F. R. Fosberg

RECORD

Collection and Field Note Book

No. 3

Dec. 8, 1931 - July 17, 1932

Sept. 18, 1932 - July 22, 1933

(8658 - 10709) pp. 1-65 = Sept. 18,
(7122 - 8636) pp. 66-110

HAWAIIAN ISLANDS, Oahu	pp. 1-30 #8658 - 9567
Molokai	pp. 32-34 #9600 - 9681
Oahu	pp. 34-38 #9682 - 9816
Maui	pp. 39-46 #9821 - 10054
Hawaii	pp. 47-49 #10056 - 10125
Oahu	pp. 50-55 #10275 - 10415
Hawaii	pp. 55-56 #10422 - 10476
Hilo District	pp. 57 #10477 - 10506
Oahu	pp. 58-61 #10512 - 1059

U.S. and Mexico	pp. 61 #10594 - 1070
Sw. U.S. & N.w. Mexico	pp. 64
California, L.A. County	pp. 66-74 (End of L.A.)

Arizona	pp. 75 #7427
Arizona-Mexico-California	pp. 76-77 - 748
California	pp. 78-82 #7521 - 770
California-Mexico-Arizona	pp. 83- #7710 - 772
Arizona-Mexico-California	pp. 84
Arizona-California-Mexico	pp. 85
Mexico-Arizona	pp. 86
Mexico-Arizona-California	pp. 87
Arizona-Mexico-California	pp. 88-
Arizona-California-Mexico	pp. 89
Arizona-Mexico-California	pp. 90
California	pp. 91-99 #7961 - 82
California-Mexico	pp. 100-102 #8263 - 82
Mexico-California	pp. 103-106 #8364 - 84

Collection and Field Note Book

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HAWAIIAN ISLANDS, Oahu pp. 1-30 # 8658 - 9567
Molokai pp. 32-34 # 9600 - 9681
Oahu pp. 34-38 # 9682 - 9816
Maui pp. 39-46 # 9821 - 10054
Hawaii pp. 47-49 # 10056 - 10125
Oahu pp. 50-55 # 10275 - 10415
Hawaii pp. 55-56 # 10422 - 10476
Hilo District pp. 57 # 10477 - 10506
Oahu pp. 58-61 # 10512 - 10593

U.S. and Mexico pp. 61 # 10594 - 10709
Sw. U.S. & N.w. Mexico pp. 64
California, L.A. County pp. 66-74 (End of L.A. Museum series) # 7090 - 7426

Arizona pp. 75 # 7427
Arizona-Mexico-California pp. 76-77 - 7488
California pp. 78-82 # 7521 - 7709
California-Mexico-Arizona pp. 83- # 7710 - 7721
Arizona-Mexico-California pp. 84
Arizona-California-Mexico pp. 85
Mexico-Arizona pp. 86
Mexico-Arizona-California pp. 87
Arizona-Mexico-California pp. 88-
Arizona-California-Mexico pp. 89
Arizona-Mexico-California pp. 90
California pp. 91-99 # 7961 - 8262
California-Mexico pp. 100-102 # 8263 - 8363
Mexico-California pp. 103-106 # 8364 - 8494

California

pp. 107-110 # 8495 - 8636

E N D

- 7418 *dumosa*
 7416 *turbinella*
 7628 *agrifolia*
 7420 *wizlizeni*
 7812 *emoryi*
 7997 *lobata*
 7999 *agrifolia*
 7422 *wizlizeni*
 7813 *emoryi*
 7809 *emoryi*
 7810 *oblongifolia*
 7811 *emoryi*
 7597 *parvula*
 8240 *dumosa* var. *acutidens*
 792 *agrifolia*
 8266 *Kelloggii*
 8267 *agrifolia* f.
 8264 *dumosa*
 7687 *agrifolia*
 7688 *dumosa*

- 7576 *dumosa*
- 7573 *agrifolia*
- 7572 *dumosa*
- 7515 *dumosa* aff. *macdonaldii*
- 7558 *macdonaldii*
- 7512 *dumosa* aff. *macdonaldii*
- 7513 *macdonaldii*
- 8164 *dumosa*
- 8161 *dumosa*
- ✓ 7593 *dumosa*
- 8527 *dumosa*
- 8528 *chrysolepis*
- 8594 *turbinella*
- 7594 *toментella*
- 8103 *dumosa*
- 8153 *macdonaldii*
- 8239 *dumosa* *acutidens*
- 7596 *toментella*
- 8263 *dumosa* *acutidens*
- 8262 *dumosa*
- 8265 *dumosa*
var. *alvordiana*

105
75

F. R. Fosberg

Collection Number Book

Numbers 8658 - 10709

Oahu, Hawaiian Is.

s. ridge

Koolau Mts.

some from ridge at head
of Kipapa gulch. Whole

Kipapa gulch, Waipio 9/18/32

8658

59

60

61 Elaphoglossum reticulatum

62

63 Phyllostegia grandiflora

64

65

66 Gouldia terminalis v. typica, f. eutypica

67 Dubautia laxa var. pseudoplantaginacea

68 Gouldia terminalis v. typica f. eutypica

69

70 Gouldia terminalis var. consuea

71

72

73 Gouldia terminalis var. consuea

74

75

76

77

78 Scaevola gaudichaudiana

79

80

81

82 Pittosporum

83 Gouldia St. Johnii var. typica

84

85

86 Peperomia latifolia

87

88

89 Gouldia St. Johnii var. typica

90 Coprosma longifolia

8691 *Gouldia St. Johnii* var. *typica*

92

93 *Gouldia St. Johnii* var. *typica*94 *Phyllostegia grandiflora*95 *Peperomia ellipticibacca*96 *Gouldia terminalis* var. *coriacea*97 *Dubautia laxa* var. *obovata* f. *glabrescens*98 *Labordia*99 *Labordia*

8700

- det. Thuff 01 *Dubautia laxa* var. *obovata* f. *glabrescens*02 *Dubautia laxa* var. *pseudoplantaginacea*

03

04 *Scaevola*05 *Euphorbia clusiaefolia*06 *Gouldia terminalis* var. *coriacea*07 *Dubautia laxa*08 *Plantago*

09

10 *Hedyotis centranthoides*, o. *laevis*, f. *glomerata*11 *Dubautia laxa* var. *obovata* f. *glabrescens*12 *Gouldia terminalis* var. *coriacea*13 *Lobelia Gaudichaudii*det. Thuff 14 *Labordia fragaeoides* var. *conferta* Thuff15 *Rollandia St. Johnii*

16

17

Helena 9/25/32
 South ridge of South Paalea Gulch
 Roilan Mts., Paalea

18 *Hymenophyllum obtusum*

19

20

21

8722

27 *Pelea*24 *Gouldia terminalis* v. *typica* f. *eutypica*

25

26 *Pelea*27 *Dryopteris hawaiiensis* (Hillebr.) Robinson28 *Gouldia terminalis* var. *macrothyrsa* det. T. Hear

29

30 *Gleichenia glauca*

31

2. 2. 2.

ensis
typica f. *elliptica*
anum
meiae

oides
ica f. *eutypica*

rothyrsa
um

Macraeana
rothyrsa

49

50

51 *Gahnia*

52

53

54

55

Wachne distichophylla

5 E

69-6

2

DA-3

62

4

- 8691 *Gouldia St. Johnii* var. *typica*
 92
 93 *Gouldia St. Johnii* var. *typica*
 94 *Phyllostegia grandiflora*
 95 *Peperomia ellipticibacca*
 96 *Gouldia terminalis* var. *coriacea*
 97 *Dubautia laxa* var. *obovata* f. *glabrescens*
 98 *Labordia*
 99 *Labordia*
 8700
 - det. Thierff 01 *Dubautia laxa* var. *obovata* f. *glabrescens*
 02 *Dubautia laxa* var. *pseudoplantaginea*
 03
 04 *Scaevola*
 - 05 *Euphorbia clusiaefolia*
 06 *Gouldia terminalis* var. *coriacea*
 07 *Dubautia laxa*
 08 *Plantago*
 09
 10 *Hedyotis cunila* var. *obovata* f. *glabrescens*
 11 *Dubautia laxa* var. *obovata* f. *glabrescens*
 12 *Gouldia terminalis* var. *coriacea*
 13 *Lobelia gaudichaudii*
 L. Thierff. 14 *Labordia fragrans* var. *confertifolia*
 15 *Rollandia St. Johnii*
 16
 17

Selemanu 4/23/32
 South ridge of South Opaia Gulch
 Roalan Mts., Paalaa

- 18 *Hymenophyllum obtusum*
 19
 20
 21

- 8722
 23 *Pelea*
 24 *Gouldia terminalis* v. *typica* f. *eutypica*
 25
 26 *Pelea*
 27 *Dryopteris hawaiiensis* (Hillebr.) Robinson
 28 *Gouldia terminalis* var. *macrothyrsa* det. T. Hear
 29
 30 *Gleichenia glauca*
 31
 32 *Euphorbia carthagenensis*
 33 *Gouldia terminalis* v. *typica* f. *eutypica*
 34 *Santalum Freycinetianum*
 35 *Styphelia tameiameia*
 36 *Pelea*
 37
 38 *Centella asiatica*
 39
 40
 41 *Trichomanes davallioides*
 42 *Gouldia terminalis* v. *typica* f. *eutypica*
 43
 44 *Gouldia terminalis* var. *macrothyrsa*
 45 *Ophioglossum pendulum*
 46 *Lindsaea repens* var. *Macraeana*
 47 *Gouldia terminalis* var. *macrothyrsa*
 48
 49
 50
 51 *Gahnia*
 52
 53
 54 *Isachne distichophylla*
 55

8756

57 *Gouldia terminalis*, v. *typica* f. *eutypica*
58Waikane - Schofield Trail, Koolau Mts.
8/14/32

59

60 *Peperomia latifolia*61 *Ilex*62 *Ilex*63 *Buddleia asiatica*64 *Peperomia latifolia*

65

66 *Phyllostegia glabra*

67

68

69

70

71

72

73

74

75 *Gouldia terminalis* var. *coriacea*

det. Shuff

76 *Dubautia plantaginea* var. *angustifolia*

77

78 *Hedyotis corymbosa*, v. *laevis* f. *glomerata*79 *Blechnum occidentale*80 *Viola oahuensis*81 *Peperomia latifolia*82 *Oplismenus hirtellus*83 *Centella asiatica*84 *Gouldia terminalis* v. *typica* f. *eutypica*85 *Cyrtandra propinqua*86 *Cyrtandra forsteriana*

8787

88

89

90

Pittosporum

91

92

93

94

det. Shuff

95

Dubautia plantaginea var. *angustifolia*

96

Phyllostegia grandiflora

97

Phyllostegia parviflora

98

Cyrtandra Wallichii

99

8800

01

Tectaria gaudichaudii

02

Gouldia terminalis v. *typica* & *G. terminalis* v. *coriacea*

03

04

05

Pelea

06

07

Cyrtandra paludosa

08

09

Scaevola glabra

10

Euphorbia rockii

11

Phyllostegia glabra

12

Jussiaea suffruticosa L. var. *ligustrifolia*

Honolulu

9/12/32

13

Casuarina equisetifolia

14

15

16

17

Lantana sellowiana

18

Duranta repens

8819

20

21

22 *Phyllanthus nirous* var. *roseo-pictus*23 *Salvia splendens*24 *Zebrina pendula*

25

26 *Calotropis gigantea*

27 discarded

28 *Plumbago auriculata*

29

30 *Asystasia gangetica*31 *Duranta repens*

32

33 *Thryallis glauca*

34

35

36

37

38

39

40

41

42

43

44

45

So. ridge to. ^{Helemanu} ~~Opauka~~ Gulch, 9/20/02.
Koolau Mts. Paalaa

46

47

47 *Alyxia olivaeformis*48 *Guldia terminalis*, v. *typica* f. *autotypica*

49

8850 *Pittosporum*

Kaimuki, Honolulu

51 *Euphorbia geniculata*

52

53

54 *Oxalis corniculata*55 *Plantago major*56 *Verbena litoralis*

57

Manoa Valley, Honolulu

58 *Rubus rosae-folius*59 ^{asaring} ~~Mauandya~~ *erubescens*

60

61 *Adiantum ~~capillare-veneris~~ cuneatum*

62

63 *Drymaria cordata*64 *Emilia sonchifolia*65 *Youngia japonica* subsp. *typica*

66

67

68 *Paspalum orbiculare*69 *Euphorbia geniculata*

Waimea River, Waimea

70 *Peperomia leptostachya*

71

72 *Peperomia leptostachya*73 *Thespesia populnea*

74

75 *Achyranthes aspera*

76

~~8877~~ Kawaihapai,

8877 *Verbesina encelioides*

78 *Plumbago zeylanica*

79 *Oxalis corniculata*

Lanikai, Kailua 10/19/32

80 *Scaevola frutescens*

81 *Vitex trifolia* L. var. *simplicifolia*

82 *Euphorbia degeneri*

83 *Ctenchus echinatus*

Popoia Island, Kailua 11/8/32

84

85 *Heliotropium anomalum* var. *argenteum*

86 *Thespesia populnea*

87

88 *Sporobolus virginicus*

89

90 *Lycium carolinianum* v. *sandwicense*

91 *Capparis sandwichiana*

92 *Chenopodium sandwicense* f. *macrosperrum*

Run. ^{mt. gulch e. of Pt. Kaupakuhale}
~~MT~~ Kaala, Halea ^{in gulch and vic.}

Waianae Mts. ^{Maunaloa} Oct. 23 1932
 with H. H. John.

93

94 *Strongylodon lucidus*

95

96 *Youngia japonica* subsp. *typica*

97

98 *Cyperus*

99 *Phyllostegia grandiflora*

8900

01

02 *Asplenium unilaterale*

8903

04

05 *Tectaria gaudichaudii*

06

07

08

09 *Phyllanthus sandwicensis* var. *ellipticus*

10

11 *Styphelia Tameiameiae*

12 *Cyperus brevifolius*

13

14

15

16

17

18

19 *Asplenium horridum*

20 *Stenogyne kaalae*

21 *Gouldia terminalis* var. *coriacea*

22 *Euphorbia hillebrandii* f. *palisana*

23

24

25

26 *Acacia koa*

27

28 *Viola trachelifolia*

29

30

31 *Gouldia terminalis* var. *macrothysa*

32

33 *Isomanthus sandwicensis*

34

35

36

- 8937 *Styphelia tameiameia*
 38 *Styphelia tameiameia*
 39 *Osteomeles anthyllidifolia*

Upper Manoa Valley
 40 *Maurandya emberscens*

41

42

43

Kawairapari
 44 *Agave sisalana*

Kahalum

45 *Morinda citrifolia*

Kipapa Gulch, Koolau Mts. Waipio

46

Paua Flats vic.

10/30/32

47 *Cladium angustifolium*

48

49 *Perrottetia sandwicensis*

50

51

52

53 *Coprosma longifolia*

54

55 *Hedyotis centranthoides*, v. *laevis*, f. *glomerata*

57

58 *Dubautia plantaginifolia*

59 *Gouldia terminalis* var. *coriacea*

60 *Dodonaea viscosa*

56 *Gouldia terminalis* var. *coriacea*
~~*Peperomia ellipticaria*~~

8961 *Gouldia terminalis* var. *coriacea*

62 *Scaevola*

63 *Gouldia terminalis* var. *coriacea*

64 *Korthalsella complanata*

65

66

67

68 *Scaevola*

69 *Gouldia terminalis*, v. *typica* f. *eutypica*

70

71 *Ilex sandwicensis*

72 *Phyllostegia grandiflora* ^{apparently} ~~unicate~~ ^{trilobed} ~~at field m.~~ ^{type}

73 *Pittosporum sulcatum* var. *rumicifolium*

74 *Peperomia latifolia*

75 *Jussiaea suffruticosa* L. v. *ligustifolia*

76

77

78 *Clermontia*

79 *Scaevola*

80 *Hedyotis acuminata* f. *koolauensis*

81 *Coxia lachryma-jobi*

Puu Kaa, Waianae Mts. 11/6/32

Honouliuli

82 *Gouldia terminalis*, var. *kaala* f. *Russii*

83 *Gouldia terminalis* var. *macrothyrsa*

84

85 *Sida*

86

87

88

89 *Dianella sandwicensis*

90 *Rumex*

91 *Scaevola*

8981a Molokai, Waikolu 12/21/32

Shuff. cit. Fosberg 8998
 from Paua (B.M.B. 155:87)
 as *Dubautia plantaginifolia*
 var. *chamissoana* — in ~~partly~~
 a transposition of 8958.

8992 *Korthalsella cylindrica*

93

94

95 *Ilex sandwicensis*96 *Coprosma longifolia*97 *Peperomia membranacea*98 *Pittosporum*

99

9000 *Epocarpus brachystachys*01 *Cyperus*

02

03 *Dryopteris glabra*04 *Phytolacca brachystachys*05 *Dryopteris cyatheoides*

06

07 *Durbantia plantaginifera* var. *chamissoensis* det. Schaff.

08

09

10

11 *Asplenium Macraei*12 *Asplenium horridum*

13

14

15

16 *Drymaria cordata*

17

18

19 *Asplenium insiticum*

20

Puu Oloana, Kailua 11/13/32

21 *Triumfetta Bartramia*22 *Abutilon*23 *Microlepia strigosa* var. *hirta*9024 *Nephrolepis exaltata*

25

26

27

Dryopteris parasitica

28

Peperomia leptostachya

29

Peperomia leptostachya

30

Peperomia reflexa var. *elongata*

1. China. 1. Title.

China information committee.
China's spiritual mobilization; outline of the plan. Chung-king, China, The China information committee, 1939.
1 p. l., 18 p., 25 cm.

Library of Congress
D155.F328
101
916.2

1. Egypt—Deser. & trav. 1. Title.
40-1342
The land of Egypt, by Robin Fedden (H. Komilly Fedden) Illustrated from photographs by A. Costa and others. London, B. T. Batsford, Ltd. 1939.
viii, 120 p. col. front., plates. 23 cm.
Maps on lining-papers.
"First published, April 1939."
"Author's note" (bibliographical): p. vii.

HISTORY AND DESCRIPTION (except American)

50

51

52

Korthalsella Remyana

HISTORY AND DESCRIPTION (except American)

Fedden, Henry Romilly, 1908—

The land of Egypt, by Robin Fedden (H. Romilly Fedden)
Illustrated from photographs by A. Costa and others. Lon-
don, B. T. Batsford, ltd. [1939]

viii, 120 p. col. front., plates. 23^{cm}.

