

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
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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
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Dec. 8, 1931 - July 17, 1932

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

U.S. and Mexico pp. 61 # 10594 - 10709
Sw. U.S. & N.w. Mexico pp. 64
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Arizona-California-Mexico pp. 89
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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*
- 7577 *agrifolia*
- 7572 *dumosa*
- 7515 *dumosa* aff. *macdonaldii*
- 7558 *macdonaldii*
- 7512 *dumosa* aff. *macdonaldii*
- 7513 *macdonaldii*
- 8164 *dumosa*
- 8161 *dumosa* 8262 *dumosa*
- ✓ 7593 *dumosa* 8265 *dumosa*
var. *alvordiana*
- 8527 *dumosa*
- 8528 *chrysolepis*
- 8594 *turbinella*
- 7594 *toментella*
- 8103 *dumosa*
- 8153 *macdonaldii*
- 8239 *dumosa* *acutidens*
- 7596 *toментella*
- 8263 *dumosa* *acutidens*

BC
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, Waipio 9/18/32

8658

59

60

61 *Claphoglossum reticulatum*

62

63 *Phyllostegia grandiflora*

64

65

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

67 *Dubautia laxa* var. *pseudoplantaginea*

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 *Scervola gaudichaudiana*

79

80

81

82 *Pittosporum*

83 *Gouldia St. Johnii* var. *typica*

84

85

86 *Peperomia latifolia*

87

88

89 *Gouldia St. Johnii* var. *typica*

90 *Coprosma longifolia*

- 8691 *Gouldia St-Johnii* var *typica*
- 92
- 93 *Gouldia St-Johnii* var. *typica*
- 94 *Phyllostegia grandiflora*
- 95 *Peperomia ellipticibacca*
- 96 *Gouldia terminalis* var *coriacea*
- 97 *Dubautia laxa* var. *obovata* f. *glabrescens*
- 98 *Labordia*
- 99 *Labordia*
- 8700
- det. 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 *Hedyotis centranthoides*, v. *laevis*, f. *glomerata*
- 11 *Dubautia laxa* var. *obovata* f. *glabrescens*
- 12 *Gouldia terminalis* var. *coriacea*
- 13 *Lobelia Gaudichaudii*
- d. Sheff. 14 *Labordia fagraeoides* var. *conferta* Sheff
- 15 *Rollandia St-Johnii*
- 16
- 17

Helemano 9/25/32
 South ridge of South Paalaa Gulch
 Roalan Mts., Paalaa

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

- 8722
- 23 *Pelea*
- 24 *Gouldia terminalis* v. *typica* f. *eutypica*
- 25
- 26 *Pelea*
- 27 *Dryopteris hawaiiensis* (Hillebr.) Robinson
- 28 *Gouldia terminalis* var. *macrothyrsa* det. T. Hear
- 29
- 30 *Gleichenia glauca*
- 31
- 32



ensis
typica f. *elliptica*
anum
meiae

oides
sica f. *eutypica*

rothyrsa
um

Macraeana
rothyrsa

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



5 E

69-6

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*
- 07 *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 fragraceoides* 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
- 27 *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 *Euphea carthaginensis*
- 33 *Gouldia terminalis* v. *typica* f. *elliptica*
- 34 *Santalum Freycinetianum*
- 35 *Styphelia lanceameciae*
- 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 - Schopfield 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

8800

01 *Tectaria gaudichaudii*

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

03

04

05 *Pelea*

06

07 *Cyrtandra paludosa*

08

09 *Scaevola glabra*

10 *Euphorbia rockii*

11 *Phyllostegia glabra*

12 *Jussiaea suffruticosa* L. var. *ligustrifolia*

Honolulu

9/17/32

13 *Casuarina equisetifolia*

14

15

16

17 *Lantana bellowiana*

18 *Duranta repens*

88 19

20

21

22 Phyllanthus nirous var. roseo-pictus

23 Salvia splendens

24 Zebrina pendula

25

26 Calotropis gigantea

27 discarded

28 Plumbago auriculata

29

30 Asystasia gangetica

31 Duranta repens

32

33 Thryallis glauca

34

35

36

37

38

39

40

41

42

43

44

45

So. ridge to ^{Helemano} ~~Waikele~~ gulch, 9/20/02
Koolau Mts. Paalaa

46

47

47 Alyssa olivaeformis

48 Guildia terminalis, v. typica f. antypura

49

3350

Pithecolobium

Kaimuki, Honolulu

51 Euphorbia geniculata

52

53

54 Oxalis corniculata

55 Plantago major

56 Verbena litoralis

57

Maunaloa, Honolulu

58 Rubus rosaeifolius

59 ^{asaring} Maunaloa erubescens

60

61 Adiantum ~~capillus-veneris~~ cuneatum

62

63 Drymaria cordata

64 Emilia sonchifolia

65 Youngia japonica subsp. typica

66

67

68 Paspalum orbiculare

69 Euphorbia geniculata

Waimea River, Waimea

70 Peperomia leptostachya

71

72 Peperomia leptostachya

73 Zehespesia populnea

74

75 Achyranthes aspera

76

- ~~3877~~ Kawaihapai
- 3877 *Verbesina encelioides*
- 78 *Plumbago zeylanica*
- 79 *Oxalis corniculata*
- Lavikai, Kailua 10/19/32
- 80 *Scaevola frutescens*
- 81 *Vitex trifolia* L. var. *simplicifolia*
- 82 *Euphorbia degeneri*
- 83 *Chenopus echinatus*
- Papaia Island, Kailua 11/8/32
- 84
- 85 *Heliotropium aromalum* var. *argenteum*
- 86 *Thespesia populnea*
- 87
- 88 *Sporobolus virginicus*
- 89
- 90 *Lycium carolinianum* v. *sandwicense*
- 91 *Capparis sandwichiana*
- 92 *Chenopodium sandwicense* f. *macrosperrum*
- Run ^{in gulch of Run Kaupakulala}
~~MT~~ Kaala, Halea ^{and vic.}
- Waianae Mts. ~~Waianae~~ ^{Maunakuli} Oct. 23, 1932
with H. H. John.
- 93
- 94 *Strongylodon lucidus*
- 95
- 96 *Youngia japonica* subsp. *typica*
- 97
- 98 *Cyperus*
- 99 *Phyllostegia grandiflora*
- 8900
- 01
- 02 *Asplenium unilaterale*

- 8903
- 04
- 05 *Tectaria gaudichaudii*
- 06
- 07
- 08
- 09 *Phyllanthus sandwicensis* var. *ellipticus*
- 10
- 11 *Styphelia tameiameia*
- 12 *Cyperus brevifolius*
- 13
- 14
- 15
- 16
- 17
- 18
- 19 *Asplenium horridum*
- 20 *Stenogyne kaalae*
- 21 *Gouldia terminalis* var. *coriacea*
- 22 *Euphorbia hillebrandii* f. *paliareana*
- 23
- 24
- 25
- 26 *Acacia koa*
- 27
- 28 *Viola trachelifolia*
- 29
- 30
- 31 *Gouldia terminalis* var. *macrothysa*
- 32
- 33 *Osmanthus sandwicensis*
- 34
- 35
- 36

- 8937 *Styphelia tameiameia*
- 38 *Styphelia Tameiameia*
- 39 *Osteomeles anthyllidifolia*
- Upper Waianai Valley
- 40 *Maurandya erubescens*
- 41
- 42
- 43
- Kauai
- 44 *Agave sisalana*
- Kahala
- 45 *Morinda citrifolia*
- Kipapa Gulch, Koolau Mts. Waipio
- 46
- Panua Flats vic. 10/30/32
- 47 *Cladium angustifolium*
- 48
- 49 *Perrottetia sandwicensis*
- 50
- 51
- 52
- 53 *Coprosma longifolia*
- 54
- 55 *Hedyotis centranthoides*, v. *laevis*, f. *glomerata*
- 57
- 58 *Dubautia plantaginea*
- 59 *Gouldia terminalis* var. *coriacea*
- 60 *Dodonaea viscosa*

56 *Peperomia ellipticoides*

- 8961 *Gouldia terminalis* var. *coriacea*
- 62 *Scaevola*
- 63 *Gouldia terminalis* var. *coriacea*
- 64 *Korthalsella complanata*
- 65
- 66
- 67
- 68 *Scaevola*
- 69 *Gouldia terminalis*, v. *typica* f. *eutypica*
- 70
- 71 *Alex sandwicensis*
- 72 *Phyllostegia grandiflora* ^{apparently unicate habit at Field M. Type}
- 73 *Pittosporum sulcatum* var. *rumicifolium*
- 74 *Peperomia latifolia*
- 75 *Jussiaea suffruticosa* L. v. *ligustifolia*
- 76
- 77
- 78 *Clermontia*
- 79 *Scaevola*
- 80 *Hedyotis acuminata* f. *koolauensis*
- 81 *Coxis lachryma-jobi*
- Puu Kaa, Waianai Mt 2, 11/6/32
- Honouliuli
- 82 *Gouldia terminalis*, var. *kuala* f. *Russii*
- 83 *Gouldia terminalis* var. *macrothyrsa*
- 84
- 85 *Sida*
- 86
- 87
- 88
- 89 *Dianella sandwicensis*
- 90 *Rumex*
- 91 *Scaevola*

8981a Moloai, Waikolu 12/21/32
 Shuff cites Fosberg 8598
 from Panua (B.M.B. 155:87)
 as *Dubautia plantaginea*
 var. *chamissoi* - in ~~partly~~
 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 *Durbantia plantaginea* var. *chemisensis* det. K. Hoff.

08

09

10

11 *Asplenium Macraei*

12 *Asplenium hoidum*

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. *hista*

9024 *Nephrolepis 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.L328
101
9162

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. 25cm.
Maps on lining-papers.
"First published, April 1939."
"Author's note" (bibliographical): p. vii.
L. Egypt—Deser. & trav. L. Title.
40-1842

HISTORY AND DESCRIPTION (except American)

50

51 *Koehleria Remyana*

52

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. London,
 B. T. Batsford, ltd. [1939]

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

Maps on lining-papers.

