

INTRODUCTION

I made my first botanizing trip to Catalina in 1960. "A California Flora" by P. Munz was my field flora. A few years later I found Millsbaugh's "Flora of Catalina" (1923) in a used-book store. I used this old flora until 1967 when R. Thorne's "Flora of Santa Catalina" was published in the journal *Aliso*. This flora is still the best reference on Catalina botany. The only problem is that it is difficult to obtain a copy of the flora.

There has been an increased interest in Catalina natural history during the last few years. This is primarily due to the activities of the Catalina Conservancy, their Department of Conservation & Education and their enthusiastic & knowledgeable naturalist, Terry Martin. Because of this increased interest this check list should prove useful.

The major references used in making this check list were Thorne's Catalina flora and the Southern California Flora by P. Munz. Other reference used are listed on page 37. A look at the table of contents shows that this check list is more than just a list of plant names.

There are 4 columns of information after the name of the species. Column #1 gives the type of plant and is marked with a "⊙" if the species is not native to Catalina. Column #2 gives the species frequency. Also Channel Island endemics are marked thus: ⊙. Column #3 gives typical plant communities for each species. A key to the symbols used in the information columns appears on the following page.

Bob Munz May, 1984

Key to the information columns:

Column 1.

Introduced Species = ⊙

Plant Type:

TREE = T
SHRUB = S
SUBSHRUB = SS

PERENNIAL HERB = P
BIENNIAL HERB = B
ANNUAL HERB = H

Column 2. Species Frequency:

Based on information in Thorne's "Flora of Santa Catalina"

RARE = R
INFREQUENT = I
FREQUENT = F

COMMON = C
LOCALLY ABUNDANT = LA

Occurance of some introduced Species

UNCOMMON = UN
OCCASIONAL = OC
OFTEN = O

Channel Island Endemics on Catalina = ⊙

Column 3. Catalina Plant Communities:

O = Oak Woodlands	B = Sea Bluffs
S = Coastal Sage Scrub	D = Coastal Dune Grassland (Coastal Strand)
G = Coastal Grassland	F = Coastal Salt Flat Succulent (Coast Salt Marsh)
C = Chaparral	W = Fresh Water Marsh & Aquatic
M = Maritime Desert Scrub	R = Riparian Woodlands
P = Rock Crevice Plant Comm.	A = Disturbed Area; Weedy Places; Roadsides, etc
V = { Vernal Comm. of Rocky Ridges & Slopes. Dry open slopes & rocky bluff.	E = & Other Plant Comm.

Column 4. Open for your notation

Santa Catalina Is. Flora

A Check List

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1 ② 3 4

FERNS & Related Species

		1	②	3	4
① ASPIDIACEAE		FERN Family #1			
1	<i>Dryopteris arguta</i> Woodfern.....	P	①	O	
② EQUISETACEAE		HORSETAIL Family			
2	<i>Equisetum laevigatum</i> .. Scouring Rush.....	P	LA	WR	
3	<i>E. telmateia</i> Giant Horsetail.....	P	LA	WR	
③ POLYPODIACEAE		FERN Family #2			
4	<i>Polypodium californicum</i> Calif. Polypody.....	P	③	OB	
④ PTERIDACEAE		FERN Family #3			
5	<i>Adiantum capillus-veneris</i> Venus-Hair Fern.....	P	①	R	
6	<i>A. jordani</i> Calif. Maiden Hair.....	P	③	O	
7	<i>Cheilanthes californica</i> .. Calif. Lace Fern.....	P	①	P	
8	<i>Notholaena californica</i> .. Cloak Fern.....	P	R	P	
9	<i>Pellaea andromedaefolia</i> .. Coffee Fern.....	P	F	P	
10	<i>P. mucronata</i> Cliff-Brake.....	P	①	P	
11	<i>Pityrogramma triangularis</i> var. <i>triangularis</i> Goldback Fern.....	P	①	O	
	var. <i>viridis</i> Silverback Fern.....	P	F	O	
12	<i>Pteridium aquilinum</i> .. Bracken.....	P	LA	R	
⑤ SALVINIACEAE		SALVINA Family			
13	<i>Azolla filiculoides</i> Duckweed Fern.....		LA	W	
⑥ SELAGINELLACEAE		SPIKE-MOSS Fam			
14	<i>Selaginella bigelovii</i> Spike-Moss.....	P	③	PE	
DICOTS					
⑦ AIZOACEAE		CARPET-WEED Fam			
15	<i>Aptenia cordifolia</i>	③P	A	A	
16	<i>Carpobrotus aequilaterus</i> Sea Fig.....	P	R	D	
17	<i>Gasoul crystallinum</i> .. Ice Plant.....	③A	LA	MD	
18	<i>G. nodiflorum</i> Little Ice Plant.....	③A	C	MDE	
⑧ AMARANTHACEAE		AMARANTH Family			
19	<i>Amaranthus albus</i> Pig Weed.....	③A	①	A	
⑨ ANACARDIACEAE		SUMAC Family			
20	<i>Rhus integrifolia</i> Lemonade Berry.....	S	③	CSM	
	<i>R. integrifolia</i> X <i>R. ovata</i> ... Hybrid Sumac.....	S	UN	C	

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1 ② 3 4

		1	②	3	4
⑨ ANACARDIACEAE		SUMAC Family			
21	<i>Rhus laurina</i> Laurel Sumac.....	S	③	CS	
22	<i>R. ovata</i> Sugar Bush.....	S	F	C	
23	<i>Schinus molle</i> Calif. Pepper Tree.....	③S7	③C	A	
24	<i>Toxicodendron diversilobum</i> Poison Oak.....	S	F	RC	
⑩ APIACEAE		CARROT Family			
25	<i>Apiastrum angustifolium</i> Wild Celery.....	A	③	P	
26	<i>Bowlesia incana</i> Bowlesia.....	③A	F	O	
27	<i>Caucalis microcarpa</i> .. Hedge-Parsley.....	A	F	P	
28	<i>Daucus pusillus</i> Rattlesnake Weed.....	A	③	BG	
29	<i>Foeniculum vulgare</i> .. Sweet Fennel.....	③P	F	A	
30	<i>Sanicula arguta</i> Snake Root.....	P	③	G	
31	<i>S. crassicaulis</i> Tall Sanicula.....	P	①	CC	
32	<i>Torilis nodosa</i> Hedge-Parsley.....	③P	①	O	
⑪ APOCYNACEAE		DOGBANE Family			
33	<i>Vinca major</i> Periwinkle.....	③P	③C	A	
⑫ ASCLEPIADACEAE		MILKWEED Family			
34	<i>Asclepias fascicularis</i> .. Narrow Leaf Milkweed.....	P	LA	W	
35	<i>Sarcostemma cynanchoides</i> Climbing Milkweed.....	P	R	SC	
⑬ ASTERACEAE		SUNFLOWER Fam			
36	<i>Achillea millefolium</i> .. Yarrow.....	P	F	SG	
37	<i>Amblyopappus pusillus</i> .. Coast Weed.....	A	F	MF	
38	<i>Ambrosia acanthicarpa</i> Burweed.....	A	UN	A	
39	<i>A. chamissonis</i> Silver Beach Bur.....	P	①	D	
40	<i>A. psilostachya</i> Western Ragweed.....	P	①	R	
41	<i>Anthemis cotula</i> Mayweed.....	③A	③C	A	
42	<i>Artemisia californica</i> .. Coast Sagebrush.....	S	F	SM	
43	<i>A. douglasiana</i> Mugwort.....	P	①	R	
44	<i>A. dracunculus</i> Wild Tarragon.....	P	R	R	
45	<i>Baccharis douglasii</i> .. Douglas Baccharis.....	P	①	R	
46	<i>B. emoryi</i> Emory Baccharis.....	S	R	R	
47	<i>B. glutinosa</i> Mule Fat.....	S	①	R	
48	<i>B. pilularis consanguinea</i> .. Coyote Brush.....	S	F	OS	
49	<i>Brickellia californica</i> .. Calif. Brickellbush.....	S	F	S	
50	<i>Centaurea cineraria</i> .. Dusty Miller.....	③P	①	B	
51	<i>C. melitensis</i> Yellow Star Thistle.....	③A	C	AE	
52	<i>C. solstitialis</i> Barnaby's Thistle.....	③A	UN	A	
53	<i>Chaetopappa lyonii</i> Chaetopappa.....	A	R	G	
54	<i>Chrysanthemum</i> Garland.....	③A	UN	A	
55	<i>C. frutescens</i> Marguerite.....	③	UN	A	
56	<i>Cirsium californicum</i> .. Calif. Thistle.....	B	①	SG	