Maps on lining-papers.

"First published, April 1939."

"Author's note" (bibliographical) : p. vii.

1. Egypt—Descr. & trav. I. Title.

40-1342

Library of Congress

DT55.F328

[10]

916.2

China information committee.

China's spiritual mobilization; outline of the plan. Chung-
king, China, The China information committee, 1939.

1 p. l., 18 p. 25^{cm}.

1. China. I. Title.

40-1343

Library of Congress

DS777.47.C46

— — — — — Copy 2.

[3]

951

Chamier, Jacques Daniel, 1904?—

The dubious tale of the diamond necklace, by J. Daniel
Chamier. London, E. Arnold & co. [1939]

294 p. front., ports. 22½^{cm}.

"First published 1939."

1. Diamond necklace affair. 2. Rohan-Guéméné, Louis René Édouard,
prince de, 1734-1803. 3. Marie Antoinette, queen consort of Louis XVI,
king of France, 1755-1793. 4. La Motte, Jeanne de Saint-Rémy de Valois,
comtesse de, 1756-1791. I. Title.

40-1344

Library of Congress

DC137.15.C5

[8]

923.144

Burns, Cecil Delisle, 1879—

Civilisation: the next step, by C. Delisle Burns. New York,
W. W. Norton & company, inc., 1939.

291 p. 19½^{cm}.

"Printed in Great Britain."

1. Civilization. I. Title.

40-1345

10045

un. Erecht. hieracifolia

10272

un. Eupat. riparium Begg

9956

un. Senecio sylvaticus L.

9830, 10900, 10514, 9226

un. Xanthium ^{10776,} saccharatum
Walt.

V 07 66

Heterocentron

macrostachya Naud
det Gleason

56

Frag. vesca f. albicaulis
Britt.

8994, 9309, 9025, 8993

9295 9644

un. Plectanthus australis

8992 *Korthalsella cylindrica*

93

94

95 *Ilex sandwicensis*96 *Coprosma longifolia*97 *Peperomia membranacea*98 *Pittosporum*

99

9000 *Exocarpus brachystachys*01 *Cyperus*

02

03 *Dryopteris glabra*04 *Phytolacca brachystachys*05 *Dryopteris cyatheoides*

06

07 *Durbania plantaginifera* var. *chamissonis* det. Kierff.

08

09

10

11 *Asplenium Macraei*12 *Asplenium horridum*

13

14

15

16 *Drymaria cordata*

17

18 *Asplenium*19 *insiticum*

20

Pum Olomana, Kailua 11/13/32

21 *Triumfetta Bartramia*22 *Abutilon*23 *Microlepia strigosa* var. *hirta*9024 *Nephrolepis exaltata*

25

26

27 *Dryopteris parasitica*28 *Peperomia leptostachya*29 *Peperomia leptostachya*30 *Peperomia reflexa* var. *elongata*

31

32 *Eragrostis variabilis*33 *Peperomia leptostachya*34 *Ptilotum nudum*35 *Polypodium scolopendria*Pum Kana, Waianae Mts.
Honolulu

36

37

38

39

Makua Valley, Waianae Mts. 11/25/32

40 *Peperomia leptostachya*41 *Erythrina sandwicensis*

42

43 *Pittosporum*

44

45

46 *Asmanthus sandwicensis*

47

48 *Charpentiera*49 *Dodonaea viscosa*

50

51 *Korthalsella Remyana*

52

- 54 *Tectaria gandichandii*
 55 *Nototrichum humile*
 56
 57 *Dodonaea viscosa*
 58
 59
 60
 61
 62 *Canavalia galeata*
 63 *Diospyros ferrea* var. *sandwicensis* f. *sandwicensis*
 64
 65
 66 *Asplenium nidus*
 67
 68
 69
 70 *Pittosporum*
 71 *Korthalsella* ^{Degeneri.} ~~*capitata*~~ var. *planisscula*
 72
 73 Mt. Kaala, Haleanau vic. Waianae
 Mts. Waianaeuka 1/8/33
 74 *Alsiniidendron trinerve*
 75 *Phyllostegia grandiflora*
 76 *Diospyros ferrea* var. *sandwicensis* f. *sandwicensis*
 77
 78 *Dryopteris glabra*
 79 *Perrottetia sandwicensis*
 80
 81
 82 *Asplenium contiguum*
 83

9075a *Coprosma ochracea* v. *kaala*

- 9084 *Hedyotis Schlechtendahlia*, sp. cordata, v. *nitens* f. *kaalaensis*
 85 *Eragrostis grandis*
 86
 87 *Phyllostegia glabra* var. *macraei*
 88 *Marattia Douglasii*
 89 *Euphorbia hillebrandii* f. *palikiana*
 90
 91 ~~91~~ discarded
 92
 93 *Gouldia terminalis* var. *kaala* f. *eukaala*
 94
 95
 96 *Gouldia terminalis* var. *kaala* f. *eukaala*
 97 *Gouldia terminalis* var. *kaala* f. *eukaala*
 98 *Gouldia terminalis* var. *kaala* f. *eukaala*
 99 *Gouldia terminalis*, var. *macrothyrsa*
 9100 *Gouldia terminalis*, var. *macrothyrsa*
 01
 02
 03
 04
 05 *Smilax sandwicensis*
 06 *Coprosma Faurei* v. *oahuensis*
 07 *Coprosma Faurei* v. *oahuensis*
 08 *Dodonaea viscosa*
 09 *Phyllostegia grandiflora*
 10
 11 *Nothocestrum*
 12 *Gouldia terminalis* var. *macrothyrsa*
 13 *Gouldia terminalis* var. *macrothyrsa*
 14 *Gouldia terminalis* var. *macrothyrsa*
 15 *Gouldia terminalis* var. *macrothyrsa*
 16 *Gouldia terminalis* var. *macrothyrsa*
 17 *Peperomia reflexa* var. *parvifolia*

- 9118 *Claoxylon sandwichense* M.-G. var. *magnifolium* ^{Sheff.}
 19 *Claoxylon sandwichense* var. *magnifolium* f. *glabrescens*
 20
 21 *Scaevola*
 22 *Scaevola*
 23
 24
 25 *Cyrtandra Garnotiana*
 26 *Cyrtandra Pickeringii*
 27 *Cyrtandra kalichii*
 28
 29

Koko Crater

11/27/33

- 30 *Schiedea*
 31 *Reichardia tingitana*
 32 *Tephrosia purpurea*
 33 *Erythrina sandwichensis*
 34 *Heteropogon contortus*
 35 *Erythrina sandwichensis*
 36 *Fimbristylis* ^{cymosa var.} *pycnoccephala*
 37 *Lythrum mautimum*
 38 *Lipochaeta integrifolia*
 39 *Boerhaavia diffusa*
 40 *Psilotum nudum*
 41 *Eragrostis variabilis*

Lanikai, Kailua

42

43

44

45

46 *Leveilla jungermannioides* (Martens & Hering) Haw.47 *Lawrenzia nidifica* L. Ag.

9148

Waikiki, Honolulu

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Spyridia spinella Sonder.

Pupukea-Kahuku Trail 2/14/33

9180

81 *Euphorbia clusiaefolia*82 *Smilax sandwicensis*83 *Pteralyxia macrocarpa*84 *Pittosporum*85 *Ochrosia sandwicensis*

86

87

88 *Ulyxia olivaeformis*89 *Claoxycarpus bifidus*

90

91

92 *Xylocarpus hawaiiense*93 *Comanthus sandwicensis*

94

95 *Pelea*96 *Phyllostegia glabra* var. *Macraei*97 *Phyllostegia grandiflora*

98

99

9200

01

02

03

04

05 *Gouldia terminalis*, v. *typica* f. *eutypica*06 *Pelea*07 *Acacia koa*08 *Santalum freycinetianum*09 *Scaevola*

10

11 ~~Kothalsella~~ *Kothalsella complanata*9212 *Kothalsella platycaula complanata*13 *Rauwolfia sandwicensis*

14

15

16

17 *Gouldia terminalis* v. *typica* f. *eutypica*18 *Lindsaya macraeana*

19

20 *Cyrtandra propinqua*

21

22

23 *Pelea Wauraeana*

24

Kawela Bay

25 *Anagallis arvensis*

26

27 *Melilotus indicus*

28

29 *Euphorbia geniculata*

30

31 *Chenopodium murale*32 *Plantago lanceolata*

33

34 *Stachys arvensis*

Honolulu

35

36

Waianae Kai Valley, Waianae Mts.

37 *Cibotium Chamissoi*

3/12/33

38

39

- 9240 *Cordyline terminalis*
 41 *Athyrium Arnottii*
 42 *Asplenium horridum*
 43
 44
 45 *Psilotum nudum*
 46
 47 *Dryopteris cyathoides*
 48 *Cuphea carthagenensis*
 49
 50
 51 *Ipomoea indica*
 52
 53
 54 *Coffea arabica*
 55
 56
 57 *Adiantum capillis-veneris*
 58
 59
 60
 61 *Jectaria gaudichaudii*
 62 *Chenopodium sandwichicum*
 63
 64
 65 *Stachys arvensis*
 66 *Malvastrum coromandelianum*
 67 *Sida*
 68 *Peperomia leptostachya*
 69

Manoa-Palo Alto Ridge, Koolau Mts. 3/19/33

- 70 *Setaria palmifolia*
 71

- 9272
 73 *Carex wahuensis*
 74
 75 *Pelea sandwicensis*
 76
 77 *Ophioglossum pendulum* L.
 78
 79
 80 *Cyrtandra paludosa*
 81 *Vaccinium dentatum* x *calycinum*
 82
 83
 84 *Charpentiera*
 85
 86 *Dianella sandwicensis*
 87
 88
 89
 90
 91 *Lantana camara*
 92 *Scaevola gaudichaudiana*
 93
 94 *Peperomia leptostachya*
 95
 96 *Carex wahuensis*
 97
 98
 99 *Peperomia reflexa*
 9300 *Styphelia tameiameia*
 01 *Eragrostis variabilis*
 02 *Osteorneles anthyllifolia*
 03 *Pittosporum*
 04 *Sida*
 05

9306

Waianae Kar Valley, Waianae Mts.

07

08 *Eragrostis grandis*

09

10 *Peperomia reflexa*

11

12

13

Honolulu

13

Kalanias Ridge, Koolau Mts. 3/29/36

14 *Gomphocarpus physocarpus*15 *Sida*16 *Osteomeles anthyllidifolia*

17

18

19 *Scaevola*20 *Pteridium aquilinum*21 *Rhynchospora*22 *Gleichenia glauca*

23

24 *Scaevola glabra*

25

26

27 *Asplenium inatum*

28

29 *Cibotium Menziesii*

30

31 *Selaginella Menziesii*32 *Athyrium poretianum*33 *Jussiaea suffruticosa* var. *ligustrifolia*33 (from US
sheet of 9315)

9334

35

36

37

38

39

40 *Psilotum nudum*

41

42

43

44

45 *Scaevola mollis*

46

47

48

49 *Phyllostegia glabra* var. *Macraei*

50

51

52 *Ophioglossum pendulum*

53

54 *Lindsaea Macraeana*

55

56

57

58 *Hymenophyllum obtusum*

59

60 *Scaevola*61 *Smilax sandwicensis*62 *Smilax sandwicensis*

63

64

65 *Asplenium sandwicensis*

66

67

Honolulu

4/1/33

9368 *Ageratum* ~~*conyzoides*~~ ^{*Houstonianum* Mill.}

69

70 *Holmskioldia sanguinea*

71

72

73

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75

76 *Adiantum trapeziforme*77 *Macadamia ternifolia*

78

79

80 *Adiantum cuneatum*

81

82

83

84 *Petrea volubilis*

85

86

87

88 *Asparagus Sprengeri*89 *Grevillea robusta*

90

91 *Crinum asiaticum*

92

Laie-Malakahana Ridge, Koolau Mts.
Laie-Wainane Ridge
4/15/33

93

94 *Gouldia terminalis* var. *coriacea*

95

96

97 *Korthalsella cylindrica* var. *planiuscula*98 *Gouldia terminalis* v. *typica* f. *eutypica*

99

9399 *Korthalsella complanata*9400 *Phyllostegia grandiflora*01 *Jussiaea suffruticosa* var. *ligustrifolia*02 *Labordia*

03

04

05 *Cheirandendron gaudichaudii*

06

07

08 *Pelea*09 *Gouldia terminalis* var. *coriacea*

10

11

12

13 *Gouldia terminalis* v. *typica* f. *eutypica*14 *Phyllostegia hirsuta*

15

16 *Pittosporum glabrum*17 *Dubautia laxa* var. *bryanii*18 *Asplenium ophiotomum*

19

20 *Scaevola mollis*

21

22 *Platydesma campanulata*

23

24

det. Sheff

25 *Dubautia laxa* var. *bryanii*26 *Gouldia terminalis* var. *coriacea*

27

28

29

30 *Phyllostegia glabra* var. *Macraei*31 *Lindsaea macraei*32 *Asplenium contiguum*

9433

34 *Zanthoxylum oahuense*

35

36

37

38

39 *Pittosporum*40 *Dracaena aurea*

Kalanao Ridge, Koolau Mts. 4/30/1933

41

42

43

44 *Asplenium acuminatum*

45

46 *Dryopteris glabra* var. *serripes* ^{Herab, ined.} det. T. Herab

47

48

49 *Elaeocarpus bifidus*50 *Exocarpus*51 *Gouldia terminalis* var. *coriacea*

52

53 *Pittosporum*54 *Peperomia latifolia*

55

56

57 *Asplenium enatum*58 *Hedyotis acuminata* f. *halawana*59 *Gouldia terminalis* var. *coriacea*60 *Pittosporum*61 *Hedyotis ciliolobata* f. *nitens*, f. *nitens*

62

63

64 *Gouldia terminalis* var. *coriacea*53a *Zanthoxylum*9465 *Euphorbia elusiaefolia*66 *Eupatorium adenophorum*

67

68

69 *Elaeocarpus bifidus*

70

71

72 *Pittosporum*73 *Clermontia persicaefolia*

74

Pohakea Pass + vic. Waianae Mt. 5/12/33
Honouliuli + Lualualei.75 *Grapphalium purpureum*76 *Sida*77 *Salvia coccinea*78 *Pteridium aquilinum*

79

80

81 *Euphorbia celastroides* var. *amplexans*

82

83 *Xylocarpus hawaiiense* ??84 *Chapentia*85 *Agrostis retrofracta*86 *Opismenus hirtellus* (L.) Beauv.87 *Clematis sandwicensis*

88

89

90 *Korthalsella complanata*

91

92 *Sida*93 *Canavalia galeata*94 *Dodonaea viscosa*95 *Permisetum setosum*

- 9496 *Shiadea*
 97 *Diospyros ferrea* var. *sandwicensis* f. *sandwicensis*.
 98 *Selaginella Menziesii*
 99 *Cystopteris Douglasii*
 9500 *Microlepia strigosa* var. *hista*
 01 *Hypochaeris glabra*
 02
 03 *Crastium*
 04
 05 *Asplenium Adiantum - nigrum*
 06 *Cyperus*
 07 *Psilotum nudum*
 08 *Dryopteris glabra*
 09 *Dryopteris phyllanthoides*
 10
 11
 12 *Rumex*
 13
 14 *Silene gallica*
 15
 16
 17 *Dracaena aurea* var. *forbesii*

 Waikane - Schofield Trail,
 Koolau Mts.
 18 *Jussiaea suffruticosa* var. *ligustifolia*
 19 *Coprosma longifolia*
 20 *Platydesma*
 21 *Gouldia St. Johnii* var. *typica*
 22
 23 *Phyllostegia glabra* var. *Macraei*
 24
 25
 26 *Gouldia terminalis* var. *coriacea*

- 9527 *Cheiodendron*
 28 *Isachne pallens*
 29 *Gouldia terminalis* v. *Waurana*
 30 *Gouldia St. Johnii* var. *typica*
 31 *Cheiodendron*
 32 *Phyllostegia lantanoides*
 33
 34 *Sacciolepis contracta*
 35 *Phyllostegia glabra*
 36 *Dubautia lasa* var. *bryanii*
 37
 38 *Dubautia lasa* var. *bryanii*
 39 *Gouldia terminalis*, v. *typica* f. *robusta*
 40 *Pittosporum*
 41 *Cyperus*
 42

 Kipapa gulch, Koolau Mts. 6/10-12/33
 43 *Hibiscus Youngianus*
 44
 45
 46 *Gouldia terminalis* var. *Waurana*
 47 *Korthalsella* ^{*platycaula*} ~~*glabra*~~ ^{*plavimacula*} ~~*platycaula*~~
 48 *Josinvilla Gaudichaudiana* P.
 49
 50 *Peperomia oahuensis*
 51 *Labordia cyrtandrae* det. Sherff
 52
 53
 54 *Adenostemma* ~~*salsola*~~ ^{*Lavenia*}
 55
 56 *Pittosporum*
 57 *Korthalsella complanata*
 58

9559

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61

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L.H.K.S.

64

Eleocharis obtusa (Willd.) Schultes var. *enotata* Hb.

65

Rynchospora lamarum det. Hozakura

66

Cyperus

67

Psychotria hexandra var. *hozakana* f. *hozakana*

Wailan Valley, n. coast East Molokai

9600 *Cibotium Chamissoi* Kaulf.

VII/3/33

01

02

03 *Jussiaea suffruticosa* var. *ligustrifolia*04 *Dryopteris kerandreniana*05 *Digitaria pruriens*06 *Lythrum maritimum*9606 *Hedyotis pumilata* f. *wailauensis*07 *Dryopteris stegnoagrammoides*08 *Cladium meyerii*09 *Hedyotis acuminata* f. *wailauensis*10 *Scaevola*11 *Cladium angustifolium* (Gaud.) B. & H.12 *Cyperus*

13

14

15

16 *Cyrtandra longifolia* var. *degenerans*

17

18 *Diospyros ferrea* var. *sandwicensis* f. *wailauensis*

19

20 *Gouldia terminalis* var. *ovata* f. *wailauensis*21 *Cyrtandra lysiosepalata*

22

23

24 *Dioscorea alata*25 *Gouldia terminalis* var. *ovata* f. *wailauensis*26 *Peperomia latifolia*27 *Piper methysticum*

28

29

30 *Peperomia alternifolia*31 *Gouldia terminalis* var. *ovata* f. *stueyi*32 *Oplismenus hirtellus* (L.) Beauv.9633 *Cyperus*

34

35 *Cyperus brevifolius*36 *Cyrtandra*, n. coast E. Molokai

37

38 *Cyperus*39 *Peperomia reflexa*

40

41

42 *Zingiber zerumbet*43 *Brighamia insignis*

44

45 *Fimbristylis*46 *Cyperus*47 *Gnaphalium purpureum*

48

49 *Centella asiatica*50 *Schiedea*51 *Scaevola frutescens*52 *Morinda citrifolia*53 *Euphorbia celastroides* var. *halawana*?54 *Hedyotis acuminata* f. *wailauensis*

55

56 *Osteomeles anthyllifolia*

57

58 *Diospyros ferrea* var. *sandwicensis* f. *wailauensis*59 *Chaptalia*60 *Capp. Psilotum nudum*61 *Cassia Gaudichaudii*

62

63

64 *Bramia monnieri*

65

66

det. H. K. S. 9637a *Eleocharis obtusa* (Willd.) Schultze var. *erecta* S. S. S.