"First published, April 1939."

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

1. Egypt—Descr. & trav.	i. Title.	40-1342
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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
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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
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10045

un. Erecht. hieracifolia

10273

un. Eupat. riparium Rege

9956

un. Senecio sylvaticus L.

9830, 10900, 10514, 9226

10776,

un. Xanthium saccharatum
Walt.

un. V 07 66

Heterocentron

macrostachya Nees
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 *Dubautia plantaginifera* var. *chemissonis* det. K. H. Hoff.
- 08
- 09
- 10
- 11 *Asplenium Maeraii*
- 12 *Asplenium horridum*
- 13
- 14
- 15
- 16 *Drymaria cordata*
- 17
- 18 *Asplenium*
- 19 *insiticum*
- 20
- Prun Olomana, Kailua 11/13/32
- 21 *Triumfetta Bartramia*
- 22 *Abutilon*
- 23 *Microlepia strigosa* var. *hirta*

- 9024 *Mesophleps 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 *Psilotum nudum*
- 35 *Polypodium scolopendria*
- Prun Kana, Waianae Mts.
Honolulu
- 36
- 37
- 38
- 39
- Makua Valley, Waianae Mts. 11/25/32
- 40 *Peperomia leptostachya*
- 41 *Erythrina sandwicensis*
- 42
- 43 *Pittosporum*
- 44
- 45
- 46 *Asmanthus sandwicensis*
- 47
- 48 *Charpentiera*
- 49 *Dodonaea viscosa*
- 50
- 51 *Koehleria Remyana*
- 52

- 85 X 3 Lectaria gaudichaudii
- 54
- 55 Nototrichum humile
- 56
- 57 Dodonaea viscosa
- 58
- 59
- 60
- 61
- 62 Canavalia galeata
- 63 Diospyros ferrea var. sandwicensis f. sandwicensis
- 64
- 65
- 66 Asplenium nidus
- 67
- 68
- 69
- 70 Pittosporum
- 71 Korthalsella ^{degeneri} ~~capitata~~ var. planiuscula
- 72
- 73 Mt. Kaala, Haleanau vic. Waianae
- Mts. Waianae aculea 1/8/33
- 74
- 75 Alsindendron trinerve
- 76 Phyllostegia grandiflora
- 77 Diospyros ferrea var. sandwicensis f. sandwicensis
- 78
- 79 Dryopteris glabra
- 80 Perrottetia sandwicensis
- 81
- 82 Asplenium contiguum
- 83

9075a Coprosma ochracea v. kaala

- 90 84 Hedysc. Schlecht. dahleana, rep. cordata v. nitens f. 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
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- 05 Smilax sandwicensis
- 06 Coprosma Fauri v. oahuensis
- 07 Coprosma Fauri v. oahuensis
- 08 Dodonaea viscosa
- 09 Phyllostegia grandiflora
- 10
- 11 Notocestrum
- 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

- 9113 *Claoxylon sandwicense* M.-G. var. *magnifolium* ^{Lieff.}
- 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
- 30 Koko Crater 11/27/33
- 30 *Schiedea*
- 31 *Reichardia tinigiana*
- 32 *Tephrosia purpurea*
- 33 *Erythrina sandwicensis*
- 34 *Heteropogon contortus*
- 35 *Erythrina sandwicensis*
- 36 *Fimbristylis* ^{cymosa var.} *pycnoccephala*
- 37 *Lythrum maunimum*
- 38 *Lipochaeta integrifolia*
- 39 *Boerhaavia diffusa*
- 40 *Psilotum nudum*
- 41 *Eragrostis variabilis*
- 42
- 43
- 44
- 45
- 46 *Leveilla jungermannioides* (Martens & Hering) Kaw.
- 47 *Lawrenzia nidifica* L. Ag.

9142

Waikiki, Honolulu

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Spyridia spinella Sonder.

Pupukea-Kahuku Trail 2/14/33

9180

81 Euphorbia lusiaefolia

82 Smilax sandwicensis

83 Pteralytia macrocarpa

84 Pittosporum

85 Ochrosia sandwicensis

86

87

88 Ulychia olivaeformis

89 Laccocarpus bifidus

90

91

92 Xylocarpus hawaiiense

93 Comanthus sandwicensis

94

95 Peleu

96 Chylosteugia glabra var. Maerasi

97 Phyllostegia grandiflora

98

99

9200

01

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05 Gouldia terminalis, v. typica f. eutypica

06 Peleu

07 Acacia koa

08 Santalum fraxinetanum

09 Scaevola

10

11 ~~Koala~~ Kothalsella complanata

9212 Kothalsella ~~platycaula~~ complanata

13 Rauwolfia sandwicensis

14

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17 Gouldia terminalis v. typica f. eutypica

18 Lindsaya macraeana

19

20 Cyrtandra propinqua

21

22

23 Peleu 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, Waianae Mts.

37 Cibotium Chamissoi

3/12/33

38

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- 9240 *Cordyline terminalis*
- 41 *Athyrium Arnottii*
- 42 *Asplenium horridum*
- 43
- 44
- 45 *Ptilotum nudum*
- 46
- 47 *Dryopteris cyathoides*
- 48 *Cyperus carthagenensis*
- 49
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- 51 *Ipomoea indica*
- 52
- 53
- 54 *Coffea arabica*
- 55
- 56
- 57 *Adiantum capillis-veneris*
- 58
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- 61 *Setaria gaudichaudii*
- 62 *Chenopodium sandwichicum*
- 63
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- 65 *Stachys arvensis*
- 66 *Malvastrum coromandelianum*
- 67 *Sida*
- 68 *Peperomia leptostachya*
- 69
- 70 *Manoa-Palojo Ridge, Koolau Mts. 3/19/33*
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
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- 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 *Asteraceae anthyllifolia*
- 03 *Pittosporum*
- 04 *Sida*
- 05

9306

Waianae Kar Valley Waianae Mts.

07

08 *Eragrostis panic*

09

10 *Peperomia reflexa*

11

12

Honolulu

13

Kalaheo Ridge, Koolau Mts 3/29/36

14 *Gomphocarpus physocarpus*

15 *Sida*

16 *Asteomeles enthyllidifolia*

17

18

19 *Scaevola*

20 *Pteridium aquilinum*

21 *Rynchospora*

22 *Gleichenia glauca*

23

24 *Scaevola glabra*

25

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27 *Asplenium inatum*

28

29 *Cibotium Menziesii*

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31 *Selaginella Menziesii*

32 *Athyrium poretianum*

33 *Jussiaea suffruticosa* var. *ligustrifolia*

9334

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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 *Lindsaya 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*

71

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76 *Adiantum trapeziforme*

77 *Maracudium ternifolium*

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79

80 *Adiantum cuneatum*

81

82

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84 *Petrea volubilis*

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88 *Asperugo Sprengeri*

89 *Grevillea robusta*

90

91 *Crinum asiaticum*

92

Lae-Malakahana Ridge, Koolau Mts. ^{Lae-Waiwae Ridge} 4/15/33

93

94 *Gouldia terminalis* var. *coriacea*

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96

97 *Korthalsella cylindrica* var. *planiuscula*

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

99

9388a *Peperomia humilis*

9399 *Korthalsella complanata*

9400 *Phyllostegia grandiflora*

01 *Jussaea 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 *Platydesma campanulata*

23

24

25 *Dubautia laxa* var. *bryanii*

26 *Gouldia terminalis* var. *coriacea*

27

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30 *Phyllostegia glabra* var. *Mauraei*

31 *Lindsaea macrospora*

32 *Asplenium contiguum*

det. Sheff

3

9433

34 *Zanthoxylum oahuense*

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39 *Pittosporum*

40 *Dracaena aurea*

Kalanao Ridge, Koolau Mts. 4/30/1933

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43

44 *Asplenium acuminatum*

45

46 *Dryopteris glabra* var. *striata* ^{Herb. med.} det. T. Herat

47

48

49 *Claoxypus 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 chrysanthemifolia* ^{det. T. Herat} f. *nitens*

62

63

64 *Gouldia terminalis* var. *coriacea*

53a *Zanthoxylum*

9465

Euphorbia clusiaefolia

66

Eupatorium adenophorum

67

68

69 *Claoxypus bifidus*

70

71

72 *Pittosporum*

73

Clematis persicaefolia

74

Pohakaea Pass + vic. Waianae Mt. 5/2/33
Honouliuli + Kualalei.

75

Gnaphalium purpureum

76

Sida

77

Salvia coccinea

78

Pteridium aquilinum

79

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81

Euphorbia celastroides var. *amplexans*

82

83

Xylocoma hawaiiense ??

84

Chapentonia

85

Agrostis retrofracta

86

Oplismenus hirtellus (L.) Beauv.

87

Lemnathus sandwicensis

88

89

90

Koeleria complanata

91

92

Sida

93

Canavalia galentia

94

Dodonaea viscosa

95

Permisetum setosum

- 9496 *Shiadea*
 - 97 *Diospyros ferrea* var. *sandwicensis* f. *sandwicensis*
 - 98 *Selaginella Menziesii*
 - 99 *Cystopteris Douglasii*
 - 9500 *Microlepia strigosa* var. *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*
- Waikare 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. *conspua*

- 9527 *Cheerodendron*
 - 28 *Isachne pallens*
 - 29 *Gouldia terminalis* v. *Waurana*
 - 30 *Gouldia St. Johnii* var. *typica*
 - 31 *Cheerodendron*
 - 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~~ ^{planicaula}*
 - 48 *Jenivillea Gaudichaudiana* P.
 - 49
 - 50 *Peperomia oahuensis*
 - 51 *Labordia cyrtandrae* det. K. H. Hoff
 - 52
 - 53
 - 54 *Adenostemma ~~arvense~~ ^{Lavenia}*
 - 55
 - 56 *Pittosporum*
 - 57 *Korthalsella complanata*
 - 58

9559

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S.H.K.S.

