

F. R. Fosberg

RECORD

BE
75

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>U.S. and Mexico</u> | 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 - 7481 |
| California | pp. 78-82 * 7521 - 770 |
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| Arizona-Mexico-California | pp. 84 |
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| California | pp. 91-99 * 7961 - 82 |
| California-Mexico | pp. 100-102 * 8263 - 82 |
| Mexico-California | pp. 103-106 * 8364 - 84 |

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No. 3

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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
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U.S. and Mexico pp. 61 # 10594 - 10709
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Arizona pp. 75 # 7427
Arizona-Mexico-California pp. 76-77 - 7488
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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 *turbidella*
- 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

~~106~~
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 *Claphoglossum reticulatum*

62

63 *Phyllostegia grandiflora*

64

65

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

67 *Drybantia laxa* var. *pseudoplantaginacea*

68 *Gouldia terminalis* v. *typica* f. *eutypica*

69

70 *Gouldia terminalis* var. *conica*

71

72

73 *Gouldia terminalis* var. *conica*

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
- dit. Sheff 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 *Kedyotis centranthoides*, v. *laevis*, f. *glomerata*
- 11 *Dubautia laxa* var. *obovata* f. *glabrescens*
- 12 *Gouldia terminalis* var. *coriacea*
- 13 *Lobelia Gaudichaudii*
- dit. Sheff 14 *Labordia fagraeoides* var. *confertasheff*
- 15 *Rollandia St-Johnii*
- 16
- 17

South ridge of South ^{Pelemann 9/25/32} ~~Paalaa~~ Gulch
 Roalan Mts., Paalaa

- 18 *Hymenophyllum obtusum*
- 19
- 20
- 21

- 8722
- 27 *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
- 2. 2. 1.



ensis
typica f. *elliptica*
anum
meial

vioides
ica f. *eutypica*

urothyrsa
um
Macraeana
urothyrsa

- 49
- 50
- 51 *Gahnia*
- 52
- 53
- 54 *Wachne distichophylla*
- 55



5 E

69-4

2

DA-3



6 2

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

- dit. Herff 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 centranthoides*, v. *laevis*, f. *glomerata*
- 11 *Dubautia laxa* var. *obovata* f. *glabrescens*
- 12 *Gouldia terminalis* var. *coriacea*
- 13 *Lobelia gaudichaudii*
- d. Herff 14 *Labordia fragraeidea* var. *confertadherff*
- 15 *Rollandia St-Johnii*
- 16
- 17

Helemano 4/23/32
 South ridge of South Paalaa Gulch
 Roelan 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. Herff
- 29
- 30 *Gleichenia glauca*
- 31
- 32 *Cuphea carthaginensis*
- 33 *Gouldia terminalis* v. *typica* f. *elliptica*
- 34 *Santalum Freycinetianum*
- 35 *Stephelia 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 *Lindsaya 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*
58

Waikane - Schofield Trail, Koolau Mts.
8/16/32

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 *Nedyotis centranthoides*, 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 formosiana*

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

8900

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*

8319

20

21

22 *Phyllanthus nirous* var. *roseo-pictus*

23 *Salvia splendens*

24 *Zebraea 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 ^{Helemano} ~~Opuntia~~ Gulch, 9/20/02
Koolau Mts. Paalaa

46

47

Alyssa olivaeformis

48

Guldia terminalis, v. *typica* f. *autotypica*

49

8350 *Pittosporum*

Kaimuki, Honolulu

51 *Euphorbia geniculata*

52

53

54 *Oxalis corniculata*

55 *Plantago major*

56 *Verbena litoralis*

57

Manoa Valley, Honolulu

58 *Rubus rosaeifolius*

59 ^{asaring} *Mausandya erubescens*

60

61 *Adiantum ~~capillare-veneris~~ canescens*

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

- 37 *Styphelia tameiameia*
- 38 *Styphelia tameiameia*
- 39 *Osteomeles anthyllidifolia*
- Upper Manoa Valley
- 40 *Maurandya erubescens*
- 41
- 42
- 43
- Kawaihapai
- 44 *Agave sisalana*
- Kahalaun
- 45 *Morinda citrifolia*
- Kipapa Gulch, Koolau Mts. Waipio
- 46
- Panua Flats via. 10/30/32
- 47 *Cladium angustifolium*
- 48
- 49 *Perrottetia sandwicensis*
- 50
- 51
- 52
- 53 *Coprosma longifolia*
- 54
- 55 *Hedyotis centranchoides*, v. *laevis*, f. *glomerata*
- 57
- 58 *Dubautia plantaginea*
- 59 *Gouldia terminalis* var. *coriacea*
- 60 *Dodonaea viscosa*

56 *Peperomia ellipticoides*



- 3961 *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. *autotypica*
- 70
- 71 *Hedyotis sandwicensis*
- 72 *Phyllostegia grandiflora* apparently unicate habit at Field M. Type
- 73 *Pittosporum sulcatum* var. *rumicifolium*
- 74 *Peperomia latifolia*
- 75 *Jussiaea suffruticosa* L. v. *ligustrifolia*
- 76
- 77
- 78 *Clermontia*
- 79 *Scaevola*
- 80 *Hedyotis acuminata* f. *koolauensis*
- 81 *Croton lachryma-jobi*
- Prun Kana, Waianae Mts. 11/6/32
- Honouliuli
- 82 *Gouldia terminalis*, var. *keala* 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
 Sheriff cites Fosberg 8598 from Panua (B.M.B. 155:87) as *Dubautia plantaginea* var. *chamissonis* - in *prostrata* a transcription of 8958.

8992 *Koehleria 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 *Dubautia plantaginifera* var. *chemisensis* det. K. Schaff.

08

09

10

11 *Asplenium Macraei*

12 *Asplenium horridum*

13

14

15

16 *Drymaria cordata*

17

18 *Asplenium*

19 *insiticum*

20

Puu Oloana, Kailua 11/13/32

21 *Triumfetta Bartramia*

22 *Abutilon*

23 *Microlepia strigosa* var. *hirta*

9024 *Mephrolepis exaltata*

25

26

27 *Dryopteris parasitica*

28 *Peperomia leptostachya*

29 *Peperomia leptostachya*

30 *Peperomia reflexa* var. *elongata*

l. China. l. 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. 25cm.

Library of Congress
DT55.F328
101
916.2

1. Egypt—Deser. & trav. l. Title.
40-1342

Fedden, Henry Romilly, 1908—
The land of Egypt, by Robin Fedden (H. Romilly Fedden) Illustrated from photographs by A. Costa and others. London, B. T. Batsford, Ltd. 1939.
viii, 120 p. col. front., plates. 23cm.
Maps on lining-papers.
"First published, April 1939."
"Author's note" (bibliographical): p. vii.

HISTORY AND DESCRIPTION (except American)

50

51

52

Koehleria Remyana

2/32

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.

Library of Congress DC137.15.C5 40-1344
[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

10273

un. Eupat. riparium Berg

9956

un. Senecio sylvaticus L.

9830, 10900, 10514, 9226

10776,

un. Xanthium saccharatum
Wallr.

V07 66

Heterocentron

macrostachya Kunth
det Gleason

56

Frag. vesca L. albicaulis
Britt.

8994, 9309, 9025, 8993

9295 9644

un. Plectanthes australis

8992 *Koehleria 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 *Durbania plantaginea* var. *chemissonis* det. K. Hoff.

08

09

10

11 *Asplenium Maeraci*

12 *Asplenium horridum*

13

14

15

16 *Drymaria cordata*

17

18 *Asplenium*

19 *insiticum*

20

Puu Olomana, Kailua 11/13/32

21 *Triumfetta Bartramia*

22 *Abutilon*

23 *Microlepia strigosa* var. *hita*

9024 *Mephrolepis 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*

Puu 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 *Osmanthus sandwicensis*

47

48 *Charpentiera*

49 *Dodonaea viscosa*

50

51 *Koehleria Remyana*

52

- 54 *Lectaria gaudichaudii*
- 55 *Nototrachelium 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. *planiuscula*
- 72
- 73 Mt. Kaala, Haleanau vic. Waianae
- 74 Mts. Waianae 1/8/33
- 75
- 76 *Alsindendron trinerve*
- 77 *Phyllostegia grandiflora*
- 78 *Diospyros ferrea* var. *sandwicensis* f. *sandwicensis*
- 79
- 80 *Dryopteris glabra*
- 81 *Perrottetia sandwicensis*
- 82
- 83 *Asplenium contiguum*

9075a Coprosma ochracea v. kaala

- 90-84 *Nedytis Schlechtendahlana*, *exp. cordata*, v. *nitens* / *kaalaensis*
- 85 *Eragrostis grandis*
- 86
- 87 *Phyllostegia glabra* var. *macraei*
- 88 *Marattia Douglasii*
- 89 *Euphorbia hillebrandii* f. *palikiana*
- 90
- ~~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*
- 91 00 *Gouldia terminalis*, var. *macrothyrsa*
- 01
- 02
- 03
- 04
- 05 *Smilax sandwicensis*
- 06 *Coprosma Faurii* v. *oahuensis*
- 07 *Coprosma Faurii* 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 sandwicense* M.-G. var. *magnifolium* ^{Sheff}
- 19 *Claoxylon sandwicense* var. *magnifolium* f. *glaberrimum*
- 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 sandwicensis*
- 34 *Heteropogon contortus*
- 35 *Erythrina sandwicensis*
- 36 *Fimbristylis* ^{cymosa var.} *pyrenoccephala*
- 37 *Lythrum maritimum*
- 38 *Lipochaeta integrifolia*
- 39 *Boerhaavia diffusa*
- 40 *Psilotum nudum*
- 41 *Eragrostis variabilis*

~~42~~ Lanikai, Kailua

42

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46 *Leveilla jungermannioides* (Martens & Hering) Kaw.

47 *Lawrenia nidifica* L. Ag.

9148

Waikiki, Honolulu

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Spyridia spinella Sonder.

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Pupukea-Kahuku Trail 2/14/33

9180

81 Euphorbia clusiaefolia

82 Smilax sandwicensis

83 Pteralytia macrocarpa

84 Pittosporum

85 Ochrosia sandwicensis

86

87

88 Ulyfia olivaeformis

89 Blacocarpus bifidus

90

91

92 Xylocarpus hawaiiense

93 Comanthus sandwicensis

94

95 Pelea

96 Chyllostegia glabra var. Macraei

97 Phyllostegia grandiflora

98

99

9200

01

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05 Gouldia terminalis, v. typica f. eutypica

06 Pelea

07 Acacia koa

08 Santalum freycinetianum

09 Scaevola

10

11 ~~Koala~~ Kothalsella complanata

9212 Kothalsella platycaula complanata

13 Rauwolfia sandwicensis

14

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16

17 Gouldia terminalis v. typica f. eutypica

18 Lindsaya macraeana

19

20 Cyrtandra propinqua

21

22

23 Pelea Wawraeana

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

Waianai Kai Valley, Waianai Mts.