9667

63 *Hymenocallis littoralis*

69

70 *Plantago major*

71

72 *Lysimachia spathulata*

73

74

75

76 *Ischaemum luyone*77 *Cyperus javanicus* Houtt.78 *Cyperus hawaiiensis*79 *Carex wahuensis*~~Manoa Cliff Trail, Koolau Mts.~~

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81

Manoa Cliff Trail, Koolau Mts.

82 *Clermontia*

83

84 *Scaevola Gaudichaudiana*

85

86 *Coprosma foliosa*

87

88

89 *Diospyros ferrea* var. *sandwicensis* f. *sandwicensis*

90

91 *Pittosporum*92 *Hedyotis ciliolobata* var. *nitens* f. *nitens*93 *Nectaria gaudichaudii*

94

9695

96

97 *Hedyotis acuminata* f. *koolauensis*

98

99 *Gouldia terminalis* v. *typica* f. *gracilis*9700 *Gouldia terminalis* var. *conacea*

01

02

03

Palolo-Waialae Mui Ridge 8/3/33

04

05

06

07 *Sida*08 *Osteomeles anthyllidifolia*09 *Peperomia leptostachya*

10

11 *Acacia koa*

12

13

14

15

16 *Asplenium nidus*17 *Bracaena aurea* var. *forbesii*18 *Microlepia strigosa* (Thunb.) C. Presl det. D.D. Palmer
Aug. 1996

Kipapa Gulch, Koolau Mts. 8/8/33

19

20

21

22 *Gouldia terminalis* v. *typica* f. *entypica*23 *Labordia*24 *Gouldia terminalis* v. *typica* f. *entypica*

Check labels

9725

26

27

28

2. Sherff

29

Labordia hedyosmifolia var. *Hosakana* Sherff

30

31

32

Scaevola mollis

33

34

Sanicula purpurea

35

36

37

Viola oahuensis

38

Labordia molokaiana var. *phyllocalyx* det. Sherff

39

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41

42

43

Cheiodendron

44

Cheiodendron

45

46

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Astelia veratrifolia

50

51

Scaevola Skottsbergii

52

53

Scaevola

54

55

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9759

Psychotria hexandra var. *Hosakana* f. *Hosakana* (TYPE)

60

61

62

Gouldia terminalis var. *Taurana*

63

Hedyotis centranthoides v. *laevis*, f. *glomerata*

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Pittosporum glabrum

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76

Gouldia terminalis var. *Taurana*

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81

Isachne fallens

82

83

Pittosporum glabrum

84

Tetraspandra

85

Cladium meyenii

86

87

Pittosporum spatulatum

88

Cyperus

89

90

Carex wahuensis

91

92

Schizaea robusta Baker det. D. Palmer 8/90

9793

94

95

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97

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9800

det. H.K.S. 01 *Eleocharis obtusa* (Willd.) Schultes var. *enotata* Hbd.02 *Elaphoglossum reticulatum*03 *Hydrocotyle verticillata*04 *Smilax sandwicensis*

05

06 *Pelea*07 *Trichomanes Bauerianum*

08

09 *Trichomanes davallioides*

10

11 *Trichomanes davallioides*12 *Scaevola gaudichaudiana*13 *Scaevola*14 *Scaevola*15 *Scaevola*16 *Trichomanes davallioides*

17

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Beach n.w. Kahului, Aug. 17, 1933

9821

821 *Rynchospora thyrsoidea*

det. Hosaka

22a *Cuscuta*

23

24 *Heliotropium curassavicum*

25

26 *Bramia monnieri*

27

28 *Cyperus*29 *Scaevola frutescens*

30

31

32 *Messerschmidia argentea*33 *Scirpus Cyperus laevigatus* L. det. O'Neill34 *Scirpus maritimus* L.Haiku-Uka Trail, from Kailili toward
Waikamoi gulch, n.w. shoulder of
Kaleakala, Makawao Dist. Aug. 18, 193335 *Rubus rosaeifolius*36 *Gouldia Hillebrandii* var. *typica* f. *entypica*

37

38

39 *Paspalum dilatatum*

40

41

42

43

44 *Elaphoglossum hirtum*45 *Vaccinium calycinum* f. *calycinum*46 *Gouldia Hillebrandii* var. *typica* f. *entypica*

47

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9823a *Eichhornia crassipes*

9851

52

53 *Eleocharis obtusa* (Willd.) Schultes var. *enotata* Hbd.54 *Scheuchzeria*55 *Rubus hawaiiensis*

56

57

58

59 *Shet*

60

61

62 *Korthalsella complanata*

63

64 *B.*

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66

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69

70 *Gouldia Hillebrandii* var. *typica* f. *eutypica*71 *Scaevola Chamissoniana*

72

73 *Rubus*74 *Gouldia Hillebrandii* var. *typica* f. *eutypica*

75

76

77 *Rubus hawaiiensis*78 *Lapsana communis*

79

80 *Cyrtandra cordifolia* var. *gynoglabra*

81

82

83 *Perrottetia sandwicensis*

84

9885 *Prunella vulgaris*86 *Perrottetia sandwicensis*

87

88 *Scaevola*89 *Gouldia terminalis* var. *cordata* f. *emordata*91 *Vaccinium calycinum* f. *calycinum*92 *Scaevola*

93

94 *Gouldia Hillebrandii* var. *typica* f. *eutypica*95 *Scaevola*

96

97 *Pelea*Road bet. Waihee Valley and Kahakaloa,
Wailuku Dist. Aug. 19, 1933

98

~~Hana Road~~ Pauwala Pt. near
Kaenae, Hana Dist. Aug. 20, 1933

99

90 Scaevola

9919 Paia, Makawao Dist. Aug. 23, 1933
 Rest House, Rim of Haleakala Crater,
 Aug. 21, 1933

9920

10000 *Coprosma ernodeoides* var. *mauiensis* 8/23/33
 Haleakala Crater, Halemau Trail from foot of Palito rim

- 9944 *Tetramolopium humile*
 Rim of Haleakala Crater, bet. Rest House and
 summit 8/22/1933

- 9947
 - 9948 *Dubautia menziesii* same

- 9952
 - 9950

- 9922 *Dubautia platyphylla* ~~same~~
 slopes of Haleakala bet. Top

9907 *Manihot glaziovii* end of
 Maui Hana Road bet. Nahiku & 8/23/33

Kaeleku 8/20/33
 9913 *Scaevola* Chem

9953 *Hypochaeris radicata* 8/20/33
 Maui Rim of Haleakala Crater bet.
 rest house and summit
 8/22/33

4911 *Lepidium* (same as 9910)

9910 *Coleus Blumei*

Hana Road near Hana
 8/20/33 Maui

9903 *Gouldia terminalis* 1/33

var. *cordata* x var. *ovata* (same as 9902)
 9902 *Scaevola* 9905 *Scaevola* 9913 *Scaevola*
 Hana Rd. bet. Keamalahou +
 Maui 8/20/33

9963 *Pellaea ternstroffii* + 9962 *Asplen. Adiantum*
 same as 9955

9955 *Trisetum glomeratum*
 Rest House ruin of Hale. Crat. 8/21/33

9917 *Ischaemum Byrson. Trin*
 Panuvala Point, near. Keanae.
 8/20/33

9960 *Asplenium Trichomanes*
 same as 9955 done

01/11/33
 any same loc.
 + date.

9907 *Manihot glaziovii*
maui Hana Road bet. Nahiku &
Kaeleku 8/20/33

~~9913 Scaevola Cham~~

9953 *Hypochaeris radicata*
maui Rim of Haleakala Crater bet.
rest house and summit
8/22/33

4911 *Lepidium* (same as 9910)

9910 *Coleus Blumei*

Hana Road near Hana
8/20/33 Maui

9903 *Gouldia terminalis*
var. *cordata* x var. *ovata* (same as 9902)

9902 *Scaevola* 9905 *Scaevola* 9913 *Scaevola*
Hana Rd. bet. Keana Valley &
Nahiku 8/20/33

9963 *Pellaea ternifolia* & 9962 *Asplen. Adiantum*
same as 9955 *nigra*

9955 *Trisetum glomeratum*
Rest House ruin of Hale. Crater 8/21/33

9917 *Ischaemum Byrson. Trin*
Pamuel Point, near. Keanae.
8/20/33

9960 *Asplenium Trichomanes*
same as 9955 above

9925, 9926, 9927

Geranium multiflorum
var. *cannum*

Haleakala Crater floor
near Bubble Cave.

8/22/33

9934 *Chenopodium vulvaria* (same as above)

9946 *Silene acaulis*

Haleakala Cr. *Silene acaulis*

8/22/33

9924 *Silene acaulis*

Haleakala Cr. floor

near Bubble Cave

8/22/33

9928 *Plantago lanceolata*
Haleakala Crater floor,

Halemau Trail bet. Bottomless
Pit and foot of Pali 8/23/33

10000 *Cyrtosoma ernodesoides* var. *mauiensis* 8/23/33
Haleakala Crater, Halemann Trail from foot of Pali to rim

- 9944 *Tetramolopium humile*

Rim of Haleakala Crater, bet. Rest House and
summit 8/22/1933

- 9947

- 9948 - *Dubautia menziesii* same

- 9952 /

- 9950 /

- 9922 *Dubautia platyphylla* ~~same~~

slopes of Haleakala bet. Top of
of Halemann Trail at end of
road at Pua Nihoa

9969 - *Sentaleum* (same as 9922) 8/23/33

9971 *Sentaleum* (" " ")

9918 *Fimbristylis cymosa*

Pauwahu Pt. near ~~Keanae~~ Keanae, 8/20/33

9997 *Gahnia*

Haleakala, Halemann Tr. 8/23/33

9921. *Lepechinia laetata*

Haleakala Rd. w. slope 8/23/33

9957 *Deschampsia nubigena*

9958 *Luzula calamestris* v. *hawaiiensis*
Rest House. Rim of Haleakala Crater 8/21/33

Eupatorium adenophorum 9945
maui Crater floor, inside s. rim

9941 *Taraxacum vulgare* Maui
Haleakala Crater floor near
Bubble Cave 8/22/33.

9979 *Stenogyne crenata* var. *muricata*
Slopes of Haleakala bet. top of
Halemau Trail and end of road
at Puu Mianian.

8/23/33

9931 *Stenogyne crenata* var. *muricata*
Maui, Haleakala Crater floor
near bubble cave. 8/22/33

9949 *Agrostis sandwicensis*.
Rim Hale. Crat. bet. Rest House & Summit.
8/22/33

9951 Same as 9949

9999 *Dactyctis glomeratus* 8/23/33
Hale Crat. fl. Halemau Tr. bet. Bot. Pit
& ft. of pali.

- 9994 *Lythrum maritimum* same

9997 *Gahnia* (same)

9991 *Sporobolus elongatus* - Same as 9997

9923
~~10001~~ *Coprosma ernodeoides* var. *mauiensis*
Haleakala Crater floor; bet. Bottomless pit and
foot of Pali. 8/23/33

10001 *C. ernodeoides* var. *mauiensis*
Same as 9979 above.

9967 *C. ernodeoides* var. *mauiensis*
Same as 9979 above

9984 *Vaccinium reticulatum*
Haleakala Cr. Halemanu Tr. 8/23/33

9942 *Vaccinium reticulatum*
Haleakala Cr. foot of cliffs, inside s. rim.
8/23/33

9928 *Carex*
Haleakala Cr. floor bet. bottomless
pit + foot of Pali, Halemanu Tr.

8/23/33
9938 *Pellaea ternifolia*
Dark loc.

9943 *Pteridium aquilinum*
Haleakala Cr. foot of cliffs
inside s. rim 8/22/33

9944 *Coprosma emodeoides* var. *mauii*
8/22/33 Hale. Crat. Sliding Sands Trail
& lava beds at foot. inside Crater.

9940 *Haleakala Cr. near Bubble Cove.* 8/22/33
Coprosma montanum var. *crassa*

9904 *Jussiaea suffruticosa*
var. *ligustrifolia*
Hana Rd. bet. Keanae V. and Mahiki
8/20/33

9975 *Argyroxiphium caliginis*
Haleakala (outer slope) bet. top of
Halemanu Tr. + Puu Mian Mian

Asplenium Trichomanes

9987 Haleakala Crater, Halemann Trail
8/23/33

Dodonaea viscosa

9996 Haleakala Crater floor,
Halemann Trail, bet. Bottomless
Pit and foot of Pali 8/23/33

9970 *Dodonaea*

~~to~~ slopes of Haleakala
bet. top of Halemann Trail
& end of road at Puna

Miaunian 8/23/33

9977 *Dasymaschale montana* var. *crassa*
same data etc. as 9970

9980 *Vaccinium berberidifolium*
Haleakala, Top of Halemann Tr.
8/23/33

9985 *Vaccinium berberidifolium*

Haleakala Crater, Halemann Tr. 8/23/33

9968 *Vaccinium reticulatum*

Haleakala Crater, Sliding Sands Tr. 8/22/33

9930 *Vaccinium reticulatum*

Haleakala Cr. near Bubble Cave 8/22/33

9973 *Vaccinium reticulatum*

9976

- Haleakala, bet. top of Halemann Tr.

& Puna Miaunian 8/23/33

- 10256 - *Modiola caroliniana*
Waimea, Kohala mts.
- 10239 ...
Upper Hamakua Ditch Tr. Kohala mts.
- 10142 *Erythrina sandwicensis* Kona Rd. bet
Lava. Flows 1887-1907
S. Kona
- 10161 *Osteomeles anthyllifolia* Vol. Rd. not far
below the museum. Kilauea
- 10166 *Muhelia champaca*, Hualoa, N. Kona
- 10168 *Chenopodium sandwicense*
f. *macrosperrum* Kona-Kohala Rd.
near 1809 lava flow. N. Kona
- 10192 *Pisonia* Ditch Tr. near Pihema, Kohala mts.
- 10163 *Curcuma longa* - Wall Hotel Garden
Kealahou Kona
- 10250 *Cerastium* 10257. *Chenopodium murale*
Waimea, Kohala mts. 9/3/33
- 10165 *Taraxacum pennatifida*
Kealahou Kona, Hawaii 9/1/1933
- 10280 *Clerodendron Thomsonae* Balf. f.
Hilo Hawaii 9/6/1933
- 10197 *Stenogyne calaminthoides*
Trail from Waimea to upper Hamakua
Ditch Tr. Kohala mts. 9/3/33
- 10140 *Maurandya erubescens* (Don) Gray
Volcano Rd. near Maalehu 8/31/33
- 10141 *Diospyros ferrea* var. *pubescens* f. *pubescens* same loc.
+ date.

10259 *Dieffenbachia orientalis*
various

10181 *Acanthospermum*
australe Kilauea Mts.

10192 *Gnaphalium purpureum*

Tr. H. Waimea to upper
Hamakua Ditch Tr.

10174 *Oemanthus sandwicensis*

Waimea - Kohala Road. W. slopes, Kohala Mts.

10279 *Jasminum grandiflorum* L.

Old garden of Mrs. Hapai, Hilo

10231 *Veronica plebeia*

Upper Hamakua Ditch Tr. Kohala Mts.

~~10256 *Oemanthus Sandwicensis*~~

~~Pupukea - Hahuku Trail~~

10134 *Oemanthus sandwicensis*

Kipuka Puanui (Bird Park) Kilauea.

10442 *Styphelia tameiameia*, Puna Oo Trail.

above Olaa Flume, Hilo Dist

(Awehi Str. above Hilo)

10160 *Styphelia Tameiameia*, Vol. Rd. not far below
Museum, Kilauea

9966 *Styphelia Douglasii*, Slopes of Haleakala bet
Top of Halemanu Tr. & end of rd. at Puna
nanaian

9954 *Styphelia Douglasii*, Rim Haleakala Crater.
bet. Rest House & Summit

~~10228 *Theopesia populnea*~~

9963 *Pallaea ternifolia* - Rest House, rim of
Haleakala Crater

9919 Paia, Makawao Dist. Aug. 23, 1933
Rest House, Rim of Haleakala Crater,
Aug. 21, 1933

9920

10013 Lep

Bet Makaopuhi & Hapau Craters.

House of Craters, Kilauea 8/29/33

icense

t. Aug. 23, 1933

10014 ~~Lobelia glauca - moulis~~~~Pinn Kuku, bet. Hakalaka & summit.~~

8/24/33

aelan

24, 1933

typical

17

19

20 Clermont

10013 *lex*

Bet Makaopuhi & Kapeau Craters.

Hamakua, Kilauea 8/27/33

~~10014 *Lobelia gloria-montis*~~

~~Puu Kukui, bet. Nakalakea & summit.~~

8/24/33

- 10002 *Argyroxiphium sandwicense*
~~Paja, Makawao Dist. Aug. 23, 1933~~
 9919

Puu Kukui, above Haalea
 Aug. 24, 1933

10003

04

- 05 *Dubautia laxa*
 06 *Coprosma ochracea* v. *typica*
 07 *Plantago*

08

- 09 *Dubautia laxa*

10

11

12 *Astelia forbesii* var.?

