RECORD

Steven P. Darwin

F. R. Fosberg

Collection and Field Note Book

No. 1

(Feb. 10, 1928 - Aug. 7, 1930)

(S-1 - S-3366)

CALIFORNIA and NEVADA

Pages
2 - 199

FROM
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R. Fosberg

FROM

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R. F. O'G

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- S 1 Discarded
 2 *Nemophila rotata* v. *integrifolia*
 3 *Montia perfoliata* Howell
 4
 5 *Ceanothus crassifolius*
 6 *Erysimum asperum*
 7 discarded
 8 *Paesonia Brownii*
 9 *Cryptantha intermedia*
 10 *Senecio Douglassii*
 11 *Lotus scoparius*
 12 *Echinocystis macrocarpus*
 13 *Antirrhinum strictum*
 14 *Caulanthus lasiophyllus*
 15 *Lathyrus laetiflorus*
 16 *Euphorbia melanadenia*
 17 *Scutellaria tuberosa*
 18 *Euphorbia albomarginata*
 19 *Solidago californica*
 20 discarded
 21 *Bromus rubens*
 22 *Nemophila rotata* v. *incana*
 23 *Lotus strigosus*
 24 discarded
 25 *Amsinckia Douglasiana*
 26 *Lupinus sparsiflora*
 27 *Cryptantha intermedia*
 28 ~~*Euphorbia*~~ *pinifolius*
 29 *Chenopodium californicum*
 30 *Ribes malvaceum* var. *indecomum*
 31 discarded
 32 *Rumex hymenosepalus*
 33 *Lupinus formosus*
 34 *Velaria arguta* C. & R.

- 3/30/28 Cobles Can. ^{Claremont} ~~Messia~~ L.A. Co.
 2/22/28 " " " " "
 2/22/28 Cobles Can. Claremont, L.A. Co. Cal.
 " Thompson's Cr. " " "
 2/27/28 Indian Hill, Claremont, L.A. Co. Cal.
 2/16/28 " " " " "
 2/10/28 " " " " "
 2/15/28 " " " " "
 2/28/28 M. Thompson's Cr. " " "
 2/29/28 Claremont M. Thompson's Cr. " " "
 " " " " "
 " " " " "
 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 " " " " "
 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 2/29/28 " " " " "
 2/29/28 " " " " "
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 2/29/28 " " " " "
 2/29/28 " " " " "
 2/29/28 Thompson's Cr. Claremont L.A. Co. Cal.
 2/29/28 Thompson's Cr. Claremont, L.A. Co. Cal.
 3/7/28 Claremont, L.A. Co. Cal.
 " " " " "
 " " " " "

- 35 *Matricaria matricarioides*
 36 *Baeria chrysostoma*
 37 *Lupinus truncatus*
 38 *Pectocarya linearis*
 39 *Scymbrium pinnatum*
 40 *Phacelia distans*
 41 *Potentilla cuneata*
 42 *Capsella Bursa-pastoris*
 43 *Solanum Douglasii*
 44 ~~*Lotus*~~ *scoparius*
 45 discarded
 46 *Rhus trilobata*
 47 discarded
 48 *Erodium moschatum*
 49 *Medicago hispida*
 50 *Rhus integrifolia*
 51 *Rhus laurina*
 52 *Microsteris gracilis*
 53 *Chenopodium ambrosioides*
 54 discarded
 55 discarded
 56 *Ranunculus californicus*
 57 *Ribes speciosum*
 58 discarded
 59 *Thyanocharis laciniatus*
 60 *Baccharis viminea*
 61 *Cuscuta californica*
 62 *Ribes malvaceum* v. *indecorum*
 63 *Carex schottii* Dewey
 64 discarded
 65 *Alnus rhombifolia*
 66 *Pseudotsuga macrocarpa*
 67 *Senecio vulgaris*
 68 *Layia platyglossa* v. *breviseta*

- 3/7/28 Claremont L.A. Co.
 3/6/28 " " "
 3/7/28 " " "
 3/7/28 " " "
 " " " "
 3/7/28 " " "
 3/7/28 Claremont L.A. Co. Cal.
 " " " " "
 " " " " "
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 " " " " "
 " " " " "
 3/6/28 Puddingstone Can. Los Angeles Co. Cal.
 " " " " "
 " " " " "
 " " " " "
 " " " " "
 3/4/28 San Antonio Can. " "
 3/4/28 San Antonio Can. " "
 " " " " "
 3/11/28 Cobles Can. Claremont " "
 " " " " "
 3/10/28 San Antonio Mts. Ice House Can. S.B. Co.
 3/11/28 Cobles Can. Claremont, L.A. Co. Cal.
 " Thompson's Co. " "
 " " " " "

- 5103 *Eriophyllum Wallacei*
 04 *Plantago inularis* var. *fastigiata*
 05 discarded
 06 discarded
 07 *Cryptantha*
 08 *Lupinus bicolor*
 09 *Lotus strigosus*
 10
 11 *Nema demissum*
 12 *Achyrocline Cooperii*
 13 *Palafolia linearis*
 14 *Cryptantha barbigera*
 15 *Pluchea sericea*
 16 *Hymenoclea salsola*
 17 *Dalea Schottii* v. *puberula*
 18 *Chaenactis maerantha*
 19 *Perityle Emoryi*
 20 *Psathyrotes ramosissima*
 21 *Eriogonum Thomasii*
 22 *Chorizanthe brevicornu*
 23 *Dalea mollis* v. *mollissima*
 24 discarded
 25 *Lepidium lasiocarpum*
 26 *Gilia latifolia*
 27 *Lotus strigosus*
 28 *Cryptantha*
 29 discarded
 30 *Cryptantha*
 31 *Pterostegia drymaroides*
 32 *Euphorbia ~~parvifolia~~ polycarpa?*
 33 *Astragalus Coulteri*
 34
 35 *Lupinus*
 36 *Rafanogonia neomexicana*

- 3/17/28 Coachella V. Riverside Co.
 2/17/28 Coachella V. Riverside Co. Cal.
 3/17/28 " " " " "
 " Banning " " "
 3/18/28 Coachella V. " " "
 3/18/28 Thousand Palms Can. " " "
 " " " " " " "
 3/18/28 Thousand Palms Can. " " "
 " " " " " " "
 " " " " " " "
 " " " " " " "
 " " " " " " "
 3/17/28 " " " " " "
 3/17/28 Thousand Palms Can. Riv. Co. Cal.
 " " " " " " "
 " " " " " " "
 3/18/28 " " " " " "
 3/18/28 Thousand Palms Can. Riverside Co. Cal.
 3/17/28 Banning " " "
 3/17/28 Banning " " "
 " Coachella V. " " "
 3/17/28 Coachella V. Riv. Co. Cal.
 3/18/28 Coachella V. Riv. Co. Cal.
 3/17/28 " " " " "
 " " " " " " "
 3/17/28 Thousand Palms Can. " " "

- 5239 *Thysanocarpus laciniatus* v. *crenatus*
 40 *Arabis pulchra*
 41 ~~discovered~~ *Encelia farinosa*
 42 *Astragalus Layneae*
 43 *Phacelia bicolor*
 44 *Ephedra nevadensis*
 45 *Encelia frutescens* v. *actoni*
 46 *Phacelia crenulata*
 47 *Salvia funerea*
 48 *Astragalus Nuttallianus*
 49 *Gilia latiflora*
 50 *Cryptantha barbigera*
 51 *Gilia filiformis*
 52 *Gilia Matthewsii* (pale f.)
 53 *Chaenactis stenoidea* v. *brachypappa*
 54 ~~discovered~~ *Criophyllum Wallacei*
 55 *Ellisia Torreyi*
 56 *Ellisia micrantha membranacea*
 57 *Gilia filiformis*
 58 *Chaenactis macrantha*
 59 *Malacothrix californica*
 60 *Baileya pauciradiata*
 61 ~~Astragalus~~ *Coulteri*
 62 *Croton californicus*
 63 *Baileya pleniradiata*
 64 *Pectocarya setosa*
 65 *Dithyrea californica*
 66 *Nema demissum*
 67 *Gilia Matthewsii* Gray
 68 *Pluchea sericea*
 69 *Rafinesquia neomexicana*
 70 *Chorizanthe corrugata*
 71 *Gilia latifolia*
 72 *Eschscholtzia minutiflora*

4/7/28
 Salt Spr. San Bern. Co.
 269a. *Hesperis matronalis*
 269b.

- 4/9/28 Dantes View Inyo Co.
 " " " " " "
 4/8/28 Bradbury's Well " "
 4/9/28 Dantes View " "
 4/9/28 Dantes View Inyo Co.
 4/10/28 Funeral Mts. near Ryan Inyo Co.
 " Ryan " "
 4/8/28 Mts 10 mi. N. Bradbury's well " "
 4/11/28 Funeral Mts. Hole in Rock Spr. " "
 4/9/28 Dantes View " "
 4/8/28 20 mi. S. of Ryan, plateau at head of Furnace G. Wash Inyo Co. Cal.
 4/9/28 " " " " " " "
 4/7/28 Salt Spr. San Bern. Co. Cal.
 4/12/28 Cronise V. " "
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 " " " " " "
 4/9/28 8 mi. N. Bradbury's well " "
 " " " " " "
 4/7/28 Rhodes Wash, Death V. Reg., Inyo Co. Cal.
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 4/9/28 Head of Furnace Cr. Wash Inyo Co.
 4/12/28 Cronise V. San Bernardino Co.
 " " " " " "
 4/12/28 Cronise V. San Bern. Co. Cal.
 " " " " " "
 " Yermo " " " "
 " " " " " "
 " " " " " "
 4/12/28 Yermo, San Bernardino Co. Cal.
 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/8/28 Bradbury's Well, Inyo Co.
 4/7/28 Salt Spr. San Bern. Co. Cal.
 4/7/28 Salt Spr. San Bern. Co. Cal.
 " " " " " "

- 5273 *Ellisia micrantha*
 74 *Mohavea breviflora*
 75 *Dalea mollis* B. v. *mollissima*
 76 *Cleomella obtusifolia*
 77 *Lepidium lasiocarpum*
 78 *Phoradendron californicum* "
 79 *Leemnia californica*
 80 *Pseucephyllum Schottii*
 81 *Gilia ochroleuca* ?
 82 *Geraea canescens*
 83 *Barbeya plumiradiata*
 84 *Eriophyllum Wallacii*
 85 *Gilia latifolia*
 86 *Mama demissum*
 87 *Raphinesquia neomexicana*
 88 *Phacelia Fremontii*
 89 *Cryptantha barbigena*
 90 *Chorizanthe perfoliata*
 91 *Eriogonum inflatum* Torr. & Frem.
 92 *Amsinckia tessellata*
 93 *Sisymbrium brachycarpum*
 94 *Malacothrix californica*
 95 *Creopsis Bigelovii*
 96 *Psathyrote ramosissima*
 97 *Geraea canescens*
 98 *Aster abatus*
 99 *Pectocarya linearis*
 5300 *Eschscholtzia glyptosperma*
 01 *Gilia scopulorum*
 02 *Euphorbia Parishii*
 03 *Gilia filiformis*
 04 *Gilia latiflora*
 05 *Pectocarya linearis*
 06 *Phacelia biolor*

- 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/7/28 Salt Spr. San Bernardino Co. Cal.
 4/8/28 5 mi. S.E. Saratoga Spr. " "
 4/12/28 Yermo, San Bern. Co. Cal.
 " " " " "
 4/7/28 Salt Spr. " " "
 4/7/28 Salt Spr. " " "
 " " " " "
 4/8/28 Rhodes Wash, Death V. Reg. Inyo Co. Cal.
 4/7/28 Riggs V. San Bern. Co.
 4/8/28 Daggett " " "
 4/6/28 " " "
 4/9/28 Ryan, Furnace Cr. Wash, Death V. Reg. Inyo Co.
 4/6/28 Daggett San Bern. Co.
 4/6/28 Daggett San Bern. Co.
 " Barstow " " "
 " " Barstow " " "
 4/6/28 Barstow, San Bern. Co. Cal.
 4/6/28 Daggett, San Bern. Co. Cal.
 " Barstow " " "
 " " " " "
 " Barstow " " "
 4/7/28 Rhodes Wash Inyo Co.
 4/10/28 Furnace Cr. Ranch, Ft. of Death V. Inyo Co.
 4/11/28 Canyon above Storepipe Wells, Funeral Mts. Inyo Co.
 4/8/28 Mts. 10 mi. n. Bradbury's Well " "
 4/11/28 Hole in the Rock Spr. " "
 4/6/28 Barstow S.B.Co.
 4/8/28 Rhodes Wash D.V.R. Inyo Co. Cal.
 4/10/28 Can. above Storepipe Well, Funeral Mts. " "
 4/7/28 Rhodes Wash D.V.R. Inyo Co. Cal.
 4/8/28 Bradbury's Well D.V.R. " " "
 " Mts. 8 mi. N. Bradbury's well " " "
 4/9/28 " 10 " " " " "

- 5307 *Cryptantha barbigena*
 08 *Ellisia micrantha*
 09 *Nicotiana trigonophylla*
 10 *Lepidium Fremontii*
 11 *Cassia armata*
 12 *Lepidium flavum*
 13 *Malacothrix californica* var. *glabrata*
 14 *Barbeya pleniradiata*
 15 *Malacothrix sonchoides*
 16 *Gilia punctata*
 17 *Euphorbia albomarginata*
 18 *Hofmeisteria plurisetia*
 19 *Gilia inconspicua* var. *sinnata*
 20 ~~dissecta~~ *Malacothrix californica*
 21 *Phacelia crenulata*
 22 *Monoptilon bellioide*
 23 *Dalea Fremontii* v. *Saundersii*
 24 *Ellisia Torreyi*
 25 *Phacelia crenulata*
 26 *Phacelia calthifolia*
 27 *Gilia filifolia* var. *diffusa*
 28 *Phacelia calthifolia*
 29 *Dalea mollis* v. *mollissima*
 30 *Chorizanthe corrugata*
 31 *Gilia punctata*
 32 *Eriogonum Thurberi*
 33 *Psathyrotes ramosissima*
 34 *Mimulus Bigelovii*
 35 *Eschscholtzia glyptosperma*
 36 *Eriogonum inflatum*
 37 *Cryptantha micrantha*
 38 *Eriogonum reniforme*
 39 *Encelia putescens*
 40 *Cryptantha micrantha*