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		MUNS	1984	1	2	3	4
	(13) ASTERACEAE	SUNFLOWER Family					
57	<i>Cirsium occidentale</i>		Red Thistle	B	(F) S G		
58	<i>C. undulatum</i>		Wavy Leaf Thistle	(P) UN	A		
59	<i>C. vulgare</i>		Bull Thistle	(B) LA	A		
60	<i>Conyza bonariensis</i>		Little Horseweed	(A) I	A		
61	<i>C. canadensis</i>		Horseweed	(A) I	A		
62	<i>C. coulteri</i>			A	(R) S		
63	<i>Coreopsis gigantea</i>		Giant Coreopsis	S	(F) B		
64	<i>Corethrogyne filaginifolia</i>		Cudweed Aster	SS	(I) G		
65	<i>Cotula australis</i>		Australian Brass Button	(A) OC	A		
66	<i>C. coronopifolia</i>		Brass Button	(P) OF	W		
67	<i>Encelia californica</i>		Bush Sunflower	S	(C) S M		
68	<i>Erigeron foliosus</i>		Fleabane Aster	P	(I) C S		
69	<i>Eriophyllum confertiflorum</i>		Golden Yarrow	SS	(F) S B		
70	<i>E. nevini</i>		Dusty Miller	S	(I) B		
71	<i>Filago arizonica</i>		Arizona Filago	A	(F) V G		
72	<i>F. californica</i>		California Filago	A	(C) V G		
73	<i>F. gallica</i>		Narrow-Leaf Filago	(A) UN	V G		
74	<i>Gnaphalium bicolor</i>		Two-Tone Everlasting	B-P	(C) C G		
75	<i>G. californicum</i>		Green Everlasting	P	(C) C S		
76	<i>G. chilense</i>		Cotton-Batting Plant	A-B	(F) W		
77	<i>G. luteo-album</i>		Cudweed	(A) OC	R A		
78	<i>G. microcephalum</i>		Felt-Leaf	B-P	(R) C		
79	<i>G. palustre</i>		Lowland Cudweed	A	(I) W		
80	<i>G. purpureum</i>		Purple Cudweed	A-B	(I) W A		
81	<i>Grindelia robusta</i>		Gum Plant	P	(R) G		
82	<i>Haplopappus palmeri</i> ssp <i>pachylepis</i>		Palmer Goldenbush	S	(LA) S O		
83	<i>H. squarrosus</i> ssp <i>grindelioides</i>		Saw-Tooth Goldenbush	SS	(F) S		
84	<i>H. venetus</i> ssp <i>furfuraceus</i> ssp <i>vernonioides</i>		Coast Goldenbush	S	(C) M D B		
85	<i>Helenium puberulum</i>		Sneezeweed	P	(R) R		
86	<i>Helianthus annuus</i> ssp <i>lenticularis</i>		Common Sunflower	(B) P	A		
87	<i>Hemizonia clementina</i>		Island Tarweed	SS	(C) B G		
88	<i>H. fasciculata</i>		Tarweed	A	(C) G V		
89	<i>Heterotheca grandiflora</i>		Telegraph Weed	A-B	(F) A		
90	<i>Hypochoeris glabra</i>		Cat's Ear	(A) R	G A		
91	<i>Jaumea carnosae</i>		Jaumea	P	(R) F		
92	<i>Lactuca serriola</i>		Prickly Lettuce	(B) UN	A		
93	<i>Lasthenia chrysostoma</i>		Goldfield	A	(C) G		
94	<i>Layia platyglossa campestris</i> <i>Madia exigua</i>		Tidy Tips Small Tarweed	A	(C) G (C) V G		

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		MUNS	1984	1	2	3	4
	(13) ASTERACEAE	SUNFLOWER Fam					
95	<i>Madia gracilis</i>		Gum Weed	A	(F) V G		
96	<i>M. sativa</i>		Chile Tarweed	A	(F) C S G		
97	<i>Malacothrix saxatilis</i> var. <i>tenuifolia</i>		Cliff-Aster	P	(C) B		
98	<i>Matricaria matricarioides</i>		Pineapple Weed	(A) I	A		
99	<i>Microseris douglasii</i> ssp <i>platycarpa</i>		Silver Puffs	A	(R) G		
100	<i>M. heterocarpa</i>		Brown Microseris	A	(I) G S		
101	<i>M. linearifolia</i>		White Microseris	A	(F) G C		
102	<i>Perezia microcephala</i>		Perezia	P	(C) C O		
103	<i>Perityle emoryi</i>		Rock Daisy	A-B	(F) M B		
104	<i>Picris echioides</i>		Bristly Ox-Tongue	(A) OC	A		
105	<i>Pluchea purpurascens</i>		Marsh Fleabane	A-P	(LA) W F		
106	<i>P. sericea</i>		Arrow Weed	S	(R) F		
107	<i>Psilocarphus tenellus</i>		Woolly-Heads	A	(R) V		
108	<i>Rafinesquia californica</i>		Calif. Chicory	A	(F) S G		
109	<i>Senecio douglasii</i> var. <i>douglasii</i>		Bush Senecio	S	(R) S C		
110	<i>S. lyonii</i>		Island Butterweed	SS	(F) S C O		
111	<i>S. vulgaris</i>		Common Groundsel	(A) R	A		
112	<i>Silybum marianum</i>		Milk Thistle	(A) B	(OF) A		
113	<i>Solidago californica</i>		Calif. Goldenrod	P	(R) G		
114	<i>Sonchus asper</i>		Prickly Sow Thistle	(A) I	O A		
115	<i>S. oleraceus</i>		Sow Thistle	(A) OF	O A E		
116	<i>S. tenerrimus</i>		Slender Sow Thistle	(A) R	R		
117	<i>Stephanomeria exigua</i>		Small Stephanomeria	A	(OC) B E		
118	<i>S. virgata</i>		Wand Chicory	A	(F) G A		
119	<i>Stylocline gnaphalioides</i>		Everlasting Nest-Straw	A	(I) V		
120	<i>Taraxacum laevigatum</i>		Red Seeded Dandelion	(P) UN	A		
121	<i>T. officinale</i>		Dandelion	(P) UN	A		
122	<i>Thelesperma megapotamicum</i>			(P) UN	A		
123	<i>Xanthium spinosum</i>		Spiny Clot Bur	(A) F	R W		
124	<i>X. strumarium</i>		Cockle Bur	A	(F) R W D		
	(14) BORAGINACEAE	BORAGE Family					
125	<i>Amsinckia intermedia</i>		Fiddleneck	A	(C) G R		
126	<i>A. menziesii</i>		Little-Fl'd Fiddleneck	A	(I) G		
127	<i>Cryptantha clevelandii</i>		White Forget-Me-Not	A	(C) G V B		
128	<i>C. intermedia</i>		Popcorn Flower	A	(I) G		
129	<i>C. maritima</i>		Guadalupe Popcorn FL.	A	(I) G		
130	<i>C. micromeres</i>		Mini-Fl'd Popcorn FL.	A	(R) G		
131	<i>C. microstachys</i>		Mini-Fl'd Popcorn FL.	A	(R) G		
132	<i>Harpagonella palmeri</i>		Harpagonella	A	(F) V		
133	<i>Heliotropium curassavicum</i>		Wild Heliotrope	P	(F) D R		

