

Muleje, L. Calif. - June 3-10/67

1. *Rhynchosia phaeocoloides*, DC.
2. *Prosopis* Palmeri, Watson - n. sp.
3. *Vitex mollis*, HBK.
4. *Lycium Richii*, Torr.
5. *Philibertia linearis*, Gray, var. *heterophylla*, Gray.
6. *Helianthus annuus*, L.
7. *Argemone albiflora*, Hornem.
8. *Phaseolus atropurpureus*, DC., var. *arvensis*, Gray.
9. *Solanum nigrum*, L., var. *nodiflorum*, Gray.
10. *Franseria tenuifolia*, Gray.
11. *Ceanura parviflora*, Dougl.
12. *Melilotus parviflorus*, Desv.
13. *Senecio Torreyana*, Watson. = 329
14. *Physalis pubescens*, L.
15. *Heliotropium Curassavicum*, L.
16. *Beloperone Californica*, Bth.
17. *Sphaeralcea axillaris*, Watson - n. sp.
18. *Nicotiana trigonophylla*, Dur. = 410
19. *Hieracium macrophylla*, DC.
20. *Haies major*, Ait.
21. *Franseria ambrosioides*, Cav.
22. *Betula pinnata*, Greene
23. *Potamogeton pectinatus*, L.
24. *Eriogonum inflatum*, Torr. = 574
25. *Stemodia durantifolia*, Sw.
26. *Euphorbia Magdalenae*, Bth. ? May be - f. *diversa*
27. *Yucca gericulata*, Greene.
28. *Atamisquea emarginata*, Miers
29. *Zizyphus lycioides*, Gray, var. *canescens*, Gray
30. *Maytenus phyllanthoides*, Bth.
31. *Stegnosperma halimifolia*, Bth. = 400
32. *Vallisia dichotoma*, R. & P.
33. *Ipomoea Rona-rox*, L.
34. *Juncus robustus*, Watson
35. *Elaeagnus Indica*, Gaertn.
36. *Cyperus speciosus*, Vahl. = 640
37. *Scirpus Olneyi*, Gray.
38. *Phragmites communis*, Trin.
39. *Cyperus tenuifolius*, L.
40. *Eragrostis major*, Host, or var. *foliosa*
41. *Agrostis vitiellata*, Vill.
42. *Eragrostis Ruschii*, Schrad. = 49
43. *Distichlis maritima*, Raf.
44. *Eriochloa punctata*, Desv.
45. *Paspalum pubiflorum*, Rupr.
46. = 51 grass
47. *Diplachne imbricata*, Vasey
48. *Panicum sanguinalis*, L.
49. = 42.
50. *Leptochloa mucronata*, Kth., var. = 694

Guaymas, June 14. Oct.

Guaymas, Sz. - 1867.

51. *Panicum colonum*, L. = 46.
 52. *Lolium perenne*, L.
 53. *Setaria composita*, HBK.
 54. = 348 grass
 55. = 268 "
 56. *Tamarindus Indica*, L.
 57. *Asclepias tuberosa*, Decne.
 58. *Pithecolobium bonariense*, Watson - n. sp.
 59. *Antigonon leptopus*, H. & A.
 60. *Coccoloba diversifolia*, DC.
 61. *Serjania Palmeri*, Watson - n. sp.
 62. *Brickellia Coulteri*, Gray
 63. *Tragia nepetifolia*, Cav.
 64. *Sorghum Halimense*, Pers.
 65. *Sporobolus cryptandrus*, Gray
 66. *Aristida dispersa*, Trin.
 67. Probably an *Aristida*
 68. *Phanodanthus spinosus*, Gray
 69. *Jacquimia pungens*, Gray
 70. *Cassalpinia Palmeri*, Watson - n. sp.
 71. *Lycium Richii*, Torr., var.
 72. ? *Chenopodium album*, L.
 73. }
 74. *Miskizenia Palmeri*, Gray.
 75. *Sporobolus Palmeri*, Watson - n. sp.
 76. ? *Amaranthus Palmeri*, Watson - ♂
 77. }
 78. " " " ♀
 79. = 45 grass.
 80. *Argythamnia Mo-Mexicana*, Mull. ? = 624, 625.
 81. ? *Euphorbia Brasilensis*, Lam.
 82. }
 83. " *capitellata*, Eng., var. *taxiflora*, Watson = 142, 210.
 84. " *eriantha*, Bth.
 85. *Croscutia alata*, HBK.
 86. *Diamanthus virgatus*, Willd.
 87. *Eupatorium sagittatum*, Gray
 88. *Phoradendron flavescens*, Nutt.
 89. *Celtis pallida*, Torr.
 90. *Sphaeralcea ambigua*, Gray - form?
 91. *Passiflora foetida*, L.
 92. *Ficus* — ? = 645
 93. *Euphorbia albomarginata*, Torr.
 94. *Physalis* — ?
 95. *Abutilon crispum*, Don
 96. *Euphorbia polycarpa*, Bth., var. (*E. canescens*) = 324, etc.
 97. *Abutilon acutum*, Watson, n. sp. = 662
 98. *Ruellia tuberosa*, L.
 99. *Palafoxia Coulteri*, Gray
 100. *Alliaria incarnata*, L.