64 *Eleocharis obtusa* (Willd) Schultes var. *enotata* Hind.

65 *Rynchospora lamarum* var. *lamarum*

66 *Cyperus*

67 *Psychotria hexandra* var. *horakana* f. *horakana*

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 ^{var. acutimum}

9606 Hedyotis cuneolata f. wailauensis

07 Dryopteris stegnoagrammoides

08 Cladium meyeri

09 Hedyotis acuminata f. wailauensis

10 Scaevola

11 Cladium angustifolium (Gaud.) B. & H.

12 Cyperus

13

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16 Cyrtandra longifolia var. degenerans

17

18 Diospyros ferrea var. sandwicensis f. wailauensis

19

20 Gouldia terminalis var. ovata f. ^{var.} wailauensis

21 Cyrtandra lysiosepala

22

23

24 Dioscorea alata

25 Gouldia terminalis var. ovata f. wailauensis

26 Peperomia latifolia

27 Piper methysticum

28

29

30 Peperomia alternifolia

31 Gouldia terminalis var. ovata f. ^{f.} stonyi

32 Oplismenus hirtellus (L.) Beauv.

Det. H. K. S. 9637a Eleocharis obtusa (Willd.) Schult. var. erecta HBK.

9633 Cyperus

34

35 Cyperus brevifolius

36 Cyrtandra, n. coast E. Molokai

37

38 Cyperus

39 Peperomia reflexa

40

41

42 Zingiber zerumbet

43 Brighamia insignis

44

45 Fimbristylis

46 Cyperus

47 Gnaphalium purpureum

48

49 Centella asiatica

50 Schiedea

51 Scaevola frutescens

52 Morinda citrifolia

53 Euphorbia celastroides var. salawana?

54 Hedyotis acuminata f. wailauensis

55

56 Octomeles enthyllidifolia

57

58 Diospyros ferrea var. sandwicensis f. wailauensis

59 Chepentina

60 ~~Capp~~ Psilotum nudum

61 Cassia gaudichaudii

62

63

64 Bramia monnieri

65

66

9667

63 *Hymenocallis littoralis*

69

70 *Plantago major*

71

72 *Lysimachia spathulata*

73

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76 *Ischaemum luyone*

77 *Cyperus javanicus* Houtt.

78 *Cyperus hawaiiensis*

79 *Carex wahuensis*

~~Manoa Cliff Trail, Koolau Mts.~~

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81

Manoa Cliff Trail, Koolau Mts.

82 *Clermontia*

83

84 *Caevola Gaudichaudiana*

85

86 *Coprosma foliosa*

87

88

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

90

91 *Pittosporum*

92 *Hedyotis Gilchristi* (L. Hitchc.) 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*

01

02

03

Palolo-Wai'alae Mui Ridge

2/3/33

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 *Mimosa strigosa* (L.) Hitchc. det. T. G. Tutin

Nipapa gulch, Koolau Mts. 8/8/33

19

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22 *Gouldia terminalis* v. *typica* f. *auttypica*

23 *Labordia*

24 *Gouldia terminalis* v. *typica* f. *auttypica*

9725

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29 *Labordia hedyosmifolia* var. *Hosakana* Keck

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32 *Scaevola mollis*

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34 *Sanicula purpurea*

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37 *Viola oahuensis*

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

39

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43 *Cheiodendron*

44 *Cheiodendron*

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49 *Astelia veratroides*

50

51 *Scaevola Skottsbergii*

52

53 *Scaevola*

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9759 *Psychotria hexandra* var. *Hosakana* f. *Hosakana* (T.M.P.)

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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 *Tetraplasandra*

85 *Cladium meyenii*

86

87 *Pittosporum spectabile*

88 *Cyperus*

89

90 *Carex wahuensis*

91

92 *Sida acuta* (L.) Merr. f. *acuta* (L.) Merr.

9793

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9900

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*

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

9871

9830a *Eichhornia crassipes*

21 *Rynchospora thyrsoidea* det. Hooker

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.

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

35 *Rubus rosaeifolius*

36 *Gouardia Hillbrandii* var. *typica* f. *eutypica*

37

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39 *Paspalum dilatatum*

40

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44 *Elaphoglossum hirtum*

45 *Vaccinium calycinum* f. *calycinum*

46 *Gouardia Hillbrandii* var. *typica* f. *eutypica*

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- 9851
- 52
- det. H.K.G. 53 *Eleocharis obtusa* (Willd.) Schultes var. *enotata* Hed.
- 54 *Scheuchzeria*
- 55 *Rubus hawaiiensis*
- 56
- 57
- 58
- 59 det
- 60
- 61
- 62 *Koeleria complanata*
- 63
- 64 B
- 65
- 66
- 67
- 68
- 69
- 70 *Gouldia Hillebrandii* var. *typica* f. *autotypica*
- 71 *Scaevola Chamissoniana*
- 72
- 73 *Rubus*
- 74 *Gouldia Hillebrandii* var. *typica* f. *autotypica*
- 75
- 76
- 77 *Rubus hawaiiensis*
- 78 *Lappula communis*
- 79
- 80 *Cyrtandra cordifolia* var. *gynogabra*
- 81
- 82
- 83 *Perrottetia sandwicensis*
- 84

90 Scumb

- 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. *autotypica*
- 95 *Scaevola*
- 96
- 97 *Pelea*
- Road bet. Waiehe Valley and Kahakaloa,
Wailuku Dist. Aug. 19, 1933
- 98
- ~~Hana Road~~ Pauwala Pt. near
Kaenae, Hana Dist. Aug. 20, 1933
- 99

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

9920

10000 *Coprosma ernodesoides* var. *mauiensis* 8/23/33
 Haleakala Crater, Halemau Trail from foot of Palisades

- 9944 *Tetramolopium humile*
 Rim of Haleakala Crater, bet. Rest House and
 summit 8/22/33

- 9947
 - 9948 *Dubautia menziesii* same

- 9952
 - 9950

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

9907 *Manihot glaziovii* and of
 Maui Hana Road bet. Mahuku & ~~same~~ 8/23/33

9913 ~~Scavola Chem~~ Kaula 8/20/33

9953 *Hypochaeris radicata* var. 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

var. *cordata* & var. *ovata* (same as 9902)
 9902 *Scavola* 9905 *Scavola* 9913 *Scavola*
 Hana Rd. bet. Keamalahou + ~~Chamissoana~~

Maui 8/20/33
 9963 *Pellaea ternifolia* + 9962 *Asplen. Adiantum*
 same as 9955 ~~negoni~~

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

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

9960 *Asplenium Trichomanes* 01/11/37
 same as 9955 done any same loc. + date.

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

~~9913 *Scaevola* 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 *Scaevola* 9905 *Scaevola* 9913 *Scaevola*
Chemiscamun
Hana Rd. bet. Keana Valley +
Nahiku 8/20/33

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

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

9917 *Ischaemum Byrone* Trin
Pauwaha Point, near. Keanae.
8/20/33

9960 *Asplenium Trichomanes*
same as 9955 above

9975, 9976 9977

Geranium multiflorum
var. *canum*

Haleakala Crater, floor
near Bubble Cave.

9934 *Chenopodium vahneense* (same as above)

9942 *Sida* *plumbea* *var. alba*

Haleakala Crater, floor
3/23/33

9974 *Sida* *plumbea* *var. alba*
Haleakala Crater, floor

9978 *Plantago lanceolata*
Haleakala Crater floor,
Halemau Trail bet. Bottomless
Pit and foot of Pali 3/23/33

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

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

- 9947
- 9948 - *Dubautia menziesii* same

- 9952 /
- 9950 /

- 9922 *Dubautia platyphylla* ~~same~~
slopes of Haleakala bet. top
of Halemann 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 *Gahnia*
Haleakala, Halemann 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 *Stenogyne crenata* var. *muricata*
Slopes of Haleakala bet. top of
Halemau Trail and end of road
at Puu Mianian.

8/23/33

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

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

9951 Same as 9949

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

- 9994 *Lythrum maritimum* same

9997 *Gabnia* (same)

9991 *Sporobolus elongatus* - Same as 9997

~~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. Halemanu Tr. 8/23/33

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

9928 *Carex*
Haleakala Cr. floor bet. bottomless
pit + foot of Pali, Halemanu Tr.
8/23/33

9938 *Pellaea ternifolia*
Unk. loc.

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

9944 *Coprosma erubescens* var. *mauii*
8/22/33 Hale. Crat. Sliding Sand 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 Mahiika
8/20/33

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

Asplenium trichomanes

9987 Haleakala Crater, Halemauⁿ Trail
8/23/33

Dodonaea viscosa

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

9970 *Dodonaea*

~~to~~ slopes of Haleakala
bet. top of Halemau Trail
& end of road at Pua

Niauniau 8/23/33

9977 *Asplenium montanum* var. *crossii*
same data etc. as 9970

9978 *Vaccinium berberidifolium*

9985 *Vaccinium berberidifolium*

Haleakala Crater, Halemau 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 Halemau Tr.

↑ Pua Niauniau 8/23/33

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

- 10193 *Gnaphalium purpureum*
Tr. fr. Waimea to upper
Hamakua Ditch Tr.
- 10174 *Osmanthus 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 *Osmanthus Sandwicensis*
Pupukea - Hahuku Trail~~
- 10134 *Osmanthus sandwicensis*
Kipuka Puanu (Bird Park) Hilauea
- 10442 *Styphelia tameiameia*, Puni Oro Trail:
above Olau Flume, Hilo Dist
(Awehi Str. above Hilo)
- 10160 *Styphelia Tameiameia*, Vol. Rd. not far below
Museum, Hilauea
- 9966 *Styphelia Douglasii*, Slopes of Haleakala, bet
Top of Halemanu Tr. & end of rd. at Puni
naianai
- 9954 *Styphelia Douglasii*, Rim Haleakala Crater,
bet. Rest House & Summit
- ~~10228 *Theopesia 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 *Leop*

Bet Makaopuhi & Negeu Craters.