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(14) BORAGINACEAE		BORAGE Family			
134	<i>Pectocarya linearis</i>	A	(F) V		
135	<i>P. penicillata</i>	A	(R) V		
136	<i>Plagiobothrys californicus</i>	A	(I) G		
137	<i>P. canescens</i> var <i>catalinensis</i>	A	(F) R V		
(15) BRASSICACEAE		MUSTARD Family			
138	<i>Athysanus pusillus</i>	A	(R) G C		
139	<i>Brassica geniculata</i>	(B) P	(UN) A		
140	<i>B. kaber</i>	(A) A	(UN) A		
141	<i>B. nigra</i>	(A) A	(OF) A G		
142	<i>B. rapa</i>	(A) B	(OC) A		
143	<i>Cakile maritima</i>	(A) A	(OF) D		
144	<i>Capsella bursa-pastoris</i>	(A) A	(F) G A		
145	<i>Cardamine californica</i>	P	(R) O		
146	<i>Descurainia pinnata</i>				
	<i>ssp menziesii</i>	A	(I) V A		
147	<i>Draba cuneifolia</i>				
	var <i>integrifolia</i>	A	(R) B		
148	<i>Erysimum cheirii</i>	(P) A	(UN) A		
149	<i>Lepidium lasiocarpum</i>	A	(I) V D		
150	<i>L. latipes</i>	A	(R) V F		
151	<i>L. nitidum</i>	A	(F) V D		
152	<i>L. virginicum</i> var <i>pubescens</i>	(A) A	(UN) A		
153	<i>Lobularia maritima</i>	(P) A	(OC) A		
154	<i>Raphanus raphanistrum</i>	(A) A	(LA) A		
155	<i>R. sativus</i>	(A) B	(LA) A R		
156	<i>Rorippa nasturtium-aquaticum</i>	(P) A	(C) W R		
157	<i>Sibara filifolia</i>	A	(R) C		
158	<i>Sisymbrium altissimum</i>	(A) A	(UN) W A		
159	<i>S. irio</i>	(A) A	(OF) A		
160	<i>S. officinale</i>	(A) A	(OF) A		
161	<i>S. orientale</i>	(A) A	(OF) O A		
162	<i>Thelypodium lasiophyllum</i>	A	(I) O G		
163	<i>Thysanocarpus curvipes</i>	A	(R) O		
164	<i>T. laciniatus</i>	A	(E) O G		
165	<i>Tropidocarpum gracile</i>	A	(R) G		
(16) CACTACEAE		CACTUS Family			
166	<i>Bergerocactus emoryi</i>	S	(LA) M		
167	<i>Opuntia ficus-indica</i>	(S) S	(UN) S G		
168	<i>O. "demissa"</i>	S	(OC) S G		
169	<i>O. littoralis</i> var <i>littoralis</i>	S	(C) S M G		
170	<i>O. oricola</i>	S	(C) G		
171	<i>O. phaeacantha</i> v. <i>discata</i>	S	(UN) C		
172	<i>O. prolifer</i>	S	(OC) M S		

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MUNS 1984		1	2	3	4
(17) CALLITRICHACEAE		WATER-STARWORT			
173	<i>Callitriche marginata</i>	A	(R) W		
(18) CAMPANULACEAE		BELLFLOWER Fam			
174	<i>Triodanis biflora</i>	A	(I) O G		
(19) CAPPARACEAE		CAPER Family			
175	<i>Isomeris arborea</i>	S	(C) S B		
(20) CAPRIFOLIACEAE		HONEYSUCKLE Fam			
176	<i>Lonicera hispidula</i>	S	(C) R		
177	<i>L. subspicata</i> v. <i>johnstonii</i>	S	(R) R		
178	<i>Sambucus mexicana</i>	S-T	(C) O R		
179	<i>Symphoricarpos mollis</i>	SS	(F) R S		
(21) CARYOPHYLLACEAE		PINK Family			
180	<i>Arenaria douglasii</i>	A	(R) S		
181	<i>Cerastium glomeratum</i>	(A) A	(C) O G R		
182	<i>Polycarpon depressum</i>	A	(R) S C		
183	<i>P. tetraphyllum</i>	(A) A	(R) A		
184	<i>Sagina occidentalis</i>	A	(R) R		
185	<i>Silene antirrhina</i>	A	(R) P		
186	<i>S. gallica</i>	(A) A	(C) P A		
187	<i>S. multinervia</i>	A	(R) C		
188	<i>Spergula arvensis</i>	(A) A	(UN) A		
189	<i>Spergularia bocconii</i>	(A) A	(C) D R W A		
190	<i>S. macrotheca</i> v. <i>macrotheca</i>	P	(F) F B		
191	<i>S. marina</i>	A	(R) F		
192	<i>S. villosa</i>	P	(R) R W		
193	<i>Stellaria media</i>	(A) A	(C) O		
194	<i>S. nitens</i>	A	(R) G		
(22) CHENOPODIACEAE		GOOSEFOOT Fam			
195	<i>Aphanisma blitoides</i>	A	(R) B		
196	<i>Atriplex argentea</i>	A	(R) D		
197	<i>A. californica</i>	P	(F) M R B D		
198	<i>A. coulteri</i>	A-P	(F) M W		
199	<i>A. lentiformis</i> ssp <i>breweri</i>	S	(R) F S		
200	<i>A. leucophylla</i>	P	(F) F D		
201	<i>A. pacifica</i>	A	(R) G		
202	<i>A. patula hastata</i>	(A) A	(R) F		
203	<i>A. rosea</i>	(A) A	(R) A		
204	<i>A. semibaccata</i>	(P) A	(C) M F S G		
205	<i>A. serotana</i> v. <i>davidsonii</i>	A	(R) F S G		
206	<i>A. watsonii</i>	P	(R) F		

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			1	2	3	4
	(22) CHENOPODIACEAE	GOOSEFOOT Fam.				
207	<i>Bassia hyssopifolia</i>	Five-Hook Bassia.....	●A	(UN) A		
208	<i>Beta vulgaris</i> ssp <i>maritima</i>	Wild Beet.....	●B	(R) FGR		
209	<i>Chenopodium ambrosioides</i>	Mexican-Tea.....	●AP	(UN) DF		
210	<i>C. berlandieri</i> <i>var sinuatum</i>	White Goosefoot.....	●A	(I) A		
211	<i>C. californicum</i>	Calif. Goosefoot.....	P	(C) O		
212	<i>C. murale</i>	Nettle-Leaf Goosefoot.....	●A	(C) A		
213	<i>Salicornia subterminalis</i>	Shrubby Pickleweed.....	SS	(R) F		
214	<i>S. virginica</i>	Pickleweed.....	P	(R) F		
215	<i>Salsola iberica</i>	Russian Thistle.....	●A	(UN) A		
216	<i>Suaeda californica</i>	Calif. Sea Blite.....	SS	(I) FD		
	(23) CISTACEAE	ROCK ROSE Fam.				
217	<i>Helianthemum greenii</i>	Island Rock Rose.....	P	(R) C		
218	<i>H. scoparium</i> <i>var vulgare</i>	Wild Rock Rose.....	SS	(I) C		
	(24) CONVULVACEAE	MORNING GLORY				
219	<i>Calystegia macrostegia</i>	Wild Morning Glory.....	P	(C) SC		
220	<i>C. soldanella</i>	Beach Morning Glory.....	P	(R) D		
221	<i>Convolvulus arvensis</i>	Bindweed.....	●P	(OC) A		
222	<i>Cressa truxillensis</i>					
	<i>var vallicola</i>	Alkali Weed.....	P	(I) DF		
223	<i>Cuscuta occidentalis</i>	Dodder.....	A	(I) S		
224	<i>Dichondra occidentalis</i>	Wild Dichondra.....	P	(I) CG		
225	<i>Ipomoea nil</i>	Ivy-Lvd Morning Glory.....	●A	(UN) A		
	(25) CORNACEAE	DOGWOOD Family				
226	<i>Cornus glabrata</i>	Brown Dogwood.....	S	(R) C		
	(26) CRASSULACEAE	STONECROP Fam.				
227	<i>Crassula aquatica</i>	Water Pigmy Weed.....		(LA) W		
228	<i>C. erecta</i>	Pigmy Weed.....	A	(I) V		
229	<i>Dudleya greenii</i>	Greene's Liveforever.....	P	(R) B		
230	<i>D. hassei</i>	Catalina Liveforever.....	P	(F) BM		
231	<i>D. virens</i>	Island Liveforever.....	P	(I) B		
	(27) CROSSOSOMATAACEAE	CROSSOSOMA Fam.				
232	<i>Crossosoma californicum</i>	Catalina Crabapple Bush.....	S	(C) CB		
	(28) CUCURBITACEAE	GOURD Family				
235	<i>Marah macrocarpus</i>	Wild Cucumber.....	P	(C) RSO		
	(29) ELATINACEAE	WATERWORT Fam.				
234	<i>Elatine californica</i>	Waterwort.....	A	(R) W		