101. *Acacia cochliacantha*, H & B.
 102. *Indigofera Anil*, L.
 103. *Gastrophysa canescens*, Mill.
 4. *Abutilon incanum* Don. (A. Texense) = 245
 5. *Argemone Mexicana*, L., var.?
 6. *Gratiola echinocarpa*, Gray
 7. *Tribulus maximus*, L., var.?
 8. *Argythamnia acricophylla*, Gray
 9. *Solanum Hindianum*, Bth.
 110. *Coragopium herbaceum*, L.
 11. *Encelia farinosa*, Gray
 12. *Cordia Greggii*, Torr., var. (?) Palmeri, Watson
 13. *Quercus Coulteri*, Gray.
 14. *Martynia althaeifolia*, Bth.
 15. *Beta vulgaris*, L.
 16. *Portulaca deracca*, L.
 17. *Atriplex elegans*, Distr. = 122
 18. } " *Bardleyi*, Distr. = 123, 670, etc. like - olive
 19. }
 120. } " *linearis*, Watson - n. sp.
 21. }
 22. = 117.
 23. = 118.
 24. *Zizyphus Sonorensis*, Watson - n. sp.
 25. *Haematoxylon boreale*, Watson
 26. *Cardiospermum Halicacabum*, L.
 27. } = 76.
 28. }
 29. }
 130. } = 76.
 131. }
 132. }
 33. = 76.
 34. = 76.
 35. *Capsicum cordiforme*, Willd., var. *globozum*, Don.?
 36. " *baccatum*, L.
 37. } " *annuum*, L.
 38. }
 39. }
 40. }
 41. *Boerhaavia* - ~~maritima~~ *apicata*, Choisy, var. *Palmeri*, Watson
 42. = 83.
 43. *Pectis Coulteri*, Gray. = 654
 44. *Wandling* - ~~to~~ = D.
 45. " *prostrata*, Cav.
 46. *Boerhaavia scandens*, L.
 47. *Cassalpinia gracilis*, Bth.
 48. *Melochia tomentosa*, L.
 49. ? = 169.
 50. *Maradenia edulis*, Watson - n. sp.