37 Cibotium Chamissoi

3/12/33

38

39

- 9240 *Cordyline terminalis*
 41 *Athyrium Arnottii*
 42 *Asplenium horridum*
 43
 44
 45 *Ptilotum 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 *Setaria gaudichaudii*
 62 *Chenopodium sandwichicum*
 63
 64
 65 *Stachys arvensis*
 66 *Malvastrum coromandelianum*
 67 *Sida*
 68 *Peperomia leptostachya*
 69

Manoa-Paloalo 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 *Osteomeles anthyllifolia*
 03 *Pittosporum*
 04 *Sida*
 05

9306

Waianae Kar Valley, Waianae Mts.

07

08 *Eragrostis grandis*

09

10 *Peperomia reflexa*

11

12

Honolulu

13

Kalanas Ridge, Koolau Mts. 3/29/36

14 *Gomphocarpus physiocarpus*

15 *Sida*

16 *Asteomeles anthyllidifolia*

17

18

19 *Scaevola*

20 *Pteridium aquilinum*

21 *Rynchospora*

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 45
det. 9315)

9334

35

36

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40 *Psilotum nudum*

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45 *Scaevola mollis*

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49 *Phyllostegia glabra* var. *Macraei*

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51

52 *Ophioglossum pendulum*

53

54 *Lindsaea Macraeana*

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58 *Hymenophyllum obtusum*

59

60 *Scaevola*

61 *Smilax sandwicensis*

62 *Smilax sandwicensis*

63

64

65 *Asmenthus sandwicensis*

66

67

Honolulu

4/1/33

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

69

70 *Holmskioldia sanguinea*

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76 *Adiantum trapeziforme*

77 *Macadamia ternifolia*

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80 *Adiantum cuneatum*

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84 *Pilea volubilis*

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87

88 *Asparagus Sprengeri*

89 *Grevillea robusta*

90

91 *Cinnam asiaticum*

92

Lae-Malakahana Ridge, Koolau Mts. Laie-Waiwae 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 ~~.....~~

9388a *Pilea humilis*

9399 *Korthalsella complanata*

9400 *Phyllostegia grandiflora*

01 *Jussiaea suffruticosa* var. *ligustrifolia*

02 *Labordia*

03

04

05 *Cheirodendron gaudichaudii*

06

07

08 *Pelea*

09 *Gouldia terminalis* var. *coriacea*

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13 *Gouldia terminalis* v. *typica* f. *eutypica*

14 *Phyllostegia hirsuta*

15

16 *Pittosporum glabrum*

17 *Dubautia laxa* var. *bryanii*

18 *Asplenium sphenotomum*

19

20 *Scaevola mollis*

21

22 *Platydema 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*

3

9433

34 *Zanthoxylum oahuense*

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39 *Pittosporum*

40 *Dracaena aurea*

Kalaunas Ridge, Koolau Mts. 4/30/1933

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43

44 *Asplenium acuminatum*

45

46 *Dryopteris glabra* var. *striata* ^{Herb. ined.} det. T. Herab

47

48

49 *Elaeocarpus bifidus*

50 *Epocarpus*

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 Chloekobakiana* *spiciflora*, var. *nitens*, f. *nitens*

62

63

64 *Gouldia terminalis* var. *coriacea*

53a *Zanthoxylum*

9465 *Euphorbia eluricaefolia*

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 + Kualalei.

75 *Gnaphalium purpureum*

76 *Sida*

77 *Salvia coccinea*

78 *Pteridium aquilinum*

79

80

81 *Euphorbia celastroides* var. *amplectens*

82

83 *Xylocoma hawaiiense* ??

84 *Charenteria*

85 *Agrostis retrofracta*

86 *Oplismenus hirtellus* (L.) Beauv.

87 *Lemnathus sandwicensis*

88

89

90 *Koeleria complanata*

91

92 *Sida*

93 *Canavalia galeata*

94 *Dodonaea viscosa*

95 *Pennisetum setosum*

- 9496 *Shiodes*
 - 97 *Diospyros fereca* var. *sandwicensis* f. *sandwicensis*
 - 98 *Selaginella Menziesii*
 - 99 *Cystopteris Douglasii*
 - 9500 *Microlepia strigosa* var. *hirta*
 - 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. *concolor*

- 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 Yoengianus*
 - 44
 - 45
 - 46 *Gouldia terminalis* var. *Waurana*
 - 47 *Korthalsella ~~glabra~~ ^{platycaula} ~~platycaula~~ ^{planicaulis}*
 - 48 *Josinvilla Gaudichaudiana* P.
 - 49
 - 50 *Peperomia oahuensis*
 - 51 *Labordia cyrtandrae* det. Kierff
 - 52
 - 53
 - 54 *Adenostemma ~~glabra~~ ^{Lavenia}*
 - 55
 - 56 *Pittosporum*
 - 57 *Korthalsella complanata*
 - 58

9559

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S.H.K.S.

64

Eleocharis obtusa (Willd) Schult. var. *enotata* Hed.

65

Rynchospora lararium det. Hosaka

66

Cyperus

67

Psychotria hexandra var. *hosakana* f. *hosakana*

Wailau Valley, n. coast East Molokai

9600 Cibotium Chamisso Kaulf. VII/3/33

01

02

- 03 Jussiaea suffruticosa var. ligustrifolia

04 Dryopteris kerandriana

05 Digitaria pruriens

- 06 Lythrum maritimum

9606 Hedysotis acuminata f. wailauensis

07 Dryopteris stegnoagrammoides

08 Cladium meyeri

09 Hedysotis 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 lysiosepala

22

23

24 Dioscorea alata

25 Gouldia terminalis var. ovata f. wailauensis

26 Peperomia latifolia

27 Piper methyaticum

28

29

30 Peperomia alternifolia

31 Gouldia terminalis var. ovata f. stoneyi

32 Oplismenus hirtellus (L.) Beauv.

Det. H. K. S. 9637a Eleocharis obtusa (Willd.) Schultze var. eritae K. S. det.

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 D. Don

44

45 Fimbristylis

46 Cyperus

47 Gnaphalium purpureum

48

49 Centella asiatica

50 Schiedea

51 Scaevola frutescens

52 Morinda citrifolia

53 Euphorbia celastroides var. balawana?

54 Hedysotis acuminata f. wailauensis

55

56 Osteomeles anthyllifolia

57

58 Diospyros ferrea var. sandwicensis f. wailauensis

59 Chepentina

60 ~~Copa~~ Palotum nudum

61 Cassia Gaudichaudii

62

63

64 Bramia monnieri

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66

9667

63 *Hymenocallis littoralis*

69

70 *Plantago major*

71

72 *Lycimachia spathulata*

73

74

75

76 *Ischaemum byrone*

77 *Cyperus javanicus* Kuntz.

78 *Cyperus hawaiiensis*

79 *Carex wahuensis*

~~Manoa Cliff Trail, Koolau Mts.~~

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81

Manoa Cliff Trail, Koolau Mts.

72 *Clermontia*

83

84 *Caevola Gaudichaudiana*

75

76 *Coprosma foliosa*

87

88

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

90

91 *Pittosporum*

92 *Hedyotis Gilchristi* (Dahlgren) S. Wats. 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*

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Palolo-Wai'alae Mui Ridge 8/3/33

04

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06

07 *Sida*

08 *Osteomeles anthyllidifolia*

09 *Peperomia leptostachya*

10

11 *Acacia koa*

12

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16 *Asplenium nidus*

17 *Bracaena aurea* var. *forbesii*

18 *Microlepia strigosa* (Thunb.) C. Presl det. J.D. Palmer Aug. 1936

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

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29 *Labordia hedyosmifolia* var. *Hosakana* Herff

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31

32 *Scaevola mollis*

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34 *Lanicula purpurea*

35

36

37 *Viola oahuensis*

38 *Labordia molokaiana* var. *phyllocalyx* det. Herff

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43 *Cheiodendron*

44 *Cheiodendron*

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49 *Astelia veratrifolia*

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51 *Scaevola Skottsbergii*

52

53 *Scaevola*

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9759 *Psychotria hexandra* var. *Hosakana* f. *Hosakana* (TYPE)

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61

62 *Guldia terminalis* var. *Wawana*

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

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72 *Pittosporum glabrum*

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76 *Guldia terminalis* var. *Wawana*

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81 *Isachne fallens*

82

83 *Pittosporum glabrum*

84 *Tetraspandra*

85 *Cladium megenii*

86

87 *Pittosporum spatulatum*

88 *Cyperus*

89

90 *Carex wahuensis*

91

92 *Schizoa robusta* Baker det. Palmer sp. nov.

9793

94

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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

9823a *Eichhornia crassipes*

21 *Rynchospora thyrsoides* det. Haskin

22 *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. Meill

34 *Scirpus maritimus* L.

Haiuku-Uka Trail, from Kailili toward Waikamoi gulch, n.w. shoulder of Haleakala, Makawao Dist. Aug. 18, 1933

35 *Rubus rosaeifolius*

36 *Gouldia Hillebrandii* var. *typica* f. *eutypica*

37

38

39 *Paspalum dilatatum*

40

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44 *Elaphoglossum hirtum*

45 *Vaccinium calycinum* f. *calycinum*

46 *Gouldia Hillebrandii* var. *typica* f. *eutypica*

47

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9851

52

53 *Eleocharis obtusa* (Willd.) Schultze, var. *enotata* Hbd.