- 4/9/28 Mts. 8 mi. N. Bradbury's Well Inyo Co.
 4/11/28 Hole in the Rock Spr. " "
 4/11/28 Hole in the Rock Spr. Inyo Co.
 " Amargosa Desert Nye Co.
 " Rhodes Wash Inyo.
 " Death V. Jct. Inyo Co.
 4/11/28 Amargosa Desert, Nye Co. Nye Co.
 " " " " " "
 " " " " " "
 4/11/28 Amargosa Desert, Nye Co. Nev. (Death V. Jct.)
 " " " " " "
 4/8/28 Rhodes Wash Inyo Co. Cal.
 4/8/28 5 mi. n. Bradbury's Well, D.V. Reg. Inyo Co. Cal.
 " Rhodes Wash " "
 " Rhodes Wash " "
 4/7/28 Rhodes Wash " "
 4/11/28 S. Old Confidence Mill " "
 4/8/28 Rhodes Wash " "
 4/7/28 S. Old Confidence Mill " "
 " Rhodes Wash " "
 4/8/28 5 mi. n. Bradbury's Well, D.V. Reg. Inyo Co.
 4/7/28 Rhodes Wash " "
 4/7/28 " " " " " "
 4/7/28 5 mi. s. Saratoga Spr. - " "
 4/7/28 5 mi. s. Saratoga Spr. San Bern. Co. Cal.
 4/7/28 5 mi. s. Saratoga Spr. San Bern. Co. Cal.
 5/27/28 Etiwanda, San Bern. Co. Cal.
 4/7/28 5 mi. s. Saratoga Spr. San Bern. Co.
 4/8/28 Rhodes Wash Inyo "
 " " " " " "
 4/9/28 Plateau at Head of Furnace Cr. W. 20 mi. s. of Ryan, Inyo Co.
 4/12/28 Cronise V. San Bern. Co.
 4/8/28 5 mi. n. Bradbury's Well, Inyo Co. Cal.
 4/7/28 Salt Spr. San Bern. Co.
 4/6/28 Daggett " " "

- 5375 *Castilleja*
 76 *Collinsia heterophylla*
 77 *Asmorrhiza brachypoda*
 78 *Distichlis stricta*
 79 *Polypogon monspeliensis*
 80 *Festuca octoflora* v. *hirtella*
 81 *Helianthus rigidus*
 82 *Pterostegia drymaroides*
 83 *Stipa speciosa*
 84 *Phoradendron californica*
 85 *Salvia columbariae*
 86 " "
 87 *Encelia frutescens*
 88 *Prosopis pubescens*
 89 *Astragalus lentiginosus* v. *Fremontii*
 90 *Portula Emoryi*
 91 *Babingtonia juncea* v. *aspera*
 92 *Lycodendron epigua*
 93 *Sterculameria epigua*
 94 *Acanthopappus Stockleyi*
 95 *Atrichoceros platyphylla*
 96 *Chaenactis carphoclinia*
 97 *Encelia frutescens* v. *actoni*
 98 *Anisocoma acaulis*
 99 *Cryptantha angustifolia*
 5400 *Cryptantha costata*
 01 *Cryptantha*
 02 *Cryptantha*
 03 *Cryptantha circumscissa*
 04 *Cryptantha*
 05 *Cryptantha costata*
 06 *Cryptantha barbigera*
 07 *Cryptantha*
 08 *Chenopodium murale*

5382a *Stipa speciosa* 4/4 Dantes View, Inyo Co.

- 4/8/28 10 mi. N. Bradbury Well Inyo Co.
 4/11/28 San Dimas Puente Hills L.P. Co.
 3/11/28 Claremont Cobles Can. " "
 4/7/28 Salt Spr. San Bernardino Co.
 4/7/28 Salt Spr. San Bernardino Co.
 4/7/28 Dantes View Inyo Co.
 4/12/28 Yermo San Bernardino Co.
 4/11/28 Indistinguishable Can. San Dimas, L. A. Co. Cal.
 " Funeral Mts. Inyo Co.
 4/9/28 Shoshone " "
 4/8/28 Mts. 10 mi. N. Bradbury Well " "
 " Bradbury Well " "
 " " " "
 4/9/28 Shoshone " "
 " Flat at hd. Furnace Cr. Wash " "
 4/7/28 Rhodes Wash Inyo Co.
 " Salt Springs San Bern. Co.
 " " " "
 4/12/28 Cronie V. " "
 4/11/28 Funeral Mts. Inyo Co.
 4/7/28 Old Confidence Mill " "
 4/7/28 Saratoga Spr. San Bernardino Co.
 4/11/28 Hole in the Rock Spr. Inyo Co.
 4/11/28 Amargosa Desert Nye Co.
 4/6/28 Daggett San Bern. Co.
 4/7/28 " " " "
 " Saratoga Spr. " "
 4/12/28 Yermo " "
 4/7/28 Dantes View Inyo "
 4/7/28 Riggs V. San Bern. Co.
 " Rhodes Wash Inyo "
 " " " " "
 " " " " "
 4/8/28 Bradbury's well " "

- 5409 *Eriophyllum ambiguum*
 10 *Atriplex polycarpa*
 11 *Sarcobatus vermiculatus*
 12 *Grayia spinosa*
 13 *Stylocline gnaphalioides* Nutt.
 14 *Galium stellatum*
 15 *Nemacladus glanduliferus* var. *rientalis* Mc Vaughn
 15 *Dalea Fremontii* var. *laundensis*
 16 *Amphipappus fremontii* T. & G.
 17 *Festuca desertensis*
 18 *Physalis crassifolia*
 19 *Grayia spinosa*
 20 *Nemacladus rubescens* var. *tenuis*
 21 *Senecio mohavensis*
 22 *Cressa truxillensis*
 23 *Streptanthella longirostris*
 24 *Nitrophila occidentalis*
 25 *Bromus mollis rubens*
 26 *Phacelia*
 27 *Stylocline micropoides*
 28 *Gilia filifolia* Gray var. *sparsiflora* (Coul.) W.
 29 *Streptanthella longirostris*
 30 *Cryptantha*
 31 *Nemacladus rubescens* Greene
 32 *Nemacladus rubescens* Greene
 33 *Nemacladus rubescens* Greene
 34 *Viola pedunculata*
 35 *Oligomeris linifolia*
 36 *Sphaeralcea ambigua*
 37 *Mentzelia albicaulis*
 38 *Oligomeris linifolia*
 39 *Malvastrum rotundifolium*
 40 *Tidestromia oblongifolia*
 41 *Anemopsis californica*
 42 *Malvastrum rotundifolium*

- 4/8/28 Bradbury's Well Inyo Co.
 4/11/28 Amargosa Desert Inyo Co.
 4/11/28 Death V. Jct. Amargosa Desert Inyo Co.
 4/6/28 Barstow San Bern. Co.
 4/8/28 5 mi. N. Bradbury's Well Inyo Co.
 4/8/28 8 mi. N. Bradbury's Well Inyo Co.
 4/11/28 near Hole in Rock Spr. Funeral Mts. " "
 4/8/28 Rhodes Wash " "
 4/7/28 Rhodes Wash Inyo Co.
 " " " " "
 4/9/28 Plateau at head of Furnace Cr. Wash. " "
 4/7/28 " " " " "
 4/8/28 Rhodes Wash " "
 4/7/28 Saratoga Spr. S.B. Co.
 4/10/28 Hole in the Rock Spr. Funeral Mts. Inyo Co.
 4/7/28 Saratoga Spr. S.B. Co.
 4/9/28 Furnace Creek Wash Inyo Co.
 4/12/28 Yermo, San Bern. Co.
 4/7/28 Salt Spr. San Bern. Co.
 4/7/28 Salt Spr. San Bernardino Co., Calif.
 4/12/28 Yermo, " " "
 4/7/28 Riggs V. " " "
 4/12/28 Cronise V. " " "
 4/6/28 Daggett " " "
 4/6/28 Daggett " " "
 4/11/28 Puente Hills, San Dimas. Los Angeles Co.
 3/17/28 Thousand Palms C. Riverside Co.
 4/8/28 Mts. 10 mi. n. Bradbury's Well, Inyo Co. Cal.
 " Bradbury's Well " "
 " " " " "
 4/9/28 Ryan, Furnace Cr. Wash D.V.R. " "
 4/10/28 Funeral Mts., Can. above stove pipe Wells " "
 4/7/28 Saratoga Spr. San Bern. Co. Cal.
 " " " " "

- 5443 *Mentzelia gracilentia* var. *Veatchiana*
 44 *Menodora spinescens*
 45 *Heperocallis undulata*
 46 *Lesquerium verrucosum*
 47 *Thamnosma montana*
 48 *Malvastrum rotundifolium*
 49 *Mentzelia reflexa*
 50 *Eucnide urens*
 51 *Achyroxychia Cooperi*
 52 *Garrya Veatchii*
 53 *Oligomeris linifolia*
 54 *Juncus Cooperi*
 55 *Mentzelia albicaulis*
 56 *Nemacladus rigidus* var. *rubescens*
 57 *Furnastrum hirtellum*
 58 *Lupinus shockleyi*
 59 *Lupinus odoratus*
 60 *Lupinus brevicaulis* Wats. ?
 61 discarded
 62 discarded
 63 *Nicotiana glauca*
 64 *Matricaria matricarioides*
 65 *Lactuca scariola*
 66 *Lonchus oleraceus*
 67 discard
 68 *Chenopodium album*
 69 *Grapphalium spathulatum*
 70 *Portulaca oleracea*
 71 *Microseris ~~bicaule~~ ? montana?*
 72 *Phacelia brachyloba*
 73 *Phorad*
 74 *Erigeron foliosus*
 75 *Phoradendron densum*
 76 *Arabis Parishii*

- 4/9/28 Dante's View, D.V.R. Inyo Co. Cal.
 4/8/28 Plateau at head of Furnace G.W., Inyo Co.
 4/11/28 5 mi. n. of Yermo, San Bern. Co. Cal.
 4/10/28 Silver Lake
 4/9/28 20 mi. s. of Ryan, ^{head of} Furn. Co. Wash., Inyo Co. Cal.
 4/10/28 Ryan
 4/8/28 7 mi. s. of Old Confidence Mill
 4/7/28 5 mi. s. of Saratoga Spr. San Bern. Co.
 4/6/28 Cajon Pass
 4/7/28 Riggs V.
 Saratoga Spr.
 4/6/28 Daggett
 4/7/28 Salt Spr.
 4/10/28 Cronise V.
 4/7/28 Rhodes Wash Inyo Co.
 4/9/28 Dante's View D.V.R.
 4/15/28 Claremont, Los Angeles Co.
 4/22/28 Cushmanbury Spr. San Bernardino Co., Cal.
 Devore
 Cushmanbury Can.
 Devore
 Cushmanbury Can.
 Baldwin Lake, San Bernardino Mt.

- 5477 *Lomatium nevadense* var. *Parishii*
 78 *Collinsia parviflora*?
 79 *Viola Douglasii*
 80 *Astragalus Purshii* var. *lectulus*
 81 *Malacothrix Clevelandii*
 82 *Tetradymia spinosa* var. *longispina*
 83 *Phlox austromontana* var. *vera*
 84 *Trifolium microcephalum*
 85 *Salazaria mexicana*
 86 *Arctostaphylos pungens*
 87 *Eriogonum penduliflorum*
 88 *Phoradendron villosum*
 89 *Quercus chrysolepis*
 90 *Gilia virgata* var. *ambigua*
 91 *Potentilla argyrocoma*
 92 *Purshia glandulosa*
 93 *Brickellia arguta*
 94 *Ranunculus californicus* var. *Ludovicianus*
 95 *Coleogyne ramosissima*
 96 *Calyptridium monandrum*
 97 *Scutellaria tuberosa*
 98 *Microstylis gracilis*
 99 *Potentilla gracilis*
 5500 *Atriplex confertifolia*?
 01 *Eremocarpus setigerus*
 02 *Micropus californicus*
 03 *Chorizanthe Parryi*
 04
 05 *Chorizanthe procumbens*
 06
 07
 08
 09 *Castilleja foliolosa*
 10 *Helianthus gracilentus*

- 4/22/28 Baldwin Lake, San Bernardino Mt., San Bern. Co. Cal.
 .. Bear Valley

 .. Baldwin Lake
 .. Devore
 .. Cushenbury Ranch
 .. Baldwin Lake
 .. Devore
 .. Cushenbury Can.
 .. near Lake Arrowhead
 .. Devore
 .. Cushenbury Can.

 .. Victorville
 .. Bear Valley
 .. Cushenbury Ranch
 .. Victorville
 .. Bear Valley
 .. Cushenbury Ranch
 .. Devore

 .. Bear Valley San Bern. Mt.,

 .. Cushenbury Spr.
 5/1/28 Claremont, Indian Hill, Los Angeles Co. Cal.

 5/1/28

 May 1928 San Antonio Can. Mts. above Claremont, Los Angeles Co.

- 5511 *Lotus Davidsonii*
 12 *Lonicera subspicata*
 13 *Cirsium occidentale*
 14 *Gilia brevica*
 15 *Lambucus coerulea*
 16 *Rhamnus californica*
 17 *Gnaphalium californicum*
 18 ~~*Cirsium californicum*~~
 19 *Stachys albens*
 20 ~~*Acer macrophyllum*~~ *Conothrope filaginifolia* var. *Bernardina*
 21 ~~*Eschscholtzia caespitosa*~~ *Cirsium californicum*
 22 Discarded
 23 *Ellisia chrysanthemifolia*
 24 Discarded
 25 Discarded
 26 Discarded *Petunia parviflora*
 27 *Pluchea camphorata*
 28
 29
 30 Discarded
 31 *Stachys albens*
 32 *Acer macrophyllum*
 33 *Eschscholtzia caespitosa*
 34 *Pinus diversiloba*
 35 *Gilia californica*
 36 *Ceanothus crassifolius*
 37 *Bromus tectorum*
 38 *Gilia gilioides*
 39 *Eriodictyon trichocalyx*
 40 *Quercus chrysolepis*
 41 *Pinus ilicifolius*
 42 *Gilia tenuiflora* var. *altissima*
 43
 44

May 1928 San Antonio Can., Mts. above Claremont, Los Angeles Co.

11/4/28 Cobles Can. Claremont

May 1928 San Antonio Can. Mts. above Claremont, L.A. Co.

3/6/29 San Timates Can., Redlands, San Bernardino Co.

3/6/29 San Timates Can. Redlands, San Bernardino Co.

10/6/28 Santa Ana River

Riverside Co

10/6/28 Santa Ana River

Riverside Co

May 1928 San Antonio Can. Mts. above Claremont, L.A. Co.

F. R. Fox

FROM

Steven P. Darwin

- 5749 *Vicia ~~sativa~~ exigua* Mutt.
 50 *Salvia mellifera*
 51 *Lathyrus strictus*
 52 *Trifolium amplexans* var. *stenophyllum*
 53 *Bowlesia incana*
 54 *Pectocarya linearis* var. *ferocula*
 55 ~~56~~ *Thysanocarpus laciniatus* var. *ramosus*
 55 ~~57~~ *Plantago hookeriana* var. *californica*
 57 *Convolvulus occidentalis* var. *cyclostegius*
 58 *Viola pedunculata*
 59 *Galium aparine*
 60 *Astragalus leucopsis*
 61 *Quercus dumosa*
 62 *Crossosoma californica*
 63 *Mirabilis laevis*
 64 *Echinocystis macrocarpa*
 65 *Rhamnus crocea* var. *insularis*
 66 *Lotus scoparius* var. *dendroideus*
 67 *Artemisia californica*
 68 *Echinocystis macrocarpa*
 69 *Echinocystis macrocarpa*
 70 *Solanum xanti* var. *Wallacei*
 71 *Eriophyllum confertiflorum* var. *trifidum*
 72 *Prunus Lyonii*
 73 *Heterotheca grandiflora*
 74 *Ceanothus arboreus*
 75 *Ellisia chrysanthemifolia*
 76 *Symphoricarpos albus* var. *mollis*
 77 *Phacelia hispida*
 78 *Trifolium involueratum* Orl. ?
 79 *Lotus argophyllum* var. *ornithopus*
 81 ~~80~~ *Spergularia macrotheca*
 80 ~~81~~ *Crotopsis gigantea*
 82 *Perityle Emoryi*
- 5759a *Thysanocarpus laciniatus* aff. var. *conclufiferum*
 Avalon Can. Sta. Cat. 9, L.A. Co.
 5778a *Hemiphysalis racemosa*
 Hamilton C. Sta. Cat. 9, L.A. Co.