201. *Bouteloua bromoides*, Lag.
 2. *Panicum colonum*, L., var.
 3. *Cyperus esculentus*, L.
 4. *Bouteloua polytachya*, Torr., var. *major*.
 5. *grass*
 6. *Panicum Hallii*, Vasey
 7. " *fasciculatum*, Sw.
 8. " *capillare*, L., var.
 9. *Euphorbia florida*, Eng.
 210. = 43.
 11. *Polygonum Persicaria*, L.
 12. *Migelia diffusa*, Gray
 13. *Rothrockia cordifolia*, Gray
 14. *Cleome tenuis*, Watson - n. sp.
 15. *Euphorbia pedunculifera*, Eng., var. *linearifolia*, Watson = 627
 16. " *tomentulosa*, Watson = 536
 17. *Galphimia angustifolia*, Bth., var. *longifolia*, Gr.
 18. *Cracca Edwardii*, Gray
 19. *Acalypha Pringlei*, Watson, var. = 262
 220. *Eclipta alba*, Hassk.
 21. *Jacquemontia Palmeri*, Watson - n. sp.
 22. *Tephrosia constricta*, Watson - n. sp.
 23. *Metastelma albiflora*, Watson - n. sp.
 24. *Pectis pumicata*, Jacq. = 656
 25. = 177.
 26. *Palladia Secamini*, Hook.
 27. *Hermammia pauciflora*, Watson.
 28. *Haplophyton cinnicidum*, A. DC.
 29. *Randia Thurberi*, Watson - n. sp.
 230. *Lycium barbinodum*, Miers?
 31. *Ipomoea leptostoma*, Torr.
 32. *Heliotropium phyllotachyum*, Torr.
 33. *Manihot angustiloba*, Kell.
 34. *Sebastiania* (?) *biocularis*, Watson
 35. = 120.
 36. *Kosteletykia Coulteri*, Gray
 37. *Cytherexylum flabellifolium*, Watson - n. sp.
 38. *Paullinia Sonoriensis*, Watson - n. sp.
 39. *Abutilon Palmeri*, Gray.
 240. *Dianthus Sonori*, Watson - n. sp.
 41. *Conobea intermedia*, Gray.
 42. *Cassia nictitans*, L.
 43. *Ayenia Berlandieri*, Watson, var.?
 44. *Crocygium Davidsonii*, Kell.
 45. *Froelichia alata*, Watson.
 46. *Tephrosia Palmeri*, Watson - n. sp.
 47. *Argythamnia Palmeri*, Watson - n. sp.
 48. *Krameria parvifolia*, Bth.
 49. *Tephrosia humilis*, Gray
 250. *Phaseolus filiformis*, Bth.

Palmer, (VV).

251. *Waltheria debouca*, Gray.
 52. *Gomphrena Sonorae*, Torr.
 53. *Lonicidium polygalifolium*, Vent.
 54. *Acacia filicina*, Millb.
 55. *Mollugo verticillata*, L.
 56. *Lagascea decipiens*, Hernal.
 57. *Gussiaea octinervis*, Lam.
 58. *Desmodium acapulconum*, Watson - n. sp.
 59. *Bouchea dissecta*, Watson - n. sp.
 260. *Euphorbia Californica*, Bth.?
 61. = 222.
 62. = 219.
 63. *Gnossia ~~Californica~~ ^{Gaififormica}*, Bth.
 64. *Jacobinia ovata*, Gray, var. *entglebra*, Watson
 65. *Cheilanthes Pringlei*, Damp.
 66. *Notolaina Lemmonii*, Eaton
 67. *Heteropogon contolus*, R. & T.
 68. *Aristida Schiedeana*, Tr. & Rep. = 55
 69. *Panicum sanguinale*, L., var. *ciliare* = 695
 270. *Diplachne dubia*, Bth. = 273
 71. *Cenchrus Palmeri*, Vasey - n. sp. = 699
 72. *Muhlenbergia spiciformis*, Trin.
 73. = 270 gran
 74. = 350 "
 75. = 324 "
 76. *Iresine alternifolia*, Watson - n. sp.
 77. *Lippia Palmeri*, Watson - n. sp.
 78. *Hyptis Palmeri*, Watson - n. sp.
 79. *Porphyllum Secmanni*, Sch. Bip., var.
 280. *Bursera laxiflora*, Watson - n. sp.
 81. *Cordia Palmeri*, Watson - n. sp.
 82. *Apodanthera* (?) *Palmeri*, Watson - n. sp.
 83. *Maximoviczia Sonorae*, Watson - n. sp.
 84. *Lantana Camara*, L.
 85. *Elytraria tridentata*, Vahl.
 86. *Sesbania macrocarpa*, Kunth, var. *pecta*, Watson
 87. *Loranthus Sonorae*, Watson - n. sp.
 88. = 104.
 89. *Bouneria Sonorae*, Watson - n. sp.
 290. *Dodonaea viscosa*, L.
 91. *Evolvulus linifolius*, L.
 92. *Ayenia filiformis*, Watson - n. sp.
 93. *Calliandra eriophylla*, Bth.
 94. *Jacquemontia Pringlei*, Gray, var. *glabrescens*, Gray
 95. *Ipomoea hederacea*, Jacq.
 96. *Indigofera uncinata*, Spreng.
 97. *Calliandra Coulteri*, Watson
 98. *Portlandia pterospoma*, Watson - n. sp.
 99. *Lepidogyne parthenioides*, Gray
 300. *Stachys coccinea*, Jacq.