13

14 *Lobelia gloria-montis*

15

16 *Plantago*

- 17 *Argyroxiphium grayanum*

18

19

20 *Clermontia*

10021

22 *Coprosma ochracea* v. *typica*

23

24

25

26 *Carex* ~~*sandwicensis*~~27 *Coprosma ochracea* v. *typica*28 *Artelia forbesii* var. *fallax*29 *Plantago*30 *Helaginella deflexa*31 *Vaccinium pahala*32 *Clermontia*

33

34

35

36 *Coprosma ochracea* v. *typica*37 *Deschampsia* (Aira) *nubigena*38 *Lagenophora*39 *Carex montis-ecce*40 *Carex sandwicensis*

41

42

43 *Gouldia terminalis* var. *cordata* f. *encordata*44 *Rabordia beryamifolia* var. *centralis* det. Kluff

45

46

47 *Gouldia terminalis* var. *cordata* f. *encordata*48 *Gouldia terminalis* var. *cordata* f. *encordata*

49

50 *Kothalsella cylindrica*51 *Marattia Douglasii*

52

53 *Oreopolus furcatus* Mann

54

10038 *Geranium humile*, var. *mauiense*
10030 (Burke's specimen has some *Lycopodium polytrichoides*)~~Puna District, Aug. 27, 1933~~

Olaa,

Aug. 28, 1933

10056

57 *Torenia asiatica*58 *Abutilon pictum*59 *Torenia asiatica*

60

61

62

63

64 *Buddlia madagascariensis*

Puna

Aug. 27, 1933

65

66 *Heterocentron macrosclachya* Naud.

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10074

85

86 *Castilleja elastica*

Chain of Craters trail, Kilauea
Aug. 29, 1933

87 *Pelea*88 *Astelia menziesii* Sm.

89

90 *Gouldia terminalis* var. *konaensis* f. *eukonaensis*

91

92

93 *Gouldia terminalis* var. *kapuaensis* f. *rigidifolia*

94

95

96

97 *Pelea*98 *Vaccinium reticulatum*

99

10100

01 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*d. Sheff 02 *Labordia hedyosmifolia* var. *kilaueana* Sheff. (Type coll.)

03

04

05

06 *Vaccinium calycinum* f. *calycinum*07 *Dubautia scabra*08 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*09 *Gouldia terminalis* var. *kapuaensis* f. *rigidifolia*10 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*11 *Ilex*12 *Vaccinium reticulatum*

13

14 *Carex*- 10115 *Dubautia ciliolata*

16

17

n. w. of Kilauea Crater, Aug. 30, 1933
18 *Pteris vittata*

10154 *Royopteris decora*

Vol. Rd. near Naalehu 8/31/33 tra (DC.) Cogn.

10157 *Coprosma ermodioides*

- 101193

10213 }
1015 10223 } *Gouldia terminalis* v. *purpurea*
10224 }
1020 10232 } Upper Hamakua Ditch Trail

head of Alakahi Fork Waipio Valley ta

102 10235 *Coprosma ochracea* v. *Rockii* Sept. 3, 1933

10263 }
10245 } *G. terminalis* v. *purpurea* -
Same data as above

Trail from Waimea to Upper Hamakua

10154 10246 *Asplenium contiguum* Sept. 3, 1933

1016 10188 }
10181 } *G. terminalis* v. *antiqua* f. *kekua*
1020 10192 }
10195 } Kihuna Ditch Trail near Kihuna

Sept. 2, 1933 Kohala Mts. Hawaii

1015 10208 *Brejo minor* -

101 Upper Ham Ditch Tr. IX/3/33

102 10202 *Sporobolus elongatus* 9/2/33
Waimea, Kohala Mts.

10176 *Korthalsella complanata*
Waimea-Kohala Rd.
w. slopes Kohala mts.
9/2/33

10169

10213 }
10223 } *Gouldia terminalis* v. *purpurea*
10224 }
10232 } Upper Hamakua Ditch Trail
head of Alakahi Fork Waipio Valley

10235 } *Coprosma ochracea* v. *Rockii* Sept. 3, 1933
Same data as above

10263 }
10245 } *G. terminalis* v. *purpurea* -
Trail from Waima to Upper Hamakua
Ditch Sept. 3, 1933

10246 *Asplenium contiguum*
Same - ↑

10188 }
10191 } *G. terminalis* v. *antiqua* / *kekena*
10192 }
10195 } Kihuna Ditch Trail near Kihuna
Sept. 2, 1933 Kohala Mts. Hawaii

10208 *Briza minor* -
Upper Ham Ditch Tr. IX/3/33

10202 *Sporobolus elongatus* 9/2/33
Waima, Kohala Mts.

10176 *Korthalsella complanata*
Waima - Kohala Rd.
w. slopes Kohala Mts.
9/2/33

10234 *Hydrocotyle verticillata*

upper Hamakua Ditch Trail
Kohala Mts. Hawaii

9/3/33

10237 *Apium*

"

10266 *Coleus Blumei*

Hilo

9/6/33

{ 10216 *Veronica serpyllifolia*
10220 *Hedyotis centhedoides* v. *centhedoides* f. *Kohala*
upper Hamakua Ditch Trail, Head
of Alakahu Fork of Waipio Valley,
Kohala Mts. Hawaii 9/3/33

10242 *Dryopteris paleacea*

Trail from Waimea to upper Hamakua
Ditch, ~~Trail~~ Kohala Mts. 9/7/33

10185 *Microlepia strigosa* var. *hirta*
Kehena Ditch Tr. near Kehena
Kohala Mts. 9/2/33

10154 *Romoxetis decora*
Vol. Rd. near Naalehu 8/31/33

10157 *Cyperoma ernodeoides*
var. *typica* St. J. 8/31/33
Vol. Rd. not far below Maus. Kilauea

10150 *C. ernodeoides* var. *typica*
Same as 10157

~~10209 *Eleocharis obtusa* (Willd.) Kuntze
var. *enolata* 146d.~~

10258 *Euphorbia pepplus* L.
Waimea, Kohala Mts.
9/3/33

10159 *Bulbostylis capillaris* (L.) C.B. Cl.
Mauna Iki, Kau Desert 8/31/33

10164 *Fimbristylis cymosa* R.Br.
Honauan, City of Refuge, S. Kona
9/1/33

10209 *Eleocharis obtusa* var. *enolata*
Tr. from Waimea to upper Ham. Ditch
Kohala Mts. 9/3/33

10151 *Gahnia*
Mauna Iki, Kau Des. 8/31/33

10132 *Cyperus*
Kehena ditch Tr. near Kehena 9/2/33

10264 *Cyperus*
Volcano rd. 9-10 mi. below Kilauea
9/6/33

10138 *Rumex*

Kona Road bet. lava flows of
1887 + 1907, S. Kona. 8/31/1933

10204 *Polygonum*

Trail from Waima to
Upper Hamakua Ditch,
Kohala Mts. 9/3/33

10249 *Polygonum*

Waima, Kohala Mts. 9/3/33

10148 *Dodonaea viscosa*

Volcano Rd. above Mauna Iki
8/31/33

10146 *Dodonaea viscosa*

Mauna Iki, Kau Desert
8/31/33.

10156 *Vaccinium reticulatum*

Volcano Rd. Kilauea 8/31/33

10209 *Eleocharis obtusa* (Willd.) Schult.,
var. *anotata* Hb. det. H.K.S.

Kohala Mts. Tr. fr. Waima to upper
Hamakua Ditch Tr. 9/3/33

10205 *Athyrium poiretianum*

Same as 10206 above

10204 *Athyrium Arnottii*

10155 *Pellaea tenuifolia* - Vol. Rd. above Mauna
Iki. 8/31/33

10132 *Myoporum sandwicense*
Kipuka Pualea (Bird Park) Kilauea
8/30/33

10139 *Nototrichum sandwicense*
Kona Rd. bet lava flows of 1881 & 1907
S. Kona. 8/31/33

10145 *Myoporum sandwicense*
Volcano Rd. below Pahala 8/31/33

10151 *Gahnia*
Mauna Iki, Kona Desert 8/31/33

10158 *Coccoloba*
Volcano Rd. above Mauna Iki. 8/31/33

10159 *Bulbostylis capillaris*
Mauna Iki, Kona Desert 8/31/33

10164 *Fimbristylis cymosa*
Honalei City of Refuge, S. Kona 9/1/33

10167
Kona - Kohala Rd. near 855 flow N. Kona

10169 *Nototrichum sandwicense* 9/1/33
same as 10167

10175 *Acacia koaia*

Waimea-Kohala Rd. w. slopes Kohala Mts.
9/2/33

10178 *Myoporum sandwicense*.
same as 10175

10179 *Acacia koaia*.
same as 10179

10182 *Cyperus*

Kehena Ditch Trail near Kehena,
Kohala Mts. 9/2/33

10209 *Eleocharis obliqua* v. *enotata*

Trail from Waimea to upper Hamakua
Ditch Kohala Mts. 9/3/33

10227 10229 *Ilex*

Upper Hamakua Ditch Trail - Head of
Ulukahi Look of Waipio Valley, Kohala Mts.
9/3/33

10253 10254

Upper Hamakua Ditch Trail. 9/3/33

10264

Volcano Rd. 9 or 10 mi. below Kilauea

10074

85

86 *Castilloa elastica*Chain of Craters trail, Kilauea
Aug. 29, 1933

87 Pelea

88 *Astelia menziesii* km.

89

90 *Gouldia terminalis* var. *konaensis* f. *eukonaensis*

91

92

93 *Gouldia terminalis* var. *kapaensis* f. *rigidifolia*

94

95

96

97 Pelea

98 *Vaccinium reticulatum*

99

10100

01 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*d. Sheff 02 *Labordia hedyosmifolia* var. *kilaueana* Sheff. (type coll.)

03

04

05

06 *Vaccinium calycinum* f. *calycinum*07 *Dubautia scabra*08 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*09 *Gouldia terminalis* var. *kapaensis* f. *rigidifolia*10 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*11 *Ilex*12 *Vaccinium reticulatum*

13

14 *Carex*

- 10115

Dubautia ciliolata

16

17

n. w. of Kilauea Crater, Aug. 30, 1933

18 *Pteris vittata*

19

20 *Fragaria*21 *Tibouchina semidesandra* (DC.) Cogn.

22

23

Kipuka Puaulu

24

25 *Gouldia terminalis* var. *antiqua* f. *acuta*(Scattered notes for numbers
10132 - 10266 on small
loose sheets of note paper)

30 Aug. 33 - 6 Sep. 33 Hawaii

Waikane - Schofield Trail, Koolau Mts.
22 Sept. 33

- 10275 *Perrottetia sandwicensis*
76 *Verbena litoralis* H.B.K.
77 *Phyllostegia parviflora*
78
79 *Scaevola*
80 *Scaevola mollis*
81 *Scaevola*
82 *Durbanthia plantaginea* var. *chamissonis*
83 *Guldia terminalis* v. *typica* f. *robusta*
84
85
86 *Scaevola*
87
88
89 *Gleichenia owbykensis*
90 *Ilex*
91 *Euphorbia rockii*
92 *Scaevola mollis*
93
94
95
96

Heads

97
98

~~Opaena~~ Ridge s. of Helemanu Gulch,
(Pamoho Tr.), Koolau Mts. Paalaa, 9/24/33

99 *Santalum freycinetianum* var

10300

01

10310 a *Barringtonia* - B.S.D. - 10/1/33

10310 a *Barringtonia* - B.S.D. - 10/1/33

Hanalei, above Cropper Ranch, Koolau Mts.

23 *Cyanea angustifolia*

24

25

26 *Scaevola gaudichaudiana*

27

28 *Scaevola mollis*

29 *Pittosporum*

30 *Phyllostegia glabra* var. *Maunaei*

10263 a } *Lettaria lutescens* (Weig.) St.

10263 b } *Racciolapis contracta*

Volcano Rd. 9 mi. above Hilo

9/6/33

10273 *Ligularia kaempferi* S. & Z.

(get data from Nat. Arb. sheet)

Waikane - Schofield Trail, Koolau Mts.
22 Sept. 33

- 10275 *Perrottetia sandwicensis*
76 *Verbena litoralis* H.B.K.
77 *Phyllostegia parviflora*
78
79 *Scaevola*
80 *Scaevola mollis*
81 *Scaevola*
- 82 *Dubautia plantaginea* var. *chamissonis*
83 *Gouldia terminalis* v. *typica* f. *robusta*
84
85
86 *Scaevola*
87
88
89 *Gleichenia oahuensis*
90 *Ilex*
- 91 *Euphorbia rockii*
92 *Scaevola mollis*
93
94
95
96

Heaia

97
98

~~Opaena~~ Ridge s. of Helemano Gulch,
(Pamoho Tr.), Koolau Mts. Paalaa, 9/24/33

- 99 *Santalum freycinetianum* var

10300

01

10302

03

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21

10310 a *Barzania baldwinii* Nutt.

Joinsvillea gaudichaudiana

Gouldia terminalis var. *macrothyrsa*

Gouldia terminalis var. *macrothyrsa*

Vaccinium dentatum x *calycinum*

Gouldia terminalis var. *macrothyrsa*

Adenostemma lavenia

Zanthoxylum semiarticulatum

Scaevola

Scaevola gaudichaudiana f. *leucocarpa*

Dubautia plantaginea var. *chamissonis*

Platydesma

Hauula, above Cooper Ranch, Koolau Mts.

23 *Cyanea angustifolia*

24

25

26 *Scaevola gaudichaudiana*

27

28 *Scaevola mollis*

29 *Pittosporum*

30 *Phyllostegia glabra* var. *Maunaei*

10331 *Scaevola*

32

33 *Ilex*

34

35

36

37

38 *Durbanthia laxa* var. *pseudoplantaginea*

39

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41

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43

44

45 *Labordia*46 *Trichomanes davallioides*47 *Cyrtandra propinqua*

48

49

50

51

52 *Fragaria*

53

54 *Pittosporum*

55

56

57 *Pittosporum*

Bet. Noko Head & Makapuu, Mauna lua 10/22/33

58 *Gossypium tomentosum*

Waimanalo Bay, Waimanalo

10/22/33

59 *Nama sandwicensis*60 *Vitex trifolia* var. *simplicifolia*62 *Ilex*

63

64 *Gouldia terminalis* var. *kaala* f. *eukaala*65 *Gouldia terminalis* var. *kaala* f. *eukaala*

66

67

68

69 *Labordia fagraeidea* var. *waianaeana* Sheff. (type coll.)70 *Coprosma ochracea* var. *kaala*

71

72

73 *Vaccinium calycinum* f. *Meyenianum*

74

75 *Durbanthia laxa* var. *hirsuta*76 *Vaccinium calycinum* f. *Meyenianum*77 *Stenogyne kaalae*78 *Gouldia terminalis* var. *microphylla*79 *Hedyotis Schlechtendahlina* sp. *cordata* var. *secundiflora* f. *glaberrima*80 *Scaevola gaudichaudiana* f. *leucocarpa*

81

82

10347 a *Labordia fagraeidea* var. *waianaeana* Sheff.

Kahana Valley, Koolau Mts.

10389 *Solanum*

(26 Nov. 33)

90

91 *Hibiscus arnothianus*92 *Cladium meyenii*

93

94

95

96

97 *Sep*

98

99 *Sep*

10400

01

02 *Joinvillea gaudichaudiana*03 *Scaevola*

04

05 *Scaevola*06 *Scaevola mollis*07 *Scaevola*

08

09

10 *Centella asiatica*11 *Cyrtandra longifolia* Hb. var. *degenerans*

12

13 *Buddleia asiatica*

14

15 *Aplismenus hirtellus*

16

17

18

10478 *Hydrocotyle*
verticillata Thunb.

Awahi Stream above

Hilo. 12/7/33 alt. 500 m.

10429 *Vaccinium reticulatum*

re Hilo, Hawaii

Pumoo Trail, above Olaa Flume, Hilo Dist.

Dec. 7, 1933

10456 *Sep* - same as (10429)

12/10/33

10282 *Rhododendron*

Hilo 9/6/33

10428 *Coprosma erodeoides* v. *manisum*

Same as 10429 above.

10450 *Rubus hawaiiensis* -

Same as 10429 above

10436 *Pilea* (same as below)10423 *Dubautia scabra*

Pumoo Trail above Olaa Fl.

12/10/33

10444 *Astelia menziesii*

Pumoo Trail above Olaa Fl. 12/10/33

f. *englabra*10422 *Scaevola chemisana* v. *bracteosa*

Olaa flume 12/10/33

10426 *Scaevola chemisana* v. *bracteosa*

Olaa flume Hilo Dist. 12/10/33

f. *englabra*

39

40

41

42

43

44

10438 *Hydrocotyle*
verticillata Thunb.

Awehi Stream above
Hilo. 12/7/33 alt. 500 m.

10429 *Vaccinium reticulatum*

Puu Oo Trail, above Olaa Flume, Hilo Dist.
10456 *Ilex - semica* (10429) 12/10/33

10282 *Rhododendron*
Hilo 9/6/33

10428 *Coprosma ernodeoides* v. *triantha*
Same as 10429 above.

10450 *Rubus hawaiiensis* -
Same as 10429 above

10436 *Pilea* (same as below)

10423 *Diabautia scabra*

Puu Oo Trail above Olaa Fl.
12/10/33

10444 *Astelia menziesii*

Puu Oo Trail above Olaa Fl. 12/10/33

10422 *Scaevola Chamissoniana* v. *bracteosa*

Olaa flume 12/10/33

10426 *Scaevola Chamissoniana* v. *bracteosa* -
Olaa flume Hilo Dist. 12/10/33

Kahana Valley, Koolau Mts.

10389 *Solanum*

(26 Nov. 33)

90

91 *Hibiscus arnottianus*92 *Cladium meyenii*

93

94

95

96

97 *Sep*

98

99 *Sep*

10400

01

02 *Joenvillea gaudichaudiana*03 *Scaevola*

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05 *Scaevola*06 *Scaevola mollis*07 *Scaevola*

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10 *Centella asiatica*11 *Cyrtandra longifolia* Hb. var. *degenerans*

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13 *Buddleia asiatica*

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15 *Aplismenus hirtellus*

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Awehi Stream, above Hilo, Hawaii

Dec. 7, 1933

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10445

46 *Asplenium contiguum*

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49 *Hedyotis centranthoides*, v. *centranthoides*, f. *centranthoides*

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55 *Cladium angustifolium*

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Hills above Aikaka Falls, Honolulu,
Dec. 7, 1933

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59 *Isotria*60 *Gouldia Hillebrandii* var. *hawaiiensis*

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64 *Gouldia Hillebrandii* var. *hawaiiensis*

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66 *Gouldia Hillebrandii* var. *hawaiiensis*

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70 *Adiantum cuneatum*

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75 *Joinsvillea Gaudichaudiana*10476 *Peperomia ~~Pennisi~~ Cookiana*

Pluchea odorata (Awehi Stream)

Rosa chinensis var. *viridiflora*
Hilo10500 *Opheoglossum pendulum*
10503 *Elaphoglossum gorgoneum*
Awehi Stream 12/7/33

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09 *Pluchea odorata* (Awehi Stream)

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11 *Rosa chinensis* var. *veridiflora*
Hilo

10500 *Ophioglossum pendulum*

10503 *Elaphoglossum gorgoneum*

Awehi Stream 12/7/33

10482 *Sacciolepis contracta*

Auehi Str. above Hilo. XII/7/33

10447 *Vaccinium calycinum* f. *Fauriei*

Pumoa Tr. above Olaa Flume, Hilo D. 12/10/33.