4/6/1929 Avalon Can. Santa Catalina I. Los Angeles Co.

4/7/29 Hamilton Can.

4/8/29 near St. Catharine Hotel
Avalon-Pebbly Beach Rd.

5868a nemophila rotata var. integrifolia - same loc. & date
5870a Stellaria nitens

- 851 *Quercus Kelloggii*
52 *Sidalcea malvaeflora*
53 *Pinus Coulteri*
54 *Ranunculus californicus* var. *Ludovicianus*
55 *Platystemon californicus*
56 *Mimulus puniceus*
57 *Calochortus splendens*
58 *Oenothera micrantha* var. *Jonesii*
59 " *bistorta* var. *Veitchiana*
60 *Antirrhinum Coulterianum*
61 *Phacelia grandiflora*
62 *Viola purpurea*
63
64 *Clematis pauciflora*
65 *Asclepias californica*
66 *Lathyrus latiflorus*
67 *Oenothera divaricata*
68 *Collinsia concolor*
69 *Oenothera contorta* var. *spilobioides*
70 *Arenaria Douglasii*
71 *Solanum Xanti* var. *glabrescens*
72 *Thysanocarpus laciniatus*
73 *Miconella bregona* var. *denticulata*
74 *Senecio californicus*
75 *Clarkia delicata*
76 *See Chalky notes*
77 *Baccharis viminea*
78 *Melilotus indica*
79 *Vitis girdiana*
80 *Lotus eriophorus*
81 *Alnus rhombifolia*
82 *Haplopappus squarrosus*
83 *Arctostaphylos canescens*
84 *Lupinus concinnus* var. *Agardhianus*

- 5/5/29 Palomar Mts. San Diego Co.
" Julian " "
" Palomar Mts. " "
" Julian " "
" Santa Ysabel Ranch " "
" Hills above La Jolla Ind. Res. " "
" 3 miles above Pala " "
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" Palomar Mts. " "
" San Felipe River above Banner " "
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5/5/29 San Felipe R. above Banner San Diego Co.
5/5/29 San Felipe R. above Banner San Diego Co.
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" San Felipe River above Banner " "
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P. R. For

118

FROM

Steven F. Darwin

5885 *San Felipe Eriodictyon trichocalyx* v. *lanatum*

86 *Trifolium variegatum*

87 *Castilleja foliolosa*

88 *Lithophragma affinis*

89 *Rhamnus crocea* var. *ilicifolia*

90 *Valeriana arguta*

91 *Prunus eriogyna*

92 *Quercus dumosa*

93a *Setaria parviflora*

93 *Lythrum californicum*

94 *Gastrodium ventricosum*

95 *Chenopodium ambrosioides*

96 *Eriogonum fasciculatum*

97 *Isobatis arborea*

98 *Lycium californicum*

99 *Hemizonia*

5900 *Artemisia californica*

1

2 *Encelia californica*

3 *Atriplex californica*

4 *Rhus integrifolia*

5 *Aplopappus venetus* v. *vernonioides*

6 *Atriplex semibaccata*

7 *Suaeda californica*

8 *Juncus balticus*

9 *Frankenia grandifolia*

10 *Salix lasiolepis*

11 *Verbena prostrata*

12 *Jaumea carnosa*

13 *Amorpha fruticosa*

14 *Artemopsis californica*

15 *Scirpus Olneyi*

16 *Oenothera sarmentosa*

17 *Mimulus guttatus*

18 *Aplopappus venetus* v. *vernonioides*

5/5/29 San Felipe R. above Banner San Diego Co.

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6/8/29 San Mateo River San Diego Co

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- E. R. For

- Steven F. Darwin

- 5953 *Coreopsis gigantea* (Kell.) Hall
 54 *Artemisia californica*
 55 *Baccharis viminea*
 56 *Silene gallica*
 57 *Photinia arbutifolia*
 58 *Gnaphalium bicolor*
 59 *Rhus integrifolia*
 60 *Dentaria integrifolia* v. *californica*
 61 *Avena barbata*
 62 *Tillaea erecta*
 63 *Mimulus guttatus*
 64 *Stellaria media*
 65 *Convolvulus occidentalis* v. *macrostegius*
 66 *Lepechinia calycina* v. *Wallacei*
 67 *Rhus diversiloba*
 68 *Quercus agrifolia*
 69 *Plantago hookeriana* v. *californica*
 70 *Lotus subpinnatus*
 71 discarded
 72 *Quercus Wilbyensis*
 73 discarded
 74 *Trifolium microcephalum*
 75 *Pterostegia drymaroides*
 76 *Venegasia carpesioides*
 77 *Lotus strigosus*
 78 *Mimulus longiflorus* ?
 79 *Prunus fasciculata*
 80 *Potentilla saxosa*
 81 *Pinus monophylla*
 82 *Rhamnus crocea* var. *ilicifolia*
 83 discarded
 84 discarded
 85 *Baccharis serpylloides*
 86 *Rhus trilobata* var. *anisophylla*

- 3/26/29 Santa Cruz Island, Eatons Camp Sta. Barb. Co.
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 3/25/29 " " " " w. Eatons
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 3/26/29 " " " " near Eatons
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 4 " " " " " " near Ranch
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 5/12/29 ^{above} Keys Ranch, Riverside Co.
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F. R. Foote

FROM

Steven P. Darwin
Plant Biology

S987 *Acacia feggia*

88

89 *Baccharis sarothroides*90 *Amsonia brevifolia*91 *Amsonia brevifolia* var. *tomentosa*92 *Tetradymia spinosa* var. *longispina*93 *Lycium Andersonii*?94 *Pucephyllum Schottii*95 *Tetradymia spinosa* var. *longispina*96 *Acanthopappus sphaerocephalus*97 *Chorizanthe staticoides*98 *Gilia eremica*99 *Molina Parryi*S1000 *nitella*

1 discarded

2 *Gnaphalium chilense*3 *Rorippa curvisiliqua*?4 *Scirpus validus* Vahl5 *Polypogon monspeliensis*6 *Cyperus erythrorhizos*7 *Juncus bufonius*8 *Gnaphalium palustre*9 *Cressa truxillensis*10 *Lonchus asper*11 *Lida hederacea*

12 discarded

13 *Epilobium californicum*14 *Cynodon dactylon*15 *Polygonum aviculare*16 *Salix Godingii*17 *Centaurea melitensis*18 *Rumex crispus* L.

19 discarded

20 *Verbena bracteata*

5/12/29 above Keys Ranch

Riverside Co.

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5/23/29 Upper Laguna Lake

Orange Co.

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- 510 21 *Salix gooddingii*
 22 *Picris echioides*
 23 *Lotus americanus*
 24 *Calystriidium monandrum*
 25 *Oenothera californica*
 26 *Eriogonum Thurberi*
 27 *Mimulus Fremontii*
 28 *Penstemon antirrhinoides*
 29 *Galium angustifolium*
 30 *Scrophularia californica*
 31 *Phacelia distans*
 32 *Lupinus formosus*
 33 *Malvastrum fasciculatum*
 34 *Pectocarya linearis* v. *ferocula*
 35 *Castilleja*
 36 *Mimulus brevipes*
 37 *Asclepias californica*
 38 *Mirabilis laevis*
 39 *Ellisia chrysanthemifolia*
 40 *Yucca mohavensis*
 41 *Rhamnus crocea*
 42 *Rorippa nasturtium*
 43 *Colula coronopifolia*
 44 *Scirpus americanus*
 45 *Scirpus Olneyi*
 46 *Juncus typhoides*
 47 *Mimulus guttatus*
 48 *Ranunculus cymbalaria* v. *saximontanus*
 49 *Scirpus paludosus*
 50 *Eleocharis*
 51 *Epilobium*
 52 *Artemisia tridentata*
 53 *Rumex crispus*
 54 *Astragalus pomonensis*

5/23/29 Upper Laguna Lake Orange Co.

5/4/29 Oak Grove S. D. Co.

5/3/29 Ogilopner Mts. Head of Temecula V. Riv. Co.
 5/3/29 Palomar Mts. Head of Temecula V. " "

ditto

Temecula Riv. Bridge above Inland Route Br. " "

ditto

Upper Temecula V.
 Temecula R. above Inland Route Br.
 Upper Temecula V.

F. R. For

FROM

Steven P. Darwin
 Bent Biology

- 51055 *Salvia carduacea*
 56 *Oenothera litoralis* v. *Veitchiana*
 57 *Abronia villosa*
 58 *Plagiobothrys*
 59 *Chaenactis glabrescens*
 60 *Oenothera contorta* v. *epilobioides*
 61 *Oenothera litoralis* v. *Veitchiana*
 62 *Sisymbrium altissimum*
 63 *Astragalus Douglasii*
 64 *Eriogonum Thunbergii*
 65 *Phacelia hispida*
 66 same as 51071
 67 *Phacelia minor*
 68 *Lathyrus strictus*
 69 *Adenostema sparsifolium*
 70 *Eriodictyon crossifolium*
 71 *Mimulus longiflorus*
 72 *Argemone platyceras*
 73 *Oenothera micrantha* v. *ignota*
 74 *Chaenactis*
 75 *Phoradendron longispicum*
 76
 77 *Chorizanthe brevicornis*
 78 *Eriogonum gracile*
 79 *Cassia armata*
 80 *Fouquieria splendens*
 81 *Beloperone californica*
 82 *Agave deserti*
 83 *Atriplex*
 84 *Hyptis Emoryi*
 84a *Chilopsis linearis* v. *arcuata*
 85 *Trixis californica*
 86 *Sisymbrium brachycarpum*
 87 *Cryptantha*
 88 *Chalchicomula* T 287

5/3/29

Upper Temecula V.

Temecula R. 10 mi above Temecula

ditto

Head Temecula V.

V. near Aguaanga

Head of Temecula V

5/4/29

Upper San Felipe V

S.D. Co.

Lower San Felipe C.

Borego V

Lower San Felipe C. below Yaqui Wells

" " " " above " "

" " " " below " "

Borego V.

" " mouth of Palm Can.

ditto

- 51089 *Eleocharis*
 90. *Nolaea vestita callicarpa* Hall
 91 *Layia*
 92 *Nemophila rotata* v. *integrifolia*
 93 *Lotus strigosus*
 94 *Sisymbrium pinnatum*
 95 *Collinsia concolor*
 96 *Lupinus concinnus* v. *Arceuthii*
 97 *Oenothera contorta* v. *epiloboides*
 98 *Gilia*
 99 *Athyrium pusillus*
 51100 *Anisocoma acaulis*
 1 *Plagiobothrys*
 2 *Phacelia brachyloba*
 3 *Eriogonum Thurbii*
 4 *Trifolium obtusiflorum*
 5 *Lemna*
 6 *Mesembryanthemum nodiflorum*
 7 *Velaea arguta*
 8 *Mimulus brevipes*
 9 *Stipa coronata*
 10 *Erigeron foliosus*
 11 *Grappaliun californicum*
 12 *Tetradymia comosa*
 13 *Daucus pusillus*
 14 *Galium angustifolium*
 15 *Rhus laurina*
 16 *Chorizanthe staticoides*
 17 *Centaureum venustum*
 18 *Cuscuta*
 19 discarded
 20 Lichen, see T295
 21 *Lycium californicum*
 22 *Atriplex canescens*

5/4/29 Warner's Hot Spr., San Luis Rey Riv.

Oak Grove

1/2 way bet Oak Grove & Warner's Hot Spr.

ditto

← Warner's Hot Spr.

8/29/29 La Jolla

5/31/29 Claremont

" "

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ditto

5/31/29 Claremont

L.Q. Co.

ditto

5/30/29

N. Coronado I.

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- 51123 *Coreopsis maritima*
 24 *Muhlenbergia microspenna*
 25 *Aplopappus berberidis* Gray
 26 *Nicotiana Clevelandii*
 27 *Melica imperfecta*
 28 *Chenopodium californicum*
 29 *Sonchus asper*
 30 *Perityle Emoryi*
 31 *Mirabilis laevis* (Benth.) Curran
 32 *Escholtzia caespitosa*
 33 *Eriophyllum multicaule*
 34 *Coreopsis calliopeidea*
 35 discarded
 36 *Cryptantha*
 37 *Orythea perfoliata*
 38 *Eriogonum inflatum*
 39 *Eriogonum Thomasii*
 40 *Syntherisma pappus* Fremontii
 41 *Gilia*
 42 *Chaenactis strobiloides* v. *brachysepala*
 43 *Tropidocarpum gracile*
 44 *Lomatium mohavense*
 45 *Oenothera dentata* v. *Parishii*
 46 *Malvastrum erile*
 47 *Chaenactis fremontii*
 48 *Malacothrix californica* v. *glabrata*
 49 *Eschscholtzia minutiflora*
 50 *Gilia* " *Platydesma spatulatum* (Gray) Stone
 51 *Layia glandulosa*
 52 *Oenothera brevipes*
 53 *Caulanthus inflatus*
 54 *Streptanthella longirostris*
 55 *Dendromecon rigida*
 56 *Orthocarpus attenuatus*

5/30/29 N. Coronado I.

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4/14/29 Carneros Springs Kern Co.

4/15/29 Bissell " "

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4/15/29 16 mi. E. Mojave Bissell. Kern Co.

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4/14/29

Kramer
 Cajon Pass near Devore
 Carneros Springs

San Bern.
 San Bern.
 Kern Co.