House of Craters, Kilauea 8/27/33

icense

f. Aug 27, 1933

~~10014 *Lobelia glauca - muniti*~~

~~Pinn Kukum, bet. Hakalaka & summit.~~

~~8/24/33~~

aclan

24, 1933

Lycopodium

Handwritten text, possibly "Lycopodium"

17

19

20 *Clermonte*

10013 *Sax*

Bet Makaopuhi & Negeu Craters.

Hawaii Craters, Kilauea 8/27/33

~~10014 *Lobelia gloria-montis*~~

~~Pinn Kukui, bet. Nakalakea + summit.~~

~~8/24/33~~

- 10002 *Argyroxiphium sandwicense*
~~9914~~ *Papa, Makalapa Mt. Aug. 23, 1933*

Puu Kukui, above Haelan
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*

27 *Coprosma ochracea* v. *typica*

28 *Artelia forbesii* var. *fallax*

29 *Plantago*

30 *Delaginella deflexa*

31 *Vaccinium pahala*

32 *Clermontia*

33

34

35

36 *Coprosma ochracea* v. *typica*

37 *Deschampsia (Aira) nubigena*

38 *Lagenophora*

39 *Carex montis-ecce*

40 *Carex sandwicensis*

41

42

43 *Gouldia terminalis* var. *cordata* f. *encordata*

44 *Rabordia hedyosmifolia* var. *centralis* det. Kluff

45

46

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

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

49

50 *Kothenalsella cylindrica*

51 *Marattia Douglasii*

52

53 *Oreopolus furcatus* Maxon

54

10033? *Geranium humile*, var. *mauiense*
10030 (Berkeley specimen has some *Lycopodium* sp. (Schizoid.)

~~100 Puna district, Aug. 27, 1933~~

Olaa,

Aug. 28, 1933

10056

57 *Torenia asiatica*

58 *Abutilon pictum*

59 *Torenia asiatica*

60

61

62

63

64 *Buddleia madagascariensis*

→
(65
66

Puna

Aug. 27, 1933

Heterocentron macroslachya Naud.

67

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83

10074

85

86 *Castilleja elastica*

Chain of Craters trail, Kilauea
Aug. 29, 1933

87 Pelea

88 *Astelia menziesii* Sm.

89

90 *Gouldia terminalis* var. *konamensis* f. *konamensis*

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 det.)

03

04

05

06 *Vaccinium calycinum* f. *calycinum*

07 *Dubautia scabra*

08 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*

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

10 *Hedyotis centranthoides* var. *centranthoides* f. *centranthoides*

11 *Ilex*

12 *Vaccinium reticulatum*

13

14 *Carex*

10115 *Dubautia ciliolata*

16

17

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

18 *Pteris vittata*

10154 *Rouyopteria decora*

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

10157 *Coprosma ermodoides*

101193

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

head of Alakahi Fork Waipio Valley ta

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

same data as above

10263 }
10245 } *G. terminalis* v. *purpurea*

Trail from Waimea to Upper Hanaleiua

10154 } 10246 } *Asplenium contiguum* Sept. 3, 1933

same - ?

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

1020 } 10192 }
10195 } *Kehena Ditch Trail near Kehena*
Sept. 2, 1933 Kohala Mts. Hawaii

1015 } 10208 } *Brija minor* -

101 } 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.

10169 } 9/2/33

- 10213 }
 10223 } *Gouldia terminalis* v. *purpurea*
 10224 }
 10232 } Upper Hanalei Ditch Trail
 head of Alakahi Fork Waipio Valley
 10233 } *Coprosma ochracea* v. *Rockii* Sept. 3, 1933
 same data as above
 10263 }
 10245 } *G. terminalis* v. *purpurea* -
 Trail from Waimea to Upper Hanalei
 Ditch Sept. 3, 1933
 10246 *Asplenium corymbosum*
 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 Han Ditch Tr. IX/3/33
 10202 *Sporobolus elongatus* 9/2/33
 Waimea, Kohala Mts.
 10176 *Koehleria 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

{10216 *Veronica serpyllifolia*
{10220 *Hedyotis cuneifolia* v. *centranthoides*, 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 *Romopteris desora*
Vol. Rd. near Naalehu 8/31/33

10157 *Cyperus eriosoides*
Van Dyke St. Jc 8/31/33
Vol. Rd. not far below Maus. Kilauea

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

~~10209 *Eleocharis obtusa* (Willd.) Hitchc.
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

10204 *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. *anotata* HBK det. H.K.S.

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

10205 *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 Puaulu (Bird Park) Kilauea
8/30/33

10139 *Nototrichum sandwicense*
Kona Rd. bet lava flows of 1841-1907
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 1859 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 Ditch Trail near Keheua,
Kohala Mts. 9/2/33

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

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

10253 10254
Upper Hamakua Ditch Trail. 9/3/33

10264
Volcano Rd. 9 or 10 mi. below Kilauaea

10074

85

86 *Castilloa elastica*

Chain of Craters trail, Kilauea
Aug. 29, 1933

87 Pelea

88 *Astelia menziesii* km.

89

90 *Gouldia terminalis* var. *kapuensis* f. *subcapuensis*

91

92

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

10 *Hedyotis centranthoides*, v. *centranthoides* f. *centranthoides*

11 *Illex*

12 *Vaccinium reticulatum*

13

14 *Carex*

- 10115

Dubautia ciliolata

16

17

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

18 *Pteris vittata*

19

20 *Fragaria*

21 *Tibouchina semidesandra* (DC.) Cogn.

22

23

Kipuka Puauku

24

25 *Gouldia terminalis* var. *antiqua* f. *antiqua*

(continued notes for 10115)

10132 - 1933 - on road

on road in 1933 (pp. 2)

on road in 1933

Waikane Schofield Trail, Koolau Mts.
22 541-53

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

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

a

sea

sea

Lycium

a

u

chamissonis

Hauula, above Cooper Ranch, Koolau Mts.

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

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

10263 b } *Racciolipsis contracta*

Volcano Rd. 9 mi. above Hilo

9/6/33

10273 *Ligularia kaempferi*

S. & Z.

(get data from nat. arb. sheet)

Waikane Schofield Trail, Koolau Mts.
22 Sept 33

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

Heaia

- 97
- 98

~~Opauala~~ Ridge 2. of Helemanu Gulch,
(Poumoho Tr.), Koolau Mts. Paalaa, 9/24/33

- 99 *Santalum freycinetianum* var.

10300

01

10302

10310 a *Bazzania baldwinii* Nutt.

- 03 *Jouvilletia gaudichaudiana*
- 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

Hauula, above Cooper Ranch, Koolau Mts.

- 23 *Cyanea angustifolia*
- 24
- 25
- 26 *Scaevola gaudichaudiana*
- 27
- 28 *Scaevola mollis*
- 29 *Pittoa sp.*
- 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. K. Head & Molokai, Maunaloa 10/20/33

58 Gossypium tomentosum

Waimanalo Bay, Waimanalo

10/22/33

59 Nama sandwicensis

10346 a Trichomanes cyrtolthea

60 Vitis 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 (5th coll.)

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 kaalae

78 Gouldia terminalis var. mecotlyra

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

80 Scaevola gaudichaudiana f. leucocarpa

81

82

10347 a Labordia fagraeidea var. waianaeana Sheff

Kahana Valley, Koolau Mt₂.

10389 Solanum

90

91 Hibiscus arnothianus

92 Cladium meyenii

93

94

95

96

97 Lep

98

99 Lep

10400

01

02 Jouvillaea grandichaudiana

03 Scaevola

04

05 Scaevola

06 Scaevola mollis

07 Scaevola

08

09

10 Centella asiatica

11 Cyrtandra longifolia Hld. var. degenerans

12

13 Buddleia asiatica

14

15 Aphisomenus 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 ernodeoides v. brauseri

Same as 10429 above.

10450 Rubus hawaiiensis -

Same as 10429 above

10436 Pelee (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 Chamissoniana v. bracteosa

Olaa flume 12/10/33

10426 Scaevola Chamissoniana v. bracteosa

Olaa flume Hilo Dist. 12/10/33

f. englabra

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10478 *Hydrocotyle*
verticillata Thunb.

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

10429 *Vaccinium reticulatum*

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

10282 *Rhododendron*

Hilo 9/6/33

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

10450 *Rubus hawaiiensis* -

Same as 10429 above

10436 *Pilea* (same as below)

10423 *Dubautia scabra*

Puu Oo Trail above Olaa Fl.

12/10/33

10444 *Astelia menziesii*

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

10422 *Scaevola Chamissoniana* v. *bracteosa*

Olaa flume 12/10/33

10426 *Scaevola Chamissoniana* v. *bracteosa* -

Olaa flume Hilo Dist. 12/10/33

Kahana Valley, Koolau Mts.

10389 Solanum

(26/Nov)

90

91 Hibiscus arnothianus

92 Cladium meyenii

93

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97 Slep

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99 Slep

10400

01

02 Weinvillea guineensis

03 Scaevola

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05 Scaevola

06 Scaevola mollis

07 Scaevola

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09

10 Centella asiatica

11 Cyrtandra longifolia Hbd. var. degenerans

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13 Buddleia asiatica

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15 Aplismenus hirtellus

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Awehi Stream, above Hilo, Hawaii

Dec. 7, 1933

10422

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Gouldia terminalis var. glabra f. saglabra

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Gouldia terminalis var. glabra f. saglabra

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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. 7, 1933

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59 *Ilex*

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 *Joisvillea Gaudichaudiana*

10470 *Peperomia ~~Remyi~~ Cookiana*

Pluchea odorata (Awehi Stream)

Rosa chinensis var. *viridiflora*
Wils.