10446 *Asplenium contiguum*

same as 10447

- 10494 *Jussiaea suffruticosa* L. var. *ligustrifolia*

Auehi Stream above Hilo. 12/7/33

10505 *Cyanea*

10508 *Ilex*

10510 *Ilex*

Auehi Str. above Hilo. 12/7/33

10445

46 *Asplenium contiguum*

47

48

49 *Hedyotis centranthoides*, v. *centranthoides*, f. *centranthoides*

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55 *Cladium angustifolium*

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57

Hills above Aikaka Falls, Honolulu,
Dec. 7, 1933

58

59 *Strep*60 *Gouldia Hillebrandii* var. *hawaiiensis*

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64 *Gouldia Hillebrandii* var. *hawaiiensis*

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66 *Gouldia Hillebrandii* var. *hawaiiensis*

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70 *Adiantum cuneatum*

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75 *Joinsvillea Gaudichaudiana*10476 *Peperomia ~~Penny~~ Cookiana*

Prim ~~at~~ Trail, above Olapa Flume
Kila Dist. Dec. 10, 1933

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79 *Gouldia Hillebrandii* var. *hawaiiensis*

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86 *Gouldia Hillebrandii* var. *hawaiiensis*

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89 *Gouldia Hillebrandii* var. *hawaiiensis*

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95 *Gouldia Hillebrandii* var. *hawaiiensis*

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Makaha Valley, mouth.

10512

(23 Apr 33)

13 *Jaquemontia sandwicensis*

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15 *Reichardia tingitana*

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17 *Atriplex semibaccata*18 *Plumbago zeylanica*

19

20 *Achyranthes aspera*21 *Sida*22 *Tribulus cistoides*24 *Lycium carolinianum* v. *sandwicense*

Kailua

7/22/33

25 *Liriodendron*

Honolulu

4/7/33

26 *Abutilon*27 *Jussiaea suffruticosa* var. *ligustrifolia*

28

29 *Wahiale*

Honolulu

29 *Euphorbia heterophylla* var. *cyathophora*

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10535

Cordia subcordata

36

Muntingia calabura

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Enterolobium cyclocarpum

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Heliotropium anethumaeifolium

39

40 *Wallacodendron celebicum*

41

Lagerstroemia speciosa

42

Plants of the Hawaiian Islands

OAHU

Eragrostis grandis Willd.
 Loc. *var. polystachya* Willd.
 Hab. *var. polystachya* Willd.
 Waianae Mts. Makaha - Waianae
 open ridge

Date

3 - 31 - 1935

Alt. 780 m.

Coll. F. R. Fosberg No. 10881

Det. A. D. Whitney

Remarks: *chumpo*Mts.
ryii

Plants of the Hawaiian Islands

OAHU

Eragrostis grandis Willd.
var. *polyantha* Willd.
Loc. *Puu Hauwili Puu Kaala ridge*
Hab. *Waianae Mts. Makaha - Waianae Kai*
open ridge

Date 3 - 31 - 1935

Alt. 780 m.

Coll. F. R. Fosberg No. 10881

Det. *A. D. Whitney*

Remarks: *clumps*

9705 *Echinochloa colonum*

Koko Hd. Crat. above Hanalei
Bay. Maunalea 7/13/33

9704 *Marsilea villosa*

(same loc)

Makaha Valley, mouth.

(23 Apr 33)

10512

13 *Jaquemontia sandwicensis*

14

15 *Richardia tingitana*

16

17 *Atriplex semibaccata*18 *Plumbago zeylanica*

19

20 *Achyranthes aspera*21 *Sida*22 *Tribulus cistoides*24 *Lycium carolinianum* v. *sandwicense*

Kailua

7/22/33

25 *Liriodendron*

Honolulu

4/2/33

26 *Abutilon*27 *Jussiaea suffruticosa* var. *ligustrifolia*

28

~~Kahuku~~
~~Waiahole~~

Honolulu

29 *Euphorbia heterophylla* var. *cyathophora*

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10535 *Cordia subcordata*36 *Muntingia calabura*37 *Enterolobium cyclocarpum*38 *Heliotropium anethifolium*

39

40 *Wallacodendron celebicum*41 *Lagerstroemia speciosa*

42

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45 *Cordia sebastena*

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Kahuku

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Waiahole, Koolau Mts.

48 *Hydnocarpus kurzii*

49

Honolulu

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Honolulu

86 *Artabotrys uncinatus*

87

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89 *Persea americana*

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Oahu - U.S. & Mex.

Makapuu

10591 Sida

92 *Atriplex semibaccata*

93

Borages from southwestern
U.S. and ~~Northwestern~~ Northwestern
Mexico coll in Spring of 1932

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Pum Kaala, Waianae Mts, ~~Waianae~~ Waianae

- 08 *Phyllanthus sandwicensis* var. *oblongifolius*
 09 *Ageratum conyzoides*

Continued from Book 6² p. 145

7090

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10571 *... trachysanthus*10564 *Pyramis* det. M. L. Pan
 3/25/33

same loc.

Pyramis var. *pyrenocapitata* 133

71

*Gracilanthus purpureum*10562 *Morphaea* per
*fimbriatilis cynosa*10258 *Thespesia populnea**Popoia* det. K. L. L.57 *Fimbristylis cynosa*
*Popoia*10559 *Argemone alba*
 Pyramid Rock 3/25/3310570 *Oxalis corniculata**Morphaea* *Pyramis**Pyramis* Rock 3/25/33- 10575 *Lipochyta integrifolia* ditto

26/33

10585 *Ipomoea sandwicensis*
 same

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10562 Gnaphalium purpureum

63 ^{Mokapu pen.} Fimbristylis cymosa Pyramid Rock, Mok. Pen.

10258 Thespesia populnea

Popoia Is. Kaula

57 Fimbristylis cymosa
Popoia

10559 Argemone alba
Pyramid Rock 3/25/33

10570 Oxalis corniculata

Mokapu Peninsula

Pyramid Rock 3/25/33

- 10575 Lipochoeta integrifolia ditto

10564 3/25/33
F. cymosa same loc.
Pyram. Rock

10583 *Heliotropium curassavicum* L.
Popoia Island

Kailua 1/28/34.

11583 *Lonchus aleratus* Popoia I. Kailua

- 10556 *Lipochaeta integrifolia* ditto 3/24/33

10561 *Reichardia tingitana*

Mokapu Peninsula, Pyramid Rock,
Heeia Flats, Heleloa 3/25/33

10581 *Heliotropium ~~anomalum~~ ^{argenteum} var. argenteum*
Popoia I. Kailua 3/24/33

- 10563 *Euphorbia degeneri* Sherff

Mokapu Peninsula, Pyramid Rock,
Heeia Flats, Heleloa 3/25/33

10571 *Cyperus trachysanthus*
Kailua 3/26/33

10554 *Boerhaavia*
Popoia Is. Kailua 3/26/33

10557 *Fimbristylis cymosa*
Kailua 3/26/33

10520 *Sida*
Mokapu Pen. Pyramid Rock.
Heena Flats, Helelou 3/25/33

10566 *Boerhaavia* -
same as above

10567 *Fimbristylis cymosa* -
same -

10571 *Cyperus trachysanthus*
Kailua 3/26/33

10576 *Sicyos*
same as 10560 above

10577 *Ipomoea* -
same

10578 *Jacquemontia sandwicensis*
same

10582 *Ipomoea indica* -

Popoia Is. Kailua 3/26/33

10585 *Ipomoea sandwicensis*
same

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Puu Kaala, Waianae Mts, ~~Waianae~~ ^{Waianae}08 *Phyllanthus sandwicensis* var. *oblongifolius*09 *Ageratum conyzoides*Continued from Book G² p. 145

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24 *Sargassum Palmeri* 12/10/31 Avalon, Santa Catalina Is. L.G. Co.

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27 *Prionitis* 12/8/31 Breakwater, San Pedro, L.G. Co.

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47 *Stephanomeria epigra* 12/10/31 Pebble Beach, Sta. Catalina Is. L.G. Co.

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49 *Artemisia californica* " Avalon, Pub. Utilitis Can. Sta. Catalina Is. L.G. Co.

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52 *Quercus Macdonaldii* 12/10/31 Pebble Beach, Can. U. St. " " "

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55 *Quercus Tomentella* 12/11/31 Gallagher's Can. St. Ft. " " "

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Artemisia californica 12/10/31 Pebble Beach Can. Sta. Catalina Is.

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59 *Photinia arbutifolia* 12/11/31 Gallagher's Beach " " "

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64 *Chara* 5/2/31 Middle Ranch Dam, Middle Ranch Can. " " "

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66 *Heliotropium curassavicum* 7/29/31 Mouth Cottonwood Can. " " "67 *Laratera assurgentiflora* 5/22/31 Bird Rock, Jethrus H. " " "

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CRB 11 *Salix hindsiana* var. *leucodendroides* L. G. Co. Castaic G. ^{below} Castaic

12

CRB 13 *Salix hindsiana* var. *leucodendroides* R. G. Co. Castaic G. ^{below} Castaic

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16 *Quercus dumosa* 3/2/32 Kern Co. Cuddy Can. Frazier Mt. Rd.

17

18 *Quercus dumosa* 3/3/32 Kern Co. Cuddy Can. Frazier Mt. Rd.

19

20 *Quercus wislizenii* 3/2/32

21

22 *Quercus wislizenii*CRB 23 *Salix hindsiana* var. *leucodendroides* Ventura Co. Matilija Can.CRB 24 *Salix hindsiana* var. *parishiana* " " "CRB 25 *Salix hindsiana* var. *leucodendroides* Ventura Co. Matilija Can.CRB 26 " " " " " " ^{about} 10 mi. ^{Pima}End of ^{5.9} Museum series.Beginning with date of 75
leaving L. A. Museum —
to beginning of Hawaiian collecting

Arizona

7427 *Ayenia* 4/1/32 5 mi. w. Sells, Pima Co.
28 *Zizyphus lycioides* 4/1/32 " s.e. Vail, " "

Mexico - Sonora 4/5/32

29 *Euphorbia albomarginata* 15 mi. n. Magdalena

30

31 *Euphorbia capitellata*
pedunculifera

32

33 *Euphorbia capitellata* 4/1/32 ^{Arizona} 5 mi. w. Sells, Pima Co.34 *Euphorbia pedunculifera* 3/3/32 Gunsight Pk. Pima Co.35 *Oxalis lanceolata* " " "36 *Erodium texanum* 4/7/32 5 mi. sw. Tucson, Pima Co.

37

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39 *Cowania stansburiana* 4/4/32 Nogales, Santa Cruz Co.

40

41 *Sisymbrium brachycarpum* ^{Sonora, Mexico} 4/4/32 15 mi. n. Magdalena

42

43 *Sisymbrium brachycarpum* 4/5/32 " " "

44

45 *Lepidium Thunbergii* 4/4/32 ^{Arizona} 25 mi. n. Nogales, Sta. Cruz Co.46 *Lesquerella purpurea* 4/3/32 Vail, Pima Co.47 *Streptanthus carinatus* " " "48 *Corydalis curvisiliqua* 4/7/32 8 mi. n.e. Sells, Pima Co.49 *Lesquerella blumeri* 4/1/32 Gunsight Pass50 *Caulanthus lasiophyllus* ^{var. utahensis} " " " "51 *Thysanocarpus laciniatus* 4/2/32 10 mi. n.e. Sells, ..52 *Sisymbrium pinnatum* 4/2/32 2 mi. e. " "53 *Lepidium lasiocarpum* ^{var. wislizenii} 3/31/32 5 mi. w. Ajo ..54 *Sisymbrium brachycarpum* " Gunsight Pass ..

- 7455 *Eschscholtzia mexicana* 4/1/32 ^{Arizona} e. slope Tumacacori Mts. Pima Co.
 56 *Eschscholtzia mexicana* 4/1/32 Gunsight Pass, Pima Co.
 57 *Eschscholtzia mexicana* 4/3/32 Vail, Pima Co.
 58 *Argemone platyceras* 4/2/32 5 mi. S.W. Tucson, Pima Co.
 59
 60 *Eschscholtzia mexicana* 4/5/32 ^{Sonora, Mexico} 15 mi. N. Magdalena
 61 *Anemone sphenophylla* 4/1/32 ^{Arizona} 5 mi. W. Wells, Pima Co.
 62 *Delphinium scaposum* 4/1/32 5 mi. W. Covered Wells, "
 63 *Delphinium scaposum* 4/2/32 10 mi. N.E. Wells, "
 64 *Anemone sphenophylla* 4/2/32 " " "
 65
 66 *Anemone sphenophylla* 4/3/32 8 mi. E. Vail, Pima Co.
 67
 68 *Loeflingia texana* 4/5/32 ^{Sonora, Mexico} 15 mi. N. Magdalena
 69 *Calyptridium monandrium* 4/4/32 ^{Arizona, Santa Cruz Co.} e. slope Tumacacori Mts.
 70 *Calyptridium monandrium* 4/5/32 ^{Sonora, Mex.} 15 mi. N. Magdalena
 71 *Mirabilis platensis* ^{Bigelovii} 4/2/32 ^{Arizona} 5 mi. W. Wells, Pima Co.
 72
 73 *Allionia incarnata* ^{v. villosa} 4/5/32 ^{Sonora, Mex.} 15 mi. N. Magdalena
 74 *Oligomeris linifolia* 4/2/32 5 mi. S.W. Tucson, Pima Co.
 75 *Gomphrena caespitosa* 4/6/32 e. slope Tumacacori Mts. ^{Sta. Cruz Co.}
 76 *Monolepis Nuttalliana* 4/5/32 ^{Mexico, Sonora} 15 mi. N. Magdalena
 77 *Monolepis Nuttalliana* 4/2/32 ^{Arizona} 5 mi. S.W. Tucson, Pima Co.
 78 *Eriogonum subreniforme* 4/8/32 Gunsight Peak, "
 79
 80 *Eriogonum trichospermum* 4/9/32 5 mi. E. Wallton, Yuma Co.
 81
 82 *Eriogonum deserticola* 4/9/32 ^{Imperial Co. California} 20 mi. E. Holtville
 83 *Eriogonum deserticola* 4/9/32 5 mi. N. Kane Lps.
 84
 85 *Chorizanthe rigida* 3/31/32 ^{Arizona} Wallton, Yuma Co.
 86 *Eriogonum Watsonii* " Mohawk, "
 87 *Eriogonum Thunbergii* 4/1/32 Gunsight Pass, Pima Co.
 88 *Eriogonum inflatum* 3/31/32 Mohawk, Yuma Co.

- 7489
 7490 *Eriogonum Thomasii* 4/1/32 ^{Arizona} Gunsight Pass, Pima Co.
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 94 *Linum rigidum* 4/3/32 Vail, Pima Co.
 95 *Lapium biloculare* 4/1/32 Gunsight Peak, Pima Co.
 96
 97 *Thamnosma purpurea* 4/3/32 8 mi. N. Vail, Pima Co.
 98 *Dodonaea viscosa* ^{v. angustifolia} 4/2/32 10 mi. N.E. " "
 99
 7500
 01 *Androsace occidentalis* 4/6/32 Tumacacori Mts. Sta. Cruz Co.
 02 *Astragalus arizonicus* 4/4/32 Nogales, "
 03 ~~*Lotus*~~
 04
 05 *Lotus mollis* 4/6/32 Tumacacori Mts. Sta. Cruz Co.
 06
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 08 *Lotus tripermus* 4/5/32 ^{Sonora, Mexico} 15 mi. N. Magdalena
 09 *Calliandra eriophylla* 4/6/32 ^{Arizona} Twin Butte, Sta. Cruz Co.
 10 *Lotus tripermus* 4/6/32 " " "
 11 *Astragalus playanus* 4/5/32 ^{Sonora, Mexico} 15 mi. N. Magdalena
 12 *Quercus dumosa* ^{var. macdonaldii} " ^{Calif. Sta. Barbara Co.} 1/2 way bet. Tucson & Santa Barbara
 13 *Quercus dumosa* ^{var. macdonaldii} " " "
 14 ~~*Cercocarpus betuloides*~~
 Santa Cruz Island, Santa Barbara Co. Calif.
 14 *Cercocarpus betuloides* 3/22/32 Prisoners Harbor
 15 *Quercus dumosa* " 1/2 way bet. Santa Cruz & Prisoners H.
 16 *Phacelia viscida* 3/20/32 Smugglers Cove
 17
 18 *Mirabilis californicus* 3/21/32 " "
 19 *Lisymbium pinnatum* 3/20/32 " "
 20

7521

- 22 *Gilia* 3/20/32 Hungry Man's gulch
 23 *Baeria chrysothoma* v. *gracilis* 3/20/32 " " "
 24 *Orthocarpus densiflorus* " " " "
 25
 26 *Lepidium nitidum* " " " "
 27 *Cogswellia utriculata* ^{(Green) Jones} " " "
 28 *Trifolium amplexans* v. *stenophyllum* " " "
 29 *Zygadenus Fremontii* 3/20/32 " " "
 30 *Lupinus bicolor* " " " "
 31 *Encelia californica* " " " "
 32 *Sanicula arguta* Greene " " " "
 33 *Mimulus parviflorus* " " " "
 34
 35 *Malacothrix Coulteri* 3/21/32 Smugglers Cove
 36 *Mentzelia ~~gracilenta~~ affinis* " " "
 37 *Lupinus succulentus* " " " "
 38 *Phacelia ~~distans~~ ramosissima* var. *subsinuata* " " "

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Santa Cruz Island, Santa Barbara Co.