54 *Scheuchzeria*

55 *Rubus hawaiiensis*

56

57

58

59 det

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61

62 *Koeleria complanata*

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64 B,

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70 *Gouldia Hillebrandii* var. *typica* f. *entypica*

71 *Scaevola Chamissoniana*

72

73 *Rubus*

74 *Gouldia Hillebrandii* var. *typica* f. *entypica*

75

76

77 *Rubus hawaiiensis*

78 *Lappula communis*

79

80 *Cyrtandra cordifolia* var. *gynogabra*

81

82

83 *Perrottetia sandwicensis*

84

9885 *Prunella vulgaris*

86 *Perrottetia sandwicensis*

87

88 *Scaevola*

89 *Gouldia terminalis* var. *cordata* f. *cordata*

91 *Vaccinium calycinum* f. *calycinum*

92 *Scaevola*

93

94 *Gouldia Hillebrandii* var. *typica* f. *entypica*

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

Paia, Makawao Dist. Aug. 23, 1933

9919

Rest House, Rim of Haleakala Crater,
Aug. 21, 1933

9920

10000 *Cypripedium erodesoides* var. *mauiensis* 8/21/33
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. Mahuku & ~~Paia~~
8/23/33

9913 *Scandolobium* 8/20/33

9953 *Hypochaeris radicata* same, 8/20/33
Maui Rim of Haleakala Crater bet.
rest house and summit
8/22/33 1/33

4911 *Lepidium* (same as 9910)

9910 *Coleus Blumei*

Hana Road near Hana
8/20/33 Maui

9903 *Gouldia terminalis* 1/33

9902 *Scandolobium* var. *cordata* x var. *ovata* (same as 9902)
9905 *Scandolobium* 9915 *Scandolobium*
Hana Rd. bet. Keamalahou +
Maui 8/20/33

9963 *Pellaea ternifolia* + 9962 *Asplenium Adiantum*
same as 9955

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

9917 *Ischaemum Byroni* Trin
Pauwahi 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. Mahiku &
Kaehaku 8/20/33

~~9913 *Scavola* Chem~~

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

4911 *Lepidium* (same as 9410)

9910 *Coleus Blumei*

Hana Road near Hana
8/20/33 Maui

9903 *Gouldia terminalis*

var. *cordata* x var. *ovata* (same as 9902)

9902 *Scavola* 9905 *Scavola* 9913 *Scavola*
Chemisomans

Hana Rd. bet. Keana Valley &
Mahiku 8/21/33

9963 *Pellaea ternifolia* & 9962 *Asplen. Adiantum*
same as 9953 *negoni*

9955 *Trisetum glomeratum*

Rest House ruin of Hale. Crat. 8/21/33

9917 *Ischaemum Byrone* Trin
Pamoa Point, near Keanae.

8/20/33

9960 *Asplenium Trichomanes*
same as 9955 above

9925, 9926 9927

Fraxinum multiflorum
var. *canum*

Haleakala Crater, floor
near Bubble cave.

3/2 = 15

9934 *Chenopodium vulvaria* (same as above)

9940 *Silene acaulis*

Haleakala Crater, floor

7/2 = 175

9924 *Stropholobos*

Haleakala Crater, floor

11/75

9978 *Plantago lanceolata*
Haleakala Crater, floor,

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

10000 *Cyprosoma ernodesoides* var. *mauiensis* 8/23/33
Haleakala Crater, Halemau 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 Halemau Trail at end of
road at Pua Nihoa

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

9971 *Santalum* (" " ")

9918 *Fimbristylis cymosa*
Pauwahu Pt. near ~~Pua~~ Keanae, 8/20/33

9997 *Fabrua*
Haleakala, Halemau Tr. 8/23/33

9921 - *Lepidochloa hastata*
Haleakala Rd, w. slope 8/23/33

9957 *Deschampsia nubigena*

9958 *Luzula cadupectris* 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 *Stemogyne crenata* var. *muricata*
Slopes of Haleakala bet. top of
Halemau Trail and end of road
at Puu Mianian.

8/23/33

9931 *Stemogyne 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 *Gabnia* (same)
9991 *Sporobolus elongatus* - Same as 9999

~~10001~~ ⁹⁹²³ *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. Halemann Tr. 8/23/33

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

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

8/23/33
9938 *Pellaea ternifolia*
Chuk. 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 Mahikea
8/20/33

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

Asplenium Trichomanes

9987 Haleakala Crater, Halemauun Trail
8/23/33

Dodonaea viscosa

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

9970 *Dodonaea*

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

Miunaian 8/23/33

9977 *Casosma montana* var. *crossii*
same data etc. as 9970

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

9985 *Vaccinium berberidifolium*

Haleakala Crater, Halemauun 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, Cr. bet. top of Halemauun Tr.

↑ Puna Miunaian 8/23/33

- 10159 *Erigeron* *vestitus*
var. *variosus*
- 10171 *Anthospermum*
abundans - *Kohala Mts.*
- 10192 *Graphalium purpureum*
Tr. N. Waimea to upper
Hamakua Ditch
Tr.
- 10174 *Ceanothus 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.
- ~~1056~~ *Ceanothus sandwicensis*
~~Papakea - Hakuku Trail~~
- 10134 *Ceanothus sandwicensis*
Kipuka Puanani (Bird Park) Kilauaea
- 10442 *Styphelia tameiameia*, Puna Oo Trail.
above Olua Flume, Hilo Dist
(Awehi Str. above Hilo)
- 10160 *Styphelia tameiameia*, Vol. Rd. not far below
Museum, Kilauaea
- 9966 *Styphelia Douglasii*, Slopes of Haleakala, bet
Top of Halemanu Tr. & end of rd. at Puna
nianaian
- 9954 *Styphelia Douglasii*, Rim Haleakala Crater,
bet. Rest House & Summit
- ~~10228~~ *Thespesia populnea*
- 9963 *Pellaea 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 ~~leaf~~

Bot. Makaopuhi & Nepean Craters.

House of Craters, Kilauea 8/27/33

icense

8/27, 1933

~~10014 Lobelia glauca - maritima~~

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

~~8/24/33~~

aclan

24, 1933

typew

17 ~~18~~ ~~19~~ ~~20~~ ~~21~~ ~~22~~ ~~23~~ ~~24~~ ~~25~~ ~~26~~ ~~27~~ ~~28~~ ~~29~~ ~~30~~ ~~31~~ ~~32~~ ~~33~~ ~~34~~ ~~35~~ ~~36~~ ~~37~~ ~~38~~ ~~39~~ ~~40~~ ~~41~~ ~~42~~ ~~43~~ ~~44~~ ~~45~~ ~~46~~ ~~47~~ ~~48~~ ~~49~~ ~~50~~ ~~51~~ ~~52~~ ~~53~~ ~~54~~ ~~55~~ ~~56~~ ~~57~~ ~~58~~ ~~59~~ ~~60~~ ~~61~~ ~~62~~ ~~63~~ ~~64~~ ~~65~~ ~~66~~ ~~67~~ ~~68~~ ~~69~~ ~~70~~ ~~71~~ ~~72~~ ~~73~~ ~~74~~ ~~75~~ ~~76~~ ~~77~~ ~~78~~ ~~79~~ ~~80~~ ~~81~~ ~~82~~ ~~83~~ ~~84~~ ~~85~~ ~~86~~ ~~87~~ ~~88~~ ~~89~~ ~~90~~ ~~91~~ ~~92~~ ~~93~~ ~~94~~ ~~95~~ ~~96~~ ~~97~~ ~~98~~ ~~99~~ ~~100~~

17

19

20 Clermont

10013 *Sep*

Bet Makaopulu & Napan Craters.

Aunoo Craters, Kilauea 8/29/33

~~10014 *Lobelia gloria-montis*~~

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

~~8/24/33~~

- 10002 *Argyroxiphium sandwicense*
~~9917~~ *Papa, Makalapa Dist. Aug. 23, 1933*

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 glauca-montis*

15

16 *Plantago*

- 17 *Argyroxiphium grayanum*

18

19

20 *Clematis*

10021

22 Coprosma ochracea v. typica

23

24

25

26 Carex aff. sandwicensis

27 Coprosma ochracea v. typica

28 Astelia forbesii var. fallax

29 Plantago

30 Selaginella deflexa

31 Vaccinium pahalae

32 Clermontia

33

34

35

36 Coprosma ochracea v. typica

37 Deschampsia (Aira) nubigena

38 Lagerflora

39 Carex montis-ecba

40 Carex sandwicensis

41

42

43 Gouldia terminalis var. cordata f. encordata

44 Labordia hedyosmifolia var. centrali 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

10033 a Geranium humile, var. mainense
10030 (Berkeley 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

→
65
66

Puna

Aug. 27, 1933

Heterocentron macroslachya Naud.

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82

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10074

85

86 *Caetilloa elastica*

Chain of Craters trail, Kilauea
Aug. 29, 1933

87 Pelea

88 *Astelia menziesii* Sm.

89

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

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*

17 *Vaccinium reticulatum*

13

14 *Carex*

- 10115 *Dubautia ciliolata*

16

17

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

10154 *Rouyopteria decora*

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

10157 *Coprosma ermodioides*

10/11/33

10213 }
1015 10223 } *Gouldia terminalis* v. *purpurea*
10224 }

1020 10232 } Upper Hanaleiua Ditch Trail
head of Alakahi Fork Waipio Valley ta

102 10233 } *Coprosma ochracea* v. *Rockii*
Sept. 3, 1933
same data as above

10263 }
10245 } *G. terminalis* v. *purpurea*
Trail from Waimea to Upper Hanaleiua

1015 10246 } *Asplenium contiguum*
Ditch Sept. 3, 1933
same - ?

1016 10188 }
10191 } *G. terminalis* v. *antiqua* f. *kekena*

102 10192 }
10195 } Kekena Ditch Trail near Kekena
Sept. 2, 1933 Kohala Mts. Hawaii

1015 10208 } *Breiza minor*
Upper Han 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

- 10213 }
 10223 } *Gouldia terminalis* v. *purpurea*
 10224 }
 10232 } Upper Hamakua Ditch Trail
 head of Alakahi Fork Waipio Valley
 10233 } *Coprosma ochracea* v. *Rothii* Sept. 3, 1933
 same data as above
 10263 }
 10245 } *G. terminalis* v. *purpurea* -
 Trail from Waimea to Upper Hamakua
 Ditch Sept. 3, 1933
 10246 *Asplenium contiguum*
 same - ↑
 10188 }
 10191 } *G. terminalis* v. *antiqua* / *kehana*
 10192 }
 10195 } *Kehena Ditch Trail* near *Kehena*
 Sept. 2, 1933 *Kohala Mts., Hawaii*
 10208 *Briza minor* -
 Upper Ham Ditch Tr. IX/3/33
 10202 *Sporobolus elongatus* 9/2/33
 Waimea, Kohala Mts.
 10176 *Korthalsella complanata*
 Waimea - 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

10214 *Veronica serpyllifolia*

(10220 *Hedyotis cuneifolia* v. *cuneifolia*, f. *Kohala*)

Upper Hamakua Ditch Trail, Head
of Alakahu Fork of Waipi'o 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 *Dryopteris desora*
Vol. Rd. near Naalehu 8/31/33

10157 *Cyperus eriodesoides*
Van Dyke St. Jc 8/31/33
Vol. Rd. wet Jan below Maus. Kilauea

10150 *C. eriodesoides* var. *typicus*
Same as 10157

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

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.
Honauau, 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. 7/31/33

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

10206 *Polygonum*

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

10249 *Polygonum*

Waiimea, 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.) Schultze,
var. *enotata* HBK. det. H.K.S.