10500 *Aphloglossum pendulum*
10503 *Elaphoglossum gorgoneum*
Awehi Stream 12/17/33

10507

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09 *Pluchea odorata* (Awehi stream)

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11 *Rosa chinensis* var. *veridiflora*
vils

10500

Ophioglossum pendulum

10503

Elaphoglossum gorgoneum

Awehi stream 12/7/33

10482 *Sacciolepis contracta*

Awehi Str. above Hilo. XII/7/33

10447 *Vaccinium calycinum* f. *Fauriei*

Puna Pt. above Olaa Flume, Hilo D. 12/10/33.

10446 *Asplenium contiguum*

same as 10447

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

Awehi Stream above Hilo. 12/7/33

10505 *Cyanea*

10508 *Ilex*

10510 *Ilex*

Awehi Str. above Hilo. 12/7/33

10445

46 *Asplenium contiguum*

47

48

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

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55 *Cladium angustifolium*

56

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Hills above Aikaka 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 *Joerwillea Gaudichaudiana*

10470 *Peperomia ~~Remyi~~ Cookiana*

Prun ~~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*

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Makaha Valley, mouth.

10512

- 13 *Jaquemontia sandwicensis*
- 14
- 15 *Richardia tingitana*
- 16
- 17 *Atriplex semibaccata*
- 18 *Plumbago zeylanica*
- 19
- 20 *Achyranthes aspera*
- 21 *Sida*
- 22 *Tribulus cistoides*
- 24 *Lycium carolinianum* v. *sandwicense*

Kailua 7/22/33

25 *Paspalum*

Honolulu 4/7/33

26 *Abutilon*

27 *Jussiaea suffruticosa* var. *ligustrifolia*

28

~~Waiakole~~
 Waiakole

Honolulu

29 *Euphorbia heterophylla* var. *cyathophora*

30

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

Plants of the Hawaiian Islands

OAHU

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

Open ridge

Date 3 - 31 - 1935

Alt. 750 m.

Coll. F. R. Fosberg No. 10881

Det. A. D. Whitney

Remarks: Chumpo

Mt. Waiakole

Plants of the Hawaiian Islands

OAHU

Eragrostis grandis Villois.
var. *polyantha* Villois.
Loc. Puu. Hauwili Puu Kaala ridge
Hab. Waianae Mts. Matakahu - Waianae
Hau

Date 3 - 31 - 1935

Alt. 780 m.

Coll. F. R. Fosberg No. 10881

Det. A. D. Whitney

Remarks: clumps

9705 *Echinochloa colorem*
Koko Hd. Crat. above Hanalei
Bay. Maunaloa 7/13/33

9704 *Marsilea villosa*
(same loc)

Makaha Valley, mouth.

10512

- 13 *Jacquemontia sandwicensis*
- 14 *Richardia tingitana*
- 16
- 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 *Liriodendron*

Honolulu 4/2/33

26 *Abutilon*

27 *Jussiaea suffruticosa* var. *ligustrifolia*

28

~~Kahuku~~
Waiahole

Honolulu

29 *Euphorbia heterophylla* var. *cyathophora*

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10535

- 35 *Cordia subcordata*
- 36 *Muntingia calabura*
- 37 *Enterolobium cyclocarpum*
- 38 *Heliotropium anethumifolium*
- 39
- 40 *Wallacodendron celebicum*
- 41 *Lagerstroemia speciosa*
- 42
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- 44
- 45 *Cordia sebastena*
- 46

Kahuku

47

Waiahole, Koolau Mts.

48 *Hydnocarpus kurzii*

49

Honolulu

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Honolulu
 86 *Artabotrys uncinatus*
 87
 88
 89 *Persea americana*
 90

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, Waianae Mts, ~~Hawaii~~ ^{Waiagnazuka}

- 08 Phyllanthus sandwicensis var. oblongifolius
- 09 Ageratum conyzoides

Continued from Book G p. 145²

7090

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- 92

10571 *... hems trachysanthus*

71

10562 *Trapphalium purpureum*

63 *Molokoke per*
Fimbristylis cymosa Pyramid Rock, Molokai 10564 3/25/33
 same loc.
Pyrenocéphala 133

10258 *Thespesia populneae*

Popoia Is. Tahiti

57 *Fimbristylis cymosa*

Popoia

10559 *Argemone alba*

Pyramid Rock 3/25/33

10570 *Opalis corniculata*

Molokoke per

10575 *Dipochaeta integrifolia* ditto 3/25/33

10285 *Ipomoea sandwicensis*

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- 17
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same

10562 Gnaphalium purpureum

63 ^{Mokabeu pen.}
Fimbristylis cymosa Pyramid Rock, Mole Pan
10564 3/25/33

10558 Thespesia populnea

Papua de. New Guinea

57 Fimbristylis cymosa
Papua

10559 Argemone alba
Pyramid Rock 3/25/33

10563 Opuntia commutata

Mokabeu pen.

10575 Lepochactis integrifolia ditto

10564
7. cymosa var. pygmaecephala
same loc.
3/26/33

10588 *Heliotropium curassavicum*
Popoia Island

Kailua 1/28/34.

11583 *Lonchoclerus* *oleraceus* Popoia I. Kailua

10550 *ipohiata integrifolia* ditto 3/24/33

10561 *Reichardia tinigiana*

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

10580 *Heliotropium ~~argenteum~~ var. argenteum*
Popoia I. Kailua 3/24/33

- 10563 *Euphorbia degeneri* Shaff

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

10571 *Cyperus trachysanthus*
Kailua 3/26/33

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

10557 *Fimbristylis cymosa*
Kailua 3/26/33

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

10566 *Boerhaavia* -
same as above

10567 *Fimbristylis cymosa* -
same -

10571 *Cyperus trachysanthus*
Kailua 3/26/33

10576 *Sicyos*
same as 10568 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, Pub. St. Catalina Is. L.G. Co.

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52 Quercus Macdonaldii 12/10/31 Pebble Beach, San. J. Ft. " " "

53

54

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

7156 Artemisia californica 12/10/31 Pebble Beach Can. Sta. Catalina Is.

57

58

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

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

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

67 Sarathea assurgentiflora 5/22/31 Bird Rock, Johnson H. " " "

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CRB

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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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Quercus dumosa 3/2/32 Kern Co. Luddy Can. Fresno Mt. Pal.

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Quercus dumosa 3/3/32 Kern Co. Luddy Can. Fresno Mt. Pal.

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Quercus wislizenii 4/1/32

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 ^{5.9} Museum series.

Beginning with date of 75 leaving L.A. Museum -

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 5 mi. w. Sells, Pima Co. ^{Arizona}
- 34 *Euphorbia pedunculifera* 3/31/32 Gunsight Pk. Pima Co.
- 35 *Ditaxis lanceolata* " " "
- 36 *Erodium texanum* 4/7/32 5 mi. sw. Tucson, Pima Co.
- 37
- 38
- 39 *Cowania stansburiana* 4/4/32 Nogales, Santa Cruz Co.
- 40
- 41 *Sisymbrium ^{brachycarpum} ~~pinnatum~~* 4/4/32 15 mi. n. Magdalena ^{Sonora, Mexico}
- 42
- 43 *Sisymbrium ^{brachycarpum} ~~pinnatum~~* 4/5/32 " " "
- 44
- 45 *Lepidium Thunbergii* 4/4/32 25 mi. n. Nogales, Sta. Cruz Co. ^{Arizona}
- 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 ^{v. utahensis} ~~filmeri~~* 4/1/32 Gunsight Pass " "
- 50 *Caulanthus lasiophyllus* " " "
- 51 *Thysanocarpus laciniatus* 4/2/32 10 mi. n.e. Sells, " "
- 52 *Sisymbrium pinnatum* 4/2/32 2 mi. e. " "
- 53 *Lepidium ^{v. wislizenii} ~~laciniatum~~* 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* 4/2/32 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 *Calyptridium monandrum* 4/6/32 ^{Arizona, Santa Cruz Co.} e. slope Tumacacori Mts.
- 70 *Calyptridium monandrum* 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* 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 ^{Arizona, Santa Cruz Co.} e. slope Tumacacori Mts.
- 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. Wallton, Yuma Co.
- 81
- 82 *Eriogonum deserticola* 4/9/32 ^{Imperial Co. California} 20 mi. e. Holtville
- 83 *Eriogonum deserticola* 4/9/32 5 mi. n. Kane Lps.
- 84
- 85 *Chorizanthe rigida* 3/31/32 ^{Arizona} Wallton, Yuma Co.
- 86 *Eriogonum Watsonii* " Mohawk, "
- 87 *Eriogonum 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.
- 91
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- 93
- 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* 4/4/32 Tumacacori Mts. Sta. Cruz Co.
- 02 *Astragalus arizonicus* 4/4/32 Nogales, "
- 03 ~~Lotus~~
- 04
- 05 *Lotus mollis* 4/6/32 Tumacacori Mts. Sta. Cruz Co.
- 06
- 07
- 08 *Lotus tripermus* 4/5/32 ^{Sonora, Mexico} 15 mi. n. Magdalena
- 09 *Calliandra eriophylla* 4/6/32 ^{Arizona} Twin Buttes, Sta. Cruz Co.
- 10 *Lotus tripermus* 4/6/32 " " "
- 11 *Astragalus playanus* 4/5/32 ^{Sonora, Mexico} 15 mi. n. Magdalena
- 12 *Quercus dumosa* var. *macdonaldii* " ^{Calif. Sta. Barbara Co.} 1/2 way bet. Prisoners H. & ranch Palmyra
- 13 *Quercus dumosa* v. *macdonaldii* " " "
- 14 ~~Cercocarpus betuloides~~
- Santa Cruz Island, Santa Barbara Co. Calif.
- 14 *Cercocarpus betuloides* 3/27/32 Prisoners Harbor
- 15 *Quercus dumosa* " 1/2 way bet. ranch & Prisoners H.
- 16 *Phacelia viscida* 3/20/32 Smugglers Cove
- 17
- 18 *Mirabilis californicus* 3/21/32 " "
- 19 *Lisymbium pinnatum* 3/20/32 " "
- 20

7521

- 22 Gilia 3/20/32 Hungry Man's gulch
- 23 Baeria chrysostroma v. gracilis 3/20/32 " " "
- 24 Orthocarpus densiflorus " " " "
- 25
- 26 Lepidium nitidum " " " "
- 27 Cogswellia utriculata ^{(Kearney) Jones} " " " "
- 28 Trifolium amplexans ^{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 ~~puberula~~ ^{deffroyana} " " " "
- 37 Lupinus succulentus " " " "
- 38 Phacelia ~~distans~~ ^{var. ramosissima} var. subsinuata " " " "

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Santa Cruz Island, Santa Barbara Co.