301. *Lobelia splendens*, Mill.
 2. *Jatropha Palmeri*, Watson - n. sp.
 3. *Croton Creticus*, L.
 4. *Echinopogon Palmeri*, Watson - n. sp.
 5. *Acacia Farnesiana*, Mill.
 6. *Ipomoea triloba*, L., var.
 7. "Yuba del Ayo" - foliage only.
 8. *Perityle Palmeri*, Watson - n. sp.
 9. *Hofmeisteria crassifolia*, Watson - n. sp.
 310. *Ipomoea coccinea*, L.
 11. *Washingtonia Sonoranæ*, Watson - n. sp.
 12. = 76.
 13. *Cassia Corisii*, Gray. = 575.
 14. *Horsfordia Newberryi*, Gray.
 15. *Dalea Parryi*, Torr. = 666
 16. *Sida carpinifolia*, L.
 17. = 83, form.
 18. *Himantostemma Pringlei*, Gray
 19. = 183
 320. *Salvia prurioides*, Bth.
 21. *Euphorbia prostrata*, Watson - n. sp.
 22. } *Brickellia floribunda*, Gray - var.
 23. }
 24. *Euphorbia polycarpa*, Bth.
 25. } *Synpetalia rupestris*, Watson Gray.
 26. } *Eremide cordata*, Kell.
 27. *Mossyria fragrans*, Link.
 28. *Cenchrus myosuroides*, HBK.
 29. *Elymus Aegyptiacus*, Pers. = 275
 29. = 13.
 330. *Spirostylis occidentalis*, Watson
 31. *Cuscuta Americana*, L.
 32. *Borhavia alata*, Watson - n. sp.
 33. *Dalea mollis*, Bth. = 512, 550.
 34. *Trifolium virens*, Gray, var.
 35. = 96.
 36. *Bumelia parvifolia*, Watson - n. sp.
 37. *Lyceum*? - foliage only.
 38. *Sporobolus Virginicus*, Kth.
 39. *Cottia pappophoroides*, Kth.
 340. *Silene candida*, R. & S.
 41. — ?
 42. *Rhizophora glabra*, L.
 43. } *Sisymbrium Californica*, Nutt. ♀
 44. } ♂
 45. *Cathartium erectum*, var. O'Hall.
 46. = 50, 52.
 47. *Hilaria cenchroides*, HBK., var. *longifolia*
 48. *Panicum laetanthum*, Torr. = 54
 49. *Cenchrus tribuloides*, Link.
 350. *Pappophorum apertum*, Munro. = 274

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351. *Hesperidia rotundifolia*, Watson n. sp.

Island of S. Pedro Martin.

400. = 31

1. *Astilbe aurantiacum*, Watson.
2. *Mentzelia adherens*, Benth.
3. *Oenothera cardiophylla*, Torr., var. = 520.
4. *Sphaeralcea* — ? foliage only.
5. " *ambigua*, Gray - form.
6. *Laphania* ?
7. *Comp.*
8. *Trixis angustifolia*, DC., var. *latiuscula*, Gray.
9. *Echinopsora inaequalis*, Watson - n. sp.

410. = 16.

11. *Petalonyx linearis*, Greene
12. *Euphorbia petrina*, Watson - n. sp.
13. *Ficus* — ?
14. *Baccharis acrothroides*, Gray. ♂ & ♀
15.]
16. *Muhlenbergia tenuella*, Trin.
17. = 193.
18. *Cercus Pringlei*, Watson.
19. *Opuntia* — ?

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421. *Cardamine Palmeri*, Watson - n. sp.
22. *Hofmeisteria pubescens*, Watson - n. sp.
23. *Porophyllum crassifolium*, Watson - n. sp.
24. *Crotophaga Palmeri*, Watson - n. sp.

Palmer, 1867.