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

10205^a *Athyrium poiretianum*

Same as no 10206 above

10204 *Athyrium Arnottii*

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

10132 *Myoporum sandwicense*
Kipukas Puuulu (Bird Park) Kilauea
8/30/33

10139 *Nototrichum sandwicense*
Kona Rd. bet lava flows of 1861 & 1907
S. Kona. 8/31/33

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

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

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

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

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

10167
Kona - Kohala Rd. near 1855 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*
Keheua Rutch Trail near Keheua,
Kohala Mts. 9/2/33

10209 *Eleocharis obliqua* v. *enotata*
Trail from Waimea to upper Hamakua
Rutch Kohala Mts. 9/3/33

10227 10229. *Ilex*
Upper Hamakua Rutch Trail - Head of
Ulukahi Lock of Waipio Valley, Kohala Mts.
9/3/33

10253 10254
Upper Hamakua Rutch 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. *konaensis*

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*, v. *centranthoides* f. *centranthoides*

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

10 *Hedyotis centranthoides*, v. *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 semidecandra* (DC.) Cogn.

22

23

Kipuka Puauku

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 *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

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

- 99 *Santalum freycinetianum* var.
- 10300
- 01

[Faint handwritten notes and sketches, possibly including a small diagram of a plant part.]

10310 a Barro... B.S.P. ...

- a
- ssa
- sa
- lycinum
- a
- u
- missionis

Hauula, above Cooper Ranch, Koolau Mts.

- 23 *Cyanea angustifolia*
- 24
- 25
- 26 *Scaevola gaudichaudiana*
- 27
- 28 *Scaevola mollis*
- 29 *Pittoa pomum*
- 30 *Phyllostegia glabra* var. *Atkinsonii*

10263 a } *Lectaria lutescens* (Weig.) Scl.

10263 b } *Racciolipsis contracta*

Volcano Rd. 9 mi. above Hilo

9/6/33

10273 *Pigularia kaewapferi*
S. & Z.

(get data from Mat. 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

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

- 99 *Santalum freycinetianum* var.

10300

01

- 10302 *Jouvillia gaudichaudiana*
- 03
- 04 *Gouldia terminalis* var. *macrothyrsa*
- 05
- 06 *Gouldia terminalis* var. *macrothyrsa*
- 07
- 08 *Vaccinium dentatum* x *calycinum*
- 09 *Gouldia terminalis* var. *macrothyrsa*
- 10
- 11 *Adenostemma lavenia*
- 12
- 13 *Zanthoxylum semiarticulatum*
- 14 *Scaevola*
- 15
- 16 *Scaevola gaudichaudiana* f. *leucocarpa*
- 17 *Dubautia plantaginea* var. *chamissonis*
- 18
- 19 *Platydesma*
- 20
- 21

10310 a *Begonia baldwinii* Nutt.

Hauula, above Cropper Ranch, Koolau Mts.

- 23 *Cyanea angustifolia*
- 24
- 25
- 26 *Scaevola gaudichaudiana*
- 27
- 28 *Scaevola mollis*
- 29 *Pittonium*
- 30 *Phyllostegia glabra* var. *Atkinsonii*

10331 Scaevola

32

33 Ilex

34

35

36

37

38 Dubautia laxa var. pseudoplantaginea

39

40

41

42

43

44

45 Labordia

46 Trichomanes davallioides

47 Cyrtandra propinqua

48

49

50

51

52 Fragaria

53

54 Pittosporum

55

56

57 Pittosporum

Bel. N. ko Head & Molokai, Maunaloa 10/20/33

58 Gossypium tomentosum

Waimanalo Bay, Waimanalo

10/22/33

59 Nama sandwicensis

10346 a Trichomanes cyrtolocha

60 Vitex trifolia var. simplicifolia

Prun Kaala, Waianae Mts. ^{Waianae} ~~Waianae~~

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 (Syn. Lab.)

70 Coprosma ochracea var. kaala

71

72

73 Vaccinium calycinum f. Meyenianum

74

75 Dubautia laxa var. hirsuta

76 Vaccinium calycinum f. Meyenianum

77 Stenogyne kaala

78 Gouldia terminalis var. microphylla

79 Hedyotis Schlechtendahnii, var. cordata, var. secundiflora f. ^{glaberrima}

80 Scaevola gaudichaudiana f. leucocarpa

81

82

10367 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 Lep

98

99 Lep

10400

01

02 Joinvillea gaudichaudiana

03 Scaevola

04

05 Scaevola

06 Scaevola mollis

07 Scaevola

08

09

10 Centella asiatica

11 Cyrtandra longifolia Kld. var. degenerans

12

13 Buddleia asiatica

14

15 Aphismenus hirtellus

16

17

18

10478 Hydrocotyle verticillata Thunb.

Awehi 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 Lep - same as (10429)

12/10/33

10282 Rhododendron

Hilo 9/6/33

10425 Coprosma erodeoides v. brevis

Same as 10429 above.

10450 Rubus hawaiiensis -

Same as 10429 above

10436 Pelea (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 chemisoniana v. bracteosa

Olaa flume 12/10/33

10426 Scaevola chemisoniana v. bracteosa

Olaa flume Hilo Dist. 12/10/33

f. englabra

39

40

41

P 42

43

44

10438 *Hydrocotyle*
verticillata Thunb.

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

10429 *Vaccinium reticulatum*

Puu Oo Trail, above Oloa Flume, Hilo Dist.
10456 Det. - same as (10429) 12/10/33

10282 *Rhododendron*

Hilo 9/6/33

10428 *Coprosma erodeoides* v. *travincula*
Same as 10429 above.

10450 *Rubus hawaiiensis* -

Same as 10429 above

10436 *Pilea* (same as below)

10423 *Diabautia acabra*

Puu Oo Trail above Oloa Fl.

12/10/33

10444 *Astelia menziesii*

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

10422 *Scaevola Chamissoniana* v. *bracteosa*

Oloa flume 12/10/33

10426 *Scaevola Chamissoniana* v. *bracteosa* -

Oloa flume Hilo Dist. 12/10/33

Kahana Valley, Koolau Mts.

10389 Solanum (26 Nov. 33)

90

91 Hibiscus arnothianus

92 Cladium meyenii

93

94

95

96

97 Slep

98

99 Slep

10400

01

02 Jouvillia gaudichaudiana

03 Scaevola

04

05 Scaevola

06 Scaevola mollis

07 Scaevola

08

09

10 Centella asiatica

11 Cyrtandra longifolia Hbd. var. degenerans

12

13 Buddleia asiatica

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15 Aplismenus hirtellus

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Awehi Stream, above Hilo, Hawaii

Dec. 7, 1933

10422

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34 Gouldia terminalis var. glabra f. euglabra

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38 Gouldia terminalis var. glabra f. euglabra

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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 Akaka Falls, Honolulu,
Dec. 2, 1933

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59 *Lept*

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 *Joimvillea Gaudichaudiana*

10476 *Peperomia ~~Remyi~~ Cookiana*

08 *Pluchea odorata* (Awehi Stream)

09

11 *Rosa chinensis* var. *viridiflora*
Wilo

10507

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10500 *Ophioglossum pendulum*

10503 *Elaphoglossum gorgoneum*

Awehi Stream 12/17/33

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10507

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09 *Pluchea odorata* (Awehi stream)

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11 *Rosa chinensis* var. *veridiflora*
Wils

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*
Puna Oa Tr. above Olaa Flume, Hilo D. 12/10/33.

10446 *Asplenium contiguum*
Same as 10447

- 10494 *Jussiaea suffruticosa* L. var. *linguistifolia*
Auehi Stream above Hilo. 12/7/33

10505 *Cyanea* 10508 *Ilex* 10510 *Ilex*
Auehi Str. above Hilo. 12/7/33

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 Akaka Falls, Honolulu,
Dec. 7, 1933

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59 *Step*

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 *Joinvillea Gaudichaudiana*

10476 *Peperomia ~~Remyi~~ Cookiana*

Prim ~~at~~ Trail, above Oloa 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*

96 *Gleichenia glauca*

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10501

Makaha Valley, mouth

10512

(23 Apr 33)

- 13 *Jaquemontia sandwicensis*
- 14
- 15 *Richardia tingitana*
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- 17 *Atriplex semibaccata*
- 19 *Plumbago zeylanica*
- 19
- 20 *Achyranthes aspera*
- 21 *Sida*
- 23 *Tribulus cistoides*
- 24 *Lycium carolinianum* v. *sandwicense*

Kailua

7/22/33

25 *Paspalum*

Honolulu

4/2/33

26 *Abutilon*

27 *Jussiaea suffruticosa* var. *ligustrifolia*

28

29 *Waiakole*

Honolulu

29 *Euphorbia heterophylla* var. *cyathophora*

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- 10535 *Cordia subcordata*
- 36 *Muntingia calabura*
- 37 *Enterolobium cyclocarpum*
- 38 *Heliotropium anethusaeifolium*
- 39
- 40 *Wallaceodendron celebicum*
- 41 *Lagerstroemia speciosa*
- 42

Plants of the Hawaiian Islands

OAHU

Eragrostis grandis Willd.
 Loc. Puni, Hawaii, open ridge, Makaha
 Hab. Waianae Mts., Makaha - Waianae Kai

open ridge

Date

3 - 31 - 1935

Alt.

750 m.

Coll.

F. R. Fosberg No. 10881

Det.

A. D. Whitney

Remarks: Chumpo

Mts
ryii

Plants of the Hawaiian Islands

OAHU

Eragrostis grandis Killebr.
var. *polyantha* Killebr.
Loc. Puu Kawaia Puu Kaala ridge
Hab. Waianae Mts. Makaha - Waianae
Hail
open ridge

Date 3 - 31 - 1935

Alt. 780 m.

Coll. F. R. Fosberg No. 10881

Det. A. D. Whitney

Remarks: clumps

9705 *Echinocloa colorem*

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

9704 *Marsilea villosa*

(same loc)

Makaha Valley, mouth.

(23 Apr 33)

10512

13 *Jacquemontia 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

4/7/33

26 *Abutilon*

27 *Jussiaea suffruticosa* var. *ligustrifolia*

28

~~Kapahulu~~
Waiahole

Honolulu

29 *Euphorbia heterophylla* var. *cyathophora*

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10535 *Cordia subcordata*

36 *Muntingia calabura*

37 *Enterolobium cyclocarpum*

38 *Heliotropium anethum* var. *anethum*

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
 88
 89 *Persea americana*
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Oahu - U.S. & Mex.

