmann 51)

= *V. paniculata*, DC (Audreux, 270)

1081 is this really *V. tidestromi* DC? - the outer short pappus appears true wanting

314 *Pignaria trinervis* Cav.

317 Why do you not adopt the name *A. corymbosum* Zucc?

384 ? glabrous plate of *Aster caricifolius*, B.H.K.

385 According to H.B.K., *A. linearis* Lindl., *A. riparius*

386 { H.B.K., *A. morandensis*, B.H.K., *A. lindauensis* L.

Hip., *A. Ehrenbergii*, and perhaps also *A. purpureus* are the same

391 } ? = *Erigeron pubescens* H.B.K.

392

- 377 = *Baccharis pteronioides* DC from bark. Nepal.

99 1095. *Succarpha oppositifolia*, B. Br.

6. *Pectis Berlandieri*, DC., var. ~~japonica~~

7. " *latragama*, var.? *Berlandieri*, Gr.

8. *Solidago scabrida*, DC.?

9. *Gynandromia patens*, Gr.

100 1100. *Zexmenia fasciculata*, Gr.

1. *Melampodium divaricatum*, DC.

2. *Gynandromia Nuttallii*, Gr.

3. *Melampodium heterophyllum*, Lag.

4. *Sclerocarpus uniserialis* (*Gymnosphaera*, H.K.)

5. *Borrichia frutescens*

6. *Zexmenia graphaloides*, Gr. n. sp.

7. *Melampodium divaricatum*, v. *integrifolium*

8. *Colea*

9. *Eclipta*

10. *Melampodium*

1. *Colea*

2. *Eryngium*

3. *Gymnosphaera*

4. *Senecio*

5. *Mikania*

6. *Wedelia*

7. " "

8. *Lebeckia*

9. *Eclipta*

10. *Stephanandra*

1. *Trixis*

2. *Shorea*

3. *L. C.*

4. *Eugenia*

5. *Capriaria*

6. *Cardia*

7. *Echites*

8. *Stemodia*

9. *Bouphonia*

10. *Angelonia*

1. *Bumelia*

2. *Borrichia*

3. *Achyrocline*

4. *Sesuvium*

5. *Calceolium baccatum*, L.

6. *Hypochaeris capitata*, Jacq.

7. *Lilium* (gracile, H.K.) *myriacantha* Sillb.

8. *Cristaria ciliato-glandulosa*, H.K.

9. *Acalypha*

10. " "

1. *Euphorbia adiantoides*, Lam.

2. " *lasiocarpa*, H.K.

3. *Alternanthera echinata*, Sw. = *A. Achyrantha*, var. *leimntha*, Saut.

4. *Celosia*

Bascharis cuneata = *B. conferta* and *californica*.

11. *Heterophylla* a distinct species?

Can you give me name for *Bourgeau* 951 & 1230?

408 = *Salicaria* 2448, "*B. thesioides*" aff. " *Benth.* = *lib. Benth.*

Can you give me name of *Bourgeau* 827 apparently a very distinct species?

of *Guaphalium*

417½ = "*f. Schraderei* DC., *f. roseum* HBK. or *lib. Benth.*"

413 (in part) = *Bourgeau*'s 828-828

1107 in *M. pumilum*, Benth. -

447 = *Schaffner* 279.

316 may be the same as *E. Hartwegii*.

353 our specimens are *Brickellia versicolor*.

363 = 350 - -

1087 2 sp. in *B. Cavendishii* et *B. foliis insignitis truncatis basi distincte cuneatis; involucri bracteis hanc hispida fere glabris.*

376 = *Gress* 580 & *Hartweg* 114.

375 Should this not bear the name *mexicana*?

40. " = 2216 Benth.

1. *Euphorbia adiantoides*, Lam.

2. " *lasiocarpa*, H.K.

3. *Alternanthera echinata*, Sw. = *A. Achyrantha*, var. *leimntha*, Saut.

4. *Celosia*

1145 - *Alternanthera canescens*, Moq.

6. - *Telanthura pubiflora*, Moq. = 2100 W.

7. - *Euphorbia*

8. - *Guayana ulmifolia*

9. - *Epidendrum* ~~luteolum~~

10. - *Palm*

1. - *Gram* *Panicum* *nerv capillare*

2. - " *Eragrostis ciliaris* (Vasey)

3. - " *Muhlenbergia*, *Form.* (V.)

4. - " *Grass. repens* (V.)

5. *Polypodium aquandum*, L.

6. *Pellaea intransparans*, J. Sm.

7. *Asplenium pinnatifidum*, Sw.

1092 = *Eufetia piscosa* Less
Do you regard this as a state of
Grangea madagascariensis Poir.?

279 *Grass* in hb. New

"*Gymnia pumila* Ag. Pl. Haw.