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			1	2	3	4
	(30) ERICACEAE	HEATH Family				
235	<i>Arctostaphylos catalinae</i>	Catalina Manzanita.....	S	(I) CO		
236	<i>Comarostaphylis diversifolia</i>					
	<i>var planifolia</i>	Summer Holly.....	S	(I) O		
237	<i>Xylococcus bicolor</i>	Mission Manzanita.....	S	(I) C		
	(31) EUPHORBIACEAE	SPURGE Family				
238	<i>Eremocarpus setigerus</i>	Turkey Mullein.....	A	(I) VG		
239	<i>Euphorbia crenulata</i>	Chinese Caps.....	A-B	(R) SCO		
240	<i>E. misera</i>	Cliff-Spurge.....	S	(R) B		
241	<i>E. peplus</i>	Petty Spurge.....	●A	(OC) A		
242	<i>E. serpyllifolia</i>	Thyme-Lf Spurge.....	A	(I) A		
243	<i>E. spathulata</i>	Warty Fruit Spurge.....	A	(R) GA		
244	<i>Ricinus communis</i>	Castor Bean.....	●S	(R) A		
	(32) FABACEAE	PEA Family				
245	<i>Acacia melanoxylon</i>	Wattle.....	●T	(UN) BA		
246	<i>Astragalus didymocarpus</i>	Dwarf Locoweed.....	A	(R) V		
247	<i>A. gambelianus</i>	Dwarf Locoweed.....	A	(F) VG		
248	<i>A. trichopodus</i> ssp <i>trichopodus</i>	Locoweed.....		(R) B		
	<i>var leucopsis</i>	Rattleweed.....	P	(C) GSE		
249	<i>Coronilla valentina</i>		●P	(UN) A		
250	<i>Cytisus linifolius</i>	Dyer's Greenwold.....	●S	(OF) BA		
251	<i>C. monspessulanus</i>	French Broom.....	●S	(I) BA		
252	<i>Lathyrus laetiflorus</i>					
	<i>ssp alefeldii</i>	Wild Sweetpea.....	P	(F) CSOE		
253	<i>L. tingitanus</i>	Tangier Pea.....	●A	(OF) BA		
254	<i>Lotus argophyllus</i>					
	<i>ssp ornithopus</i>	Silver Lotus.....	P	(C) SCG		
255	<i>L. corniculatus</i>	Bird's Foot Trefoil.....	●P	(UN) A		
256	<i>L. grandiflorus</i>	Large Fl'd Lotus.....	P	(R) R		
257	<i>L. hamatus</i>	Prostrate Lotus.....	A	(C) GVE		
258	<i>L. heermannii</i>		P	(R) SC		
259	<i>L. humistratus</i>		A	(R) SCV		
260	<i>L. purshianus</i>	Spanish Clover.....	A	(I) GOV		
261	<i>L. salsuginosus</i>	Coastal Lotus.....	A	(F) BRV		
262	<i>L. scoparius</i> ssp <i>scoparius</i>	Deerweed.....	SS	(C) S		
263	<i>L. strigosus</i>	Strigose Lotus.....	A	(F) CSG		
264	<i>L. subpinnatus</i>	Chile Lotus.....	A	(I) GV		
265	<i>Lupinus agardhianus</i>	Annual Lupine.....		(I) SC		
266	<i>L. albifrons</i> <i>var albifrons</i>	Silver Bush Lupine.....	S	(F) SCG		
267	<i>L. bicolor</i> ssp <i>pipersmithii</i>	Dove Lupine.....	A	(C) GV		
268	<i>L. concinnus</i>	Bajada Lupine.....	A	(F) VG		
269	<i>L. hirsutissimus</i>	Stinging Lupine.....	A	(F) PBE		
270	<i>L. succulentus</i>	Arroyo Lupine.....	A	(F) GV		

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(32) FABACEAE		PEA Family			
271	<i>Lupinus truncatus</i>	A	(F)	PSC	
272	<i>Medicago polymorpha</i>	(A)	(E)	GA	
273	<i>M. sativa</i>	P	(I)	A	
274	<i>Melilotus albus</i>	(A)	(B)	(I)	AE
275	<i>M. indicus</i>	(A)	(B)	(F)	AE
276	<i>Spartium junceum</i>	(S)	(C)	AC	
277	<i>Trifolium albopurpureum</i>	A	(R)	V	
278	<i>T. amplexens</i>	A	(F)	G	
279	<i>T. gracilentum</i>	A	(R)	V	
280	<i>T. macraei</i>	A	(R)	V	
281	<i>T. microcephalum</i>	A	(F)	GV	
282	<i>T. microdon</i>	A	(R)	V	
283	<i>T. palmeri</i>	A	(R)	V	
284	<i>T. repens</i>	(P)	(UN)	A	
285	<i>T. tridentatum</i>	A	(C)	GV	
286	<i>Vicia dasycarpa</i>	(A)	(C)	R	
287	<i>V. exigua</i>	A	(F)	GV	
(33) FAGACEAE		OAK Family			
288	<i>Quercus chrysolepis</i>	T	(R)	O	
289	<i>Q. douglasii</i>	T	(R)	O	
290	<i>Q. dumosa</i>	S-T	(C)	OC	
291	<i>Q. engelmannii</i>	T	(R)	O	
292	<i>Q. lobata</i>	T	(R)	O	
293	<i>Q. x macdonaldii</i>	T	(F)	OR	
294	<i>Q. tomentella</i>	T	(I)	O	
(34) FRANKENIACEAE		FRANKENIA Fam			
295	<i>Frankenia grandifolia</i>	P	(F)	FD	
(35) GENTIANACEAE		GENTIAN Family			
296	<i>Centaurium venustum</i>	A	(F)	V	
(36) GERANIACEAE		GERANIUM Fam			
297	<i>Erodium cicutarium</i>	(A)	(C)	GA	
298	<i>E. moschatum</i>	(A)	(E)	GA	
299	<i>E. obtusiplicatum</i>	(A)	(A)	GR	
300	<i>Geranium carolinianum</i>	A	(I)	OG	
301	<i>Pelargonium x hortorum</i>	(P)	(F)	BA	
(37) HYDROPHYLLACEAE		PHACELIA Family			
302	<i>Emmenanthe penduliflora</i>	A	(I)	PGV	
303	<i>Eriodictyon traskiae</i>	S	(J)	C	
304	<i>Eucrypta chrysanthrifolia</i>	A	(E)	OC	