- S 1191 *Papaver heterophyllum*
 92 *Plagiobothrys*
 93 *Lithophragma cymbalaria*
 94 *Juncus bufonius*
 95 *Acer negundo* v. *californicum*
 96 *Platanus racemosa*
 97 *Nemophila aurita*
 98 same as S 1172
 99 *Montia perfoliata*
 S 1200 *Vicia major*
 1 *Conium maculatum*
 2 *Rubus vitifolius*
 3 *Atriplex spinifera*
 4 *Sanicula bipinnatifida*
 5 *Cryptantha*
 6 *Thysanocarpus laciniatus* v. *racemosus*
 7
 8 *Melilotus indica*
 9 *Gilia*
 10 *Trifolium*
 11
 12
 13 *Lupinus Benthamii* v. *opimus*
 14 *Microsteris gracilis*
 15 *Lotus humistratus*
 16 *Aplopappus linearifolius* v. *interior*
 17 discarded
 18 *Monolopia major* v. *lanceolata*
 19 discarded
 20 *Solanum umbelliferum*
 21 *Malvastrum sp.*
 22 *Phacelia hispida*
 22 Same as 22
 23 *Sisymbrium brachycarpum*
 24 *Caulanthus inflatus*

- 4/14/29 Carneros Springs Kern Co.
 " " " " "
 " " " " "
 " Avila " " "
 4/12/29 Avila San Luis Obispo "
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 " McKittrick Kern Co.
 " 20 mi. E. Sta Maria San Luis Obispo "
 " 25 mi. from " " toward Cayama "
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 " 2 mi. W. Cayama V. San Luis Obispo Co.
 " Cayama Valley " " " "
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- 51259 *Microseris Lindleyi*
 60 *Lupinus*
 61 *Eriogonum angulosum*
 62 *Amsinckia*
 63 *Brodiaea capitata*
 64 *Allium Sanbornii*
 65 *Oenothera dentata* v. *Parishii*
 66 discarded
 67
 68 *Poa scabrella*
 69 *Brodiaea capitata*
 70 *Viola pedunculata*
 71
 72 *Baeria*
 73 *Plectritis ciliosa*
 74 *Amsinckia intermedia*
 75 *Lotus subpinnatus*
 76 *Lupinus nanus*
 77 *Lupinus succulentus*
 78 *Lupinus succulentus*
 {79 *Salvia carduacea*
 {80
 81 *Platystemon californicus*
 82 *Orthocarpus purpurascens*
 83 *Microseris gracilis*
 84 *Malacothrix californicus*
 85 *Orthocarpus purpurascens*
 86 *Layia*
 87 *Trifolium albobasileum*
 88 *Monolopia major*
 89 *Gnaphalium californicum*
 90 *Delphinium Parryi*
 91 *Helianthemum scoparium*
 92

- 4/15/29 Tehachapi Pass Kern Co.
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 " " " " " "
 4/14/29 Carneros Spr. Kern Co. Calif.
 " " " " " "
 4/12/29 14 mi. so. Los Alamos Santa Barb Co
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 " " " " " "
 " " " " " "
 " Arroyo Grande San Luis Obispo Co.
 " " " " " "
 " " " " " "
 " Orcutt " " " "
 " 6 mi. so. Orcutt " " " "
 " 13 mi S.E. Santa Maria " " " "
 " 6 mi so Orcutt " " " "
 4/14/29 Carneros Spr. Kern Co.
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 4/12/29 Gaviota Pass Santa Barbara
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 " Top of Santa Susana Pass L.A. Co.
 " Gaviota Pass Santa Barbara

- S1294a Collinsia
4/14/29 Carneros Spr.
- S1293 *Platystemon californicus*
 94 *Aphlopappus linearifolius*
 95 *Cryptantha*
 96 *Mimulus longiflorus*
 97 *Oenothera leptocarpa*
 98 *Phacelia*
 99 *Lotus strigosus*
 S1300 *Oenothera*
 1 *Mentzelia*
 2 *Gilia*
 3 *Microseris Lindleyi*
 4 *Caulanthus lasiophyllus*
 5 *Thysanocarpus curvipes* v. *elegans*
 6 *Platystemon californicus*
 7 *Gilia*
 8 ~~*Penstemon*~~ *drymarioides*
 9 *Hemizonia*
 10 *Chorizanthe procumbens*
 11 *Cotula coronopifolia*
 12 *Hypochaeris glabra*
 13 *Lupinus arboreus*
 14 *Astragalus*
 15 "
 16 *Lupinus succulentus*
 17 *Amsinckia miracarpa*
 18 *Lupinus bicolor* v. *microphyllus*
 19 *Oenothera*
 20 *Oenothera*
 21 Discarded
 22 *Baccharis*
 23
 24 *Salvia columbariae*
 25 *Mirabilis laevis*
 26 *Ellisia membranacea*

4/14/29	Carneros Springs	Kern Co.
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4/12/29	6 mi. So. Orcutt	San Luis Obispo
"	"	"
4/14/29	Carneros Spr.	Kern
"	"	"
"	"	"
"	"	"
4/13/29	Arila	San Luis Obispo
"	"	"
"	4 mi. N.W. Arroyo Grande	San Luis Obispo
"	"	"
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"	"	"
4/12/29	6 mi. So Orcutt	"
4/14/29	15 mi. S.W. Lost Hills	Kern
4/14/29	Carneros Springs	Kern
"	"	"
"	"	"

4/14/29	Carneros Springs	Kern Co.
4/15/29	Tehachapi Pass	Kern Co.
"	"	"
"	"	"
"	"	"
"	16 mi SE. Mojave Bissell	"
"	" " " " "	"
4/15/29	Tehachapi Pass	Kern Co.
"	"	"
"	16 mi. E. Mojave Bissell	"
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4/14/29	Carneros Springs	Kern Co.
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4/12/29	14 mi. so. Los Alamos	Santa Barb Co
4/12/29	14 mi, so. Los Alamos	"
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"	Gaviota Pass	Santa Barbara Co
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4/15/29	Tehachapi Pass	Kern Co.
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"	16 mi SE. Mojave Bissell	" "
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4/15/29	Tehachapi Pass	Kern Co.
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"	16 mi. E. Mojave Bissell	" "
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4/14/29	Carneros Springs	Kern Co.
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4/12/29	14 mi. so. Los Alamos	Santa Barbara Co.
4/12/29	14 mi. so. Los Alamos	" "
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"	Gaviota Pass	Santa Barbara Co.
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- 51395 *Leppia Wrightii*
 96 *Sphaeralcea lasca*
 97 *Rhynchosia texana*
 98 *Evolvulus arizonicus*
 99 ~~*Calliandra*~~ *Mimosa dysocarpa*
 51400 *Abutilon crispum*
 1 *Artemisia ludoviciana* Nutt
 2 *Portulaca retusa*
 3 *Abutilon Pringlei*
 4 ~~*Funastrum*~~ *Metastelma arizonica*
 5 *Solanum Douglasii*
 6 *Euphorbia capitellata*
 7 *Bahia absinthifolia* var *dealbata*
 8 discarded
 9 *Eriogonum Wrightii*
 10 *Yudonaea viscosa* v. *angustifolia*
 11 ~~*Quercus*~~
 12 *Eriogonum fasciculatum* var. *polifolium* ?
 13} same as 51414
 14} *Euphorbia florida* ~~*florida*~~ *pediculifera*
 15 discarded
 16 *Eragrostis arida*
 17 *Baileya multiradiata*
 18 *Abutilon Newberryi*
 19 *Eriogonum deflexum*
 20 *Haplopappus acradenioides* *heterophyllus* (Gray) Blake
 21 *Cercidium microphyllum*
 22 *Acalypha californica* *Pringlei*
 23 *Argemone intermedia*
 24 *Yucca elata*
 25 *Baccharis sergiloides*
 26 see R 123
 27 *Trixis californica*
 28 *Eriogonum Wrightii*

11/8/29	10 mi. S. Vail	Pima Co.	Ariz
"	10	"	"
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co.	"
11/8/29	10 mi. S. Vail	Pima Co.	"
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co.	"
11/7/29	22 mi. E. Gila Bend.	Pima Co.	"
11/7/29	23 mi. S. Gila Bend Ft. of Lava Mt.	Maricopa Co	Ariz
"	" " " "	"	"
"	Gunsight Pass	Pima	"
"	" " "	"	"
"	Mts. S. Gila Bend	Maricopa	"
"	Gunsight Pass	Pima Co	"
"	" " "	"	"
"	10 mile. Gunsight Pass	"	"
"	" " "	"	"
"	Gunsight Pass	"	"
11/8/29	18 mi. N. Sonoita	"	"
11/8/29	" " "	"	"

51430a Nicotiana glauca 11/8/29
18 mi. N. Sonora Pima Co. Ariz

- 29 *Gomphrena sonora*
30 *Dalea Wrightii*
31 *Atriplex canescens* v. *linearis*
32 *Brickellia coulteri* Gray
33 *Baileya multiradiata*
34 *Eriogonum Wrightii*
35 *Euphorbia albomarginata*
36 *Acacia constricta*
37 *Gutierrezia sarothrae* (Pursh) D. & R.
38 *Zinnia psilostrophe cooperi* (Gray) A. N. S. P.
39 *Verbena ciliata* Wrightii
40
41 *Solanum elaeagnifolium*
42 *Sphaeralcea Emoryi*
43 *Pectis papposa*
44 *Krameria Grayi*
45 *Calliandra eriophylla*
46 *Baccharis sarothrae* ~~brachyphylla~~ Gray
47 "
48 *Olneya Tesota*
49 *Heptis Emoryi*
50 *Stephanomeria pauciflora*
51 *Bebbia juicea*
52 *Petalonyx Thurberi*
53 *Atriplex canescens*
54 *Encelia farinosa*
55 *Euphorbia polycarpa* v. *hirtella*
56 *Beloperone californica*
57 *Salix Hindsiana* v. *leucodendroides*
58 *Amaranthus fimbriatus*
59 *Dalea Schottii* var. *puberula*
60 *Brandegeeia Bigelovii*
61 *Eleocharis*
62 *Zauschneria californica*

- 11/8/29 18 mi. N. Sonora Pima Co. Ariz
" " " " " " " " " " " "
11/12/29 near Cabazon, San Geronimo Pass Riverside Co. Calif.
11/9/29 Superior Pinal " Ariz
11/10/29 12 mi. W. Vicksburg Yuma " "
" 5 " E Wickenburg Maricopa " "
" 12 mi W. Vicksburg Yuma " "
" 5 mi. E Wickenburg Maricopa " "
" " S.E. " " " "
" " E " " " "
" Aguila " " "
" " " " " " "
" " " " " " "
" Wenden Yuma " "
11/11/29 20 mi E. Blythe " " "
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" " " " " " "
11/12/29 Deep Canyon 10 mi. SW Indio Riv. Co.
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11/12/29 Deep Can. 10 mi. SW Indio Riverside Co.
" " " " " " "
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1474a Dysodia prophyllodes Gray

- 64
- 65 Hofmeisteria plurisetu
- 66 ~~Desmodium~~
- 67 Baccharis erigiloides
- 68 Nicotiana trigonophylla
- 69 Perityle Emoryi
- 70
- 71
- 72 Lythrum californicum
- 73 Viguiera deltoidea v. Parishii
- 74 ~~Diosodia~~ porophylloides Prophyllum gracile
- 75 Galium stellatum v. eremicum
- 76
- 77 Physalis crassifolia
- 78 Cassia armata
- 79 Galium stellata v. eremicum
- 80 Fagonia chilensis v. laevis
- 81 Sphaeralcea ambigua
- 82 Fouquieria splendens
- 83 Hyptis Emoryi
- 84 Stephanomeria pauciflora
- 85 Erogonium deserticola
- 86 Euphorbia
- 87 Semiondsea chinensis
- 88 Triodis pulchella
- 89 Ephedra nevadensis
- 90 Selazaria mexicana
- 91 Dalia spinosa
- 92 Phoradendron californicum
- 93 Atriplex polycarpa
- 94 Atriplex hymenelytra
- 95 Boerhaavia caribaea
- 96 Hoffmannseggia microphylla

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"	"	"	"	"	"
11/11/29	28 mi. e. Mecca	"	"	"	"
	Deep Can. 10 mi s w. Indio	"	"	"	"
11/11/29	28 mi e Mecca	"	"	"	"
"	"	"	"	"	"
"	"	"	"	"	"
11/12/29	Deep Can. 10 mi. S.W. Indio	"	"	"	"
11/11/29	2 1/2 mi. e. Shavers Well.	"	"	"	"
"	14 mi. e Blythe	"	"	"	Yuma Co.
"	28 mi e. Mecca	"	"	"	"
11/6/29	Colorado Desert, 20 mi w. Yuma (Ariz)	"	"	"	Imperial Co.
11/11/29	28 mi. e. Mecca	"	"	"	Riv Co.
"	12 "	"	"	"	Riv Co
"	"	"	"	"	"
"	20 mi. e. Blythe	"	"	"	Yuma Co., Ariz
"	"	"	"	"	"
"	14	"	"	"	"
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"	"	"	"	"	"
"	"	"	"	"	"
"	12 mi e. Mecca.	"	"	"	Riv Co
"	"	"	"	"	"

- 51531 *Populus Fremontii*
 32 *Arctostaphylos glauca*
 33 *Thamnosma montana*
 34 *Cercocarpus betuloides*
 35 *Senecio Californicus*
 36 *Echinocystis*
 37 same coll. as 51536
 38 *Condalia Parryi*
 39 same coll. as 51536
 40 *Crossosoma Bigelovii*
 41 *Galium angustifolium*
 42 *Physalis crassifolia*
 43 *Castilleja*
 44 *Eleocharis arenicola* Torr. ? (immature)
 45 *Fritillaria biflora*
 46 *Lycium Andersonii* v. *deserticola*
 47 discarded
 48 *Stillingia linearifolia*
 49
 50 *Salix exigua*
 51 *Solanum Xanti* v. *intermedium*
 52 *Osmonhiza brachypoda*
 53 *Cryptantha*
 54 *Grayia spinosa*
 55 *Memphila aurita*
 56 same as 51534
 57 *Cryptantha*
 58 *Salvia antirrhina*
 59 *Sisymbrium brachycarpum*
 60 *Salix laevigata*
 61 *Baccharis viminea*
 62 *Salix laevigata* B. & P. det. C. R. B.
 63 *Sesuvium verrucosum*
 64 *Peltotropeum curassavicum* v. *oculatum*

- 3/9/30 Mission Creek Canyon Riverside Co.
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 3/9/30 Mission Canyon " "
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 3/9/30 " " " "
 8/24/29 Corona Bridge, Santa Ana R. Riverside Co.
 5/16/30 Gendora " "
 3/9/30 Mission Can " "
 " " " " " "
 " Devils Garden " "
 3/9/30 Mission Creek Can. Little San Bernardino Mts. Riverside
 5/11/29 Stoddard Can. above Claremont, S. A. Co.
 " " " " " "
 3/9/30 " Can. Riverside Co.
 " " " " " "
 5/11/29 Stoddard Can. above Claremont, S. A. Co.
 3/9/30 Devils Garden bet. Morongo & White Water Wash. Riverside Co.
 5/11/29 Stoddard Can. above Claremont S. A. Co.
 3/9/30 Devils Garden bet. Morongo & White Water Wash. Riverside Co.
 " " " " " "
 " " " " " "
 " " " " " "
 " Mission Can. " "
 3/26/30 SW Margin of Lake Elsinore Riverside Co.