- 7554 Chenopodium californicum 3/21/32 Prisoners Harbor
- 55 Platystemon californicus " " "
- 56
- 57
- 58 Quercus dumosa var. macdonaldii 3/23/32 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
- 64
- 65
- 66
- 67 Pinus remorata 3/6/32 Prisoners Harbor
- 68 Coreopsis gigantea 3/6/32 " "
- 69 Ceanothus megacarpus v. insularis " " "
- 70 Solanum Clokeyi " " "
- 71 Dryopteris arguta " " "
- 72 Adiantum " " "
- 73 Quercus ~~distans~~ ^{agrifolia} " " "
- 74
- 75 Stellaria nitens " " "
- 76 Quercus dumosa " " "
- 77 Ceanothus arboreus " " "
- 78
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- 80
- 81 Polypodium vulgare var. " " "
- 82
- 83 Dentaria integrifolia v. californica " " "
- 84 Echinocystis macrocarpa " " "
- 85 Saxifraga californica " " "
- 86 Montia perfoliata " " "

7572 Quercus dumosa
 Prisoners Harbor
 3/16/32
 7572 Quercus agrifolia
 3/16/32

- 75 87 *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 Harbor 3/23/32
- 95
- 96 *Quercus tomentella* 2nd. Can. w. Prisoners Harbor
- 97
- 98
- 99 *Mimulus puniceus* ~~3/23/32~~ 2nd can. w. Prisoners Harbor
- 76 00 *Stellaria nitens* hills above " "
- 01
- 02
- 03 *Lycorhannus floribundus* v. *asplenifolia* 2nd can. w. " "
- 04 *Cercocarpus betuloides* " " " " "
- 04 *Dendromecon rigida* v. *Harfordii* " " " " "
- 05
- 06 *Mimulus guttatus* (nasutus acc. Pennell) " " " " "
- 07
- 08
- 09 *Melica imperfecta* 3/21/32 Smugglers Cove
- 10 *Stipa pulchra* " " " " "
- 11 *Castilleja parviflora* v. *Douglasii* " " " " "
- 12 *Apiastrum angustifolium* " " " " "
- 13
- 14
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- 17
- 18 *Lotus strigosus* " " " " "
- 19 *Bowlesia incana* " " " " "

7-73 a *Quercus dumosa*
 3/23/32 can. Prisoners Harbor
 # 100

7600 a *Quercus agrifolia*
 3/23/32 Prisoners Harbor
 # 100

- 76 20 *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 guttatus* (nasutus acc. Pennell) 3/21/32 Can. 1 mi. e. Twin Harbors
- 38 *Phacelia viscida* " " " w. Pelican Bay
- 39 *Eschscholtzia californica* " " " " "
- 40 *Eschscholtzia californica* " " " " "
- 41 *Calandrinia Brewerii* " " " " "
- 42
- 43 *Tillaea erecta* " Pelican Bay
- 44 *Lotus subpinnatus* " " " "
- 45 *Mimulus guttatus* (nasutus acc. Pennell) can. above Twin Harbors
- 46 *Layia platyglossa* " Hills e. " "
- 47 *Lotus salsuginosus* " " " "
- 48 *Trifolium microcephalum* " Hills around " "
- 49 *Pellaea mucronata* " Can. e. " "
- 50 *Orthocarpus densiflorus* " Hills " "
- 51 *Trifolium tridentatum* " " " "
- 52 *Linaria canadensis* var. *texana* " Hills e. " "
- 53 *Poa scabrella* " " " " "

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54

~~Linum catharticum~~

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

57 Lupinus bicolor " " "

58 ~~Lotus~~ Logswellia utriculata (Greene) Jones " " "

59 Scutellaria tuberosa " frutescens " "

60

61

62 Pityrogramma triangularis " " " "

63

64 Memphila aurita " " " "

65 Erigeron glauca " bluffs " "

* 66 Galium catalinense " " " "

67 Memphila racemosa 3/26/32 " " "

* 68 Galium aparine 3/25/32 " " "

69 Cerastium viscosum 3/26/32 " " "

70 Cardionema ramosissimum " " "

71 Mimulus longiflorus " " "

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

73 Lupinus truncatus " " "

74 Gilia " " "

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77 Lotus scoparius v. dendroideus " " "

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82 Parietaria 3/24/32 Bluffs w. Pelican Bay

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

84

85 Eriophyllum staechadifolium " " "

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

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

7688 Quercus dumosa 3/23/32 Prisoners Harbor

7689 Viola pedunculata 3/24/32 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 s. 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 4/4/32 " " "

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 California, Imperial Co.

- 7724 Dalea 4/7/32 Vail Pima Co.
- 25 4/9/32 ^{w. Snapping Sp. Mts.} Sonoita Valley " "
- 26 Krameria canescens 4/9/32 Wellton, Yuma
- 27
- 28
- 29 Dalea ^{Greggii} ~~Greggii~~ ^{ay} 4/3/32 ^{foothills Baboquivari mts} 10 mi. n.e. Sells, Pima Co.
- 30 Astragalus Nuttallianus " " " "
- 31
- 32 Lupinus sparsiflorus v. arizonicus 4/5/32 ^{Sonora, Mexico} 15 mi. n. Magdalena
- 33
- 34
- 35 Oenothera claviformis 4/7/32 ^{Arizona} 5 mi. n.e. Sells, Pima Co.
- 36 Oenothera caespitosa v. marginata 4/6/32 ^{Sta Cruz Co.} s. of 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. Sells " "
- 40 Oenothera claviformis " 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. Sells, " "

58 on orig label

- 7758 Abutilon Newberryi 4/2/32 5 mi. w. Sells Pima Co.
- 59 Abutilon crispum " " " "
- 60 Sphaeralcea Coulteri 4/1/32 Gunsight Pass, " "
- 61 Sphaeralcea laxa 4/4/32 ^{near Calles} 8 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. Sells " "
- 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. Sells, Pima Co.
- 82 Gilia inconspicua 4/6/32 ^{Arizona} s. of Tumacacori Mts. Sta Cruz Co.
- 83
- 84 Gilia aurea 4/3/32 ^{foothills of Baboquivari mts.} 12 mi. n.e. Sells, Pima Co.
- 85 Gilia Thurberi 4/3/32 15 " " " "
- 86 Gilia ^{eremica v. jagari} ~~insectata~~ 4/3/32 " " " "
- 87 Gilia ^{eremica v. jagari} ~~insectata~~ 4/5/32 ^{Sonora, Mexico} 15 mi. n. Magdalena
- 88
- 89
- 90 Evolvulus arizonicus " " " "

Mexico - Arizona

- 7791 *Asclepias* ^{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* ^{maxill. Haller}
- 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 Pass, 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 ^{Sonora, Mexico} s. e. Vail
- 07 *Phoradendron californicum* 4/5/32 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.} s. 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.

~~Arizona~~ Mexico - Arizona - California 87

- 7825 *Aristida adscensivis* 4/5/32 ^{Sonora} 15 mi. n. Magdalena
- 26
- 27 *Muhlenbergia arizonica* ^{Arizona}
- 28 *Poa Bigalovii* 4/3/32 5 mi. n. Vail, Pima Co.
- 29 *Triodia pulchella* 3/31/32 Mohawk, Yuma California, 7 miles
- 30 *Aristida Fendleri* 10 mi. e. Holtville
- 31 *Notholaena Hookeri* 4/3/32 ^{Arizona} 10 mi. e. Wells, Pima Co.
- 32 *Pellaea mucronata*
- 33 *Cheilanthes* 8 " n. Vail
- 34
- 35 *Cheilanthes Lindheimeri* 4/3/32 10 " s. 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 *Dysodia prophyllodes* 4/3/32 ^{Drifting Spr. 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. Wells, 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 *Erysodia Hartwegii* 4/7/32 Vail
- 67
- 68 *Senecio salignus* DC. 4/5/32 Sonora, Mexico
- 69 *Franseria deltoidea* 4/3/32 25 mi. s. Nogales, Arizona
- 70 *Zinnia pumila* 4/7/32 5 mi. s.w. Tucson, Pima Co.
- 71
- 72 *Chaenactis Fremonti* 4/8/32 Sonoita V. Pima Co.
- 73 *Franseria dumosa* 4/8/32
- 74 *Haplopappus ~~scabellus~~ ^{spimulosus var. scabellus}*
- 75 *Encelia farinosa*
- 76 *Baileya multiradiata*
- 77 *Franseria deltoidea*
- 78 *Hoffmeisteria plurisetata* 4/9/32 California, 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. Wells, Pima Co.
- 87 *Franseria ambrosioides* 4/3/32 Sonoita Valley
- 88 *Rafinesquia neo-mexicana* 4/2/32 5 mi. w. Wells
- 89
- 90 *Plantago spinulosa* var. *oblonga* 4/5/32 Sonora, Mexico 15 mi. n. Magdalena
- 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, California, Imperial Co.
- 95 *Plantago insularis* var. *fastigiata* 3/31/32 10 mi. e. Holtville, Arizona
- 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. Sonora, Mexico
- 01 *Carlownightia arizonica* 4/5/32 15 mi. n. Magdalena
- 02
- 03 *Anisacanthus Thunbergii* 4/8/32 Arizona 10 mi. n.e. Wells, Pima Co.
- 04 *Beloperone californica* 4/8/32 Sonoita Valley
- 05 *Penstemon ~~pumilus~~ ^{Parrisi}* 4/1/32 Covered Wells
- 06 *Penstemon ~~pumilus~~ ^{Parrisi}* 4/4/32 c. st. Tumacacori Mts. Ariz. Co.
- 07 *Orthocarpus purpurascens* 4/2/32 10 mi. n.e. Wells, Pima Co.
- 08 *Castilleja lanata* 4/4/32 Nogales, Sta. Cruz
- 09 *Penstemon ~~pumilus~~ ^{Parrisi}* 4/1/32 Gunsight Pass, Pima Co.
- 10 *Verbena ciliata* Covered Wells
- 11 *Verbena ciliata* 4/5/32 Sonora, Mexico 15 mi. n. Magdalena
- 12 *Verbena ciliata* 4/4/32 Arizona c. st. Tumacacori Mts. Ariz. Co.
- 13
- 14 *Salvia columbariae* 4/1/32 Covered Wells, Pima Co.
- 15 *Salvia columbariae* 4/2/32 10 mi. n.e. Wells
- 16 *Hyptis Emoryi* 4/8/32 Sonoita Valley
- 17 *Hyptis Emoryi* 4/1/32 Gunsight Peak
- 18 *Salvia columbariae* 4/8/32 Sonoita Valley, Sonora, Mexico
- 19 *Teucrium laciniatum* 4/5/32 15 mi. n. Magdalena
- 20 *Lycium escentum* Arizona
- 21 *Lycium Parshii* 4/8/32 Gunsight Peak, Pima Co.
- 22
- 23 *Lycium macrodon* 4/1/32 Covered Wells
- 24 *Physalis lobata* 4/2/32 5 mi. s.w. Tucson, Sonora, Mexico
- 25 *Phacelia ~~arizonica~~ ^{Popei var.}* 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 Oligomeris linifolia " " " " " "