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(37) HYDROPHYLLACEAE		PHACELIA Family			
305	<i>Nemophila menziesii</i> ssp. nanus	A	(R)	C	
306	<i>Phacelia cicutaria</i> var. <i>hispida</i>	A	(C)	PBV	
307	<i>P. distans</i>	A	(R)		
308	<i>P. grandiflora</i>	A	(R)		
309	<i>P. lyonii</i>	A	(F)	BE	
310	<i>P. viscida</i>	A	(R)	SC	
311	<i>Pholistoma auritum</i>	A	(I)	O	
312	<i>P. racemosum</i>	A	(C)	O	
(38) JUGLANDACEAE		WALNUT Family			
313	<i>Juglans californica</i>	T	(C)		
(39) LAMIACEAE		MINT Family			
314	<i>Lepechinia fragrans</i>	S	(R)	CS	
315	<i>Marrubium vulgare</i>	(P)	(C)	VGA	
316	<i>Mentha citrata</i>	(P)	(C)	W	
317	<i>M. spicata</i>	(P)	(F)	W	
318	<i>Nepeta cataria</i>	(P)	(UN)	A	
319	<i>Salvia apiana</i>	S	(F)	S	
320	<i>S. apiana</i> x <i>S. mellifera</i>	S	(I)	S	
321	<i>S. columbariae</i>	A	(I)	PV	
322	<i>S. mellifera</i>	S	(C)	SC	
323	<i>Satureja douglasii</i>	P	(I)	R	
324	<i>Trichostema lanceolatum</i>	A	(I)	GV	
(40) LINACEAE		FLAX Family			
325	<i>Hesperolinon micranthum</i>	A	(R)	V	
(41) LOASACEAE		STICK-LEAF Fam			
326	<i>Mentzelia affinis</i>	A	(R)	G	
327	<i>M. micrantha</i>	A	(R)	S	
(42) LYTHRACEAE		LOOSESTRIFE Fam			
328	<i>Ammannia coccinea</i>	A	(R)	W	
(43) MALVACEAE		MALLOW Family			
329	<i>Althaea rosea</i>	(A)	(UN)	A	
330	<i>Eromalche exilis</i>	A	(R)	R	
331	<i>Lavatera assurgentiflora</i>	S	(R)		
332	<i>Malacothamnus fasciculatus</i> ssp. <i>catalinensis</i>	S	(C)	SR	
333	<i>Malva parviflora</i>	(A)	(F)	A	
334	<i>Sida leprosa</i>	P	(R)		

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		MUNS 1984	1	2	3	4
335	(44) MORACEAE <i>Ficus carica</i>	MULBERRY Fam Common Fig.....	●ST	OC		
336	(45) MYRTACEAE <i>Eucalyptus sp.</i>	MYRTLE Family	●ST	OC	A	
337	(46) NYCTAGINACEAE <i>Abronia maritima</i>	FOUR O'CLOCK Fam Red Sand Verbena.....	P	LA	D	
338	<i>A. umbellata</i>	Rose Sand Verbena.....	P	I	D	
339	<i>Mirabilis californica</i>	Wishbone Bush.....	P	C	MBS	
340	(47) ONAGRACEAE <i>Camissonia californica</i>	EVENING-PRIMROSE Calif. Evening Primrose.....	A	R	V	
341	<i>C. micrantha</i>	Small Fld Eve Primrose.....	A	I	RW	
342	<i>Clarkia epilobioides</i>	Willow-Herb Clarkia.....	A	C	GV	
343	<i>C. purpurea quadrivulnera</i>	Purple Clarkia.....	A	F	G	
344	<i>Epilobium adenocaulon</i>	Willow Herb.....	P	I	R	
345	<i>Gaura sinuata</i>	var holosericeum.....	●P	UN	A	
346	<i>Zauschneria californica</i>	California Fuchsia.....	SS	I	S	
347	<i>Z. cana</i>	ssp Californica & ssp mexicana Humming Bird Trumpet.....	SS	I	S B	
348	(48) OROBANCHACEAE <i>Orobanche bulbosa</i>	BROOM-RAPE Fam Broom-Rape.....		R	C	
349	<i>O. californica</i>	Calif. Broom-Rape.....		R	DS	
350	<i>O. fasciculata</i>	Clustered Broom-Rape.....		R	S	
351	(49) OXALIDACEAE <i>Oxalis albicans californica</i>	WOOD-SORREL Fam Wild Sour-Grass.....	P	R	S	
352	<i>O. corniculata</i>	Weedy Oxalis.....	●P	OC	A	
353	<i>O. pes-caprae</i>	Bermuda-Buttercup.....	●P	OC	A	
354	(50) PAPAVERACEAE <i>Dendromecon rigida</i>	POPPY Family ssp rhamnoides.....	S	I	C	
355	<i>Eschscholzia californica</i>	Bush Poppy.....	●P	UN		
	var californica.....	Calif. Poppy.....	A	C	G	
	var peninsularis.....	" ".....	A	F	PGBR	
356	<i>E. ramosa</i>	Island Poppy.....	●A	UN	A	
357	<i>Papaver somniferum</i>	Opium Poppy.....	●A	UN	A	
358	<i>Platystemon californicus</i>	Cream Cups.....	A	R	G	
359	<i>Romneya coulteri</i>	Matilija Poppy.....	●P	LA	A	
360	<i>Stylomecon heterophylla</i>	Wind Poppy.....	A	R	OG	
361	(51) PITTOSPORACEAE <i>Sollya fusiformis</i>	PITTOSPORUM Fam Australian Bluebell Creeper.....	●S	UN	A	

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362	(52) PLANTAGINACEAE <i>Plantago coronopus</i>	PLANTAIN Family Rattail Plantain.....	●A	C	FDW	
363	<i>P. erecta</i>	Calif. Plantain.....	A	C	BV	
364	<i>P. insularis</i>	Island Plantain.....	A	F	BW	
365	<i>P. major</i>	Common Plantain.....	●P	R	A	
366	(53) PLATANACEAE <i>Platanus racemosa</i>	SYCAMORE Fam. Sycamore.....	OT	R	R	
367	(54) PLUMBAGINACEAE <i>Limonium perezii</i>	LEADWORT Family Marsh Rosemary.....	●P	OC	BR	
368	<i>L. sinuatum</i>	Sea Lavender.....		UN	DF	
369	(55) POLEMONIACEAE <i>Allophyllum glutinosum</i>	PHLOX Family Stinky Gilia.....	A	I	PCS	
370	<i>Eriastrum filifolium</i>	Thread Stem Eriastrum.....	A	R	G	
371	<i>Gilia angelensis</i>	Angeles Gilia.....	A	C	PG	
372	<i>G. capitata</i>	Globe Gilia.....	A	R	GV	
373	<i>G. nevinii</i>	Island Gilia.....	A	I	BPG	
374	<i>Linanthus bicolor</i>	Bicolored Linanthus.....	A	R	G	
375	<i>L. dianthiflorus</i>	Ground Pinks.....	A	I	GV	
376	<i>Navarretia atractyloides</i>	Holly-Lvd Navarretia.....	A	I	VG	
377	<i>N. hamata</i> var hamata.....	Hooked Navarretia.....	A	C	VG	
	var foliacea.....		A	R	V	
378	(56) POLYGONACEAE <i>Chorizanthe coriacea</i>	BUCKWHEAT Fam Spiny Herb.....	A	R	V	
379	<i>C. staticoides</i>	Turkish Rugging.....	A	LA	V	
380	<i>Eriogonum giganteum</i>	ssp giganteum.....	S	C	S	
381	<i>E. grande</i>	St. Catherine's Lace.....	S	C	BS	
382	<i>Polygonum amphibium</i>	var emersum.....	P	R	W	
383	<i>P. arenastrum</i>	Swamp Knotweed.....	●A	I	WA	
384	<i>P. argyrocoleon</i>	Prostrate Knotweed.....	●A	R	A	
385	<i>Pterostegia drymarioides</i>	Persian Knotweed.....	A	I	O	
386	<i>Rumex conglomeratus</i>	Thread Stem.....	●BP	R	W	
387	<i>R. crispus</i>	Green Dock.....	●P	F	WRE	
388	<i>R. salicifolius</i>	Curly Dock.....	P	F	RW	
389	(57) PORTULACACEAE <i>Calandrinia ciliata</i>	PURSLANE Family Red Maids.....	A	I	GV	
390	<i>C. maritima</i>	Sea Kisses.....	A	R	B	
391	<i>Claytonia perfoliata</i>	Miner's Lettuce.....	A	C	O	
392	<i>Portulaca oleracea</i>	Purslane.....	●A	UN	A	