51565 *Scirpus californicus*66 *Scirpus paludosus*66a *Distichlis stricta* v. *laxa*67 *Distichlis stricta* var. *laxa*68 *Baccharis virgiloides*69 *Salix goodingii* v. *salicicola* ← 51469a same70 *Clematis ligusticifolia*71 *Gilia californica* v. *glandulosa*72 *Mimulus puriceus*73 *Gnaphalium* ~~*bicolor*~~ *bicolor*

74

75 *Cryptantha intermedia*76 *Lupinus truncatus*77 *Rhus ovata*78 *Mirabilis laevis*79 *Salix lasiolepis* v.80 *Salix laevigata*81 *Rhamnus crocea* v. *idiifolia*82 *Oxalis californica*

83

84 *Digitaria sanguinalis*85 *Ambrosia palostachya* v. *californica*86 *Polygonum punctatum*87 *Lesqueria germanorum* v. *glandulifera*88 *Erigeron canadensis*89 *Heterotheca grandiflora*90 *Physalis ixocarpa*91 *Aster exilis*92 *Cotula coronopifolia*93 *Potamogeton crispus*94 *Polygonum lapathifolium*95 *Eriogonum*

96 discarded

97 *Euphorbia*

98 discarded

3/26/30 Lake Elsinore

Riv. Co.

3/26/30 Lake Elsinore

Riverside Co.

3/9/30 Mission Canyon

Riverside Co.

3/26/30 Lake Elsinore

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3/26/30 Can. s.w. Lake Elsinore

Riverside Co.

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3/27/30 Lantiago Can. Santa Ana Mts. Orange Co.

3/27/30 Lantiago Can. Santa Ana Mts. Orange Co.

" " " " " "

" Silverado Can. " " " "

8/27/29 Claremont

Los Angeles Co.

8/24/29 Corona Br. Santa Ana R.

Riv. Co.

8/27/29 Claremont

L.A. Co.

" " "

8/27/29 Claremont

L.A. Co.

8/24 Corona Br. Santa Ana R.

Riverside

" " "

" " "

8/27 Claremont

L.A. Co.

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- 51633 *Artemisia californica*
34 *Stephanomeria virgata*
35 *Cercocarpus betuloides*
36 *Corethrogyne filaginifolia* v. *bernardina*
37 *Quercus chrysolepis*
38 *Chrysopsis villosa* v. *fastigiata*
39 *Zauschneria californica*
40 *Arctostaphylos glauca*
41 *Eriogonum elongatum*
42 *Eriogonum gracile*
43 *Rhamnus californica*
44 *Populus trichocarpa*
45 *Amaranthus blitoides*
46 *Verbesina encelioides* v. *exauriculata*
47 *Stephanomeria pauciflora*
48 *Canotia holocantha*
49 *Thamnosma montana*
50 *Canotia holocantha*
51 *Nicotiana trigonophylla*
52 *Franseria confertiflora* (Dr.) Rydb.
53 *Clematis lasiantha Drummondii*
54 same as 51646
55 *Peucephyllum Schottii*
56 *Chloris virgata*
57 *Simmondsia chinensis*
58 *Eragrostis cilianensis* (All.) Link.
59 *Eriogonum Wrightii*
60 *Euphorbia polycarpa*
61 *Gutierrezia*
62 *Euphorbia melanidenia*
63 *Condalia lycioides*
64 *Tetradlea Coulteri*
65 *Pectis papposa*
66 *Amaranthus Palmeri*

10/11/29	Every Canyon	S.A. Co.
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8/27/29	Claremont	S.A. Co.
11/10/29	18 mi. E. Blythe	Yuma Co. Ariz.
"	10 mi. S.W. Wickenburg	Maricopa Co. "
"	"	"
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11/7/29	33 mi. S. Gila Bend	Pima Co. "
"	"	"
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11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co. "
11/7/29	33 mi. S. Gila Bend	Pima Co. "
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co. "
11/7/29	33 mi. S. Gila Bend	Pima Co. "
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co. "
11/7/29	30 mi S. Gila Bend	Pima Co. "
11/9/29	Hills back of Boyce Thompson Arb.	Superior Pinal Co. "
"	"	"
11/7/29	33 mi. S. Gila Bend	Pima Co. "
"	"	"
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S 1735

- 36 *Trichoptilum incisum*
- 37 *Lotus rigidus*
- 38 *Nicotiana trigonophylla*
- 39 *Cryptantha*
- 40 *Throdia pulchella*
- 41 *Hilaria rigida*
- 42 *Lotus strigosus*
- 43 *Allonia incarnata* v. *nudata*
- 44 *Emmenanthe penduliflora*
- 45 *Phoradendron californicum*
- 46 *Sisymbrium brachycarpum*
- 47 *Phacelia distans*
- 48 *Oenothera refracta*
- ~~49~~ same as S 1749
- 49 *Salazaria mexicana*
- 51 *Fugonia chilensis* v. *laevis*
- 52 *Cryptantha*
- 53 *Pectocarya recurvata*
- 54 *Plantago Hooperiana* v. *californica*
- 55 *Zygadenus humbractatus*
- 56 *Amsinckia tessellata*
- 57 *Oenothera brevipes*
- 58 *Malacothrix californica* v. *glabra*
- 59 *Rafinesquina neomexicana*
- 60 *Trichoptilum incisum*
- 61 *Oenothera clavaeformis*
- 62 *Mentzelia albicaulis*
- 63 *Physalis crassifolia*
- 64 *Dryasodia Cooperi*
- 65 *Mamillaria tetrandra*
- 66 *Oenothera brevipes*
- 67 *Allonia incarnata* v. *nudata*
- 68 *Lupinus concinnus* v. *desertorum*

3/30/30 Twenty-nine Palms.

S.B.C.

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3/31/30	Twenty-nine Palms	San Bern Co
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"	"	"
"	"	road
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S1803 *Matacothrix*4 *Cryptantha*5 *Lepidium Robinsonii*6 *Parietaria floridana*7 *Phacelia distans*8 *Silene gallica*9 *Vicia californica*?10 *Lepidium nitidum*11 discarded *Ellisia chrysanthemifolia*12 *Galium angustifolium* var. *foliosum*13 *Echinosystis macrocarpa*14 *Lupinus albifrons* var. *Douglasii*15 *Lomatium canifolium*16 *Arctostaphylos subcordata*?17 *Pinus Torreyana* Parry18 discarded *Filago arizonica* *Micropus californicus*19 *Baeria chrysotoma* var. *gracilis*20 *Lisyrinchium bellum* Wats.21 *Plantago Hookeriana* var. *californica*22 *Layia platyglossa*23 *Microseris elegans*24 *Dodecatheon Hendersonii*25 *Cardionema ramosissima*26 *Atriplex californica* Moq.?27 *Stipa pulchra*28 *Filago californica*29 *Sonchus oleraceus*30 *Stylocline gnaphaloides*31 *Brodiaea capitata*32 *Plagiobothrys californicus* v. *fulvescens*33 *Orthocarpus densiflorus*34 *Polygonum aviculare*35 *Zygadenus Fremontii*36 *Sidalcea malvaeflora*S1807a *Cryptantha*
Vails R. Sta. Rosa?S1828a *Micropus californicus*
Vails R. Sta. Rosa?

4/10/30 Vails Ranch, Santa Rosa? Santa Barbara Co.

4/9/30 " " " " " "

4/8/30 " " " " " "

3/23/29 Eatons Camp, Pelican Bay, Sta. Cruz?

4/8/30 Torrey Pines, e. of Vails R. Santa Rosa?

3/23/29 Eatons Camp, Pelican Bay Sta. Cruz?

4/8/30 Vails Ranch Santa Rosa?

" Torrey Pines, e. of Vails R. " " " "

3/23/29 Eatons Camp, Pelican Bay Sta. Cruz?

4/8/30 near Vails Ranch Sta. Rosa?

mouth of Water Can

near Vails Ranch

- 51965
- 6 *Calandrinia ciliata* v. *Menziesii*
 - 7 *Amsinckia retrorsa*
 - 8 *Viola pedunculata*
 - 9 *Galium angustifolium* v. *foliosum*
 - 10 *Mimulus guttatus*
 - 11 *Opalis californica*
 - 12 *Solanum Xanti*
 - 13 *Ceanothus crassifolius*
 - 14 *Ceanothus oliganthus*
 - 15 *Bromus mollis*
 - 16 *Astragalus nigrescens*
 - 17 *Abronia maritima*
 - 18 *Trifolium gracilentum*
 - 19 *Trifolium Macraei*
 - 20 *Dentaria integrifolia* v. *californica*
 - 21 *Koeleria cristata*
 - 22 *Poa scabrella*
 - 23 *Erigeron glaucus*
 - 24 *Ceanothus arboreus* v. *glabrus*
 - 25 *Habenaria Michaelii*
 - 26 *Platystemon californicus*
 - 27 *Dendromecon Harfordii*
 - 28 *Chenopodium botrys*
 - 29 ~~discarded~~ *Cucurbita foetidissima*
 - 30 *Carex barbarae* Dewey
 - 31 ~~discarded~~ *Mimulus moschatus*
 - 32 ~~discarded~~ *Carex praegracilis* W. Booth
 - 33 *Typha angustifolia*
 - 34 *Lupinus*
 - 35 ~~discarded~~ *Juncus balticus*
 - 36 *Heliotropium curassavicum*
 - 37 *Phacelia nemoralis*
 - 38 *Rosa californica*
 - 39 ~~discarded~~ *Aster*

- [illegible]

- 51939 *Polygonum punctatum*
 40 *Nicotiana attenuata*
 41 *Platytemon californicus* var. *ornithopus*
 42 *Cryptantha*
 43 ~~Discarded~~ *Cyperus*
 44 discarded (*Dithyrea calif.* v. *mar.* from San Mig. I.)
 45 *Thysanocarpus curvipes*
 46 *Thysanocarpus laciniatus* v. *conchulifolius*
 47 ~~discarded~~ *Wislizenia refracta*
 48 *Calandrinia ciliata* v. *Menziesii*
 49 *Galium angustifolium* v. *foliosum*
 50 *Lotus scoparius* v. *dendroideus*
 51 ~~discarded~~ *Psoralea*
 52 *Centaurea melitensis*
 53 *Juncus oxymeris*
 54 *Lamarkia aurea*
 55 *Trifolium involucreatum* tridentatum
 56 *Polypogon lutosus*
 57 *Phacelia viscida*
 58 *Rubus vitifolius*
 59 *Vicia americana*
 60 *Stellaria nitens*
 61 *Sagina*
 62 discarded
 63 discarded
 64
 65 *Juncus bufonius*
 66 ~~Discarded~~
 67 *Psilocarphus tenellus*
 68 ~~Poa~~ *scabrella*
 69 *Calandrinia ciliata* v. *Menziesii*
 70 *Mimulus Flemingii*
 71 *Muhlenbergia microsperma*
 72 *Baeria arystoma* v. *gracile*

- June 1928 Merced River near Hilmar, Merced Co.
 4/10/30 San Miguel I. Sta. Barb. Co.
 4/11/30 San Miguel I. Cuyler's H. Sta. Barbara Co.
 June 1928 Merced River near Hilmar, Merced Co.
 4/11/30 Santa Cruz I. Lady's H. Sta. Barb. Co.
 June 1928 Hatch Stanislaus Co.
 4/7/30 Santa Cruz Is. Hazard's H. Sta. Barb. Co.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 June 1928 Merced R. near Hilmar, Merced Co.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/8/30 Santa Rosa Island Santa Barbara Co.
 4/10/30 Santa Cruz I.
 4/11/30 " "
 4/11/30 Santa Cruz Is. Lady's H.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/11/30 " Cruz Is.
 " " Rosa Is.
 4/8/30 Santa Rosa Is. Mouth of Water Canyon, Santa Barbara Co.
 4/11/30 Lady's H. Santa Cruz Is.

- 51973 *Photinia arbutifolia*
 74 *Calandrinia ciliata* v. *Menziesii*
 75 *Galium catalanense*
 76 *Apiastrum angustifolium*
 77 *Poa annua*
 78 *Lathyrus strictus* v. *barbarae*
 79 ~~Discarded~~ *Carex rossii* Boott det. T. J. Harman
 80 *Dendromecon Harfordii*
 81 *Pectocarya platycarpa*
 82 *Coreopsis gigantea*
 83 *Poa scabrella*
 84 *Echinocystis macrocarpa*
 85 *Castilleja hololeuca*
 86 *Mimulus guttatus*
 87 *Bowlesia eniana*
 88 *Tillaea erecta*
 89 *Erigeron glaucus*
 90 *Calochortus catalinae*
 91 *Filago californica*
 92 *Trifolium involucreatum* tridentatum
 93 ~~Lappin~~ *Rolls succulentus*
 94 *Chenopodium carinatum*
 95 *Stackys bullata*
 96 *Scutellaria tuberosa*
 97 ~~Discarded~~ *Eriogonum arborescens*
 98 *Orthocarpus purpurascens*
 99 *Plantago Hookeriana* v. *californica*
 52000 *Symphoricarpos albus* v. *mollis*
 2000 a ~~Opagis~~ *Ptilos*
 1 *Plectritis ciliosa*
 2 *Phacelia distans*
 3 *Microsteris gracilis*
 4 *Nemophila rotata* Eastw.
 5 *Heuchera maxima*
 6 *Erigeron glaucus*

- 4/11/30 Santa Cruz Is. Lady's H. Sta. Barb. Co.
 4/11/30 Santa Cruz Is. Lady's H. Sta. Barb. Co.
 4/11/30 Santa Cruz Is. Lady's H. Santa Barbara Co.
 3/24/29 2 mi. e. Eaton's Camp, Santa Cruz Is. "
 4/11/30 Santa Cruz Is. Lady's H. Santa Barbara Co.
 " " " " "
 3/24/29 " " " det. Eaton & Rand, "
 " " " " "
 4/7/30 Hazards H. Santa Cruz Is. "
 4/7/30 Hazards H. Santa Cruz Is. "
 4/7/30 " Hazards H. "
 " " " "
 3/24/29 1 mi. e. Eaton's Camp " "
 4/7/30 Hazards H. "
 " " " "
 " " " "
 " " " "
 4/6/30 Ajai, Camp Comfort Ventura Co.
 4/7/30 Hazards H. Santa Cruz Is. Santa Barbara
 4/6/30 Ajai V. Ventura Co.
 4/6/30 Ajai V. Ventura Co.
 4/8/30 Santa Rosa Is. "
 4/8/30 Santa Rosa Is. "
 4/6/30 Camp Comfort Ajai Ventura Co.
 4/8/30 Santa Rosa Island Santa Barb. Co.
 4/8/30 Santa Rosa Is. Santa Barb. Co.
 4/6/30 Ajai Ventura
 4/7/30 Santa Rosa Island " Santa Barbara
 4/6/30 Ajai Ventura Co.
 4/6/30 " "
 " Camp Comfort Ajai "
 " " "
 3/24/29 1 mi. e. Eaton's Camp, Santa Cruz Is. Santa Barbara Co.
 " near Eaton's Camp, Pelican B. "