Makapuu

10591

Sida

92 *Atriplex semibaccata*

93

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

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Puu Kaala, Waianai Mts, ~~Waianai~~ Waianai

- 08 Phyllanthus sandwicensis var. oblongifolius
- 09 Ageratum conyzoides

Continued from Book 2 p. 145

- 7090
- 91
- 92

10567 *Trapphalium purpureum*
 67 *Mokrahe per*
Fimbristylis cymosa Pyramid Rock, Mo. Pan 3/25/33
 10568 *Thespesia populnea* 10564 same loc.
Popoia Is. Tahiti 3/26/33 *F. cymosa* var. *pycnocephalo* 133
 57 *Fimbristylis cymosa*
Popoia
 10559 *Argemone alba*
 Pyramid Rock 3/25/33
 10570 *Oxalis corniculata*
Mokrahe Peninsula
 Pyramid Rock 3/25/33
 - 10575 *Lipochactis integrifolia* ditto 26/33

- 10585 *Sporaea sandwicensis*
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10562 Gnaphalium purpureum

63 ^{Mokapu pen.}
Fimbristylis cymosa Pyramid Rock, Mokapu
3/25/33

10558 Thespesia populnea

Poipoi Is. Kaula

57 Fimbristylis cymosa
Poipoi

10559 Argemone alba
Pyramid Rock 3/25/33

10570 Ozalis corniculata

Mokapu Peninsula

Pyramid Rock 3/25/33

- 10575 Lipochoa integrifolia ditto

10564
F. cymosa
same loc.
Pyramcephala

10588 *Heliotropium curassavicum* L.
Popoia Island

Kailua 1/28/34.

10583 *Lonchus oleraceus* Popoia I. Kailua

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

10561 *Reichardia tinjitanana*

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

10581 *Heliotropium ~~argenteum~~ anomalum var. argenteum*
Popoia I. Kailua 3/27/33

- 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.
Hea Flat, 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, Waianai Mts, ~~Waianai~~ Waianai

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 epigua 12/10/31 Pebble Beach, Sta. Catalina Is. L.G. Co.

48

49 Artemisia californica " Avalon, Pahr. Schilitis Can. Sta. Catalina Is. L.G. Co.

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51

52 Quercus Macdonaldii 12/10/31 Pebble Beach, Can. L.G. Co. " " "

53

54

55 Quercus Tomentella 12/11/31 Gallagher's Can. nt. ft. " " "

7156 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 Park, Middle Ranch Can. " "

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66 Heliotropium curassavicum 7/29/31 Marsh Cottonwood Can. " " "

67 Laratera esurgentiflora 5/22/31 Bird Rock, Johnson H. " " "

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

12

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

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16 *Quercus dumosa* 3/2/32 Kern Co. Luddy Can. Fresno Mts. Pa.

17

18 *Quercus dumosa* 3/3/32 Kern Co. Luddy Can. Fresno Mts. Pa.

19

20 *Quercus wislizenii* 3/2/32

21

22 *Quercus wislizenii*

CRB 23 *Lalix hindsiana* var. *leucodendroides* Ventura Co. Matilija Can.

CRD 24 *Lalix hindsiana* var. *parishiana*

CRB 25 *Lalix hindsiana* var. *leucodendroides* Ventura Co. Matilija Can.

CRD 26 " " " " Kern Co. 10 mi. ^{about} _{Pinn}

End of ^{L.A.} Museum series.

Beginning with date of leaving L.A. Museum — 75 to beginning of Hawaiian collecting

Arizona

7427 *Arynia* 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 pedunculifera* 4/1/32 ^{Arizona} 5 mi. w. Sells, Pima Co.

34 *Euphorbia pedunculifera* 3/31/32 Gunsight Pk. Pima Co.

35 *Oxalis lanceolata*

36 *Erodium texanum* 4/1/32 5 mi. w. Tucson, Pima Co.

37
38

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

40
41 *Sisymbrium ^{brachycarpum} ~~pinnatum~~* 4/4/32 ^{Sonora, Mexico} 15 mi. n. Magdalena

42
43 *Sisymbrium ^{brachycarpum} ~~pinnatum~~* 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 Pass

50 *Caulanthus lasiophyllus* ^{v. utahensis}

51 *Thysanocarpus laciniatus* 4/2/32 10 mi. n.e. Sells,

52 *Sisymbrium pinnatum* 4/2/32 7 mi. e.

53 *Lepidium ^{v. wislizenii} ~~lasiocarpum~~* 3/31/32 5 mi. w. Ajo

54 *Sisymbrium ^{brachycarpum} ~~pinnatum~~* Gunsight Pass

- 7455 *Eschscholtzia mexicana* 4/11/32 ^{Arizona} e. slope Tumacacori mts. Pima Co.
- 56 *Eschscholtzia mexicana* 4/11/32 Gunsight Pass, Pima Co.
- 57 *Eschscholtzia mexicana* 4/3/32 Vail, Pima Co.
- 58 *Argemone platyceras* 4/2/32 5 mi. SW. 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. Sells, Pima Co.
- 62 *Delphinium scaposum* 4/1/32 5 mi. w. Covered Wells, "
- 63 *Delphinium scaposum* 4/3/32 10 mi. n.e. Sells, "
- 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 *Calyptrodidium monandrium* 4/6/32 ^{Arizona, Santa Cruz Co.} e. slope Tumacacori mts.
- 70 *Calyptrodidium monandrium* 4/5/32 ^{Sonora, Mex.} 15 mi. n. Magdalena
- 71 *Mirabilis ~~platensis~~ ^{Bigelovii}* 4/2/32 ^{Arizona} 5 mi. w. Sells, 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. SW. Tucson, Pima Co.
- 75 *Gomphrena caespitosa* 4/6/32 e. slope Tumacacori mts. ^{Santa Cruz Co.}
- 76 *Monolepis Nuttalliana* 4/5/32 ^{Mexico, Sonora} 15 mi. n. Magdalena
- 77 *Monolepis Nuttalliana* 4/2/32 ^{Arizona} 5 mi. SW. Tucson, Pima Co.
- 78 *Eriogonum subreniforme* 4/8/32 Gunsight Peak, "
- 79
- 80 *Eriogonum Trichopodium* 4/9/32 5 mi. e. Walton, 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} Walton, Yuma Co.
- 86 *Eriogonum Watsonii* " Mohawk, "
- 87 *Eriogonum Thurberi* 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* 4/1/32 10 mi. n.e. " "
- 99
- 7500
- 01 *Androsace occidentalis* 4/6/32 Tumacacori mts. ^{Santa Cruz Co.}
- 02 *Astragalus arizonicus* 4/4/32 Nogales, "
- 03 ~~Lotus~~
- 04
- 05 *Lotus mollis* 4/6/32 Tumacacori mts. ^{Santa Cruz Co.}
- 06
- 07
- 08 *Lotus trispermus* 4/5/32 ^{Sonora, Mexico} 15 mi. n. Magdalena
- 09 *Calliandra eriophylla* 4/6/32 ^{Arizona} Twin Buttes, ^{Santa Cruz Co.}
- 10 *Lotus trispermus* 4/6/32 " " " "
- 11 *Astragalus playanus* 4/5/32 ^{Sonora, Mexico} 15 mi. n. Magdalena
- 12 *Quercus dumosa* var. *macdonaldii* " ^{Calif. Santa Barbara Co.} 1/2 way bet. Pismo & Santa Barbara
- 13 *Quercus dumosa* v. *macdonaldii* " " " "
- 14 ~~Cercocarpus betuloides~~
- Cercocarpus betuloides* Santa Cruz Island, Santa Barbara Co. Calif.
- 14 *Cercocarpus betuloides* 3/27/32 Prisoners Harbor
- 15 *Quercus dumosa* " 1/2 way bet. Pismo & Santa Barbara N.
- 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 ^{deffroyi} ~~graciliflora~~ " " " "
- 37 Lupinus succulentus " " " "
- 38 Phacelia ^{var. ramosissima} ~~distans~~ var. subsinuata " " " "

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Santa Cruz Island, Santa Barbara C.

- 7554 Chenopodium californicum 3/20/32 Prisoners Harbor
- 55 Platystemon californicus " " "
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- 57
- 58 Quercus dumosa var. macdonaldii 4/22/32, can. below ranch.
- 59 Ceanothus megacarpus var. insularis 3/24/32 Hills below ranch
- 60
- 61
- 62 Pinus muricata 3/6/32 Prisoners Harbor
- 63
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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 ^{aquifolia} ~~deltoidea~~ " " " "
- 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 Quercus dumosa Prisoners Harbor 3/6/32

7572 Quercus aquifolia 3/6/32

- 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. 3/27/32
- 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 "
- 701
- 02
- 03 *Lycorhannus floribundus* v. *asplenifolia* " 2nd can. w. " "
- 04 *Cercocarpus betuloides* " " " " " "
- 04 *Dendromecon rigida* v. *Harfordii* " " " " " "
- 05
- 06 *Mimulus* (*nasutus* acc. Pennell) *guttatus* " " " " " "
- 07
- 08
- 09 *Melica imperfecta* 3/21/32 Smugglers Cove
- 10 *Stipa pubera* " " "
- 11 *Castilleja parviflora* v. *Douglasii* " " "
- 12 *Apiastrum angustifolium* " " "
- 13
- 14
- 15
- 16
- 17
- 18 *Lotus strigosus* " " "
- 19 *Bowlesia incana* " " "

7587-99 *Quercus dumosa* 3/27/32 can. Prisoners Harbor

7600 a *Quercus agrifolia* 3/27/32 Prisoners Harbor

- 7620 *Meconopsis heterophyllum* 3/21/32 Smugglers Cove.
- 21
- 22 *Echinochloa 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 pusillum* " " "
- 31 *Ellisia chrysanthemifolia* 3/21/32 Smugglers Cove
- 32
- 33 *Brodiaea capitata* " " "
- 34 *Castilleja parviflora* v. *Douglasii* " " "
- 35
- 36
- 37 *Mimulus* (*nasutus* acc. Pennell) *guttatus* 3/21/32 Can. 1 mi. e. Twin Harbors
- 38 *Phacelia viscida* " " " 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) *guttatus* 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

~~Linum catharticum~~

55

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

57 Lupinus bicolor " " "

58 ~~R. Logswellia~~ reticulata (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 3/24/32 Bluffs v. Pelican Bay

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

84

85 Eriophyllum staechadifolium " " "

86 Rhus ovata 3/23/32 Can. below ranch

7687 Quercus agrifolia 3/23/32 Cas. above Prisoners Harbor

7688 Quercus dumosa 3/22/32 Prisoners Harbor

7689 Viola pedunculata 3/22/32 Prisoners Harbor

90 Ranunculus californicus " " "

91 Athysanus pusillus " Hills near " "

92 " " " "