42

43 Astragalus Coulteri California, San Bernardino Co. 4/2 Xilichs 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 tugrophylla " " " " " "

51 Ephedra californica " " " " " "

52 Senecio Douglasii v. maculatus " " " " " "

53 (Aulospermum) panamintense Co. P. var. acutifolius " " " " " "

54 Phlox Coulteri " " " " " "

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

56

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

59

60 Mentzelia multiflora " " " " " "

San Bernardino Co.

7961 Notholaena Parryi 4/23/32 w. end Sheep Hole mts.

62 Trichoptilium incisum " " " " " "

63 Galium stellatum v. eremitanum " " " " " "

64 Trixis californica " " " " " "

65 Hofmeisteria pluriseta " " " " " "

66 Peucephyllum Schottii " " " " " "

67 Aristida adscensionis " " " " " "

68 Belbia juncea " " " " " "

69

70

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

72 Salvia leucophylla 4/17/32 Ventura Co. Pinn G. 3 mi. above Pinn

73

74 Convolvulus occidentalis v. cyclostegius " " " " " "

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* 4/18/32 Ventura Co. Matilija Can.
- 96 *Stachys californica* " Santa Barbara Co. Carpinteria
- 97 *Quercus lobata* " Ventura Co. Camp Comfort, Ojai V.
- 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 *Brandegea Bigelovii* " " " " " "
- 21 *Hyptis Emoryi* " " " " " "
- 22 *Hyptis Emoryi* " " " " " "
- 23 *Larrea divaricata* " " " " " "
- 24 *Sphaeralcea ambigua* v. *Kochii* " " " " " "
- 25
- 26 *Eriogonum uniforme* " " " " " "
- 27 *Eriogonum inflatum* " " " " " "
- 28 *Salvia columbariae* " " " " " "

California

- 8029 *Lepidium Fremontii* 4/24/32 San Bernardino Co. w. end Sheep Hole Mts.
- 30 *Eriogonum fasciculatum* ^{fl. flavoide} " " " "
- 31 *Triodia pulchella* 4/27/32 " " " "
- 32 *Dithyrea californica* 4/22/32 Old Woman Springs
- 33 *Sisymbrium brachycarpum* " " " "
- 34 *Baccharis glutinosa* " " " "
- 35
- 36 *Chilopsis linearis* v. *arcuata*? " " " "
- 37 *Coleogyne ramosissima* 4/23/32 Mojave Desert 10 mi. n. Windmill
- 38 *Sphaeralcea ambigua* ^{sub. rugosa?} " " " "
- 39 *Eriogonum pusillum* " " " "
- 40 *Mentzelia graucantha* v. *Veatchiana* " " " "
- 41 *Oryzopsis hymenoides* " near Richs Well, 15 mi. n. Old Woman Spr.
- 42 *Chaenactis Fremontii* " " " "
- 43 *Layia glandulosa* " " " "
- 44 *Hilaria rigida* " " " "
- 45
- 46 *Aster tortifolius* " " " "
- 47 *Chorizanthe bevicornu* " " " "
- 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 bevicaulis* " " " "

- 3061 *Collinsia bicolor* (heterophylla var. pennellii) Los Angeles Co. n. base San Pedro Hills 3/28/32
- 62
- 63 *Orthocarpus purpurascens* " El Segundo
- 64
- 65
- 66 *Chorizanthe brevicornis* 3/13/32 Riversaid Co. Thousand Palms C. Coachella
- 67 *Chorizanthe rigida* " " " "
- 68 *Encelia farinosa* " " " "
- 69
- 70 *Eriogonum thomasi* " " " "
- 71
- 72 *Eriogonum minutiflorum* " " " "
- 73 *Franeria dumosa* " " " "
- 74 *Lupinus sparsiflorus* " " " "
- 75 *Bouteloua aristidoides* " " " "
- 76 *Plantago insularis* v. fastigiata " " " "
- 77 *Dalea mollis* v. mollissima " " " "
- 78 *Achyrocline Cooperi* " " " "
- 79
- 80 *Scirpus Olneyi* " " " "
- 81 *Washingtonia filifera* " " " "
- 82
- 83
- 84 *Antirrhinum filipes* " " " "
- 85 *Abronia villosa* v. aurita " " " "
- 86 *Baileya pauciradiata* " " " "
- 87 *Atriplex hymenelytra* " " " "
- 88 *Gerardia canescens* " " " "
- 89 *Phoradendron californicum* " " " "
- 90 *Hymenoclea salsola* " " " "
- 91 *Pluchea sericea* " " " "
- 92 *Oenothera deltoidea* " " " "
- 93 *Palafoxia linearis* " " " "

- 3094 *Oenothera decorticans* v. desertorum 3/13/32 Riversaid Co. Thousand Palms C. Coachella
- 95 *Monoptilon bellioides* " " " "
- 96 *Oenothera claviformis* " " " "
- 97 *Malvastrum rotundifolium* " " " "
- 98 *Oenothera hirta* ^{var. 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~~ *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 *Oenothera arborea* " " " "
- 27 *Rayoflexus arguta* " " " "

California

- 8128 *Castilleja foliolosa* Santa Catalina I. Los Angeles Co. 5/6/32 Big Wash Can. Avalon
- 29
- 30 *Delphinium larryi*
- 31
- 32
- 33 *Scrophularia californica* ^{villosa v. catalina}
- 34
- 35
- 36 *Lupinus excubitus* .. Coach rd. above Hamilton Can.
- 37 *Prunus Lyoni* 5/7/32
- 38 *Convolvulus occidentalis* ^{v. caryophyllus}
- 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
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- 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 summit of Coach Rd.
- 66 *Plantago* ^{Hordeniana} ^{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. parviflora}
- 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* 4/27/32
- 79 *Delphinium Parishii* 4/23/32 15 mi. e.
- 80 *Cassia armata*
- 81 *Eschscholtzia minutiflora*
- 82 *Hesperocallis undulata* 4/24/32 Twenty Nine Palms
- 83
- 84 *Lueda Moquini* 5/9/32 Riverside Co. Perris
- 85 5/19/32 Los Angeles Co. San Dimas Can.
- 86 *Solanum Xanti* v. *intermedium*
- 87 *Hemizonia fasciculata* 5/9/32 Riverside Co. Perris
- 88
- 89 *Haplopappus Palmeri* ^{sp. pachylepis} 5/21/32 San Bernardino Co. Mojave R. Victorville
- 90 *Mirabilis californica* v. *aspera* .. 12 mi. e.
- 91 *Haplopappus Palmeri*, ^{sp. 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
- 01 ~~*Chrysopsis*~~ 5/21/32 Victorville
- ~~02 *Eurotia lanata* 5/21/32 w. end Ord Mts.~~
- 02
- 03 *Oryzopsis hymenoides* 5/22/32 Rancho Verde, Victorville
- 04 *Brihelia atrachyloides*? *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. *pachylopis* 5/22/32 w. end Ord Mts.
- 10 *Eriogonum fasciculatum* v. *polifolium* " " " "
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- 12
- 13 *Coreopsis Bigelovii* " " " "
- 14 *Dryodina Cooperi* " " " "
- 15
- 16 *Coleogyne ramosissima* " " " "
- 17
- 18 *Ephedra nevadensis* " " " "
- 19 *Ephedra viridis* " " " "
- 20 *Salazaria mexicana* " " " "
- 21 *Platystemon californicus* v. *gracilis* " " " "
- 22
- 23 *Acaemtopappus sphaerocephalus* " " " "
- 24
- 25 *Stephanomeria Parryi* " " " "
- 26 *Stillingia linearifolia* " " " "
- 27 *Stanleya pinnata* " " " "
- 28 *Caulanthus inflatus* " " " "

- 8229 *Stephanomeria uncinata* v. *myriodala* 5/22/32 San Bernardino Co. w. base Ord Mts.
- 30 *Allium fimbriatum* " " " "
- 31 *Echeveria saxosa* " " " "
- 32 *Aster tortifolius* " " " "
- 33
- 34 *Castilleja* ~~*angustifolia*~~ *chromosa* " " " "
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- 39 *Quercus dumosa* 6/3/32 San Bern. Co. head of Lone Pine can.
- 40 *Quercus dumosa* " " " "
- 41
- 42 *Purshia glandulosa* 6/8/32 San Bernardino Co. head of Lone Pine C. San J. Mts.
- 43 *Amelanchier alnifolia* " " " "
- 44
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- 47
- 48 *Populus Fremontii* 5/29/32 San Diego Co. Cane Breaks can.
- 49 *Anemopsis californica* " " " "
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- 62 *Quercus dumosa* 6/6/32 Near Julian, San Diego Co.