- 52007 *Mimulus Flemingii*
8 *Memphila aurita*
9 *Vernegasia carpesioides*
10 *Gilia muticaulis*
11 *Lotus scoparius* var. *dendroides*
12 *Adenostoma fasciculata*
13 ~~1~~
14 discarded
15
16
17 *Quercus agrifolia*
18 *Arctostaphylos diversifolia*
19 *Vernegasia carpesioides*
20
21
22 *Memphila aurita*
23 *Mimulus longiflorus*
24 *Quercus dumosa*
25 discarded
26 *Platystemon californicus*
27 *Godetia epilobioides*
28 *Parietaria floridana*
29 *Gilia millefoliata*
30 *Viola pedunculata*
31 *Lithophragma sylvaticum*
32 *Haplopappus canus*
33 *Stellaria nitens*
34 *Lupinus succulentus*
35 *Cotula coronopifolia*
36
37 *Achyrochaena mollis*
38 *Juncus balticus*
39 *Ellisia chrysanthemifolia*
40 *Sisyrinchium bellum*

- 3/24/29 bel. Eatons Ranch, Santa Cruz Is. Sta. Barbara Co.
 .. 2 mi. e. Eatons Camp ..
 .. 1 ..
 4/6/30 Camp Comfort Ojai Ventura Co.
 3/24/29 near Eatons Camp, Pelican Bay, Santa Cruz Is. S.B.C.
 .. Ranch ..
- 4/7/30 Santa Cruz Is. Hazardo H. Sta. Barb. Co.
 4/7/30 Santa Cruz Is. Hazardo H. Sta Barb. Co
 4/7/30 Santa Cruz Is. Hazardo's H. Santa Barbara Co.
- " " "
 " " "
 " " "
- 4/6/30
 4/6/30 Ojai V. Ventura Co
 4/7/30 Santa Cruz Is. Hazardo's H. Sta Barb:
 " " "
 " " "
 " " "
 " " "
 " " "
- 4/8/30 - Santa Rosa Is.
 4/8/30 Santa Rosa Is.
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 " " "
 4/8/30 Santa Rosa Is. Santa Barbara Co
 4/8/30 Santa Rosa Is. Santa Barbara Co.
 4/8/30 " " "
 4/5/30 Ojai Ventura Co

- 520 41 *Apurastrium angustifolium*
42 *Gilia Nevinii*
43 *Lamarkia aurea*
44 *Silene gallica*
45 *Plagiobothrys*
46 *Oenothera micrantha*
47 *Festuca megalura*
48 *Jepsonia malvaefolia*
49 *Godetia epilobioides*
50
51 *Sanicula arguta*
52 *Vicia exigua*
53 ~~grass~~
54 *Lithophragma cymbalaria*
55 ^{ach} *Escholtzia californica*
(56 *Phacelia viscida*
57 same coll. as 2056
58 *Oenothera contorta* v. *strigulosa*
59 *Chenopodium ambrosioides*
60 *Malacothrix incana*
61 *Ceanothus megacarpus*
62 *Graphaleum bicolor*
63 *Stellaria media*
64 *Echecharris*
65 *Lyonothamnus floribundus*
66 *Veregasia carpesioides*
67 *Trifolium microcephalum*
68 *Malacothrix incana*
69 *Castilleja hololeuca*
70 *Festuca dertorensis*
71 *Arctostaphylos subcordata*
72 *Prunus Lyonii*
73 Discarded
74 *Avena fatua*
74a *Suaeda californica*

4/8/30	Santa Rosa Is.	Santa Barbara Co.
"	" " "	" " "
4/8/30	Santa Rosa Is.	Santa Barbara Co.
"	" " "	" " "
"	" " "	" " "
"	" " "	" " "
"	" " "	" " "
"	" " "	" " "
"	" " "	" " "
"	" " "	" " "
4/6/30	Ojai V.	Ventura
4/8/30	Santa Rosa Is.	Santa Barb. Co.
4/6/30	Ojai	Ventura Co.
4/8/30	Santa Rosa Is.	Sta. Barb. Co.
"	" " "	" " "
4/9/30	Santa Rosa Is.	Santa Barbara Co.
"	" " "	" " "
4/8/30	" " " Torrey Pines	" " "
4/9/30	" " "	" " "
"	" " "	" " "
4/8/30	" " "	" " "
4/9/30	" " "	" " "
"	" " "	" " "
4/8/30	" " "	" " "
4/9/30	" " "	" " "
4/9/30	" " "	" " "
"	Santa " "	" " "
"	" " "	" " "
4/11/30	San Miguel Island	Cuyler's H. S. Barbara Co.

S2177

- 78 *Cercocarpus betuloides*
 79 *Carex rossii* Boott
 80
 81 *Stipa Lemmonii*
 82
 83
 84
 85 *Eriodictyon trichocalyx*
 86 *Encelia californica*
 87 ~~*Echeveria*~~ *Adenostoma fasciculatum*
 88 *Cryptantha*
 89 *Echeveria lanceolata* v. *laridea*
 90 ~~discarded~~
 91 *Echeveria*
 92 *Echeveria*
 93 *Echeveria*
 94 *Mesembryanthemum crystallinum*
 95 *Mesembryanthemum chilense*
 96 *Salix lasiophylla*
 97 *Eriogonum fasciculatum* v. *polifolium*
 98 *Gutierrezia californica*
 99 *Solanum scoparium*
 S 2200 *Salix lasiophylla*
 1 *Crossosoma Bigelovii*
 2 *Bebbia juncea*
 3 *Trixis californica*
 4 *Nicotiana trigonophylla*
 5 *Rhus crassifolia*
 6 *Sphaeralcea ambigua* ssp. *rosacea*
 7 *Rithyrea californica*
 8 *Dalea Emoryi*
 9 *Dicoria Clarkae*
 10 *Gutierrezia californica*

- 4/20/30 Top of mt. above Palmer's C. Claremont L.A. Co.
 4/24/30 Near Brown's Flats, San Gabriel Mts. Los Angeles Co.
 4/24/30 above Palmer's Canyon, Claremont Los Angeles Co.
 " " " " " "
 " Palmer's Canyon " " "
 5/30 " " " " "
 " " " " "
 5/31/29 Claremont " " " "
 " " " " "
 5/30/29 N. Coronado Island Mex.
 " " " " "
 " " " " "
 " " " " "
 2/10/30 Santa Ana Riv. near San Bernardino S. Bern. Co.
 " White Water Canyon 1/2 mi. above White Water Lodge Riv. Co.
 " " " " " "
 " " " " " "
 " Santa Ana River. near S. Bern. S. Bern. Co.
 " White Water Can. 1/2 mi. above Wh. Water Lodge Riv. "
 " Palm Can., Palm Spr. " "
 " " " " " "
 " Lower Palm Can. " "
 " " " " " "
 " Palm Can., Palm Spr. " "
 " 1/2 way bet. White Water to Palm Spr. " "
 " " " " " "
 " " " " " "
 " " " " " "

- S2245 *Euphorbia micromera* Boiss.
 46 *Cryptantha maritima* ?
 47 *Oenothera micrantha* var. *esfoliata*
 48 *Encelia acron*
 49 *Acacia greggii*
 50 *Chilopsis linearis* var. *arcuata*
 51 *Petalonax Thurberi*
 52 *Pala californica*
 53 discarded
 54 discarded
 55 discarded
 56 discarded
 57 *Cryptantha*
 58 *Eriogonum saxatile*
 59 *Pectocarya pericillata*
 60 *Gilia Schottii*
 61 discarded
 62 *Pectocarya setosa*
 63 discarded
 64 discarded
 65 discarded
 66 *Chorizanthe Thurberi*
 67 discarded
 68 discarded
 69 discarded
 70 discarded
 71 discarded
 72 discarded
 73 discarded
 74 discarded
 75 discarded
 76 discarded
 77 discarded
 78 *Eriogonum fasciculatum* v. *flavoviride*

- 4/30/30 W hitewater, Riveraid E.
San Geronio Pass, bet. Cabezon & Whitehead, Riv. Co.
bet. Devils Garden & Morongo Can. " "
W hitewater " "
San Geronio Pass, bet. Cabezon & Whitehead " "
bet. Devils Garden & Morongo Can. " -
" " " " " "
" " " " " "
- " Morongo Valley near Morongo V. Inn " "
" Can. above Keyes Ranch San Bern. Co
" Morongo Valley near Morongo V. Inn Rivers. "
" " " " " "
" " " " " "
" " " " " "
" " " " " "
" " " " " "
" " " " " "
- " San Geronio Pass bet. Cabezon & Whitehead Riv. Co

52279 discarded

80 *Calyptridium monandrum*

81 discarded

82 *Layia*83 *Gilia aurea*84 *Nemacladus longiflorus* var. *beniflorus* McVaugh85 *Gilia*86 *Glybocline micropoides*87 *Eriogonum pusillum*88 *Eriophyllum punglii*

89 discarded

90 *Myosurus cupulatus*

91 discarded

92 *Oenothera dentata* v. *johnstonii*

93 discarded

94 discarded

95 discarded

96 *Caulanthus lasiophyllus*97 *Anisocoma acaulis*

98 discarded

99 p. Terid. see R 128

52300 *Gilia inconspicua*1 *Quercus dumosa* v. *turbinella*2 *Coleogyne ramosissima*3 *Rhamnus crocea* v. *ilicifolia*4 *Mimulus longiflorus*5 *Baileya pleniradiata*6 *Prunus fasciculata*7 *Litanion hystrix* (Nutt.) f. g. km.8 *Grayia spinosa*9 *Cryptantha*10 *Neocolletia occidentalis*

11

12 *Condalia spathulata*

4/30/30

Morongo Valley near Morongo V. Inn.

Riv. Co.

" " " " " "

" " " " " "

" " " " " "

Can. above Keyes Ranch

San Ben. Co.

" Morongo Valley near Morongo V. Inn

C

" Can. above Keyes Ranch

" " " " " "

" " " " " "

" " " " " "

" " " " " "

" " " " " "

" " " " " "

" " " " " "

- 52347 *Galium angustifolium*
(48 same as 52347
(49 *Galium catalanense*
(50 same as 52349
(51 *Galium angustifolium*
(52 same as 52351
(53 same as 52354
(54 *Galium angustifolium*
(55 same as 52384
56 *Madia radiata*
57 *Centauria solstitialis*
58 *Cyperus virens*
59 *Juncus effusus*
- 60 *Chenopodium ambrosioides*
61 *Plantago lanceolata*
62 *Echinochloa crus-galli*
63 *Cuscuta arvensis*
64 *Solanum villosum*
- 65 same as 52360
66 *Mollugo verticillata*
(67 *Polygonum punctatum*
(68 same as 52367
69 *Juncus oxymeris*
70 *Juncus xiphioides*
71 *Eleocharis*
72 *Epilobium*
73 *Solanum nigrum*
74 *Solidago occidentalis*
75 *Eriogonum canadensis*
(76 *Bidens frondosa*
(77 same as 52376
78 *Lotus americanus*
(79 same as 52380
(80 *Epilobium punctatum*

3/30/29	Andrews Can. Palm Springs.	Riv. Co.
4/8/29	Santa Catalina I., cliffs along Avalon-Pebbly Beach Rd.	LA Co.
"	" " " " Hamilton C.	"
"	" " " " Avalon C.	"
8/3/29	Oakland	Alameda
8/2/29	"	"
8/4/29	Turlock	Stanislaus Co.
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
"	"	"
8/29/29	"	"
9/30/29	"	"
"	"	"
"	"	"
"	"	"
9/3/29	Turlock	Stanislaus

- S 2381 *Tribulus terrestris*
 82 same as S 2381
 83 *Amaranthus bidetoides* Wats.
 84 *Rorippa curvisiliqua*
 85 *Cenchrus pauciflorus*
 86 *Ilysanthes dubia*
 87 *Cyperus virans*
 88 *Borreria physodes*
 89 *Stachys bullata*
 90 *Heuchera*
 91 *Holodiscus discolor*
 92 *Godetia*
 93 *Galium Nuttallii*
 94 *Astragalus leucopsis* v. *leucophyllus*
 95 *Grindelia*
 96 *Trifolium arillans* v. *pubescens*
 97 *Distichlis stricta*
 98 *Suaeda Moquini*
 99 *Sesuvium verrucosum*
 S 2400 *Atriplex leucophylla*
 1 ~~*Amorpha canescens*~~ *Elymus* sp.
 2
 3
 4
 5 discarded
 6 discarded
 7 discarded
 8 *Paspalum distichum*
 9 *Setaria leuiscens*
 10
 11 Discarded
 12 Discarded
 13 *Callitriche palustris*
 14 *Stachys albens*

AP-44

Stanislaus Co.

9/3/29 Turlock

Dept. of Botany, U. of Pa. January 25, 1946

S 2401

Dear Ray, Just ran across your no. ~~S 2401~~, from Berkeley,

California, sand beach. It is labeled as *Mimophila arenaria*, which it is not. It is some species of *Elymus*, not *E. mollis*, but I am unable to do anything further with it. Has anyone ever named the thing correctly for you? Don't bother if it would require much time--I was just curious.

Date of specimen is Fe. 21, 1929.

Yours,

Richard W. Loh

Alameda Co.

Kern Co.

Alameda Co.

Stanislaus Co.

7/2/29 Turlock

6/30/29

7/4/29 Knight Ferry

"

"

"

Dept. of Botany, U. Of Pa. January 25, 1946

Dear Ray, -

S 2401

Just ran across your no. ~~21211~~, from Berkeley, California, sand beach. It is labeled as *Amnophila arenaria*, which it is not. It is some species of *Elymus*, not *E. mollis*, but I am unable to do anything further with it. Has anyone ever named the thing correctly for you? Don't bother if it would require much time--I was just curious.

Date of specimen is Fe. 21, 1929.

Yours,

Richard W. Behl

THIS SIDE OF CARD IS FOR ADDRESS

Dr. F.R. Fosberg
Holmes Run Road
Falls Church R.R. 1
Virginia

- S 2381 *Tribulus terrestris*
 82 same as S 2381
 83 *Amaranthus blitoides* Wats.
 84 *Rouppia curvisiliqua*
 85 *Cenchrus pauciflorus*
 86 *Thysanthes dubia*
 87 *Cyperus virans*
 88 *Portulaca physodes*
 89 *Stachys bullata*
 90 *Heuchera*
 91 *Holodiscus discolor*
 92 *Godetia*
 93 *Galium Nuttallii*
 94 *Astragalus leucopsis* v. *leucophyllus*
 95 *Grindelia*
 96 *Trifolium arillaris* v. *pubescens*
 97 *Distichlis stricta*
 98 *Suaeda moquini*
 99 *Sesuvium verrucosum*
 S 2400 *Atriplex leucophylla*
 1 ~~*Amorpha canescens*~~ *Elymus* sp.
 2
 3
 4
 5 discarded
 6 discarded
 7 discarded
 8 *Paspalum distichum*
 9 *Setaria lutescens*
 10
 11 Discarded
 12 Discarded
 13 *Callitriche palustris*
 14 *Stachys albens*

9/3/29 Turlock

Stanislaus Co.

6/29/29 Dublin Canyon

Alameda Co.