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		1	2	3	4
(58) PRIMULACEAE		PRIMROSE Family			
393	<i>Anagallis arvensis</i>	Scarlet Pimpernel...	⊕A	⊕C R A	
394	<i>Dodecatheon cluslandii</i> ssp <i>insulare</i>	Island Shooting Star..	P	⊕F G	
(59) RANUNCULACEAE		BUTTERCUP Family			
395	<i>Clematis ligusticifolia</i>	Virgin's Bower.....	S	⊕I R	
396	<i>Delphinium parryi</i>	Blue Larkspur.....	P	⊕I G	
397	<i>Ranunculus hebecarpus</i>	Buttercup.....	A	⊕F O	
(60) RESEDACEAE		MIGNONETTE Fam.			
398	<i>Oligomeris linifolia</i>	Oligomeris.....	A	⊕I P B	
399	<i>Reseda odorata</i>	Mignonette.....	⊕A	⊕UN A	
(61) RHAMNACEAE		BUCKTHORN Family			
400	<i>Ceanothus arboreus</i>	Catalina Ceanothus..	S-T	⊕F C O	
401	<i>C. megacarpus</i> ssp <i>insularis</i> .	Big Pod Ceanothus..	S	⊕F C	
402	<i>Rhamnus pirifolia</i>	Island Red Berry..	S-T	⊕C C O	
(62) ROSACEAE		ROSE Family			
403	<i>Adenostoma fasciculatum</i>	Chamise.....	S	⊕C C	
404	<i>Alchemilla occidentalis</i>	Lady's Mantle.....	A	⊕I V G	
405	<i>Cercocarpus betuloides</i> var. <i>blancheneae</i>	Mountain Mahogany..	S-T	⊕C C O	
406	<i>C. traskiae</i>	Catalina Mahogany..	T	⊕R C	
407	<i>Heteromeles arbutifolia</i> var. <i>macrocarpa</i>	Big Berry Toyon.....	S-T	⊕C O C	
408	<i>Holodiscus discolor</i> var. <i>franciscanus</i>	Ocean Spray.....	S	⊕R R	
409	<i>Lyonothamnus floribundus</i> var. <i>floribundus</i>	Catalina Ironwood..	T	⊕F O	
410	<i>Potentilla glandulosa</i> var. <i>glandulosa</i>	Sticky Cinquefoil..	P	⊕R R	
411	<i>Prunus lyonii</i>	Catalina Cherry.....	T	⊕C O	
412	<i>P. persica</i>	Peach.....	⊕T	⊕UN A	
413	<i>Rosa californica</i>	Wild Rose.....	S	⊕I R	
414	<i>Rubus procerus</i>	Himalaya Berry.....	⊕S	⊕UN A	
415	<i>R. ursinus</i>	Wild Blackberry.....	S	⊕I R	
(63) RUBIACEAE		COFFEE Family			
416	<i>Galium angustifolium</i>	Shrubby Bedstraw..	SS	⊕F S C	
417	<i>G. aparine</i>	Cleavers.....	A	⊕C O C	
418	<i>G. catalinense</i>	Catalina Bedstraw..	P	⊕C B S C	
419	<i>G. nuttallii</i> var. <i>insulare</i>	Climbing Bedstraw..	SS	⊕I S C	

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		1	2	3	4
(64) RUTACEAE		RUE Family			
420	<i>Ruta chalepensis</i>	Rue.....	⊕P	⊕R A	
(65) SALICACEAE		WILLOW Family			
421	<i>Populus fremontii</i>	Fremont Cottonwood..	T	⊕F R	
422	<i>P. trichocarpa</i>	Black Cottonwood..	T	⊕F R	
423	<i>Salix hindsiana</i> var. <i>hindsiana</i>	Sandbar Willow.....	S	⊕R R	
424	<i>S. laevigata</i>	Red Willow.....	T	⊕I R	
425	<i>S. lasiolepis</i>	Arroyo Willow.....	S-T	⊕C R	
(66) SAURURACEAE		LIZARD-TAIL Fam.			
426	<i>Anemopsis californica</i>	Yerba Mansa.....	P	⊕R W R	
(67) SAXIFRAGACEAE		SAXIFRAGE Fam.			
427	<i>Jepsonia malvaefolia</i>	Island Jepsonia..	P	⊕F V O	
428	<i>Lithophragma affine</i> ssp <i>mixtum</i>	Woodland Star.....	P	⊕R G E	
429	<i>Ribes viburnifolium</i>	Catalina Currant..	S	⊕C C	
(68) SCROPHULARIACEAE		SNAPDRAGON Family			
430	<i>Antirrhinum kelloggii</i>	Twining Snapdragon.	A	⊕R C	
431	<i>A. nuttallianum</i>	Wild Snapdragon..	A-B	⊕F S P C	
432	<i>Castilleja affinis</i>	Indian Paint Brush..	P	⊕C G S C	
433	<i>C. foliolosa</i>	Woolly Paint Brush..	SS	⊕F S B C	
434	<i>Galvesia speciosa</i>	Catalina Snapdragon	S	⊕I B	
435	<i>Keckiella cordifolia</i>	Heart-Leaf Penstemon	S	⊕C R C S	
436	<i>Linaria bipartita</i>	Toadflax.....	⊕A	⊕R A	
437	<i>L. canadensis</i>	Blue Toadflax.....	A	⊕F V G R	
438	<i>Mimulus cardinalis</i>	Scarlet Monkey Flower	A	⊕F R	
439	<i>M. floribundus</i>	Slimy Monkey Flower.	A	⊕R R	
440	<i>M. guttatus</i> var. <i>guttatus</i>	Creek Monkey Flower.	P	⊕R R	
441	<i>M. puniceus</i>	Red Bush Monkey Fl.	S	⊕C C B S	
442	<i>M. traskiae</i>	Catalina Monkey Fl.	A	⊕R	
443	<i>Orthocarpus purpurascens</i>	Owls Clover.....	A	⊕F G	
444	<i>Scrophularia villosa</i>	Figwort.....	P	⊕F C S	
(69) SOLANACEAE		NIGHTSHADE Fam.			
445	<i>Datura meteloides</i>	Jimson Weed.....	P	⊕R A	
446	<i>Lycium brevipes</i> var. <i>hassei</i>	Island Boxthorn..	S	⊕R	
447	<i>L. californicum</i>	Calif. Boxthorn.....	S	⊕F M B S	
448	<i>Nicotiana bigelovii</i>	Indian Tobacco.....	A	⊕R V	
449	<i>N. glauca</i>	Tree Tobacco.....	⊕A	⊕C A E	
450	<i>Solanum douglasii</i>	White Nightshade..	P	⊕C S E	
451	<i>S. elaeagnifolium</i>	Bull-Nettle.....	⊕P	⊕F A	
452	<i>S. wallacei</i> ssp. <i>wallacei</i>	Catalina Nightshade	S	⊕F C S	

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453	⑦⑩ TROPAEOLACEAE <i>Tropaeolum majus</i>	NASTURTIUM Fam. Garden Nasturtium	● A	Ⓞ F	B
454	⑦① URTICACEAE <i>Hesperocnide tenella</i>	NETTLE Family Black Hair Nettle	A	Ⓜ	Ⓞ E
455	<i>Parietaria floridana</i>	Pellitory	A	Ⓞ F	Ⓞ B E
456	<i>Urtica holosericea</i>	Stinging Nettle	P	Ⓞ F	R
457	<i>U. urens</i>	Dwarf Nettle	● A	Ⓜ	A
458	⑦② VALERIANACEAE <i>Kentranthus ruber</i>	VALERIAN Family Red Valerian	● P	Ⓞ F	B
459	⑦③ VEBENACEAE <i>Lippia nodiflora</i>	VERVAIN Family Mat-Grass	● P	Ⓞ UN	B
460	<i>Verbena bracteata</i>	Vervain	A-P	Ⓞ R	W
461	<i>V. robusta</i>	Robust Vervain	P	Ⓞ F	R
462	⑦④ VIOLACEAE <i>Viola pedunculata</i>	VIOLET Family Johnny-Jump-Up	P	Ⓜ	G
463	⑦⑤ VITACEAE <i>Vitis girdiana</i>	GRAPE Family Wild Grape	S	Ⓞ R	R