93 Orthocarpus densiflorus " " " "

94 " " " "

95 " " " "

96 " " " "

97 Venegasia carpesioides 3/21/32 Can. s. Smugglers Cove

98 Castilleja parviflora v. Douglasii " " " "

7700 Gilia 3/21/32 Smugglers Cove

01 Malacothrix saxatilis " " "

02 Caulanthus lasiophyllus " " "

03 Convolvulus occidentalis, macrostachya " " "

04 Atriplex californica " " "

05 Salix lasirolepis " 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. Magdalena

11 Astragalus arizonicus " " " "

12 Calliandra eriophylla 4/2/32 5 mi. w. Tell. Pima Co.

13 Krameria canescens " " " "

14 Vicia exigua 4/8/32 " " " "

15 Astragalus Nuttallianus " " " "

16 Lotus mollis 4/2/32 Roadside Mine " "

16a) Lupinus sparsiflorus v. arizonicus 4/1/32 Covered Wells " "

17 Calliandra eriophylla " " " "

18 Astragalus lentiginosus v. arizonicus " Junsight Pass " "

19 Dalea Parryi " " Peak " "

20 Lupinus concinnus " " Pass " "

21 Astragalus aridus 3/31/32 10 mi. e. Holtville

- 7724 Dalea 4/7/32 Vail Pima Co.
- 25 4/9/32 w. Druppings Pass, Mts. Sonoita 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. Lells, 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. Lells, 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. Lells
- 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 Sonoita 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 4/2/32 Roadside Mine, Pima Co.
- 57 Sphaeralcea ambigua 4/2/32 5 mi. w. Lells

- 7758 Abutilon Newberryi 4/2/32 5 mi. w. Lells Pima Co.
- 59 Abutilon crispum
- 60 Sphaeralcea Coulteri 4/1/32 Gunsight Pass
- 61 Sphaeralcea laxa 4/4/32 near Colossal Cave, 2 mi. n. Vail, Pima Co.
- 62 Sphaeralcea Coulteri 4/9/32 Sonoita V. Pima Co.
- 63 Sphaeralcea ambigua? 4/9/32 California, Imperial Co. w. of Colorado R. w. 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 Sonoita 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. Lells
- 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. Lells, 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. Lells, Pima Co.
- 85 Gilia Thurberi 4/3/32 15
- 86 Gilia ^{eremica v. jagari} ~~intertexta~~ 4/3/32
- 87 Gilia ^{eremica v. jagari} ~~intertexta~~ 4/5/32 Sonora, Mexico 15 mi. n. Magdalena
- 88
- 89
- 90 Evolvulus arizonicus

58 on wing label

- 7791 *Philibertia* ~~linearis~~ ^{sonora} 4/5/32 15 mi. n. Magdalena
- 92
- 93
- 94 *Asclepias decumbens* 4/4/32 ^{Arizona, Sta. Cruz Co.} e. of Tumacacori Mts.
- 95
- 96 *Janusia gracilis* 4/1/32 Gunsight Peak, Pima Co.
- 97 *Spermolepis echinatus* ^{Muhl.} ~~Hilleb.~~
- 98 *Spermolepis echinatus*
- 99 *Daucus pusillus*
- 7800 *Bowlesia inaequalis* ^{sonora, Mexico} 4/5/32 15 mi. n. Magdalena
- 01 *Spermolepis echinatus*
- 02 *Daucus pusillus*
- 03 *Bowlesia inaequalis* 4/1/32 ^{Arizona} Gunsight Peak, Pima Co.
- 04 *Phacelia distans* 4/5/32 ^{sonora, Mexico} 15 mi. n. Magdalena
- 05 *Ephedra trifurca* 4/3/32 ^{Arizona} Roadside Mine, Pima Co.
- 06 *Phoradendron californicum* 4/4/32 ^{Arizona} e. of Vail
- 07 *Phoradendron californicum* 4/5/32 ^{sonora, Mexico} 15 mi. n. Magdalena
- 08
- 09 *Quercus* 4/4/32 ^{Ariz. Santa Cruz Co.} hills near Nogales
- 10 *Quercus* " " " "
- 11 *Quercus* " " " "
- 12 *Quercus* 4/6/32 ^{Ariz. Santa Cruz Co.} e. slope Tumacacori Mts.
- 13 *Quercus* 4/5/32 ^{Mexico, Sonora} 30 mi. s. Nogales
- 14
- 15
- 16 *Populus Fremontii* 4/6/32 ^{Arizona} 5 mi. s. Tucson, Pima Co.
- 17
- 18
- 19
- 20
- 21
- 22 *Brodiaea pauciflora* 4/4/32 Nogales, Santa Cruz Co.
- 23
- 24 *Brodiaea pauciflora* 4/2/32 covered Wells, Pima Co.

- 7825 *Aristida adscensionis* 4/5/32 ^{sonora} 15 mi. n. Magdalena
- 26
- 27 *Muhlenbergia arizonica* " " " "
- 28 *Poa Bigalovii* 4/3/32 ^{Arizona} 3 mi. n. Vail, Pima Co.
- 29 *Triodia pulchella* 3/31/32 Mohawk, Yuma California, Imperial Co.
- 30 *Aristida Fendleriana* " 10 mi. e. Holtville
- 31 *Notholaena Hookeri* 4/5/32 ^{Arizona} 10 mi. e. Wells, Pima Co.
- 32 *Pellaea mucronata* " " " "
- 33 *Cheilanthes* " 3 " n. Vail " "
- 34
- 35 *Cheilanthes Lindheimeri* 4/3/32 10 " n. e. Wells " "
- 36
- 37
- 38 *Pectis longipes* ^{sonora, Mexico} 4/5/32 15 mi. n. Magdalena
- 39 *Malacothrix Fendleri* 4/5/32 " " " "
- 40
- 41 *Zinnia pumila* " " " "
- 42 *Pectis longipes* 4/6/32 ^{Arizona, Santa Cruz Co.} e. of Tumacacori Mts.
- 43 *Dryas prophyllodes* 4/3/32 ^{Drifting Apr. Mts.} Sonora 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* 4/5/32 ^{sonora, Mexico} 15 mi. n. Magdalena
- 50
- 51
- 52 *Malacothrix californica* 4/3/32 ^{Arizona} 10 mi. n. e. Wells, Pima Co.
- 53 *Eriophyllum* " " " "
- 54
- 55 *Filago arizonica* ^{sonora, Mexico} 4/5/32 15 mi. n. Magdalena
- 56
- 57 *Malacothrix glabrata* 4/4/32 ^{Arizona} 5 mi. w. Wells, Pima Co.
- 58 *Trixis californica* 4/1/32 Gunsight Peak " "

Arizona - Mexico - California

7859

60 *Franseria ambrosioides* 4/2/32 5 mi. w. Sells, Pima Co.

61 *Encelia farinosa* 4/1/32 Gunsight Peak

62 *Bahia absinthifolia* var. *dealbata* 4/3/32 Roadside Mine

63

64 *Trichoptilium incisum* 3/31/32 Mohawk, Yuma Co.

65 *Perityle ca* 4/1/32 Gunsight Peak, Pima Co.

66 *Eupodia Hartwegii* 4/7/32 Vail

67

68 *Senecio salignus* DC. 4/5/32 Sonora, Mexico
~~arizonae~~ 25 mi. s. Nogales

69 *Franseria 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 *Franseria dumosa* 4/2/32

74 *Haplopappus ^{sp. spinulosus} scabellus*

75 *Encelia farinosa*

76 *Baileya multiradiata*

77 *Franseria deltoidea*

78 *Hoffmeisteria plurisetata* 4/9/32 California, 9 Imperial Co.
Colorado River acc. Yuma, Ariz.

79

80 *Franseria deltoidea* 4/1/32 ^{arizona} Gunsight Pass, Pima Co.

81 *Brickellia Coulteri* Peak

82 *Stylocline gnaphalodes* 4/3/32 Vail

83

84

85 *Chaenactis attenuata* 3/31/32 Mohawk, Yuma Co.

86 *Filago californica* 4/1/32 5 mi. w. Sells, Pima Co.

87 *Franseria ambrosioides* 4/3/32 Sonoita Valley

88 *Rafinesquia neo-mexicana* 4/2/32 5 mi. w. Sells

89

90 *Plantago spinulosa* var. *oblonga* 4/5/32 ^{sonora, Mexico} 15 mi. n. Magdalena

91

92 *Plantago heterophylla*

7893 *Plantago insularis* var. *fastigiata* 4/3/32 Sonoita V. Pima Co.

94 *Plantago spinulosa* var. *oblonga* 4/2/32 Covered Wells

95 *Plantago insularis* var. *fastigiata* 3/31/32 10 mi. e. Holtville

96 *Nemacladus glandulifera* var. *orientalis* 4/4/32 3 mi. n. Vail, Pima Co.

97

98

99

7900 *Carlownightia arizonica* 4/8/32 Gunsight Pk. Pima Co.

01 *Carlownightia arizonica* 4/5/32 15 mi. n. Magdalena

02

03 *Anisacanthus Thunbergii* ^{arizona} 4/3/32 10 mi. n.e. Sells, Pima Co.

04 *Beloperone californica* 4/8/32 Sonoita Valley

05 *Penstemon ^{Parryi} parryi* 4/1/32 Covered Wells

06 *Penstemon ^{Parryi} parryi* 4/4/32 c. st. Tumacacori Mts. Ariz.

07 *Orthocarpus ^{n. Palmeri} purpurascens* 4/2/32 10 mi. n.e. Sells, Pima Co.

08 *Castilleja lanata* 4/4/32 Nogales, Sta. Cruz

09 *Penstemon ^{Parryi} parryi* 4/1/32 Gunsight Pass, Pima Co.

10 *Verbena ciliata* Covered Wells

11 *Verbena ciliata* 4/5/32 15 mi. n. Magdalena

12 *Verbena ciliata* 4/4/32 ^{arizona} c. st. Tumacacori Mts. Ariz.

13

14 *Salvia columbariae* 4/1/32 Covered Wells, Pima Co.