6/29/29 Altamont Pass

"

6/16/29 Bakersfield

Kern Co.

6/21/29

"

"

6/21/29 Berkeley

Alameda Co.

7/2/29 Turlock

Stanislaus Co.

6/30/29

"

7/4/29 Knight Ferry

"

"

"

- 52415 *Cyperus laevigatus*
 16 *Scirpus acutus*
 17 *Juncus nevadensis*
 18 *Cephalanthus occidentalis*
 19 *Baccharis Douglasii*
 20 *Salix exigua* Nutt.
 21 *Lotus americanus*
 22 *Asclepias mexicana*
 23 *Aster Menziesii*
 24 *Juncus balticus*
 25 *Helianthus puberulum*
 26 *Potamogeton*
 27 *Rhamnus californicus* v. *obtusissimus*
 28 *Rumex conglomeratus*
 29 *Mentha spicata*
 30 *Amaranthus hybridus*
 31 *discarded*
 32 *discarded*
 33 *discarded*
 34 *Aesculus californica*
 35 *Monardella villosa*
 36 *Chenopodium Fremontii*
 37 *Ribes*
 38 *Allenrolfea occidentalis*
 39 *Rotula ramosior*
 40 *Asclepias erosa*
 41 *Lotus grandiflorus* v. *mutabilis*
 42 *Stanleya pinnata*
 43 *Franseria bipinnatifida*
 44 *Abronia latifolia*
 45 *Abronia umbellata*
 46 *Cubile edentula* v. *californica*
 47 *Medicago lupulina*
 48 *Juncus canaliculatus dubius*

7/4/29 Knight Ferry
 " " " "

ditto

7/2/29 Turlock

ditto

6/29/29 Dublin Can. ~~Al~~

Alameda Co.

6/16/29 Bakersfield

Kern

6/29/29 Dublin Can.

Alameda Co.

6/16/29 Bakersfield

Kern Co.

ditto

6/16/29 S. end of Ridge Route above Castaic

L.A. Co

6/2/29 Berkeley, S. Bay

Alameda Co

ditto

7/4/29

Knight Ferry

Stanislaus Co

52449 Herid. see R 127

- 50 *Epilobium*
 51 *Eleocharis*
 52 *Cyperus melanostachyus*
 53 *Mimulus cardinalis*
 54 *Salureja Douglasii*
 55 *Symphoricarpos albus*
 56 same as 2459
 57 *Diapantes dubia*
 58 *Prunus virginiana* v. *demissa*
 59 *Rhamnus californicus*
 60 *Physocarpus alternans*
 61 *Mimulus aurantiacus*
 62 *Cuscuta*
 63 *Baccharis pilularis*
 64 *Achillea millefolium*
 65 *Lolium multiflorum*
 66 *Picris echinoides*
 67 *Arctostaphylos drupacea*
 68 *Zauschneria californica*
 69 *Cuscuta*
 70 *Haplopappus venetus* v. *vernonioides*
 71 *Ribes malvaceum*
 72 *Lepidospartum squamatum*
 73 *Solidago californica*
 74 *Rhus diversiloba*
 75 *Pseudotsuga mucronata*
 76 *Quercus dumosa*
 77 *Umbellularia californica*
 78 *Romneya Coulteri*
 79 *Corethrogyne filaginifolia*
 80 *Dentaria integrifolia* v. *californica*
 81 *Rhamnus crocea* var. *ilicifolia*
 82

7/4/29 Knights Ferry

Stanislaus Co.

6/29/29 Dublin Can

Alameda Co.

6/30/29 Turlock

Stanislaus Co.

6/29/29 Dublin Can

Alameda Co.

ditto

Oakland

Alameda

12/21/29 Trabuco Can. Santa Ana mts. Orange Co.

ditto

12/21/29 Upper Trabuco Can. Santa Ana Mts. Orange Co.

ditto

S2483

84

85

86

87

88

89

90

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92

93

94

95

96

97

98

99

S2500

1 *Lycium*2 *Eriogonum*3 *Atriplex coronata* v. *notata*4 *Cryptantha*5 *Plectocarya setosa*6 *Eriogonum mohavense*7 *Eriogonum angulosum*8 *Chorizanthe Thurberi*9 *Gilia Matthewsii*10 *Monardella epilobis*11 *Malvastrum Parryi*12 ~~*Lepidum*~~ *nitidum*13 *Abromia villosa*14 *Lupinus succulentus*

15.

16 *Erigeron*

5/12/30

Across

"

Flat

"

Cajon

"

Flat

"

"

Cajon Pass

- 5 2510a *Calyptridium monandrum* 5/12/30 Cajon Pass San Bern. Co.
 11a *Festuca* " Granite Mts. " " "
 13a *Eriogonum inflatum* " E. slope Granite Mts.
 14a *Stephanomeria pauciflora* 1/6 mi. e Victorville
 15a *Cryptantha* same
 16a *Mitablis Bigelovii* v. *retroscia* same
 17a *Delphinium Parishii* "
 18a *Stipa speciosa* "
 19a *Nemacladus glandulosus* "
 var. *orientalis* McV.

52483

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52500

1 ~~Desmodium~~2 *Eriogonum*3 *Atriplex coronata* v. *notata*4 *Cryptantha*5 *Peltocarya setosa*6 *Eriogonum mohavense*7 *Eriogonum angulosum*8 *Chorizanthe Thurberei*9 *Gilia Matthewsii*10 *Monardella epilobis*11 *Malvastrum Parryi*12 ~~*Leptodermis*~~ *nitidum*13 *Abromia villosa*14 *Lupinus succulentus*

15.

16 *Erigeron*

5/12/30

Across End of Granite Ridge from Dead Man's Point S.B.Co.

"

Flats near Dead Man's Point 18 mi. e. Victorville

"

Cajon Pass

"

Flats near Dead Man's Point 18 mi. e. Victorville

"

"

Cajon Pass

- 525 17 *Mentzelia*
 18 ~~Sesuvio~~ *Malacothrix clelandii* Gray
 19 *Cryptantha*
 20 *Eurotia lanata*
 21 *Antirrhinum filipes*
 22 *Stanleya pinnata*
 23 *Nemacladus gracilis* Eastw.
 24 *Zygadenus brevibracteatus*
 25 *Trifolium gracilentum*
 26 *Lupinus concinnus* v. *desertorum*
 27 *Ellisia membranacea*
 28 *Pterostegia drymarisoides*
 29 *Ellisia Torreyi*
 30 *Sitanion hystrix*
 31 *Mentzelia*
 32 *Dyssodia Cooperi*
 33 *Krameria*
 34 *Coleogyne ramosissima*
 35 *Atriplex Parishii*
 36 *Allenrolfea occidentalis*
 37 *Stipa speciosa*
 38 *Nicotiana trigonophylla*
 39 *Chorizanthe brevicornis*
 40 *Malvastrum rotundifolium*
 41 *Chorizanthe rigida*
 42 *Oxytheca perfoliata*
 43 *Chaenactis carphochimia*
 44 *Eriogonum Thomasii*
 45 *Malacothrix californica* v. *glabrata*
 46 *Phacelia crenulata*
 47 *Eriogonum pusillum*
 48 *Perityle Emoryi*
 49 *Eriogonum trichosper*
 50 *Eriogonum nuttallianum*

5/12/30 Cajon Pass

" "

" East Slope Granite Mts. 16 mi. e. Victorville

" ditto

" Granite Mts.

" Valley bet. Granite Mts. & Ord Mts.

" Granite Mts.

" "

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" ditto

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5/12/30 Granite Mts. 16 mi. e. Victorville

San. Bern. Co.

" "

" "

" 16 mi. e. Victorville

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" ditto

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- 52551 *Cressa truxillensis*
 52 *Eriogonum inflatum*
 53 *Gilia punctata*
 54 *Nemacladus rubescens*
 55 *Glyptopleura setulosa*
 56 *Eschscholtzia minutiflora*
 57 *Melica imperfecta*
 58 *Thysanocarpus laciniatus*
 59 *Sphaeralcea ambigua*
 60 *Brickellia arguta*
 61 *Encelia frutescens* v. *actoni*
 62 *Brickellia arguta*
 63 *Penstemon*
 64 *Phacelia vallis-mortae*
 65 same as 52564
 66 *Salvia mohavensis*
 67 *Amsinckia tessellata*
 68 *Tetradymia stenolepis*
 69 *Brickellia arguta*
 70 *Castilleja*
 71 same as 52570
 72 *Sisymbrium brachycarpon*
 73
 74 *Cryptantha*
 75 *Pectocarya setosa*
 76
 77 *Poa scabrella*
 78 *Syntherisma pappus fremontii*
 79 *Allium fimbriatum*
 80 *Lomatium Parryi*
 81
 82 *Eriogonum inflatum*
 83
 84 same as 52582

5/12/30 Granite Mts. 14 mi. e. Victorville San Bern. Co.

1
ditto

Granite Mts.

San Bern. Co.

ditto

S2585 Zamora S2582

- 86 *Ellisia membranacea*
87 *Buckellia arguta*
88 *Sitanion hystrix*
89 *Acamptopappus sphaerocephalus*
90 *Aplopappus Cooperi*
91 *Platystemon californicus* v. *crinitus*
92 *Eriogonum Thomasii*
93 *Hilana Jamesii*
94 *Eriogonum fasciculatum* v. *foliosum*
95 *Mulla cerotina*
96 *Sitanion jubatum*
97 same as 52594

C.D. Prince

- 97 same as 52594
98 *Eriogonum nidularium*
99 ~~*Althaea*~~ *Oenothera brevipes*

(52600 *Bebbia juncea* v. *aspera*
1 same as 52600

- 2 *Cuscuta*
- 3 *Silene laciniata*
- 4 *Silene laciniata*
- 5 *Habenaria unalaschensis*
- 6 *Lotus eriophorus* v. *Heermannii*
- 7 Discarded
- 8 *Lotus tomentellus*
- 9 *Dalea spinosa*
- 10 *Cercidium floridanum*
- 11 *Dalea Schottii* v. *puberula*
- 12 *Eriogonum inflatum* v. *deflatum*
- 13 *Fagonia chilensis* v. *laevis*
- 14 *Physalis crassifolia*
- 15 *Phoradendron californicum*
- 16 *Dalea mollis* v. *mollissima*
- 17 *Stephanomeria pauciflora*
- 18 *Brandegea Bigelovii*

8/12/30 Granite Mt.

San Bernardino

ditto

5/9/30 Claremont

A. G. Co.

5/4/30 Victorville

San Bern

5/12/30 Granite Mt.

5/8/30 Santa Ana Can.

Orange Co

5/9/30 Claremont

L.A.C.

5/17/30 Deep Canyon

Reverside Co.

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11

Hills s. Deep Can.

52619. *Beloperone californica*
20 *Polypogon lutosus*
21 *Trichoptilum incisum*
22 *Cryptantha*
23 *Palafolia linearis*
24 *Petalonyx Thurberi*
25 *Dalea Fremontii* v. *Saundersii*
26 *Aristida adscensionis*
27 *Lotus rigidus*
28 *Chilopsis linearis* v. *arcuata*
29 *Astragalus emularis* v. *Harwoodii*
30 *Gilia latifolia*
31 *Mirabilis Bigelovii*
32 *Hofmeisteria pluriseta*
33 *Asclepias albicans*
34
35 *Funastrum heterophyllum*
36
37 *Hibiscus denudatus*
38 *Triodia pulchella*
39 *Sphaeralcea ambigua*
40 *Krameria parvifolia* v. *imparata*
41 *Trifis californica*
42 *Galium stellatum* v. *cremicum*
43 *Hoffmannseggia microphylla*
44 *Eriogonum inflatum*
45 *Gilia atratylloides*
46 " *intercepta*
47 *Psoralea orbicularis*
48 See R122
49 *Montia perfoliata*
50 *Montia perfoliata*
51 *Montia spathulata*
52 *Montia perfoliata*

- [illegible]

52667a *Microstis gracilis* 5/21/30 San Bern. M.
near Id. Pop. Out. on Toll Rd. San Bern. Co. 52

- 52 653 *Montia spathulata* v. *viridis*
 54 " " *tennifolia*
 55
 56 *Rubus parviflorus*
 57 *Quercus chrysolepis*
 58 *Microsternis gracilis*
 59 *Gilia ciliata*
 60 *Lewisia brachycalyx*
 61 *Taraxacum californicum*
 62 *Viola Douglasii*
 63 *Plectritis ciliosa*
 64 *Sanicula tuberosa*
 65 *Nemophila rotata* v. *integrifolia*
 66 *Poa secunda*
 67 *Plagiobothrys*
 68 *Viola purpurea*
 69 *Ceanothus perplepans* 1
 70 *Calandrinia ciliata* v. *Menziesii*
 71 *Euphorbia Palmeri*
 72 *Lupinus formosus* v. *Bridgesii*
 73 *Poa scabrella*
 74 *Platystemon californicus*
 75
 76 *Poa annua*
 77 *Layia*
 78 *Gilia inconspicua*
 79 *Gilia epilis*
 80 *Collinsia*
 81 *Gilia ciliata* v. *montana*
 82 *Agoseris retrorsa*
 83 *Gilia Parryae*
 84 *Arenaria Douglasii*
 85 ~~*Lupinus formosus*~~
 86 ~~*Lupinus formosus*~~
 Discarded

5/21/30	San Bern. Mts. near head Deep Cr. on Toll Rd.	San Bern. Co.
3/14/30	Claremont	S. A. Co.
5/21/30	Waterman Canyon	San Bern. Co.
"	Switzers Resort, Strawberry Flat	"
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"	San Bern. Mts. near hd Deep Cr. on Toll Rd	"
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"	Switzers Resort, Strawberry Flat	"
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"	Deep Cr. about halfway down on Toll Road	"

Dept. of Botany

1. R. For

NO

Steven F. Darwin

- 52687 *Gilia Parryae*
 88 *Cryptantha barbigera*
 89 *Cryptantha*
 90 *Leptotaenia dissecta* v. *multifida*
 91 *Gilia brevicula*
 92 *Phacelia distans*
 93 *Gilia*
 94 *Bromus tectorum*
 95 *Gilia capitata*
 96 *Cymopterus multinervatus*
 97 *Galium Hallii*
 98 *Arenaria macradenia*
 99 *Oenothera dentata*
 52700 *Eriodictyon trichocalyx*
 1 *Lupinus formosus*
 2 *Eriophyllum confertiflorum*
 3 *Tetradymia spinosa* v. *longispina*
 4 *Salvia carnosae*
 5 *Castilleja*
 6 *Sitamin jubata* *Hystrix*
 7 *Mirabilis Bigelovii* v. *aspera*
 8 *Chaenactis Fremontii*
 9 *Haplopappus Cooperi*
 10 *Colochoortus Kennedyi*
 11 *Asclepias vestita* v. *Parishii*
 12 *Amsonia brevifolia*
 13 *Penstemon*
 14
 15 *Sisymbrium brachycarpum*
 16 discarded
 17 *Porophyllum gracile*
 18 *Melica frutescens*
 19 *Nama demissum*
 20