MONOCOTS

464	⑦⑥ AMARYLLIDACEAE <i>Allium praecox</i>	AMARYLLIS Fam. Wild Onion	P	Ⓞ R	G O
465	<i>Bloomeria crocea var crocea</i>	Yellow Star Lily	P	Ⓞ F	G S C
466	<i>Brodiaea jolonensis</i>	Wild Brodiaea	P	Ⓞ R	V G S C
467	<i>Dichelostemma pulchella</i>	Blue Dicks	P	●	M G S
468	⑦⑦ CYPERACEAE <i>Carex triquetra</i>	SEDGE Family Sedge	P	Ⓞ R	G
469	<i>C. praegracilis</i>	Sedge	P	Ⓞ R	R
470	<i>Eleocharis macrostachya</i>	Pale Spike-Rush	P	Ⓞ I	W
471	<i>Scirpus microcarpus</i>	Small Fruited Bulrush	P	Ⓞ R	W R
472	<i>S. robustus</i>	Pacific Coast Bulrush	P	Ⓞ R	R
473	⑦⑧ IRIDACEAE <i>Sisyrinchium bellum</i>	IRIS Family Blue Eyed Grass	P	Ⓞ R	G
474	⑦⑨ JUNCACEAE <i>Juncus acutus</i>	RUSH Family Spiny Rush	P	Ⓞ LA	R
475	<i>J. balticus</i>	Wire Rush	P	Ⓞ R	R
476	<i>J. bufonius</i>	Toad Rush	A	Ⓞ F	W R

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477	⑦⑨ JUNCACEAE <i>Juncus mexicanus</i>	RUSH Family Mexican Rush	P	Ⓞ R	W R
478	<i>J. textilis</i>	Indian Rush	P	Ⓞ R	W R
479	<i>J. xiphioides</i>	Iris-Lvd-Rush	P	Ⓞ LA	R
480	⑧① LILIACEAE <i>Asparagus officinalis</i>	LILY Family Asparagus	● P	Ⓞ R	
481	<i>Calochortus catalinae</i>	Catalina Mariposa	P	Ⓞ C	G V
482	<i>C. splendens</i>	Lilac Mariposa Lily	P	Ⓞ F	S G V
483	<i>Chlorogalum pomeridianum</i>	Soap Plant	P	Ⓞ R	V G E
484	⑧② ORCHIDACEAE <i>Habenaria unalascensis</i>	ORCHID Family Rein Orchid	P	Ⓞ I	B V A
485	⑧③ POACEAE <i>Agrostis diegoensis</i>	GRASS Family Bent Grass	P	Ⓞ F	V B
486	<i>A. stolonifera</i>	Red Top	● P	Ⓞ R	A
487	<i>Aristida adscensionis</i>	Three-awned Grass	A	Ⓞ R	P
488	<i>Avena barbata</i>	Slender Wild Oats	● A	Ⓞ C	G V
489	<i>A. fatua</i>	Wild Oats	● A	Ⓞ F	G V
490	<i>A. sativa</i>	Cultivated Oats	● A	Ⓞ OC	A
491	<i>Bothriochloa barbinodis</i>	Beard Grass	P	Ⓞ R	S V
492	<i>Brachypodium distachyon</i>	Purple Falsebrome	● A	Ⓞ I	D G
493	<i>Bromus arizonicus</i>	Arizona Brome	A	Ⓞ R	
494	<i>B. carinatus</i>	Calif Brome	P	Ⓞ I	G
495	<i>B. diandrus</i>	Rip Gut	● A	Ⓞ C	G A
496	<i>B. mollis</i>	Soft Chess	● A	Ⓞ C	G A
497	<i>B. pseudolaevipes</i>	Woodland Brome	P	Ⓞ I	S
498	<i>B. rubens</i>	Red Brome	● A	Ⓞ C	G A
499	<i>B. tectorum</i>	Cheat Grass	● A	Ⓞ R	A
500	<i>B. trinii</i>	Chilian Brome	A	Ⓞ R	
501	<i>Cortaderia atacamensis</i>	Pampus Grass	● P	Ⓞ UN	A
502	<i>Crypsis niliaca</i>	Swamp Grass	● A	Ⓞ OF	W
503	<i>Cynodon dactylon</i>	Bermuda Grass	● P	Ⓞ I	A
504	<i>Dactylis glomerata</i>	Orchard Grass	● P	Ⓞ UN	A
505	<i>Dissanthelium californicum</i>	Calif. Dissanthelium	A	Ⓞ R	
506	<i>Distichlis spicata var. spicata</i>	Salt Grass	P	Ⓞ F	F D
507	<i>Echinochloa crusgalli</i>	Barnyard Grass	● A	Ⓞ UN	A
508	<i>Ehrharta calycina</i>	Veldtgrass	● P	Ⓞ OC	
509	<i>Elymus condensatus</i>	Giant Wild Rye	P	Ⓞ F	R A
510	<i>E. glaucus</i>	Western Rye Grass	P	Ⓞ I	R
511	<i>E. triticoides</i>	Creeping Wild Rye	P	Ⓞ I	R
512	<i>Festuca arundinacea</i>	Real Fescue	● P	Ⓞ UN	
513	<i>F. magalura</i>	Foxtail Fescue	A	Ⓞ C	P R
514	<i>F. myuros</i>	Rattail Fescue	● A	Ⓞ I	R

Santa Catalina Island Flora

MUNS 1984		1	2	3	4
(82) POACEAE		GRASS Family			
515	<i>Festuca octoflora</i>	A	(R) V		
516	<i>F. pacifica</i>	A	(I) PG		
517	<i>F. reflexa</i>	A	(R)		
518	<i>Gastridium ventricosum</i>	(A) A	(I) RV		
519	<i>Hordeum californicum</i>	P	(R) W		
520	<i>H. geniculatum</i>	(A) A	(R) F		
521	<i>H. glaucum</i>	(A) A	(C) GE		
522	<i>H. leportnum</i>	(A) A	(OC) GE		
523	<i>H. pusillum</i>	A	(R) G		
524	<i>H. vulgare</i>	(A) A	(I) A		
525	<i>Lamarchia aurea</i>	(A) A	(C) AE		
526	<i>Lolium perenne</i> ssp. <i>multiflorum</i>	(A) B	(I)		
527	<i>L. strictum</i>	(A) A	(UN) A		
528	<i>L. temulentum</i>	(A) A	(I) A		
529	<i>Melica imperfecta</i>	P	(C) S		
530	<i>Monanthochloe littoralis</i>	P	(R) F		
531	<i>Muhlenbergia microsperma</i>	A	(I) PR		
532	<i>Parapholis incurva</i>	(A) A	(I) F		
533	<i>Paspalum dilatatum</i>	(P) P	(UN) A		
534	<i>P. distichum</i>	P	(UN) A		
535	<i>Phalaris aquatica</i>	(P) P	(I) G		
536	<i>P. canariensis</i>	(A) A	(R) F		
537	<i>P. caroliniana</i>	(A) A	(R) R		
538	<i>P. lemmonii</i>	A	(R)		
539	<i>P. minor</i>	(A) A	(I) GE		
540	<i>Poa annua</i>	(A) A	(I) A		
541	<i>P. scabrella</i>	P	(F) SG		
542	<i>Polypogon interruptus</i>	P	(C) RW		
543	<i>P. monspeliensis</i>	(A) A	(F) RW		
544	<i>P. semiverticillatus</i>	(P) P	(OC)		
545	<i>Schismus arabicus</i>	(A) A	(R) AE		
546	<i>Scleropoa rigida</i>	(A) A	(I)		
547	<i>Secale cereale</i>	(A) A	(UN) A		
548	<i>Sitanion jubatum</i>	P	(R)		
549	<i>Sorghum bicolor</i>	(A) A	(UN) A		
550	<i>S. halepense</i>	(P) P	(UN)		
551	<i>Stipa cernua</i>	P	(R) G		
552	<i>S. lepida</i>	P	(C) G		
553	<i>S. pulchra</i>	P	(F) G		
(83) POTAMOGETONACEAE		PONDWEED Family			
554	<i>Potamogeton crispus</i>	(P) P	(UN) W		
555	<i>P. foliosus</i>	P	(UN) W		