15 *Salvia columbariae* 4/2/32 10 mi. n.e. Sells

16 *Hyptis Emoryi* 4/3/32 Sonoita Valley

17 *Hyptis Emoryi* 4/1/32 Gunsight Peak

18 *Salvia columbariae* 4/3/32 Sonoita Valley

19 *Teucrium laciniatum* 4/5/32 15 mi. n. Magdalena

20 *Lycium escentum* ^{arizona}

21 *Lycium Parshii* 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

25 *Phacelia ^{Popei} 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 Mexico 15 mi. n. Magdalena

37

38 Calochortus Kennedyi 4/7/32 Arizona Covered Wells, Pima Co.

39 Fouquieria splendens 4/8/32 Quinsight Peak, ..

40 Calandrinia ambigua 4/9/32 5 mi. e. Wellton, Yuma ..

41 Oligoneis linifolia " " " " " " " "

42

43 Astragalus Coulteri California, San Bernardino Co. 4/2 Xalichs Well, 15 mi. e. Old Woman S.

44 Abronia villosa v. anita " " " " " " " "

45 Hymenoclea salsola 4/22/32 Old Woman Springs

46 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. missouriensis " " " " " " " "

53 (Aulospermum) panamintense C. R. var. acutifolius " " " " " " " "

54 Philibertia hirtella " " " " " " " "

55 Eriogonum fasciculatum v. flavivide 4/25/32 " " " "

56

57

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. eremitanum " " " " " "

64 Trixis californica " " " " " "

65 Hofmeisteria plurisetata " " " " " "

66 Peucephyllum Schottii " " " " " "

67 Aristida adscensionis " " " " " "

68 Belbisia juncea " " " " " "

69

70

71 Viguiera deltoidea v. Paishii " " " " " "

72 Salvia leucophylla 4/17/32 Ventura Co. Pina S. 3 mi. above Pina

73

74 Convolvulus occidentalis v. cyclostegium " " " " " "

75

76 Mimulus longiflorus " " " " " "

77 Galium angustifolium " " " " " "

78 Orthocarpus purpurascens v. pallidus " " " " " "

79

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

81

82 Scrophularia californica v. multicifera " " " " " "

83 Mimulus longiflorus " " " " " "

84 Rosa californica 4/18/32 Ventura Co. Matilija Can. Gjai V.

85 Mimulus longiflorus " " " " " "

86 Calochortus venustus " " " " " "

87 Eriodictyon trichocalyx " " " " " "

88

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

California

- 7995 *Ceanothus crassifolius* 4/13/32 Ventura Co. Matilija Can.
- 96 *Stachys californica* " Santa Barbara Co. Carpinteria
- 97 *Quercus lobata* " Tehama Co. Camp Crocker, Ojai
- 98
- 99 *Quercus agrifolia* " " " "
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- 15 *Dalea californica* 4/24/32 San Bernardino Co. w. end Sheep Hole Mts.
- 16 *Krameria canescens* " " " " " "
- 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 uniflorum* " " " " " "
- 27 *Eriogonum inflatum* " " " " " "
- 28 *Salvia columbariae* " " " " " "

California

- 8029 *Lepidium Fremontii* 4/24/32 San Bernardino Co. w. end Sheep Hole Mts.
- 30 *Eriogonum fasciculatum* ^{filicinoides} " " " "
- 31 *Triodia pulchella* 4/23/32 " " " "
- 32 *Dithyrea californica* 4/22/32 Old Woman Springs
- 33 *Sisymbrium brachycarpum* " " " "
- 34 *Daccharis glutinosa* " " " "
- 35
- 36 *Chilopsis linearis* v. *arcuata*? " " " "
- 37 *Coleogyne ramosissima* 4/22/32 Mojave Desert 10 mi. n. Windmill
- 38 *Sphaeralcea ambigua* ^{sub. *rugosa*?} " " " "
- 39 *Eriogonum pusillum* " " " "
- 40 *Mentzelia graulenta* v. *Veatchiana* " " " "
- 41 *Oryzopsis hymenoides* " near Riches Well, 15 mi. n. Old Woman Spr.
- 42 *Chaenactis Fremontii* " " " " " "
- 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* " " " " " "

- 3061 *Collinsia bicolor* (heterophylla acc. Pennell) 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 Riverside Co. Thousand Palms C. Coachella
- 67 *Chorizanthe rigida* " " " "
- 68 *Encelia farinosa* " " " "
- 68 *Eriogonum Thomasii* " " " "
- 69
- 70 *Eschscholtzia minutiflora* " " " "
- 71 *Franseria dumosa* " " " "
- 72 *Lupinus sparsiflorus* " " " "
- 73 *Bouteloua aristidoides* " " " "
- 74 *Plantago insularis* v. *fastigiata* " " " "
- 75 *Dalea mollis* v. *mollissima* " " " "
- 76 *Achyroxychia Cooperi* " " " "
- 77
- 78
- 79 *Scirpus Olneyi* " " " "
- 80 *Washingtonia filifera* " " " "
- 81
- 82
- 83
- 84 *Antirrhinum filipes* " " " "
- 85 *Abronia villosa* v. *avita* " " " "
- 86 *Baileya pauciradiata* " " " "
- 87 *Atriplex hymenelytra* " " " "
- 88 *Geraea canescens* " " " "
- 89 *Phoradendron californicum* " " " "
- 90 *Hymenoclea salsola* " " " "
- 91 *Pluchea sericea* " " " "
- 92 *Oenothera deltoidea* " " " "
- 93 *Palafoxia linearis* " " " "

- 3094 *Oenothera decorticans* v. *dumosa* Riverside Co. 3/13/32 Thousand Palms C. Coachella
- 95 *Monoptilon bellioides* " " " "
- 96 *Oenothera claviformis* " " " "
- 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 Kuhn} " " " "
- 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 *Cercocarpus alnifolia* " " " "
- 23 *Toxilis nodosa* " " " "
- 24
- 25 *Toxilis nodosa* " Big Wash Canyon "
- 26 *Ceanothus arboreus* " " " "
- 27 *Dryopteris arguta* " " " "

California

Santa Catalina I. Los Angeles Co.

8128 Castilleja foliolosa 5/6/32 Big Wash Can. Avalon

29

30 Delphinium Parryi

31

32

33 Scrophularia californica ^{v. catalina}

34

35

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

41

42

43 Festuca megalura ridge s. Grand Can.

44

45 Mimulus cardinalis

46 Mimulus guttatus

47

48 Ellisia chrysanthemifolia

49

50 ~~...~~

51

52 Rhus ovata

53 Quercus dumosa var. macdonaldii 5/7/32

54

55 Godetia quadrivalvata Hay Press

56

57 Helianthemum scoparium ^{v. vulgare}

58

59 Cercocarpus betuloides Grand Can.

60 Rhus ovata

61 Quercus dumosa can. above Hay Press

California

Santa Catalina I. Los Angeles Co.

8162

63 Lotus hamatus 5/7/32 summit of Coach Rd.

64 Quercus dumosa can. above Hay Press

65 Gilia hamata summit of Coach Rd.

66 Plantago ^{v. californica} ~~...~~

67 Calochortus catalinae 5/6/32 hill n. Avalon

68 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 ^{v. glabrata} 4/27/32 15 mi. e. Old Woman Spr.

78 Caulanthus lasiophyllus 4/24/32

79 Delphinium Parryi 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. Perris

85 ~~...~~ 5/19/32 San Dimas Can.

86 Solanum Xanti ^{v. intermedium}

87 Hemizonia fasciculata 5/9/32 Riverside Co. Perris

88

89 Haplopappus Palmeri ^{v. pachylepis} 5/21/32 San Bernardino Co. Mojave R. Victorville

90 Mirabilis californica ^{v. aspera} 12 mi. s. "

91 Haplopappus Palmeri, ^{syn. pachylepis}

92

93 Atriplex polycarpa Rancho Verde, "

94 Atriplex polycarpa " " "

95 Lotus leucophyllus Cajon Pass

- 8196
- 97 *Hydrocotyle ranunculoides* 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 Victorville
- 01 ~~*Blasium*~~ 5/21/32
- ~~02 *Eurotia lanata* 5/21/32 w. end Ord Mts.~~
- 02
- 03 *Onyropsis hymenoides* 5/22/32 Rancho Verde, Victorville
- 04 *Brihelia stracheyoides* ^{arguta} " w. end Ord Mts.
- 05 *Eurotia lanata* " " " "
- 06 *Lotus grandiflorus* ^{v. mutabilis} 5/24/32 Cajon Pass
- 07 *Populus Fremontii* 5/21/32 Victorville
- 08 *Populus Fremontii* " " " "
- 09 *Haplopappus Palmeri* ^{var. pachylophus} 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. ovinatus} " " " "
- 22
- 23 *AcaempTOPappus sphaerocephalus* " " " "
- 24
- 25 *Stephanomeria Parryi* " " " "
- 26 *Stillingia linearifolia* " " " "
- 27 *Stanleya pinnata* " " " "
- 28 *Caulanthus inflatus* " " " "

- 8229 *Stephanomeria ^{v. myriodala} mucronata* 5/22/32 ^{San Bernardino Co.} w. base Ord Mts.
- 30 *Allium fimbriatum* " " " "
- 31 *Echeveria saxosa* " " " "
- 32 *Aster tortifolius* " " " "
- 33
- 34 *Castilleja ^{chromosa} angustifolia* " " " "
- 35
- 36
- 37
- 38
- 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 can.
- 43 *Amelanchier alnifolia* " " " "
- 44
- 45
- 46
- 47
- 48 *Populus Fremontii* 5/29/32 ^{San Diego Co.} Cane Breaks can.
- 49 *Anemopsis californica* " " " "
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- 61
- 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. 76 "The Rim" Montezuma V.
- 65 *Quercus dumosa* " " " "
- 66 *Quercus helloggii* 6/6/32 near Julian, San Diego Co. 6/5/32 San Diego Co.
- 67 *Quercus agrifolia* var. oak grove San Diego Co.
- 68 *Lilene multinervis* 6/6/32 Buckman Spr.
- 69 *Calyptidium monandrum* 6/5/32 Oak Grove
- 70
- 71 *Eriogonum fasciculatum* 5/30/32 Mexico Tecate, Baja California
- 72
- 73 *Eriogonum fasciculatum* v. *polifolium* 5/28/32 California, San Diego Co. Mason Valley
- 74 *Eriogonum Thunbergii* 6/5/32 Oak Grove
- 75
- 76
- 77 *Chorizanthe fimbriata* v. *laciniata* " 10 mi. n.w. Warner's Hot Spr.
- 78
- 79 *Chorizanthe fimbriata* v. *laciniata* 6/24/32 Mexico Tecate, Baja Calif.
- 80 *Rumex acetosella* 6/5/32 Calif. San Diego Co. Julian
- 81
- 82 *Brodiaea capitata* 6/6/32 " "
- 83 *Calochortus splendens* " " "
- 84 *Allium Parryi* " " "
- 85 *Calochortus albus* " " "
- 86 ~~*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 *Elaeochais 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 Spr.
- 99
- 8300 *Stipa lepida* 6/6/32 Buckman Spr. Mexico, Baja Calif.
- 01 *Aristida adscenimisi* 5/29/32 Banded Agate Mt. Calif. San Diego Co.
- 02 *Lporobolus airoides* 5/29/32 Vallecito
- 03 *Poa* 6/6/32 Julian
- 04 *Potamogeton foliosus* 5/29/32 Cane Brakes Can.
- 05 *Cheilanthes Clevelandii* 6/6/32 bet. Campo + Potrero
- 06 *Pinus Torreyana* 6/7/32 Del Mar
- 07
- 08 *Prosopis chilensis* 5/29/32 Cane Brakes Can.
- 09 *Prosopis chilensis* " " "
- 10 *Olneya tesota* " Mexico, Baja Calif. Banded Agate Mt.
- 11
- 12 *Trifolium involucreatum* 4/5/32 California, San Diego Co. 10 mi. n.w. Warner's H.S.
- 13 *Prosopis pubescens* 5/29/32 Cane Brakes Can.
- 14 *Krameria canescens* " " "
- 15
- 16 *Acacia Greggii* 5/28/32 Vallecito Mexico, Baja Calif.
- 17 *Dalea Emoryi* 5/29/32 Banded Agate Mt. Calif. San Diego Co.
- 17a *Cassia armata* " Cane Brakes Can. Mexico, Baja California
- 18 *Lotus scoparius* 5/30/32 Tecate
- 19
- 20 *Lotus argophyllus* 6/6/32 Calif. San Diego Co. bet. Campo + Potrero
- 21 *Lathyrus splendens* " Julian
- 22
- 23 *Adenostoma fasciculatum* 4/5/32 Oak Grove Mexico, Baja Calif.
- 24 *Adenostoma fasciculatum* 5/30/32 Tecate Calif. San Diego Co.
- 25 *Cercocarpus* 6/5/32 Montezuma Valley
- 26 *Prunus Fremontii* " " "
- 27 *Potentilla norvegica* v. *hirsuta* " Julian
- 28
- 29