5/21/30	Deep Cr. about halfway down on Toll Rd.	San Bern Co.
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"	Mojave River above Hesperia	" " "
"	Deep Cr. about halfway down on Toll Rd.	" " "
"	Mojave R. above Hesperia	" " "
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"	Deep Cr. about halfway down on the Toll Rd	" " "
"	Mojave R. above Hesperia	" " "
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"	Deep Creek near mouth. near Hesperia	" " "
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"	" " about halfway down on the Toll Rd	" " "
"	Mojave River above Hesperia	" " "
5/30/30	Granite Mts. 17 mi. e. of Victorville	" " "
"	" " "	" " "
5/30/30	Granite Mts. 17 mi. e. of Victorville	San Bern. Co.
5/30/30	Granite Mts. 17 mi. e. of Victorville	San Bernardino Co.
"	" " "	" " "

- 52721 discarded
22 *Graphalium bicolor*
23 *Thysanocarpus laciniatus*
24 *Filago arizonica*
25 *Tropidocarpum gracile*
26 *Lepidium fremontii*
27 *Festuca octoflora*
28 *Phacelia vallis-mortuae*
29 *Ellisia membranacea*
30 *Ellisia Torreyi*
31 *Lotus humistratus*
32 *Stephanomeria exigua*
33 *Chorizanthe spinosa*
34 *Rafinesquina californica*
35 *Phacelia distans*
36 *Cryptantha*
37 *Brickellia arguta*
38 *Sphaerodea ambigua*
39 *Melica imperfecta*
40 *Eriophyllum Wallacei*
41 *Pectocarya setosa*
42 *Poa scabrella*
43 *Tropidocarpum gracile*
44 *Montia perfoliata*
45 *Boeria microglossa*
46 *Pterostegia drymarioides*
47 *Chorizanthe brevicornis*
48 *Sitanion hystrix*
49 *Aplopappus*
50 *Ephedra viridis*
51 *Aster abatus*
52 *Euphorbia albomarginata*
53 *Chorizanthe Thurber*
54 *Hilaria Jamesii*

- [illegible]

- 52755 *Orypolis occidentalis*
 56 *Chaenactis Fremontii*
 57 *Eriogonum inflatum*
 58 *Delphinium Parishii*
 59 *Lupinus concinnus* v. *Orcuttii*
 60 *Nemacladus gracilis*
 61 *Erodium cicutarium*
 62 *Cuscuta*
 63 *Stipa speciosa*
 64 *Nemacladus gracilis*
 65 *Hymenoclea salsola*
 66 *Coreopsis calliopsidea*
 67 *Haplopappus linearifolius* v. *interior*
 68 *Calochortus Kennedyi*
 69 *Haplopappus Cooperi*
 70 *Grayia spinoza*
 71 *Mirabilis Bigelovii*
 72 *Cryptantha barbigera*
 73 *Microseris linearifolia*
 74 *Mentzelia congesta*
 75 *Salazaria mexicana*
 76 *Lycium Andersonii*
 77 *Arabis pulchra*
 78 *Trifolium gracilentum*
 79 same as 52773
 80 *Platystemon californicus*
 81 *Eurotia lanata*
 82 *Mirabilis Bigelovii*
 83 *Astragalus Nuttallianus* v. *trichocarpus*
 84 *Astragalus Parishii* v. *longilobus*
 85 *Stephanomeria pauciflora*
 86 *Eriogonum nidularium*
 87 *Allium fimbriatum*
 88 *Rhaphanistrum montanum*
Chorizanthe spinosa

SUBJECT

 Dept. of Botany
 Smithsonian Inst.

 Steven F. Darwin
 Dept. Biology
 Tulane University
 New Orleans LA 70118

New Orleans LA 70118

MESSAGE

DATE March 17, 1980 19

Dear Ray:

Looking through some collections here, I have discovered a specimen of *Eriogonum* (*E. saxatile*?) with no label - only "Fosberg 789" on the newspaper. Newspaper dated 1931, by the way! Would you be able to supply data so that we can type a label and put this collection in the herbarium? There is enough material for one duplicate.

Thank you!

REPLY

DATE June 9, 1980 19

Dear Dr. Darwin,

I dug up this letter on Ray's desk after he left for Guam. As the coll. book and some blank labels were with it, I assume he hadn't answered. So I enclose the label. If you change the determination, please let us know.

SIGNED

Sincerely
ATL

SPEED LETTER

TO Dr. F. R. Fosberg FROM Steven P. Darwin
Dept. of Botany Dept. Biology
Smithsonian Inst. Tulane University
 SUBJECT New Orleans LA 70118

— FOLD —

MESSAGE

DATE March 17, 1980 19__

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 of *Eriogonum* (*E. saxatile*?) with no label - only "Fosberg 789" on the news-
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 so that we can type a label and put this collection in the herbarium? There is
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Thank you!

SIGNED

Steve Darwin

REPLY

DATE June 9, 1980 19__

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 some blank labels were with it, I assume he hadn't answered. So I enclose the
 label. If you change the determination, please let us know.

Sincerely

SIGNED

MM Baker

- 52789 *Chaenactis Fremontii*
 90 *Gilia inconspicua*
 91 *Mimulus Fremontii*
 92 *Filago arizonica*
 93 *Eschscholtzia minutiflora*
 94 *Eriogonum Thomasii*
 95 *Dipsodia Cooperi*
 96 *Franseria dumosa*
 97 *Nicotiana trigonophylla*
 98 *Eriogonum fasciculatum* v. *polifolium*
 99 *Baeria chrysostoma* v. *gracilis*
 52800 *Larrea divaricata*
 1 *Oenothera dentata* v. *Parishii*
 2 *Oenothera micrantha* v. *effoliata*
 3 *Oenothera decorticans* v. *desertorum*
 4 *Bebbia juncea* v. *aspera*
 5 *Streptanthella longirostris*
 6 *Mentzelia congesta* v.
 7 *Salvia columbariae*
 8 *Gilia virgata* v. *ambigua*
 9 *Cryptantha*
 10 *Tetradymia spinosa* v. *longispina*
 11 *Eriogonum Thomasii*
 12 same as 52811
 13 *Acanthopappus sphaerocephalus*
 14 *Eriogonum pusillum*
 15 *Crotopsis Bigelovii* Gray
 16 *Ephedra viridis*
 17 *Lepidium lasiocarpum*
 18 *Stipa speciosa*
 19 *Oxytheca perfoliata*
 20 *Eriogonum deflexum*
 21 same as 52820
 22 *Lycium*

5/30/30 Granite Mts. 17 mi. e. Victorville, San Bern. Co.

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5/30/30 Granite Mts. 17 miles e. Victorville, San Bernardino

5/30/30 Granite Mts. Near Victorville, San Bernardino

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- 52823 *Eriogonum deflexum* v. *insigne*
24 *Collinsia childii*
35 *Mimulus moschatatus* var. *longiflorus*
26 *Cornus californica*
37 *Phacelia curvipes* var. *Davidsonii*, f. *macrantha*
38 *Poa secunda*
29 *Hemizoniella minima*
30 *Barbarea orthoceras*
31 *Caulanthus amplexicaulis*
32 *Arabis glabra*
33 *Potentilla Hansenii*
34 *Cryptantha semulans*
35 *Carex fracta* Mack.
36 *Carex multicaulis* Bailey
37 *Carex multicaulis* Bailey
38 Discarded
39 *Velaea vestita*
40 -
41 *Allium Burlewii*
42
43 *Pedicularis semibarbata*
44 Discarded *semibarbata*
45 Discarded
46 Discarded
47 *Pinus contorta* v. *latifolia*
48 *Pinus contorta* v. *latifolia*
49 *Castanopsis sempervirens*
50 *Ribes cereum*
51 *Arctostaphylos Parryana*
52 *Cercocarpus ledifolius*
53 *Porophyllum gracile*
54 *Silene laciniata*
55 *Romneya Coulteri*
56 same as 52855

- 52891 *Marrubium vulgare*
 92 *Castilleja*
 93 *Lotus scoparius*
 94 *Brassica encana*
 95 *Sisymbrium officinale*
 96 *Centaurea melitensis*
 97 *Lonicera subspicata* v. *johnstonii*
 98 *Salvia apiana*
 99 *Erigeron*

- 52900 *Rhus laurina*
 1 *Chenopodium californicum*
 2 *Sambucus coveana*
 3 *Cuscuta*
 4 *Castilleja*
 5 *Sonchus aspera*
 6 *Graphalium californicum*
 7 *Mimulus cardinalis*
 8 *Convolvulus occidentalis* v. *angustissimus*
 9 *Melilotus indica*
 10 *Sonchus aspera*
 11 *Melilotus alba*
 12 *Castilleja stinantha*
 13 *Polypogon monspeliensis*
 14 *Polypogon monspeliensis*
 15 *Juncus oxymeris*
 16 *Polypogon lutosus*
 17 *Rhamnus californica*
 18 *Datisca glomerata*
 19 *Euphorbia peplos*
 20 *Phacelia hispida*
 21 *Galium aparine*
 22 *Apiastrum angustifolium*
 23 *Pterostegia drymariorides*
 24 *Thalictrum polycarpum*

6/15/30 Santiago C. near Modjesko's Home, Sta. Ana Mts. Cal.

- 52925 *Eriophyllum confertiflorum*
 26 same as 52923
 27 *Galium Nuttallii*
 28 *Mimulus purpureus* X *longiflorus*
 29 same as 52924
 30 *Collinsia*
 31 *Galium angustifolium*
 32 *Pancus pusilla*
 33 *Achillea millefolium*
 34 *Rafinesquina californica*
 35 *Ellisia chrysanthemifolia*
 36 *Solanum Douglasii*
 37 *Cryptantha*
 38 *Delphinium Parryi*
 39 *Brodiaea capitata*
 40 *Silene laciniata*
 41 *Yucca whipplei*
 42 same as 52941
 43
 44
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 51
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 54
 55 *Scirpus campestris*
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 58

6/15/30 Santiago C. near Modjesko's Home, Sta. Ana Mts. Orange

ditto

6/23/1930 Del Rey

L.A. Co. Cal.

52959

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73 *Cuscuta californica*

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77 ~~*Alronia alba*~~78 *Alronia alba* var. *variabilis*

79

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81 *Atriplex semibaccata*

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89 *Oenothera cheimanthifolia*

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6/23/30 Del Rey

L.A. Co. Cal.

6/23/30 " "

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S 3000

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12 *Hemizonia fasciculata*

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21 *Rumex* ~~conglomeratus~~ *conglomeratus*

22

23 *Loghium halepense*

24

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26 *Epilobium californicum*

6/26/30 Culver Garden, below Culver City, L. A. Co. Cal.

6/26/30 Lower Bellona Cr. L. A. Co.

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S 3027

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36 *Physalis ixocarpa*37 *Conium maculatum*38 *Eriogonum fasciculatum* v. *foliolosum*

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45 *Polygonum lapathifolium*

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57 *Arthrocnemum subterminale*

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59 *Suaeda depressa*60 *Atriplex patula*

7/7/30 Lexington Wash. San Gabriel P. Cl. Monte P.O. Co. Cal.

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6/26/30 Lower Bellona Cr. L.A. Co.

6/30/30 Del Rey

6/30/30 Del Rey .. L.A. Co. Cal.

.. .. .

53061

62 *Lalicornia depressa*

63

64 *Lupinus chamissonis*65 *Corethrogyne filaginifolia* var. *virgata*66 *Hemizonia fasciculata*67 *Atriplex rosea*68 *Centromadia pungens*

69

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73 *Grindelia robusta*

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80 *Gilia giloides* var. *glutinosa*81 *Eriogonum thurberi*

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89 *Eriogonum gracile*

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6/30/30 Del Rey

L. A. Co.

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6/30/30 Del Rey

L. A. Co., Cal.

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6/30/30 " "

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7/3/30 Lexington Wash, San Gabriel R. El Monte, L. A. Co.

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7/7/30

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53095

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S 3100 *Oenothera hookeri*

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Gilia virgata

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10 *Juncus mexicanus*

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7/3/30. San Gabriel R., El Monte L.A. Co.

" " " " " " " "

7/3/30 San Gabriel River, El Monte, L.A. Co. Cal.

53129

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43 *Atriplex argentea expansa*

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56 *Atriplex argentea expansa*57 *Salicornia ambigua*

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61 *Cuscuta salina*

62

7/7/30 Alamitos Bay L. G. C. Cal.

" " " " "

7/7/30 Alamitos Bay L. G. C. Cal.

53/63

64

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70

71 *Hemizonia fasciculata*72 *Atriplex leucophylla*73 *Chloris gayana*

74

75

76 *Cordylanthus maritimus*77 *Monanthochloe littoralis*

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86

87

88 *Atriplex decumbens*

89

90 *Hemizonia fasciculata*

91

92

93 *Spartina foliosa*

94

95

96

7/7/30 Alamitos Bay

L.A. Co.

" " "

7/7/30 Alamitos Bay

L.A. Co.

7/10/30 Anaheim Landing

L.A. Co. Cal.

" " "

" " "

" " "

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S3197

98

99

S3200

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Albionia cycloptera

9

Polanisia trachysperma

10

Heliotropium convolvulaceum

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Phacelia congesta

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30

8/27/30 Mesquite

Dona Ana Co.

9/2/30 Flat 2 mi. N.W. Pyramid Peak

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7/22/30

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S 3265

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75 *Aristida Fendleriana*

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82 *Boerhaavia Torreyana*

83

84

85 *Potamogeton interior*

86

87

88 *Epiphiium Maurandya Wislizenii*

89

90 *Atriplex canescens*

91

92 *Acacia constricta*

93

94 *Acacia constricta*

95

96

97

98

7/29/30 Flats S.W. Pyramid Peak

Donna Ana Co.

8/7/30 mesquite

" " "

8/4/30 2 mi. E. Vado

" " "

7/26/30 2 mi. N. Mesquite

" " "

" " " "

" " "

8/1/30 Flats S.W. Pyramid Peak

" " "

" " " "

" " "

S3299

S3300

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5 *Eriogonum rotundifolium*

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12 *Baileya multiradiata*

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19 *Dithyrea Wislizeni*

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24 *Centaurium calycosum*

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27 *Rhus trilobata*" " 28 *Prosopis pubescens*

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31

" " 32 *Apocynum* ^{*cannabinum*} ~~*sibericum*~~ *salicifolium*

8/1/30 Flats S.W. Pyramid Peak

Roma Ana Co.

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7/28/30 2 mi. N. Mesquite

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7/27/30 3 mi. W. Roma Ana

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7/24/30 Las Cruces

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7/24/30 Las Cruces

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533 33 *Polygonum lapathifolium*

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39 *Atriplex elegans*

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49 *Janusia gracilis*

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55 *Lolanum oleagnifolium*

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66

7/24/30 Las Cruces

Dona Ana Co.

7/28/30 Mesquite

" " "

8/4/30 Pyramid Peak

" " "

7/27/30 2 mi. n. Fairacres

" " "

1 200