- 8263 *Quercus dumosa* 6/6/32 near Julian, San Diego Co.
- 64 *Quercus dumosa* 6/5/32 San Diego Co. Cal. 76 "The Rim" Montezuma V.
- 65 *Quercus dumosa* ?
- 66 *Quercus kelloggii* 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 *Calyptridium 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* 6/30/32 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 *Elaeochloa montana* 5/29/32 Cane Brakes Can.

- 8297 *Carex olma* 6/5/32 San Diego Co. Julian
- 98 *Sitanion jubatum* 10 mi. n.w. Warner's Hot Spr.
- 99
- 8300 *Stipa lepidota* 6/6/32 Buckman Spr. Mexico, Baja Calif.
- 01 *Aristida adscensionis* 5/29/32 Banded Agate Mt. Calif. San Diego Co.
- 02 *Lyrobolus 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* 6/5/32 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* 6/5/32 Oak Grove
- 24 *Adenostoma fasciculatum* 5/30/32 Mexico, Baja Calif. Vallecito
- 25 *Cercocarpus* 6/5/32 Calif. San Diego Co. Montezuma Valley
- 26 *Prunus Fremontii*
- 27 *Potentilla norvegica* v. *hirsuta* Julian
- 28
- 29

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

- 8364 *Rhamnus crocea* 5/30/32 ^{Baja California} Valle Redondo
- 65
- 66 *Sphaeralcea ambigua* 4/5/32 ^{California San Diego Co.} Oak Grove
- 67
- 68 *Malvastrum densiflorum* ^{v. viciiflorum} 5/28/32 ^{Mexico, Baja Calif.} Valle Redondo
- 69
- 70 *Sidalcea malvaeflora* 4/5/32 ^{Calif. San Diego Co.} Julian
- 71 *Godetia quadrivulnera* " "
- 72 *Oenothera bistorta* v. *verticillata* " Oak Grove
- 73 *Godetia quadrivulnera* " Julian
- 74 *Oenothera micrantha* ~~aff. Jepsii~~ 4/6/32 Pine Valley
- 75 *Oenothera micrantha* v. *Jonesii* " Buckman Mts.
- 76 *Deweya arguta*
- 77 *Aspiastrum angustifolium*
- 78 *Cogswellia dacycarpa* (7.9.) Jeps Julian
- 79 *Lanicula bipinnatifida* Dougl.
- 80 *Lanicula tuberosa* Torr.
- 81 *Ephedra californica* 5/30/32 ^{Mexico, Baja Calif.} Valle Redondo
- 82 *Gastroidium ventricosum* " " "
- 83 *Eleocharis palustris* " " "
- 84
- 85 *Juncus canaliculatus* " " "
- 86 *Juncus balticus* " " "
- 87 *Calochortus Weeldii* " " "
- 88 *Chlorogalum parviflorum* " " "
- 89 *Apocynum cannabinum* 5/28/32 ^{Calif. San Diego Co.} Vallecito
- 90 *Nicotiana Bigelovii* 4/5/32 Oak Grove
- 91 *Nicotiana attenuata* 4/6/32 Buckman Mts.
- 92
- 93
- 94
- 95
- 96 *Trichostema lanatum* ^{v. demudatum} 5/30/32 ^{Mexico, Baja Calif.} Tecate
- 97 *Salvia apiana* " "

- 8398 *Monardella lanceolata* 4/6/32 San Diego Co. Carrizo
- 99 *Trichostema lanatum* v. *denudatum* " Pine Valley
- 8400 *Eriodictyon trichocalyx* v. *lanatum* " Fel. Campos + Potrero
- 01 *Eriodictyon trichocalyx* v. *lanatum* " Campos Valley
- 02 *Eriodictyon Parryi* " Pine Valley
- 03
- 04 *Emenanthe penduliflora* " Buckman Spr.
- 05 *Eriodictyon Parryi* 4/5/32 10 mi. n.w. Warner's 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
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- 15 *Gilia lutea* " Pine Valley
- 16 *Cuscuta* - 5/29/32 Canebrakes 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 *Nemacladus longiflorus* 6/6/32 Buckman Spr.
- 22 *Nemacladus ramosissimus* v. *pinnatifidus* " " "
- x 23 *Galium angustifolium* 5/30/32 Mexico, Baja Calif. Tecate
- x 24 *Galium angustifolium* " " California, San Diego Co.
- x 25 *Galium angustifolium* 6/5/32 10 mi. n.w. Warner's H.S.
- x 26 *Galium angustifolium* 6/5/32 Oak Grove
- 27 *Cucurbita palmata* 5/29/32 Canebrakes C.
- x 28 *Galium Andrewsii* 4/5/32 10 mi. n.w. Warner's H.S.
- 29 *Chilopsis linearis* v. *arcuata* 5/29/32 Canebrakes C.
- 30 *Mimulus floribundus* 5/28/32 10 mi. n.w. Warner's H.S.

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

- 3465 Chaenactis glabrescens Baja Calif. Tecate 5/30/32
- 66 Eriophyllum confertiflorum California, San Diego 4/5/32 10 mi. n.w. Warner H.S.
- 67 Eriophyllum confertiflorum Mexico, Baja Calif. Tecate 5/30/32
- 68
- 69 Chaenactis artemisiifolia California, San Diego Co. 6/6/32 Buckman Spr.
- 70
- 71 Drysodia prophyloides 5/30/32 Mountain Spr. grade
- 72 Encelia frutescens v. Actonii 6/5/32 Montezuma V.
- 73 Encelia frutescens v. Actonii " 10 mi. n.w. Warner H.S.
- 74 Wyethia ovata 6/6/32 Julian
- 75 Geraclea viscida Bet. Camps Potrero Mexico, Baja Calif.
- 76 Viguiera laciniata 5/30/32 Valle Redondo California, San Diego Co.
- 77 Viguiera laciniata 6/6/32 Barrett Mexico, Baja Calif.
- 78 Helianthus gracilentus 5/30/32 Tecate California, San Diego Co.
- 79 Pentachosta 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 Gnaphalium 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

- 3498 Pseudotsuga macrocarpa 4/19/32 San Antonio C. Los Angeles Co.
- 99 Pellaea mucronata 6/19/32 Baldwin Lake San Bernardino Co.
- 8500 Ephedra viridis " " "
- 01
- 02
- 03
- 04 Carex alba Los Angeles Co. 6/18/32 Camp Baldy
- 05 Poa longiligula San Bernardino Co. 6/19/32 Baldwin Lake
- 06 ~~Poa~~ Koeleria cristata Los Angeles Co. 6/18/32 Camp Baldy
- 07 Melica stricta San Bernardino Co. 6/19/32 Baldwin Lake
- 08 Bromus subvelutinus " " "
- 09 Bromus grandis Los Angeles Co. 6/18/32 San Antonio C.
- 10 Litanion hystrix San Bernardino Co. 6/18/32 Baldwin Lake
- 11 Litanion jubatum " " "
- 12 Elymus glaucus Los Angeles Co. 6/18/32 Camp Baldy
- 13 Stipa coronata " " "
- 14 Oryzopsis hymenoides San Bernardino Co. 6/19/32 Baldwin Lake
- 15 Allium bicepstrum " Johnston grade
- 16 Prunus emarginatus " Head of Deep Creek
- 17
- 18
- 19
- 20 Eriogonum gracillimum 6/14/32 Lucerne Valley
- 21
- 22 Eriogonum angulosum v. maculatum " " "
- 23
- 24 Eriogonum vidularium 6/15/32 Ord mts.
- 25 Chorizanthe perfoliata 6/19/32 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. 6/15/32 s.e. Ord Mts.

California

- 8537 *Lepidium virginicum* ^{v. pubescens} 6/13/32 Los Angeles Co. San Antonio C.
- 38 *Umbellularia californica* 6/13/32 Los Angeles Co.
- 39
- 40
- 41
- 42
- 43
- 44
- 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 laevospermum* 6/19/32 Baldwin Lake
- 49
- 50 *Fremontia californica* Johnston grade
- 51 *Fremontia californica* Baldwin Lake
- 52
- 53
- 54 *Arctostaphylos glauca* 6/10/32 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* San Bernardino Co.
- 60 *Sarcodes sanguinea* 6/19/32 Bear Valley
- 61
- 62 6/14/32 s. Ord mt.
- 63 " 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

California

- 8577 *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 glabrescens* 6/19/32 Baldwin L.
- 78a *Eriophyllum confertifolium*
- 79
- 80 *Erigeron concinnus* v. *condensatus*
- 81 *Erigeron divergens*
- 82 *Iva axillaris*
- 83 *Cirsium californicum* Los Angeles Co. 6/19/32 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. Warner's? Los Angeles Co.
- 86 *Juncus rugulosus* 7/17/32 San Antonio C.
- 87 *Lolium kentii* 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
 missing with
 ? *Hemizonia* in
 at 8958

8605

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07

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

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26 *Podistena nevadensis* (Gray) Wats.

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36 *Druideophytum Parishii* C. & R.

112

113

B&PN:667