- 8398 *Monardella lanceolata* 4/6/32 San Diego Co. Carrizo
- 99 *Trichostema lanatum* v. *denudatum* " Pine Valley
- 8400 *Eriodictyon trichocalyx* v. *lanatum* " Fel. Camps + Potosi
- 01 *Eriodictyon trichocalyx* v. *lanatum* " Camps Valley
- 02 *Eriodictyon Parryi* " Pine Valley
- 03
- 04 *Emmenanthe penduliflora* " Buckman Spr.
- 05 *Eriodictyon Parryi* 4/5/32 10 mi. n.w. Warner H.S.
- 06 *Eriodictyon crassifolium* " Lastula " "
- 07
- 08 *Eriodictyon trichocalyx* " Upper San Felipe.
- 09 *Phacelia distans* " Oak Grove
- 10 *Phacelia brachyloba* 4/6/32 Buckman Spr.
- 11
- 12
- 13
- 14
- 15 *Gilia lutea* " Pine Valley
- 16 *Cuscuta* - 5/29/32 Canebrake C.
- 17
- 18
- 19 *Eustoma silenifolium* 5/28/32 Vallecito
- 19a *Asclepias subulata* 5/29/32 Carrizo
- 20 *Frasera Parryi* 6/5/32 Oak Grove
- 21 *Memacladus longiflorus* 4/6/32 Buckman Spr.
- 22 *Memacladus ramosissimus* v. *pinnatifidus* " " "
- x 23 *Galium angustifolium* 5/30/32 Mexico, Baja Calif. Tecate
- x 24 *Galium angustifolium* " " California, San Diego Co.
- x 25 *Galium angustifolium* 6/5/32 10 mi. n.w. Warner H.S.
- x 26 *Galium angustifolium* 6/5/32 Oak Grove
- 27 *Cucurbita palmata* 5/29/32 Canebrake C.
- x 28 *Galium Andrewsii* 6/5/32 10 mi. n.w. Warner H.S.
- 29 *Chilopsis linearis* v. *arcuata* 5/29/32 Canebrake C.
- 30 *Mimulus floribundus* 5/28/32 10 mi. n.w. Warner H.S.

(maritimus var. Pennell) San Diego Co.

- 8431 *Mimulus guttatus* 5/28/32 10 mi. n.w. Warner H.S.
- 32 *Mimulus brevipes* " " "
- 33 *Mimulus aridus* 4/6/32 Pine Valley
- 34 *Mimulus brevipes* 4/5/32 10 mi. n.w. Warner H.S.
- 35 *Mimulus brevipes* 4/6/32 Buckman Spr.
- 36 *Mimulus guttatus* 4/5/32 Fel. Warner H.S. + Hershaw R.
- 37 *Mimulus Clevelandii* 4/6/32 Pine Valley Mexico, Baja Calif.
- 38 *Mimulus brevipes* 5/30/32 Tecate
- 39 *Mimulus aridus* " " "
- 40 *Mimulus guttatus* 4/5/32 5 mi. n.w. Warner H.S.
- 41 *Mimulus Fremontii* 4/6/32 Buckman Spr.
- 42 *Mimetanthe pilosa* 5/28/32 10 mi. n.w. Warner H.S.
- 43 *Penstemon centranthifolius* 4/5/32 " " "
- 44 *Penstemon centranthifolius* " " "
- 45 *Penstemon centranthifolius* " Oak Grove
- 46 *Penstemon centranthifolius* 5/28/32 10 mi. n.w. Warner H.S.
- 47 *Penstemon antirrhinoides* 6/5/32 " " "
- 48 *Penstemon antirrhinoides* 5/30/32 Mexico, Baja Calif. Tecate
- 49 *Penstemon spectabilis* 4/5/32 10 mi. n.w. Warner H.S.
- 50 *Penstemon spectabilis* 5/28/32 " " "
- 51 *Penstemon spectabilis* 5/30/32 Mexico, Baja Calif. Tecate
- 52 *Penstemon heterophyllus* v. *australis* 6/6/32 California, San Diego Co. Julian
- 53 *Penstemon ternatus* " Pine Valley
- 54 *Antirrhinum Nuttallianum* " Fel. Camps + Potosi
- 55 *Collinsia concolor* " Julian
- 56 *Collinsia concolor* 5/28/32 10 mi. n.w. Warner H.S.
- 57 *Antirrhinum Coulterianum* f. *Croattianum* 5/30/32 Mexico, Baja Calif. Tecate
- 58 *Antirrhinum Coulterianum* 6/5/32 10 mi. n.w. Warner H.S.
- 59 *Scrophularia multiflora* California, San Diego Co. Mexico, Baja Calif. Tecate
- 60 *Scrophularia multiflora* California, San Diego Co. Pine Valley
- 61 *Cordylanthus rigidus* Mexico, Baja Calif. Tecate
- 62 *Castilleja pinetorum* 5/30/32 California, San Diego Co.
- 63 *Castilleja stenantha* 6/6/32 Camps Valley
- 64 *Chaenactis glabrescens* " 10 mi. n.w. Warner 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. *Aetoni* 6/5/32 Montezuma V.
- 73 *Encelia frutescens* v. *Aetoni* " 10 mi. n.w. Warner H.S.
- 74 *Wyethia ovata* 6/6/32 Julian
- 75 *Geraea viscida* " Bel. 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* 4/5/32 "
- 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 4/5/32 10 mi. n.w. Warner H.S.
- 96 *Cirsium Drummondii* " " " " " "
- 97

- 8498 *Pseudotsuga macrocarpa* 4/19/32 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 San Bernardino Co.
- 05 *Poa longiligula* 6/19/32 Baldwin Lake Los Angeles Co.
- 06 *Poa Koeleri* *crispata* 6/18/32 Camp Baldy San Bernardino Co.
- 07 *Melica stricta* 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
- 17
- 18
- 19
- 20 *Eriogonum gracillimum* 6/14/32 Lucerne Valley
- 21
- 22 *Eriogonum angulosum* v. *maculatum* " " "
- 23
- 24 *Eriogonum nidularium* 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 *Clematis lasiantha* " " San Antonio C.
- 31 *Eschscholtzia glyptosperma* San Bernardino Co. 4/15/32 O.E. Ord Mts.

- 8537 *Lepidium virginicum* ^{v. pubescens} 6/13/32 Los Angeles Co. San Antonio C.
- 38 *Umbellularia californica* 6/13/32 Los Angeles Co.
- 39
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- 45 *Astragalus macrodon* v. *parishii* 6/19/32 San Bernardino Co. Bear Valley
- 46 *Krameria parvifolia* 6/14/32 s. Ord mt.
- 47
- 48 *Gayophytum laxospermum* 6/19/32 Baldwin Lake
- 49
- 50 *Fremontia californica* " Johnston grade
- 51 *Fremontia californica* " Baldwin Lake
- 52
- 53
- 54 *Arctostaphylos glauca* 6/18/32 Los Angeles Co. Camp Baldy
- 55 *Angelica tomentosa* Torr.
- 56 *Heracleum lanatum* Michx.
- 57 *Dryadophytum parishii* C. & R.
- 58 *Galium gabrielense* ^{G. angustifolium approaching} " " "
- 59 *Mimulus guttatus* " " " "
- 60 *Sarcodes sanguinea* 6/19/32 San Bernardino Co. 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 San Bernardino Co. Johnston grade
- 73 *Castilleja cinerea* " Baldwin Lake
- 74 *Galium aparine* Camp Baldy, San Antonio C. L.A. Co.
- 75 *Plantago Purshii* v. *typica* " " "
- 76
- 77 *Chaenactis macrantha* 6/19/32 Lucerne V.
- 78 *Chaenactis glaberrima* 6/19/32 Baldwin L.
- 78a *Eriophyllum confertifolium* " " "
- 79
- 80 *Erigeron concinnus* v. *condenatus* " " "
- 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 *Lolium Xantii* Santa Barbara Co. 7/10/32 Montecito
- 88 *Psoralea macrostachya* " Santa Barbara
- 89 *Equisetum arvense* " " "
- 90
- 91
- 92
- 93 *Condalia Parryi* San Bernardino Co. 7/12/32 Mission Creek
- 94 *Quercus dumosa* " " "
- 95 *Galium angustifolium* near v. *pinetorum* with some hesitation M. J.
- 96
- 97
- 98 *Castilleja linearisaeifolia* " " "
- 99 *Deweya arguta* T. & G.
- 8600 *Chilopsis linearis* v. *arcuata* " " "
- 01
- 02
- 03
- 04

By shelf
Mickey with
2 Hawaiian
at 8958

8605

06

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20 *Druceophytum vestitum* (Wats.) C. & R.

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26 *Podistera nevadensis* (Gray) Wats.

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36 *Druceophytum Parishii* C. & R.

112

113

B&PN:667