- 7554 *Chenopodium californicum* 3/21/32 Prisoners Harbor
 55 *Platystemon californicus* " " "
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 58 *Quercus dumosa* var. *macdonaldii* 3/21/32 can. below ranch.
 59 *Ceanothus megacarpus* var. *insularis* 3/21/32 Hills below ranch
 60
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 62 *Pinus muricata* 3/6/32 Prisoners Harbor
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 67 *Pinus remorata* 3/6/32 Prisoners Harbor
 68 *Coreopsis gigantea* 3/6/32 " "
 69 *Ceanothus megacarpus* v. *insularis* " " "
 70 *Solanum Clokeyi* " " "
 71 *Dryopteris arguta* " " "
 72 *Adiantum* " " "
 73 *Quercus ~~distans~~ agrifolia* " " "
 74
 75 *Stellaria nitens* " " "
 76 *Quercus dumosa* " " "
 77 *Ceanothus arboreus* " " "
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 81 *Polypodium vulgare* var. " " "
 82
 83 *Dentaria integrifolia* v. *californica* " " "
 84 *Echinocystis macrocarpa* " " "
 85 *Saxifraga californica* " " "
 86 *Montia perfoliata* " " "

7572 a *Quercus dumosa* Prisoners Harbor 3/6/327588 a *Quercus agrifolia* Prisoners Harbor 3/21/32

- 7587 *Lepidium nitidum* 3/6/32 Prisoners Harbor
 88 *Arctostaphylos tomentosa* " " "
 89 *Arctostaphylos bicolor* " " "
 90 *Alchemilla cuneifolia* " " "
 91
 92
 93 *Lotus strigosus* " " "
 94 *Quercus tomentella* 2nd can. w. Prisoners H. 3/23/32
 95
 96 *Quercus tomentella* 2nd. Can w. Prisoners H.
 97
 98
 99 *Mimulus puniceus* 3/23/32 2nd can. w. Prisoners Harbor
 7600 *Stellaria nitens* " hills above " "
 01
 02
 03 *Lycorhannus floribundus* v. *asplenifolia* " 2nd can. w. " "
 04 *Cercocarpus betuloides* " " " " " "
 04 *Dendromecon rigida* v. *Harfordii* " " " " " "
 05
 06 *Mimulus* (*nasutus* acc. Pennell) " " " " " "
 07
 08
 09 *Melica imperfecta* 3/24/32 Smugglers Cove
 10 *Stipa pulchra* " " " "
 11 *Castilleja parviflora* v. *Douglasii* " " " "
 12 *Apiastrum angustifolium* " " " "
 13
 14
 15
 16
 17
 18 *Lotus strigosus* " " " "
 19 *Bowlesia incana*

- 7620 *Meconopsis heterophyllum* 3/21/32 Smugglers Cove.
 21
 22 *Echinocystis macrocarpa* 3/6/32 Prisoners Harbor
 23 *Pectocarya linearis* " " "
 24 *Lithophragma cymbalaria* " " "
 25 *Rhus integrifolia* " " "
 26 *Thysanocarpus laciniatus* " " "
 27 *Cercocarpus alnifolia* " " "
 28 *Quercus agrifolia* " " "
 29
 30 *Athyrium pusillus* " " "
 31 *Ellisia chrysanthemifolia* 3/21/32 Smugglers Cove
 32
 33 *Brodiaea capitata* " " "
 34 *Castilleja parviflora* v. *Douglasii* " " "
 35
 36
 37 *Mimulus guttatus* (*nasutus* acc. Pennell) 3/24/32 Can. 1 mi. e. Twin Harbors
 38 *Phacelia viscida* " " " w. Pelican Bay
 39 *Eschscholtzia californica* " " " " " "
 40 *Eschscholtzia californica* " " " " " "
 41 *Calandrinia Brewerii* " " " " " "
 42
 43 *Tillaea erecta* " Pelican Bay
 44 *Lotus subpinnatus* " " "
 45 *Mimulus* (*nasutus* acc. Pennell) " Can. above Twin Harbors
 46 *Layia platyglossa* " Hills e. " "
 47 *Lotus salsuginosus* " " "
 48 *Trifolium microcephalum* " Hills around " "
 49 *Pellaea mucronata* " Can. e. " "
 50 *Orthocarpus densiflorus* " Hills " " "
 51 *Trifolium tridentatum* " " " "
 52 *Linaria canadensis* var. *texana* " Hills e. " "
 53 *Poa scabrella* " " " " "

7653

54

~~*Linaria canadensis*~~

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56 *Calandrinia caulescens* v. *Menziesii* 3/25/32 Prisoners Harbor

57

Lupinus bicolor " " "

58

Ergasilva utriculata (Greene) Jones " " "

59

Scutellaria tuberosa " frutescens " "

60

61

62 *Pityrogramma triangularis* " " " " "

63

64 *Memphila aurita* " " " " "

65

Erigeron glauca " Bluffs " " "

66

Galium catalinense " " " " "

67

Memphila racemosa 3/26/32 " " "

68

Galium aparine 3/25/32 " " "

69

Cerastium viscosum 3/26/32 " " "

70

Cardionema ramosissimum " " " "

71

Mimulus longiflorus " " " "

72

~~*Oxalis*~~ *Wrightii* 3/25/32 " " "

73

Lupinus truncatus " " " "

74

Gilia " " " "

75

76

77 *Lotus scoparius* v. *dendroideus* " " " "

78

79

80

81

82 *Parietaria* 4/24/32 Bluffs w. Pelican Bay

83

Plantago Hookeriana v. *typica* " " e. Twin Harbor

84

85 *Eriophyllum staechadifolium* " " " "

86

Rhus ovata 3/23/32 Can. below ranch7687 *Quercus agrifolia* 3/23/32 Can. above Prisoners Harbor7688 *Quercus dumosa* 3/22/32 Prisoners Harbor7689 *Viola pedunculata* 3/22/32 Prisoners Harbor90 *Ranunculus californicus* " " "91 *Athyrium pusillus* " Hills near " "

92 " " " " "

93 *Orthocarpus densiflorus* " " " " "

94 " " " " "

95 " " " " "

96 " " " " "

97 *Venegasia carpesioides* 3/21/32 Can. s. Smugglers Cove98 *Castilleja parviflora* v. *Douglasii* " " w. " "7700 *Gilia* 3/21/32 Smugglers Cove01 *Malacothrix saxatilis* " " " "02 *Caulanthus lasiophyllus* " " " "03 *Convolvulus occidentalis* v. *macrostegia* " " " "04 *Atriplex californica* " " " "05 *Salix lasiolepis* " Can. s. " "06 *Sueda californica* " " " "07 *Salvia mellifera* " Can. s. " "08 *Lathyrus strictus* " " " "09 *Rhus diversiloba* " " " "10 *Astragalus Nuttallianus* 4/5/32 15 mi. n. Magdalena11 *Astragalus arizonicus* " " " "12 *Calliandra eriophylla* 4/12/32 5 mi. w. Tell. Pima Co.13 *Krameria canescens* " " " "14 *Vicia exigua* 4/1/32 " " " "15 *Astragalus Nuttallianus* " " " "16 *Lotus mollis* 4/12/32 Roadside Mine16a *Lupinus sparsiflorus* v. *arizonicus* 4/1/32 Covered Wells17 *Calliandra eriophylla* " " " "18 *Astragalus lentiginos* v. *arizonicus* " Junsight Pass19 *Dalea Parryi* " " Peak20 *Lupinus concinnus* " " Pass21 *Astragalus aridus* 3/31/32 10 mi. e. Holtville

- 7724 Dalea 4/7/32 Vail Pima Co.
 25 4/8/32 w. Drapping Pass, Mts. Sonora Valley " "
 26 Krameria canescens 4/9/32 Wellton, Yuma
 27
 28
 29 Dalea greggii Gray 4/3/32 foothills Baboquivari Mts. 10 mi. n.e. Wells, Pima Co.
 30 Astragalus Nuttallianus " " " " " "
 31
 32 Lupinus sparsiflorus v. arizonicus 4/5/32 Sonora, Mexico 15 mi. n. Magdalena
 33
 34
 35 Oenothera clavaeformis 4/7/32 Arizona 5 mi. n.e. Wells, Pima Co.
 36 Oenothera caespitosa v. marginata 4/6/32 Sta. Cruz Co. 2. st. Tumacacori Mts.
 37 Oenothera primiveris 4/3/32 10 mi. n.w. Vail, Pima Co.
 38 Oenothera leptocarpa 4/1/32 Gunsight Peak, " "
 39 Oenothera primiveris " 5 mi. w. Wells " "
 40 Oenothera clavaeformis " Gunsight Pass " "
 41 Oenothera albicaulis 4/3/32 foothills of Baboquivari Mts. " "
 42 Oenothera deltoidea v. cinerea 3/31/32 California 10 mi. e. Holtville, Imperial Co.
 43
 44
 45 Oenothera chamaenerioides 4/1/32 Arizona Gunsight Pass, Pima Co.
 46 Nama hispidum 3/31/32 Mohawk, Yuma Co.
 47 Nama hispidum 4/8/32 Sonora Valley Pima Co.
 48
 49
 50 Mentzelia multiflora 4/9/32 California, Imperial Co. Colorado River near Yuma, Ariz.
 51
 52 Mentzelia albicaulis 4/6/32 Arizona, Santa Cruz Co. e. slope Tumacacori Mts.
 53
 54
 55 Sphaeralcea laxa 4/7/32 5 mi. s.w. Tucson, Pima Co.
 56 Sphaeralcea laxa 4/4/32 Roadside Mine, Pima Co.
 57 Sphaeralcea ambigua 4/2/32 5 mi. w. Wells, " "

- 7758 Abutilon Newberryi 4/2/32 5 mi. w. Wells Pima Co.
 59 Abutilon crispum " " " " " "
 60 Sphaeralcea Coulteri 4/1/32 Gunsight Pass, " "
 61 Sphaeralcea laxa 4/4/32 near Colorado River, 3 mi. n. Vail, Pima Co.
 62 Sphaeralcea Coulteri 4/8/32 Sonora V. Pima Co.
 63 Sphaeralcea ambigua? 4/9/32 California, Imperial Co. w. of Colorado R. acc. from Yuma, Ariz.
 64
 65 Abutilon Newberryi 4/1/32 Arizona Gunsight Pass, Pima Co.
 66 Sphaeralcea ambigua " " " " " "
 67 Hibiscus denudatus " " Peak " "
 68 Larrea divaricata 3/31/32 California, Imperial Co. 10 mi. e. Holtville
 69 Fagonia californica 3/31/32 Arizona Mohawk, Yuma Co.
 70 Larrea divaricata 4/8/32 Gunsight Pass, Pima Co.
 71 Larrea divaricata " Sonora Valley " "
 72
 73 Phacelia distans Sonora, Mexico 4/5/32 15 mi. n. Magdalena
 74 Phacelia crenulata 4/7/32 Arizona 5 mi. s.w. Tucson, Pima Co.
 75
 76 Ellisia micrantha 4/1/32 Gunsight Pass, " "
 77 Ellisia micrantha 4/3/32 foothills Baboquivari Mts. 10 mi. n.e. Wells " "
 78 Phacelia distans 4/2/32 covered Wells " "
 79
 80 Gilia Schottii 3/31/32 California, Imperial Co. 10 mi. e. Holtville
 81 Gilia inconspicua 4/3/32 Arizona, foothills Baboquivari Mts. 10 mi. n.w. Wells, Pima Co.
 82 Gilia inconspicua 4/6/32 e. st. Tumacacori Mts. Sta. Cruz Co.
 83
 84 Gilia aurea 4/3/32 foothills of Baboquivari Mts. 12 mi. n.e. Wells, Pima Co.
 85 Gilia Thurberi 4/3/32 15 " " " "
 86 Gilia ~~intermedia~~ ^{eremica v. jagai} 4/3/32 " " " " " "
 87 Gilia ~~intermedia~~ ^{eremica v. jagai} 4/5/32 Sonora, Mexico 15 mi. n. Magdalena
 88
 89
 90 Evolvulus arizonicus " " " " " "

- 7791 *Philibertia linearis* ^{Loma} 4/5/32 15 mi. n. Magdalena
- 92
- 93
- 94 *Asclepias decumbens* ^{Arizona, Sta. Cruz Co.} 4/6/32 e. st. Tumacacori Mts.
- 95
- 96 *Janusia gracilis* 4/1/32 Gunsight Peak, Pima Co.
- 97 *Spermolepis echinatus* ^{Mexico} ^{Heller}
- 98 *Spermolepis echinatus*
- 99 *Daucus pusillus*
- 7800 *Borlesia incana* ^{Loma, Mexico} 4/5/32 15 mi. n. Magdalena
- 01 *Spermolepis echinatus*
- 02 *Daucus pusillus*
- 03 *Borlesia incana* ^{Arizona} 4/1/32 Gunsight Peak, Pima Co.
- 04 *Phacelia distans* ^{Loma, Mexico} 4/5/32 15 mi. n. Magdalena
- 05 *Ephedra trifurca* ^{Arizona} 4/3/32 Roadside Mine, Pima Co.
- 06 *Phoradendron californicum* ^{Arizona} 4/6/32 S. E. Vail
- 07 *Phoradendron californicum* ^{Loma, Mexico} 4/5/32 15 mi. n. Magdalena
- 08
- 09 *Quercus* ^{Ariz. Santa Cruz Co.} 4/4/32 hills near Nogales
- 10 *Quercus* " " " "
- 11 *Quercus* " " " "
- 12 *Quercus* ^{Ariz. Santa Cruz Co.} 4/6/32 S. slope Tumacacori Mts.
- 13 *Quercus* ^{Loma, Mexico} 4/5/32 Mexico, Loma, 30 mi. S. Nogales
- 14
- 15
- 16 *Populus Fremontii* ^{Arizona} 4/6/32 5 mi. S. Tucson, Pima Co.
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- 21
- 22 *Brodiaea pauciflora* 4/4/32 Nogales, Santa Cruz Co.
- 23
- 24 *Brodiaea pauciflora* 4/2/32 covered Wells, Pima Co.

- 7825 *Aristida adscansum* ^{Loma} 4/5/32 15 mi. n. Magdalena
- 26
- 27 *Muhlenbergia arizonica* " " " "
- 28 *Poa Bigelovii* ^{Arizona} 4/3/32 8 mi. n. Vail, Pima Co.
- 29 *Tridax pulchella* 3/31/32 Mohawk, Yuma
- 30 *Aristida Fendleriana* ^{California} 10 mi. e. Holtville
- 31 *Notholaena Hookeri* ^{Arizona} 4/3/32 10 mi. e. Wells, Pima Co.
- 32 *Pellaea mucronata* " " " "
- 33 *Cheilanthes* " 8 " n. Vail " "
- 34
- 35 *Cheilanthes Lindheimeri* 4/3/32 10 " n. e. Wells, " "
- 36
- 37
- 38 *Pectis longipes* ^{Loma, Mexico} 4/5/32 15 mi. n. Magdalena
- 39 *Malacothrix Fendleri* 4/5/32 " " " "
- 40
- 41 *Zinnia pumila* " " " "
- 42 *Pectis longipes* ^{Arizona, Santa Cruz Co.} 4/6/32 e. st. Tumacacori Mts.
- 43 *Dysodia prophyllodes* ^{Dripping Spr. Mts.} 4/8/32 Loma Valley, Pima Co.
- 44 *Hymenoclea salsola* " " " "
- 45 *Porophyllum gracile* " " " "
- 46
- 47 *Perezia nana* 4/7/32 15 mi. S. E. Vail, Pima Co.
- 48 *Zinnia pumila* 4/3/32 Roadside Mine " "
- 49 *Brickellia Coulteri* ^{Loma, Mexico} 4/5/32 15 mi. n. Magdalena
- 50
- 51
- 52 *Malacothrix californica* ^{Arizona} 4/3/32 10 mi. n. e. Wells, Pima Co.
- 53 *Eriophyllum* " " " "
- 54
- 55 *Filago arizonica* ^{Loma, Mexico} 4/5/32 15 mi. n. Magdalena
- 56
- 57 *Malacothrix glabrata* ^{Arizona} 4/4/32 5 mi. W. Wells, Pima Co.
- 58 *Trixis californica* 4/1/32 Gunsight Peak " "

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60 *Franeria ambrosioides* 4/2/32 5 mi. w. Wells, Pima Co.61 *Encelia farinosa* 4/1/32 Gunsight Peak62 *Bahia absinthifolia* var. *dealbata* 4/3/32 Roadside Mine

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64 *Trichoptilium incisum* 3/31/32 Mohawk, Yuma Co.65 *Perityle ca* 4/1/32 Gunsight Peak, Pima Co.66 *Eysodia Hartwegi* 4/7/32 Vail

67

68 *Senecio salignus* DC. 4/5/32 Sonora, Mexico
~~Senecio~~ 25 mi. s. Nogales69 *Franeria deltoidea* 4/3/32 5 mi. s.w. Tucson, Pima Co.70 *Zinnia pumila* 4/7/32

71

72 *Chaenactis Fremonti* 4/3/32 Sonoita V. Pima Co.73 *Franeria dumosa* 4/2/3274 *Haplopappus ^{spiculatus} ~~seebullii~~*75 *Encelia farinosa*76 *Baileya multiradiata*77 *Franeria deltoidea*78 *Hoffmeisteria plurisetata* 4/4/32 California, 7 mi. s. Imperial Co.
Colorado River acc. Yuma, Ariz.

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80 *Franeria deltoidea* 4/1/32 Arizona
Gunsight Pass, Pima Co.81 *Brickellia Coulteri* Peak,82 *Stylocline gnaphalodes* 4/3/32 Vail

83

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85 *Chaenactis attenuata* 3/31/32 Mohawk, Yuma Co.86 *Filago californica* 4/1/32 5 mi. w. Wells, Pima Co.87 *Franeria ambrosioides* 4/3/32 Sonoita Valley,88 *Rafinesquia neo-mexicana* 4/2/32 5 mi. w. Wells

89

90 *Plantago spinulosa* var. *oblonga* 4/5/32 Sonora, Mexico
15 mi. n. Magdalena

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92 *Plantago heterophylla*7893 *Plantago insularis* var. *fastigiata* 4/3/32 Sonoita V. Pima Co.94 *Plantago spinulosa* var. *oblonga* 4/2/32 Covered Wells95 *Plantago insularis* var. *fastigiata* 3/31/32 10 mi. e. Holtville
California, 9 mi. s. Imperial Co.96 *Nemacladus glandulifera* var. *orientalis* 4/4/32 2 mi. n. Vail, Pima Co.