"*Diplotheis pumila* Ag. Pl. Haw.

in your handwriting

68 *Grass* 3. *pumila* Ag. Pl. Wright

I suppose this is really the
Diplotheis pumila?

452 } Compared with *Helianthus* and
453 } *Viguiera* but not matched.

Your *Mesoneuris bipinnatifida*

is = *Cacalia cervariaefolia*, DC

of which there are cultivated specimens
in hb. New. as well as from Pau Bartolo
Audreux, 321.

Whatever the ultimate fate of the
grasses, there are several other things
which should not be separated from
the *bipinnatifida*. Thus *Cacalia*
lucida *laxa* *et* *h.* (if correctly determined)
(Bourgeau, 716 - *Barthweg* 125) has all
the characters of *Mesoneuris*, except
that the heads are rather smaller.
It has *C. amplifolia*, DC. (Aud-
reux, 293)

1095. *Isocarpha oppositifolia*, R. Br.
 6. *Pectis Berlandieri*, DC., var. *japposa*,
 7. " *Labraguana*, var. ? *Berlandieri*, Gr.
 8. *Solidago scabrida*, DC.?
 9. *Gymnadenium patens*, Gr.
 1100. *Zexmenia fasciculata*, Gr.
 1. *Melampodium divaricatum*, DC.
 2. *Gymnadenium Nuttallii*, Gr.
 3. *Melampodium heterophyllum*, Lag.
 4. *Sclerocarpus uniserialis* (Gymnosperm, Hb.)
 5. *Borrichia frutescens*
 6. *Zexmenia graphaloides*, Gr. n. sp.
 7. *Melampodium divaricatum*, v. *integrifolium*
 8. *Calcea*

9. ~~*Eclipta*~~
 10. *Melampodium*
 1. *Calcea*
 2. *Eryngium*
 3. *Gymnosperm*
 4. *Senecio*
 5. *Mikania*
 6. *Hibiscus*
 7. "
 8. *Delphinium*
 9. *Eclipta*
 20. *Stephanandra*
 1. *Trixis*
 2. *Shetlandia*
 3. *L. C.*
 4. *Eryngium*
 5. *Capriaria*
 6. *Cordia*
 7. *Echinops*
 8. *Stemmadia*
 9. *Boerhaavia*
 30. *Angelica*
 1. *Bursera*
 2. *Borrichia*
 3. *Achyrocline*
 4. *Sesuvium*
 5. *Calceolium baccatum*, L.
 6. *Hypochaeris capitata*, Lag.
 7. *Hypochaeris* (gracilens, HBK.) *myriacantha* Schlecht.
 8. *Croton ciliato-pandulorum*, DC.
 9. *Acalypha*

From a cursory examination I think
 the following plants are also congeners
 with the foregoing.

Psacaleum caespitosum, Benth.
Cacalia decomposita, Gray
Cacalia pauciflora (L.) Benth.
Cacalia cirsiifolia DC.
Cacalia vespertina, DC.
Psacaleum pollatum, Cass.

However, I intend examining them carefully
 and publishing the result in the Journal
 of Botany. I have been thinking *Cacalia*
 might perhaps be limited to this group
 of species, but they may possibly have
 to go into *Senecio*.

I shall be glad to know whether
 you would associate these species.
 I have not been able to find *Cro-*
tona maritima from any save
 the Florida habitat.

I have only reached as far as
 the *Helianthus* with Perry & Palmer's

Yours faithfully

W. B. Emery

H. J. Mac. Benth. is of opinion
 that this group, *Senecionidae*, may
 be conveniently referred to *Senecioideae*.

W. B. Emery

40. - "
 1. *Euphorbia adiantoides*, Lam.
 2. - " *lasiocarpa*, Kl.
 3. *Albananthus echinatus*, Sw. = *A. Achyranthes*, var. *leimanthus*, S. & B.
 4. *Celosia*

1145- *Alternanthera canescens*, Moq.

6.- *Telaethera pubiflora*, Moq. = 2100 wr.

7.- *Euphorbia*

8.- *Guayana ulmifolia*

9.- *Epidendrum* ~~luteolum~~

10.- *Palma*

1.- *Gram* *Panicum* *non capillare*

1 1/2 - " *(Siphoanthus)*

2.- " *Eragrostis ciliaris* (Vasey)

3.- " *Muhlenbergia*, *Frans.* (V.)

4.- " *Eragr. setacea* (V.)

5. *Polypodium aquandrum*, L.

6. *Pellaea intramarginalis*, J. Sm.

7. *Asplenium pinnatum*, Sw.

8. *Cyrtopogon fragilis*, Brack.

9. *Lycopodium Mexicanum*, Presl



Parry, C. C. and Palmer, Edward. 1856. "Parry and Palmer's Collection. Mexico." *Gray Herbarium miscellaneous plant lists*

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