Los Angeles Bay - L. Calif. Nov. 22 - Dec. 20.

500. *Triodia pulchella*, HBK1. *Aristida fugitiva*, Vasey - n. sp.2. *grass*3. *Aristida bromoides*, HBK., var.

4. " " "

5. *Stipa Californica*, Vasey - n. sp. - not in our cat6. *Chloris elegans*, Kth.

7. = 162

8. *Bractelone polystachya*, Torr. = ? 346

9. = 39.

510. *Muhlenbergia debilis*, Trin.11. *Pappophorum wrightii*, Watson

12. = 333.

13. *Comp.*14. *Euphorbia misera*, Bth.15. *Amaranthus griseus*, Bth. = 154 pp.16. *Sideroxylon leucophyllum*, Watson - n. sp.17. *Coldenia angelica*, Watson - n. sp.

18. = 44.

19. *Oenothera angelorum*, Watson - n. sp.

520. = 403.

21. *Boerhaavia trigueta*, Watson - n. sp.22. *Dalia megacarpa*, Watson23. *Hibiscus denudatus*, Bth.24. *Plantago Patagonica*, Gray.25. *Galium stellatum*, Kth.

26.)

27. *Peruvia Palmeri*, Watson - n. sp.28. *Verbena Palmeri*, Watson - n. sp.29. *Viguiera laciniata*, Gray530. " *Pavishii*, Greene31. *Dysodia prosochyloides*, Gray32. *Horackia rigida*, Bth.33. *Gutierrezia Ehrenreichii*, T. & G.34. *Acacia wrightii*, Bth.35. *Eriogonum insigne*, Watson - var.

36. = 216.

37. *Sphaeralcea ambigua*, Gray38. *Riddellia Cooperi*, Gray.39. *Aphlopappus aspinulosus*, Dr.540. *Lycocarpa Coulteri*, H. & A.41. *Frankenia Palmeri*, Watson42. *Dalia Emoryi*, Gray43. *Hoffmannia microphylla*, Torr., Torr. glabra, Watson44. *Cuscuta Palmeri*, Watson - n. sp.45. *Achyroxychia Cooperi*, T. & G.46. *Fragaria Californica*, Bth.47. *Oligomeris glaucescens*, Camb.48. *Acacia flexicaulis*, Bth.49. *Eriogonum fasciculatum*, Bth.

550. = 333.

Palmer, 1867.

551. *Krynitzkia ramosissima*, Greene
52. *Notholaena costacea*, Litm. (N. *Californica*, Eat.)
53. *Cheilanthes myriophylla*, Dear.
54. *Pellaea Wrightiana*, Hook.
55. *Porophyllum gracile*, Bth.
56. *Nicotiana Clevelandi*, Gray.
57. *Franseria dumosa*, Nutt. = 564.
58. *Horasfordia Palmeri*, Watson - n. sp.
59. *Lycium Andersonii*, Gray, var. *pubescens*, Watson
560. *Lepidium Palmeri*, Watson - n. sp.
61. *Physalis* — ?
62. *Perityle Californica*, Bth.
63. *Trichoptilium incisum*, Gray
64. = 557
65. = 151
66. *Erodium Texanum*, Gray.
67. *Malperia tenuis*, Watson - n. gen.
68. *Perityle deltoidea*, Watson - n. sp.
69. *Nicotiana Edwardii*, Gray
570. *Drymaria crassifolia*, Bth.
71. *Astragalus Nuttallianus*, D.
72. *Bursera Hindiana*, Bth.
73. *Hyptis Emoryi*, Torr., var.
74. = 24
75. = 313
76. = 164
77. *Senecio Lemmonii*, Gray
78. *Franseria ilicifolia*, Gray
79. *Siagmbrium canescens*, Nutt.
580. *Ellisia chrysanthemifolia*, Bth.
81. *Palafoxia linearis*, Lag.
82. *Oenothera caespitosa*, Nutt.
84. *Cucurbita cordata*, Watson - n. sp.
- X 83. *Phacelia pauciflora*, Watson - n. sp.
85. *Bursera pubescens*, Watson - n. sp.
86. *Lupinus* — near *L. concinnus*.
87. *Peucephyllum Schottii*, Gray.
88. *Asclepias albicans*, Watson - n. sp.
89. *Antirrhinum Kingii*, Watson, var.
590. *Eschscholzia caespitosa*, Bth., var.
91. *Menziesia multiflora*, Nutt.
92. *Phacelia coccineola*, Torr. - form.
93. *Eutia Palmeri*, Watson - n. sp.
94. *Cardamine angelorum*, Watson - n. sp.
95. *Lupinus Arizoniensis*, Watson.
96. *Brodiaea Palmeri*, Watson - n. sp.
97. *Mohavea viscida*, Gray
98. *Nasturtium* (?) *laxum*, Watson - n. sp.
99. *Marhymia Palmeri*, Watson - n. sp.
600. *Mirabilis Lemnifolia*, Watson