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7900 *Carloughia arizonica* 4/8/32 Gunsight Pk. Pima Co.01 *Carloughia arizonica* 4/5/32 15 mi. n. Magdalena
Sonora, Mexico

02

03 *Anisacanthus Thunbergi* Arizona
4/2/32 10 mi. n.e. Wells, Pima Co.04 *Beloperone californica* 4/8/32 Sonoita Valley,05 *Penstemon ^{Parrisi} ~~pumilus~~* 4/1/32 Covered Wells06 *Penstemon ^{Parrisi} ~~pumilus~~* 4/6/32 c. st. Tumacacori, Ariz. Co.07 *Orthocarpus ^{n. Palmeri} purpurascens* 4/2/32 10 mi. n.e. Wells, Pima Co.08 *Castilleja lanata* 4/4/32 Nogales, Sta. Cruz09 *Penstemon ^{Parrisi} ~~pumilus~~* 4/1/32 Gunsight Pass, Pima Co.10 *Verbena ciliata* Covered Wells,11 *Verbena ciliata* 4/5/32 15 mi. n. Magdalena
Sonora, Mexico12 *Verbena ciliata* 4/6/32 c. st. Tumacacori, Ariz. Co.

13

14 *Salvia columbariae* 4/1/32 Covered Wells, Pima Co.15 *Salvia columbariae* 4/2/32 10 mi. n.e. Wells,16 *Hyptis Emoryi* 4/8/32 Sonoita Valley,17 *Hyptis Emoryi* 4/1/32 Gunsight Peak18 *Salvia columbariae* 4/8/32 Sonoita Valley,19 *Teucrium laciniatum* 4/5/32 15 mi. n. Magdalena
Sonora, Mexico20 *Lycium exsertum* Arizona21 *Lycium Parrishii* 4/3/32 Gunsight Peak, Pima Co.

22

23 *Lycium macrodon* 4/1/32 Covered Wells,24 *Physalis lobata* 4/2/32 5 mi. s.w. Tucson
Popei var. Sonora, Mexico25 *Phacelia arizonica* 4/5/32 15 mi. n. Magdalena

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35 *Calochortus Kennedyi* v. *Munzii* 4/6/32 Arizona, Sta. Cruz Co. e. of Tumacacori Mts.36 *Calochortus Kennedyi* 4/5/32 15 mi. n. Magdalena

37

38 *Calochortus Kennedyi* 4/7/32 Arizona Covered Wells, Pima Co.39 *Fouquieria splendens* 4/8/32 Queensight Peak, "40 *Calandrinia ambigua* 4/9/32 5 mi. e. Wellton, Yuma Co.41 *Oligomeris linifolia* " " " " "

42

43 *Astragalus Coulteri* California, San Bernardino Co. 4/2 Phillips Well, 15 mi. e. Old Woman S.44 *Abronia villosa* v. *anita* " " " " "45 *Hymenoclea salsola* 4/22/32 Old Woman Springs46 *Isomeris arborea* " " " " "47 *Lepidium Fremontii* " " " " "48 *Allionia incarnata* v. *nudata* 4/24/32 w. end Sheep Hole Mts.49 *Phoradendron californicum* " " " " "50 *Nicotiana tugonophylla* " " " " "51 *Ephedra californica* " " " " "52 *Senecio Douglasii* v. *modicus* " " " " "53 *Aulosperrum* *panamintense* (C. R.) var. *acutifolius* " " " " "54 *Philibertia hirtella* " " " " "55 *Eriogonum fasciculatum* v. *flavivirens* 4/25/32 " " " "

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58 *Stipa speciosa* 4/28/32 " " " "

59

60 *Mentzelia multiflora* " " " " "

San Bernardino Co.

7961 *Notholaena Parryi* 4/23/32 w. end Sheep Hole Mts.62 *Trichoptilium incisum* " " " " "63 *Galium stellatum* v. *erianthum* " " " " "64 *Trixis californica* " " " " "65 *Hofmeisteria pluriseta* " " " " "66 *Peucephyllum Schottii* " " " " "67 *Aristida adscensionis* " " " " "68 *Belbia juncea* " " " " "

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71 *Viguiera deltoidea* v. *Paishii* " " " " "72 *Salvia leucophylla* 4/17/32 Ventura Co. Pim G. 3 mi. above Pim

73

74 *Convolvulus occidentalis* v. *cyclostegia* " " " " "

75

76 *Mimulus longiflorus* " " " " "77 *Galium angustifolium* " " " " "78 *Orthocarpus purpurascens* v. *hollidus* " " " " "

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80 *Arabis glabra* Santa Barbara Co. 4/19/32 Montecito

81

82 *Scrophularia californica* v. *multiflora* " " " " "83 *Mimulus longiflorus* " " " " "84 *Rosa californica* 4/18/32 Ventura Co. Matilija Can. 1/285 *Mimulus longiflorus* " " " " "86 *Calochortus venustus* " " " " "87 *Eriodictyon Trichocalyx* " " " " "

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89 *Venegasia carpesioides* 4/19/32 Santa Barbara Co. Montecito

90

91 *Lupinus formosus* 4/18/32 Ventura Co. Matilija Can.92 *Astragalus trichopodus* " " " " "

93

94 *Ceanothus megacarpus* 4/19/32 Santa Barbara Co. Montecito

- 7995 *Ceanothus crassifolius* 4/13/32 Ventura Co.
 96 *Stachys californica* " " Matilija Can.
 97 *Quercus lobata* " " Santa Barbara Co.
 98 " " Carpinteria
 99 *Quercus agrifolia* " " Ventura Co.
 8000 " " Camp Comfort, Ojai V.
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 15 *Dalea californica* 4/24/32 San Bernardino Co.
 16 *Krameria canescens* " " w. end Sheep Hole Mts.
 17 *Phacelia distans* " " " " " "
 18 *Antirrhinum filipes* " " " " " "
 19 *Hymenoclea salsola* " " " " " "
 20 *Brandegeeia Bigelovii* " " " " " "
 21 *Hypoxis Emoryi* " " " " " "
 22 *Hypoxis Emoryi* " " " " " "
 23 *Larrea divaricata* " " " " " "
 24 *Sphaeralcea ambigua* v. *Kochii* " " " " " "
 25
 26 *Eriogonum uniforme* " " " " " "
 27 *Eriogonum inflatum* " " " " " "
 28 *Salvia columbariae* " " " " " "

- 8029 *Lepidium Fremontii* 4/24/32 San Bernardino Co.
 30 *Eriogonum fasciculatum* ^{2. fl. var.} " " " "
 31 *Triodia pulchella* 4/23/32 " " " "
 32 *Dithyrea californica* 4/22/32 Old Woman Springs
 33 *Sisymbrium brachycarpum* " " " "
 34 *Baccharis glutinosa* " " " "
 35
 36 *Chilopsis linearis* v. *arcuata*? " " " "
 37 *Coleogyne ramosissima* 4/23/32 Mojave Desert
 38 *Sphaeralcea ambigua* ^{subsp. rufescens?} " " " "
 39 *Eriogonum pusillum* " " " "
 40 *Mentzelia graulenta* v. *Veatchiana* " " " "
 41 *Oryzopsis hymenoides* " near Riches Well,
 42 *Chaenactis Fremontii* " 15 mi. n. Old Woman Spr.
 43 *Layia glandulosa* " " " " " "
 44 *Hilaria rigida* " " " " " "
 45
 46 *Aster tortifolius* " " " " " "
 47 *Chorizanthe brevicornu* " " " " " "
 48 *Plantago insularis* v. *fastigiata* 4/24/32 w. end Sheep Hole Mts.
 49 *Brickellia atractylodes* v. *arguta* 4/23/32 " " " "
 50 *Stipa speciosa* " 15 mi. e. Old Woman Spr.
 51
 52 *Mirabilis californica* v. *glutinosa* " " " " " "
 53 *Eurotia lanata* 4/24/32 Old Woman Spr.
 54 *Oenothera dentata* v. *Parishii* 4/23/32 15 mi. e. Old Woman Spr.
 55
 56 *Ellisia micrantha* 4/24/32 Old Woman Spr.
 57 *Eriogonum angulosum* " " " " " "
 58
 59 *Baileya multiradiata* 4/23/32 15 mi. e. Old Woman Spr.
 60 *Lupinus brevicaulis* " " " " " "

- 8061 *Collinsia bicolor* (heterophylla as Pammel) Los Angeles Co. 3/28/32 n. base San Pedro Hills
 62
 63 *Orthocarpus purpurascens* " El Segundo
 64
 65
 66 *Chorizanthe brevicornis* 3/13/32 Riverdale Co. Thousand Palms Co. Coachella!
 67 *Chorizanthe rigida* " " " "
 68 *Encelia farinosa* " " " "
 69 *Eriogonum Thomasii* " " " "
 70 *Eschscholtzia minutiflora* " " " "
 71 *Franseria dumosa* " " " "
 72 *Lupinus sparsiflorus* " " " "
 73 *Bouteloua aristidoides* " " " "
 74 *Plantago insularis* v. *fastigiata* " " " "
 75 *Dalea mollis* v. *mollissima* " " " "
 76 *Achyrocnichia Cooperi* " " " "
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 78
 79 *Scirpus Olneyi* " " " "
 80 *Washingtonia filifera* " " " "
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 84 *Antirrhinum filipes* " " " "
 85 *Abronia villosa* v. *aurita* " " " "
 86 *Baileya pauciradiata* " " " "
 87 *Atriplex hymenelytra* " " " "
 88 *Geraea canescens* " " " "
 89 *Phoradendron californicum* " " " "
 90 *Hymenoclea salsola* " " " "
 91 *Pluchea sericea* " " " "
 92 *Oenothera deltoidea* " " " "
 93 *Palafoxia linearis* " " " "

- 8094 *Oenothera decorticans* v. *desertorum* 3/13/32 Riverdale Co. Thousand Palms Co. Coachella
 95 *Monoptilon bellioides* " " " "
 96 *Oenothera clavaeformis* " " " "
 97 *Malvastrum rotundifolium* " " " "
 98 *Oenothera hirta* ^{exfoliata} " " " "
 99 *Ditaxis serrata* " " " "
 8100 *Festuca octoflora* " " " "
 01 *Phacelia crenulata* v. *ambigua* ? " " " "
 02 *Aristida adscensionis* " " " "
 03 *Quercus dumosa* Santa Catalina I. hills n. Avalon T.G. Co.
 04 *Eriophyllum confertiflorum* 5/5/32 Santa Catalina I. Los Angeles Co. hills n. Avalon
 05 *Mimulus puniceus* " " " "
 06 *Castilleja* " " " "
 07 ~~*Orthocarpus*~~ *purpurascens* ^{var. pallidus Reck.} " " " "
 08 *Delphinium Parryi* " " " "
 09 *Galium angustifolium* " " " "
 10 *Hemizonia clementina* " " " "
 11 *Lotus argophyllus* v. *ornithopus* " " " "
 12
 13
 14 *Penstemon cordifolius* 5/6/32 Can. above Villa Park, Avalon
 15 *Lotus scoparius* v. *dendroideus* " ridge " " " "
 16
 17 *Godetia epulobioides* 5/5/32 Can. " " " "
 18 *Encelia ~~farinosa~~ californica* " " " "
 19 *Crossosoma californica* 5/5/32 " " " "
 20 *Delphinium Parryi* " " " "
 21 *Mimulus puniceus* 5/6/32 " " " "
 22 *Crococarpus alnifolia* " " " "
 23 *Torilis nodosa* " " " "
 24
 25 *Torilis nodosa* " Big Wash Canyon " "
 26 *Oenothera arborea* " " " "
 27 *Dryopteris arguta* " " " "

8128 *Castilleja foliolosa* Santa Catalina I. Los Angeles Co.
5/6/32 Big Wash Can. Avalon

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30 *Delphinium parryi* " " " "

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33 *Scrophularia californica* ^{villosa v. catalina} " " " "

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36 *Lupinus excubitus* " Coach rd. above Hamilton Can.37 *Prunus Lyoni* 5/7/32 " "38 *Convolvulus occidentalis* ^{v. californicus} " " "39 *Astragalus leucopsis* " " "40 *Daucus pusillus* " " "

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42

43 *Festuca megalura* " ridge s. Grand Can.

44

45 *Mimulus cardinalis* " " "46 *Mimulus guttatus* " " "

47

48 *Ellisia chrysanthemifolia* " " "

49

50 *Rhus ovata* ? off. from mid. Mt. Baldy

51

52 *Rhus ovata* " " "53 *Quercus dumosa* var. *macdonaldii* 5/7/32 " "

54

55 *Godetia quadrivalvula* " Hay Press

56

57 *Helianthemum scoparium* ^{v. vulgare} " " "

58

59 *Cercocarpus betuloides* " Grand Can.60 *Rhus ovata* " " "61 *Quercus dumosa* " can. above Hay Press

Santa Catalina I.
Los Angeles Co.

8162

63 *Lotus hamatus* 5/7/32 summit of Coach Rd.64 *Quercus dumosa* " can. above Hay Press65 *Gilia hamata* " summit of Coach Rd.66 *Plantago* ^{Hordeniana} ^{v. caly} ^{Perris} " " " "67 *Calochortus catalinae* 5/6/32 hill n. Avalon68 *Solanum Wallacei* " Big Wash Can. "

69

70 *Oenothera claviformis* 4/24/32 San Bernardino Co. w. end Sheep Hole Mts.71 *Physalis crassifolia* " " " "72 *Palafoxia linearis* " " " "73 *Eschscholtzia minutiflora* ^{v. parryi} " " " "74 *Lupinus sparsiflorus* " " " "75 *Franseria dumosa* " " " "76 *Encelia farinosa* " " " "77 *Malacothrix californica* ^{var. glabrata} 4/23/32 15 mi. e. Old Woman Spr.78 *Caulanthus lasiophyllus* 4/24/32 " " "79 *Delphinium Parishii* 4/23/32 15 mi. e. " " "80 *Cassia armata* " " " "81 *Eschscholtzia minutiflora* " " " "82 *Hesperocallis undulata* 4/24/32 Twenty Nine Palms

83

84 *Lueda Moquini* 5/9/32 Riverside Co. Perris85 *Gilia* 5/19/32 Los Angeles Co. San Dimas Can.86 *Solanum Xanti* v. *intermedium* " " " "87 *Hemizonia fasciculata* 5/9/32 Riverside Co. Perris

88

89 *Haplopappus Palmeri* ^{sup. pachylepis} 5/11/32 San Bernardino Co. Mojave R. Victorville90 *Mirabilis californica* v. *aspera* " 12 mi. s. " "91 *Haplopappus Palmeri*, ^{sup. pachylepis} " " " "

92

93 *Atriplex polycarpa* " Rancho Verde, " "94 *Atriplex polycarpa* " " " "95 *Lotus leucophyllus* " Cajon Pass

8196

97 *Hydrocotyle ramunculoides* 5/21/32 San Bernardino Co.
Mojave R., Victorville

98

99 *Asclepias albicans* 4/23/32 w. end Sheep Hole Mts.8200 *Gilia matthewsii* 5/21/32 Victorville01 *Blasqueus* 5/21/32 "~~02 *Eurotia lanata* 5/21/32 w. end Ord Mts.~~

02

03 *Oryzopsis hymenoides* 5/22/32 Rancho Verde, Victorville04 *Brickellia atractylodes* ^{arguta} " w. end Ord Mts.05 *Eurotia lanata* " " " "06 *Lotus grandiflorus* ^{v. mutabilis} 5/24/32 Cajon Pass07 *Populus Fremontii* 5/21/32 Victorville08 *Populus Fremontii* " " "09 *Haplopappus Palmeri* ^{var. pachylepis} 5/22/32 w. end Ord Mts.10 *Eriogonum fasciculatum* ^{v. polifolium} " " " "

11

12

13 *Coreopsis Bigelovii* " " " "14 *Dryodia Cooperi* " " " "

15

16 *Coleogyne ramosissima* " " " "

17

18 *Ephedra nevadensis* " " " "19 *Ephedra viridis* " " " "20 *Salazaria mexicana* " " " "21 *Platystemon californicus* ^{v. grinitus} " " " "

22

23 *Acanthopappus sphaerocephalus* " " " "

24

25 *Stephanomeria Parryi* " " " "26 *Stillingia linearifolia* " " " "27 *Stanleya pinnata* " " " "28 *Caulanthus inflatus* " " " "8229 *Stephanomeria uncinata* ^{v. myriodonta} 5/22/32 San Bernardino Co.
w. base Ord Mts.30 *Allium fimbriatum* " " " "31 *Echeveria saxosa* " " " "32 *Aster tortifolius* " " " "

33

34 *Castilleja* ^{chromocera} ~~angustifolia~~ " " " "

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39 *Quercus dumosa* 6/3/32 San Bern. Co.
Head of Lone Pine can.40 *Quercus dumosa* " " " "

41

42 *Purshia glandulosa* 6/8/32 San Bernardino Co.
Head of Lone Pine C. San Gab. Mts.43 *Amelanchier alnifolia* " " " "

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48 *Populus Fremontii* 5/29/32 San Diego Co.
Cane Breaks can.49 *Anemopsis californica* " " " "

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62 *Quercus dumosa* 6/6/32 Near Julian, San Diego Co.

- 8263 *Quercus dumosa* 6/6/32 near Julian, San Diego Co.
 64 *Quercus dumosa* 6/5/32 San Diego Co. Cal.
 65 *Quercus dumosa*? 76 "The Rini" Montezuma V.
 66 *Quercus kelloggii* 6/6/32 near Julian, San Diego Co.
 67 *Quercus agrifolia* var. 6/5/32 Oak Grove
 68 *Lilene multinervia* 6/6/32 San Diego Co.
 69 *Calyptidium monandrum* 6/5/32 Buckman Spr.
 70
 71 *Eriogonum fasciculatum* 5/30/32 Mexico
 72 Tecate, Baja California
 73 *Eriogonum fasciculatum* v. *polifolium* 5/28/32 California, San Diego Co.
 74 *Eriogonum Thunbergii* 6/5/32 Mason Valley
 75 Oak Grove
 76
 77 *Chorizanthe fimbriata* v. *laciniata* 10 mi. n.w. Warner's Hot Sp.
 78
 79 *Chorizanthe fimbriata* v. *laciniata* 6/30/32 Mexico
 80 *Rumex acetosella* 6/5/32 Tecate, Baja Calif.
 81 Calif. San Diego Co.
 82 *Brodiaea capitata* 6/6/32 Julian
 83 *Calochortus splendens* "
 84 *Allium Parryi* "
 85 *Calochortus albus* "
 86 *Bloomeria* ~~*Bloomeria*~~ *crocea* "
 87 *Juncus bufonius* 6/5/32 10 mi. n.w. Warner's H.S.
 88 *Juncus sphaerocarpus* " Julian
 89 *Juncus sphaerocarpus* "
 90 *Juncus bufonius* "
 91 *Juncus sphaerocarpus* "
 92
 93 *Juncus xymeris* "
 94
 95 *Luzula campestris* "
 96 *Elaeochloa montana* 5/29/32 Cane Brakes Can.

San Diego Co.

- 8297 *Carex alma* 6/5/32 Julian
 98 *Sitanion jubatum* " 10 mi. n.w. Warner's Hot Sp.
 99
 8300 *Stipa lepidota* 6/6/32 Buckman Spr.
 01 *Aristida adscensissima* 5/29/32 Mexico, Baja Calif.
 02 *Sporobolus airoides* 5/28/32 Banded Agate Mt.
 03 *Poa* 6/6/32 Calif. San Diego Co.
 04 *Potamogeton foliosus* 5/29/32 Vallecito
 05 *Cheilanthes Clevelandii* 6/6/32 Julian
 06 *Pinus Torreyana* 6/7/32 Cane Brakes Can.
 07
 08 *Prosopis chilensis* 5/29/32 bet. Campo + Potrero
 09 *Prosopis chilensis* "
 10 *Olneya tesota* Mexico, Baja Calif.
 11 Banded Agate Mt.
 12 *Trifolium involueratum* 6/5/32 California, San Diego Co.
 13 *Prosopis pubescens* 5/29/32 10 mi. n.w. Warner's H.S.
 14 *Krameria canescens* " " "
 15
 16 *Acacia Greggii* 5/28/32 Cane Brakes Can.
 17 *Dalea Emoryi* 5/29/32 Vallecito
 17a *Cassia armata* Mexico, Baja Calif.
 18 *Lotus scoparius* 5/30/32 Banded Agate Mt.
 19 Calif. San Diego Co.
 20 *Lotus argophyllus* 6/6/32 Cane Brakes Can.
 21 *Lathyrus splendens* " Julian
 22
 23 *Adenostoma fasciculatum* 6/5/32 Oak Grove
 24 *Adenostoma fasciculatum* 5/30/32 Mexico, Baja Calif.
 25 *Cercocarpus* 6/5/32 Vallecito
 26 *Prunus Fremontii* Calif. San Diego Co.
 27 *Potentilla norvegica* v. *hirsuta* Montezuma Valley
 28 Julian
 29

- 8330 *Nasturtium officinale* ^{var. *pedunculatum* M. & A. - Pacific M. & A.} ^{San Diego Co.} 6/5/32 10 mi. n.w. Warner H.S.
- 31 *Nasturtium* (same) 5/28/32 Vallecito
- 32
- 33 *Barbarea orthoceras* 6/5/32 Julian
- 34 *Lepidium virginicum* ^{var. *pubescens*}
- 35 *Lisymbium altissimum* .. Oak Grove
- 36
- 37
- 38 *Romneya Coulteri* v. *trichocalyx* 4/6/32 Tecate
- 39 *Paeonia Brownii* 4/5/32 Oak Grove
- 40
- 41 *Berula erecta* 5/29/32 Canebrakes Can.
- 42 *Larrea divaricata*
- 43
- 44 *Euphorbia polycarpa* ^{det. var. *typica* v. *hirtella*}
- 45 *Stillingia linearifolia* ^{Mexico, Baja Calif.} 5/30/32 Tecate
- 46 *Helianthemum scoparium* ^{v. *aldersonii*}
- 47
- 48 *Petalonyx Thunbergii* 5/29/32 Banded Agate Mt. ^{Calif. San Diego Co.}
- 49 *Atriplex hymenelytra* .. Agua Caliente
- 50 *Cogswellia dasycarpa* (7.9.) Jeps
- 51
- 52
- 53 *Euphorbia polycarpa* ^{var. *vestita*} 4/5/32 Montezuma V.
- 54 *Euphorbia* ^{*albomarginata*}
- 55 *Croton californicus* .. Oak Grove
- 56 *Croton californicus* ^{Mexico, Baja Calif.} 5/29/32 Banded Agate Mt.
- 57 *Simmondsia californica* 5/30/32 Valle Redondo
- 58 *Rhus laurina*
- 59
- 60 *Ceanothus divaricatus* .. Tecate
- 61 *Ceanothus perplexans* ^{Calif. San Diego Co.} 4/5/32 Montezuma Valley
- 62 *Ceanothus cuneatus* .. Oak Grove
- 63 *Rhamnus californica* v. *toментella* 4/6/32 Julian

- 8364 *Rhamnus crocea* 5/30/32 ^{Baja California} Valle Redondo
- 65
- 66 *Sphaeralcea ambigua* 4/5/32 ^{California San Diego Co.} Oak Grove
- 67
- 68 *Malvastrum densiflorum* ^{v. *occidentale*} ^{Mexico, Baja Calif.} 5/30/32 Valle Redondo
- 69
- 70 *Sidalcea malvaeflora* ^{Calif. San Diego Co.} 4/5/32 Julian
- 71 *Godetia quadriflora*
- 72 *Oenothera bistorta* v. *Verticillata* .. Oak Grove
- 73 *Godetia quadriflora* .. Julian
- 74 *Oenothera micrantha* ^{v. *occidentalis*} 4/6/32 Pine Valley
- 75 *Oenothera micrantha* v. *Jonesii* .. Buckman Spr.
- 76 *Deweyia arguta*
- 77 *Aspiastrum angustifolium*
- 78 *Cogswellia dasycarpa* (7.9.) Jeps .. Julian
- 79 *Lanicula bipinnatifida* Dougl.
- 80 *Lanicula tuberosa* Torr.
- 81 *Ephedra californica* ^{Mexico, Baja Calif.} 5/30/32 Valle Redondo
- 82 *Gastroidium ventricosum*
- 83 *Eleocharis palustris*
- 84
- 85 *Juncus canaliculatus*
- 86 *Juncus balticus*
- 87 *Calochortus Weidii*
- 88 *Chlorogalum parviflorum*
- 89 *Apocynum cannabinum* ^{Calif. San Diego Co.} 5/28/32 Vallecito
- 90 *Nicotiana Bigelovii* 4/5/32 Oak Grove
- 91 *Nicotiana attenuata* 4/6/32 Buckman Spr.
- 92
- 93
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- 95
- 96 *Trichostema lanatum* ^{v. *denudatum*} ^{Mexico, Baja Calif.} 5/30/32 Tecate
- 97 *Salvia apiana*

- 8398 *Monardella lanceolata* 4/6/32 San Diego Co. Carrizo V.
 99 *Trichostema lanatum* v. *denudatum* " Pine Valley
 8400 *Eriodictyon trichocalyx* v. *lanatum* " Bel. Campos + Potrero
 01 *Eriodictyon trichocalyx* v. *lanatum* " Campos Valley
 02 *Eriodictyon Parryi* " Pine Valley
 03
 04 *Emmenanthe penduliflora* " Buckman Spr.
 05 *Eriodictyon Parryi* 4/5/32 10 mi. n.w. Warner's H.S.
 06 *Eriodictyon crassifolium* " Lastule " "
 07
 08 *Eriodictyon trichocalyx* " Upper San Felipe.
 09 *Phacelia distans* " Oak Grove
 10 *Phacelia brachyloba* 4/6/32 Buckman Spr.
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 14
 15 *Gilia lutea* " Pine Valley
 16 *Cuscuta* - 5/29/32 Cane Brakes C.
 17
 18
 19 *Eustoma silenifolium* 5/28/32 Vallecito
 19a *Asclepias subulata* 5/29/32 Carrizo
 20 *Fraseria Parryi* 6/5/32 Oak Grove
 21 *Nemacladus longiflorus* 6/6/32 Buckman Spr.
 22 *Nemacladus ramosissimus* v. *pinnatifidus* " " "
 x 23 *Galium angustifolium* 5/30/32 Mexico, Baja Calif. Tecate
 x 24 *Galium angustifolium* " " " "
 x 25 *Galium angustifolium* 6/5/32 California, San Diego Co. 10 mi. n.w. Warner's H.S.
 x 26 *Galium angustifolium* 6/5/32 Oak Grove
 27 *Cucurbita palmata* 5/29/32 Cane Brakes C.
 x 28 *Galium Andrewsii* 6/5/32 10 mi. n.w. Warner's H.S.
 29 *Chilopsis linearis* v. *arcuata* 5/29/32 Cane Brakes C.
 30 *Mimulus floribundus* 5/28/32 10 mi. n.w. Warner's H.S.

- (*maritimus* var. *penell*) San Diego Co.
 8431 *Mimulus guttatus* 5/28/32 10 mi. n.w. Warner's H.S.
 32 *Mimulus brevipes* " " "
 33 *Mimulus aridus* 6/6/32 Pine Valley
 34 *Mimulus brevipes* 6/5/32 10 mi. n.w. Warner's H.S.
 35 *Mimulus brevipes* 6/6/32 Buckman Spr.
 36 *Mimulus guttatus* 6/5/32 Bel. Warner's H.S. + Henshaw R.
 37 *Mimulus Clevelandii* 6/6/32 Pine Valley
 38 *Mimulus brevipes* 5/30/32 Mexico, Baja Calif. Tecate
 39 *Mimulus aridus* " " "
 40 *Mimulus guttatus* 6/5/32 California, San Diego Co. 5 mi. n.w. Warner's H.S.
 41 *Mimulus Fremontii* 6/6/32 Buckman Spr.
 42 *Mimetanthe pilosa* 5/28/32 10 mi. n.w. Warner's H.S.
 43 *Penstemon centranthifolius* 4/5/32 " " "
 44 *Penstemon centranthifolius* " " "
 45 *Penstemon centranthifolius* " Oak Grove
 46 *Penstemon centranthifolius* 6/28/32 10 mi. n.w. Warner's H.S.
 47 *Penstemon antirrhinoides* 6/5/32 " " "
 48 *Penstemon antirrhinoides* 5/30/32 Mexico, Baja Calif. Tecate
 49 *Penstemon spectabilis* 6/5/32 California, San Diego Co. 10 mi. n.w. Warner's H.S.
 50 *Penstemon spectabilis* 5/28/32 " " "
 51 *Penstemon spectabilis* 5/30/32 Mexico, Baja Calif. Tecate
 52 *Penstemon heterophyllus* 6/6/32 California, San Diego Co. Julian
 53 *Penstemon ternatus* " Pine Valley
 54 *Antirrhinum Nuttallianum* " Bel. Campos + Potrero
 55 *Collinsia concolor* " Julian
 56 *Collinsia concolor* 5/28/32 10 mi. n.w. Warner's H.S.
 57 *Antirrhinum Coulterianum* v. *oreanthium* 5/30/32 Mexico, Baja Calif. Tecate
 58 *Antirrhinum Coulterianum* 6/5/32 California, San Diego Co. 10 mi. n.w. Warner's H.S.
 59 *Scrophularia multiflora* 5/30/32 Mexico, Baja Calif. Tecate
 60 *Scrophularia multiflora* 6/6/32 California, San Diego Co. Pine Valley
 61 *Cordylanthus rigidus* 5/30/32 Mexico, Baja Calif. Tecate
 62 *Castilleja pinetorum* 6/6/32 California, San Diego Co. Campos Valley
 63 *Castilleja stenantha* 6/5/32 Julian
 64 *Chaenactis glabriuscula* " 10 mi. n.w. Warner's H.S.

- 8465 *Chaenactis glabrescens* 5/30/32 Baja Calif. Tecate
 66 *Eriophyllum confertiflorum* 4/5/32 California, San Diego 10 mi. n.w. Warner H.S.
 67 *Eriophyllum confertiflorum* 5/30/32 Mexico, Baja Calif. Tecate
 68
 69 *Chaenactis artemisiifolia* 6/6/32 California, San Diego Co. Buckman Spr.
 70
 71 *Dryasodia prophyllodes* 5/30/32 Mountain Spr. grade
 72 *Encelia frutescens* v. *Astonii* 6/5/32 Montezuma V.
 73 *Encelia frutescens* v. *Astonii* " 10 mi. n.w. Warner H.S.
 74 *Wyethia ovata* 6/6/32 Julian
 75 *Geraea viscida* bet. Camps + Potrero Mexico, Baja Calif.
 76 *Viguiera laciniata* 5/30/32 Valle Redondo California, San Diego Co.
 77 *Viguiera laciniata* 6/6/32 Barrett Mexico, Baja Calif.
 78 *Helianthus gracilentus* 5/30/32 Tecate California, San Diego Co.
 79 *Pentachaeta aurea* 6/6/32 Julian
 80 *Pluchea sericea* 5/29/32 Cane Brakes C.
 81 *Pluchea sericea* 5/29/32 Vallecito
 82 *Micropus californicus* 6/6/32 Julian
 83 *Filago californica* " Buckman Spr.
 84 *Graphalium palustre* 6/5/32 Julian
 85 *Senecio Douglasii* 5/29/32 Cane Brakes C.
 86 *Malacothrix Clevelandii* 6/6/32 Buckman Spr.
 87 *Achillea millefolium* " Julian
 88 *Chrysanthemum leucanthemum* 6/5/32 "
 89
 90 *Hemizonia tenella* Mexico, Baja Calif. 5/29/32 Tecate
 91 *Hemizonia tenella* 5/30/32 Valle Redondo
 92 *Hemizonia fasciculata* " " "
 93 *Hemizonia paniculata* " " "
 94 *Iva Hayesiana* " " "
 95 *Cirsium californicum* California, San Diego 6/5/32 10 mi. n.w. Warner H.S.
 96 *Cirsium Drummondii* " " " " "
 97

- 8498 *Pseudotsuga macrocarpa* 6/18/32 Los Angeles Co. San Antonio C.
 99 *Pellaea mucronata* 6/19/32 San Bernardino Co. Baldwin Lake
 8500 *Ephedra viridis* " " "
 01
 02
 03
 04 *Carex alba* Los Angeles Co. 6/18/32 Camp Baldy
 05 *Poa longiligula* San Bernardino Co. 6/19/32 Baldwin Lake
 06 *Ruellia cristata* Los Angeles Co. 6/18/32 Camp Baldy
 07 *Melica stricta* San Bernardino Co. 6/19/32 Baldwin Lake
 08 *Bromus subvelutinus* " " "
 09 *Bromus grandis* Los Angeles Co. 6/18/32 San Antonio C.
 10 *Litanion hystrix* San Bernardino Co. 6/18/32 Baldwin Lake
 11 *Litanion jubatum* " " "
 12 *Elymus glaucus* Los Angeles Co. 6/18/32 Camp Baldy
 13 *Stipa coronata* " " "
 14 *Oryzopsis hymenoides* San Bernardino Co. 6/19/32 Baldwin Lake
 15 *Allium bicepstrum* " Johnston grade
 16 *Prunus emarginatus* " Head of Deep Creek
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 20 *Eriogonum gracillimum* 6/14/32 Lucerne Valley
 21
 22 *Eriogonum angulosum* v. *maculatum* " " "
 23
 24 *Eriogonum vidularium* 6/15/32 Ord mts.
 25 *Chorizanthe perfoliata* 6/14/32 Apple Valley
 26 *Eriogonum inflatum* " " "
 27 *Quercus dumosa* 6/18/32 Los Angeles Co. San Antonio Can.
 28
 29 *Aquilegia truncata* Los Angeles 6/18/32 Camp Baldy
 30 *Oenothera lasiantha* " " San Antonio C.
 31 *Eschscholtzia glyptosperma* San Bernardino Co. 6/15/32 S.E. Ord Mts.

- 8537 *Lepidium virginicum* ^{v. pubescens} 6/13/32 San Antonio C.
 38 *Umbellularia californica* ^{Los Angeles Co.} 6/13/32
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 45 *Astragalus macrodon* v. *parishii* ^{San Bernardino Co.} 6/19/32 Bear Valley
 46 *Krameria parvifolia* 6/14/32 s. Ord Mt.
 47
 48 *Gayophytum laiospermum* 6/19/32 Baldwin Lake
 49
 50 *Fremontia californica* .. Johnston grade
 51 *Fremontia californica* .. Baldwin Lake
 52
 53
 54 *Arctostaphylos glauca* ^{Los Angeles Co.} 6/18/32 Camp Baldy
 55 *Angelica tomentosa* Torr.
 56 *Heracleum lanatum* Michx.
 57 *Dioscoreophytum parishii* C. & R.
 58 *Galium gabrielense* ^{G. angustifolium approaching}
 59 *Mimulus guttatus*
 60 *Larodes sanguinea* ^{San Bernardino Co.} 6/19/32 Bear Valley
 61
 62 *Gilia punctata* 6/14/32 s. Ord Mt.
 63 *Gilia* .. Lucerne Valley
 64
 65 *Phlox* 6/19/32 Baldwin Lake
 66
 67 *Gilia* 6/19/32 Bear Valley
 68
 69 *Menodora spinescens* 6/14/32 s. Ord Mt.
 70 *Phacelia californica* 6/19/32 Baldwin Lake

- 8572 *Orobancha fasciculata* 6/19/32 Johnston grade
 73 *Castilleja cinerea* .. Baldwin Lake
 74 *Galium aparine* .. Camp Baldy, San Antonio C. & R. Co.
 75 *Plantago Purshii* v. *typica*
 76
 77 *Chaenactis macrantha* 6/19/32 Lucerne V.
 78 *Chaenactis glabrinacula* 6/19/32 Baldwin L.
 78a *Eriophyllum confertifolium*
 79
 80 *Erigeron concinnus* v. *condensatus*
 81 *Erigeron divergens*
 82 *Iva axillaris*
 83 *Cirsium californicum* .. Los Angeles Co. 6/13/32 Camp Baldy
 84 *Nemacladus rigidus* v. *rubescens* .. San Bernardino Co. 6/19/32 Lucerne V.
 85 *Lonicera subspicata* Johnston 6/5/32 10 mi. n.w. Upland, Los Angeles Co.
 86 *Juncus rugulosus* 7/17/32 San Antonio C.
 87 *Solanum Xantii* .. Santa Barbara Co. 7/10/32 Montecito
 88 *Psoralea macrostachya* .. Santa Barbara
 89 *Equisetum arvense*
 90
 91
 92
 93 *Condalia Paragii* .. San Bernardino Co. 7/12/32 Mission Creek
 94 *Quercus dumosa*
 95 *Galium angustifolium* near v. *pinetorum*
 96 with some hesitation
 97
 98 *Castilleja linearisaeifolia*
 99 *Deweya arguta* T. & G.
 8600 *Chilopsis linearis* v. *arcuata*
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- by Shuff
Mills with
2. Hawaiian
see 8958

8605

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20 *Droedophytum vestitum* ^{(Wats.) C. & R.}

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26 *Podistena nevadensis* (Gray) Wats.

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36 *Droedophytum Parishii* C. & R.

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B&PNC667