601. *Mirabilis Californica*, Gray
 2. *Horackia atrigosa*, Nutt. - form.
 3. *Boerhaavia Wrightii*, Gray
 4. *Abronia umbellata*, Lam.
 5. *Pedilanthus macrocarpus*, Bth.
 6. *Xyritidylkia angustifolia*, Gray

Guaymas - Nov. 10-20.

621. *Physalis* - ?
 22. " *angulata*, Linn. ?
 23. *Tragia nepetaefolia*, Cav., var. *amblyodonta*, Müll.
 24. } = 80.
 25. }
 26. *Metastelma Pringlei*, Gray, var. ?
 27. } = 215
 28. *Protopsis* (?) *heterophylla*, Bth.
 29. *Euphorbia acilobu*, Engelm. = 634. L. Angulo Bay
 630. " *polycarpa*, Bth., var. *hirtella*, Boiss. "
 31. " *pedunculifera*, Engelm. "
 32. } = 96.
 33. }
 34. = 629, form.
 35. *Eleocharis capitata*, R. Br.
 36. *Cyperus articulatus*, L.
 37. = 193.
 38. *Fimbristylis laxa*, Vahl.
 39. *Cyperus ferox*, Rich.
 640. = 36
 40. *Lysiloma microphylla*, Bth.
 41. *Diamanthus Jamesii*, Z. S., var.
 42. }
 43. } = 277
 44. }
 45. = 92.
 46. *Ficus* - ?
 47. - ?
 48. *Randia obcordata*, Watson - n. sp.
 49. *Triphasia trifoliata*, DC.
 50. *Melochia speciosa*, Watson - n. sp.

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651. *Tribulus Californicus*, Watson
 52. } *Pectis Palmeri*, Watson - n. sp.
 53. }
 54. = 143.
 55. *Pectis* — ?
 56. = 224.
 57. *Pectis angustifolia*, Torr. L. Angeles Bay
 58. = 150
 59. = 124
 660. *Leptogyne parthenioides*, Gray, var. *dissecta* (L. *dissecta*, Gr.) L. Angeles Bay
 61. *Anoda pentaschista*, Gray
 62. = 97
 63. *Boerhaavia paniculata*, Rich.
 64. *Mimulus moschatrus*, Dougl.
 65. *Phoradendron Californicum*, Nutt.
 66. = 315
 67. *Dalea Pringlei*, Gray
 68. } *Hibiscus Coulteri*, Gray
 69. }
 670. }
 71. }
 72. } = 114.
 73. }
 74. }
 75. } = 76.
 76. }
 77. = 116
 78. }
 79. } *Boerhaavia erecta*, L., var. = 644, n.
 680. }
 81. " ~~near B. spicata~~ Xanthi, Watson - n. sp.
 82. ? = 676.
 83. *Boerhaavia*, ~~near B. spicata~~ *Palmeri*, Watson - n. sp.
 84. }
 85. } = 676.
 86. }
 87. }
 88. = 76, n.
 690. *Panicum paspaloides*, Pers.
 91. *Diplachne Traceyi*, Vasey.
 92. " *viscida*, Scribn.
 93. *Paspalum distichum*, L.
 94. = 50
 95. = 269
 96. *Sporobolus Domingensis*, Kth.



Palmer, Edward. 1856. "Palmer Guaymas, etc." *Gray Herbarium miscellaneous plant lists*

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