Santa Catalina Island Flora

MUNS 1984		1	2	3	4
(83) POTAMOGETONACEAE		PONDWEED Family			
556	<i>Potamogeton pectinatus</i>	P	(I) WR		
557	<i>Ruppia maritima</i>	P	(I) WR		
(84) TYPHACEAE		CAT-TAIL Family			
558	<i>Typha domingensis</i>	P	(I) WR		
559	<i>T. latifolia</i>	P	(I) WR		
(85) ZOSTERACEAE		EEL-GRASS Family			
560	<i>Phyllospadix scouleri</i>	P	(LA) Maritime		
561	<i>P. torreyi</i>	P	(I)		
562	<i>Zostera marina</i>				

NAME CHANGES

Some names in the Check List differ from those used by R. Thorne in "A Flora of Santa Catalina Island". These changes were made to conform with P. Munz "A Flora of Southern California"

Andropogon b. <u>to</u> Bothriochloa b.	<i>Festuca pratensis</i> <u>to</u> <i>F. arundinacea</i>
Apocynaceae (in part) <u>to</u> Asclepiadaceae	<i>Heteromeles a.</i> <u>to</u> <i>H. a.</i> var. <i>macrocarpa</i>
Arctostaphylos subcordata <u>to</u> <i>A. catalinae</i>	<i>Hordeum hystrix</i> <u>to</u> <i>H. geniculatum</i>
Aspidotis <u>to</u> cheilanthes	<i>Ipomoea hederacea</i> <u>to</u> <i>I. nil</i>
<i>Astragalus leucopsis</i> <u>to</u> <i>A. trichopodus</i> ssp. <i>leucopsis</i>	Liliaceae (in part) <u>to</u> Amaryllidaceae
<i>Baccharis viminea</i> <u>to</u> <i>B. glutinosa</i>	<i>Lolium multiflorum</i> <u>to</u> <i>L. perenne</i> ssp. <i>multiflorum</i>
<i>Bromus sterilis</i> <u>to</u> <i>B. tectorum</i>	<i>Lycium hassei</i> <u>to</u> <i>L. brevipes</i> var. <i>hassei</i>
<i>Carpobrotus chilensis</i> <u>to</u> <i>C. aequilaterus</i>	<i>Malvastrum</i> <u>to</u> <i>Eremalche</i>
<i>Catapodium</i> <u>to</u> <i>Scleropoa</i>	<i>Mesembryanthemum</i> <u>to</u> <i>Gasou</i>
<i>Chenopodium berlandieri</i> ssp. <i>zschakei</i> <u>to</u> <i>C. b.</i> var. <i>sinuatum</i>	<i>Oenothera</i> <u>to</u> <i>Camissonia</i>
<i>Cleome isomeris</i> <u>to</u> <i>Isomeris arborea</i>	<i>Oenothera leptocarpa</i> <u>to</u> <i>Camissonia californica</i>
<i>Cortaderia selbana</i> <u>to</u> <i>C. atacamensis</i>	<i>Ponstemon</i> <u>to</u> <i>Kockiella</i>
<i>Crypsis aculeata</i> <u>to</u> <i>C. niliaca</i>	<i>Pityrogramma viscosa</i> <u>to</u> <i>P. triangularis</i> var. <i>viridis</i>
<i>Datura wrightii</i> <u>to</u> <i>D. meteloides</i>	<i>Polygonum coccineum</i> <u>to</u> <i>P. amphibium</i> var. <i>ensersum</i>
<i>Elymus multisetus</i> <u>to</u> <i>Sitanion jubatum</i>	<i>Prunus ilicifolia</i> ssp. <i>lyonii</i> <u>to</u> <i>P. lyonii</i>
<i>Erigeron</i> <u>to</u> <i>Conyza</i>	<i>Salsola pastifera</i> <u>to</u> <i>S. iberica</i>
<i>Erigeron discoides</i> <u>to</u> <i>Conyza coulteri</i>	<i>Taxicodendron radicans</i> <u>to</u> <i>T. diversilobum</i>
<i>Eriogonum latifolium</i> ssp. <i>grande</i> <u>to</u> <i>E. grande</i>	<i>Urtica dioica</i> <u>to</u> <i>U. holosericea</i>

Major Plant Communities of Santa Catalina Island

OAK WOODLAND. Protected canyons & valleys north & east-facing slopes. Characteristic species:

<i>Prunus lyonii</i>	411	<i>Lyonothamnus floribundus</i>	409
<i>Quercus tomentella</i>	294	<i>Comarostaphylis diversifolia</i>	236
<i>Q. chrysolepis</i>	288	<i>Heteromeles arbutifolia</i>	407
<i>Q. dumosa</i>	290	<i>Chenopodium californicum</i>	211

RIPARIAN WOODLAND. Along streams as in Middle Ranch & Cottonwood Canyons. Characteristic species:

<i>Populus trichocarpa</i>	422	<i>Sambucus mexicana</i>	178
<i>P. fremontii</i>	421	<i>Quercus macdonaldii</i>	293
<i>Salix lasiolepis</i>	425	<i>Clematis ligusticifolia</i>	395
<i>S. laevigata</i>	424	<i>Rubus ursinus</i>	415

CHAPARRAL. On north- & east-facing slopes draining toward the Channel. Characteristic species:

<i>Quercus dumosa</i>	290	<i>Rhus integrifolia</i>	20
<i>Toxicodendron diversilobum</i>	29	<i>R. laurina</i>	21
<i>Crossosoma californicum</i>	232	<i>R. ovata</i>	22
<i>Arctostaphylos catalinae</i>	235	<i>Xylococcus bicolor</i>	237

COASTAL SAGE SCRUB. Canyon slopes and sea bluffs where soil shallow & rocky. Characteristic species:

<i>Rhus integrifolia</i>	20	<i>Salvia apiana</i>	319
<i>R. laurina</i>	21	<i>S. mellifera</i>	322
<i>Opuntia littoralis</i>	169	<i>Isomeris arborea</i>	175
<i>Artemisia californica</i>	42	<i>Eriogonum giganteum</i>	380
<i>Encelia californica</i>	67	<i>Solanum wallacei</i>	452

GRASSLAND. Exposed ridges & slopes and openings in Chaparral & Oak Woodlands. Characteristic species:

<i>Avena barbata</i>	488	<i>Hordeum glaucum</i>	521
<i>A. fatua</i>	489	<i>Stipa lepida</i>	552
<i>Bromus rubens</i>	498	<i>S. pulchra</i>	553
<i>B. mollis</i>	496	<i>Erodium cicutarium</i>	297
<i>B. diandrus</i>	495	<i>Medicago polymorpha</i>	272

Plant Communities of Santa Catalina Island

MARITIME DESERT SCRUB.

On headlands & sea bluffs exposed to prevailing western winds.

<i>Opuntia prolifera</i>	172	<i>Encelia californica</i>	67
<i>O. littoralis</i>	169	<i>Artemisia californica</i>	42
<i>Bergerocactus emoryii</i>	166	<i>Rhus integrifolia</i>	20
<i>Lycium californicum</i>	447	<i>Haplopappus venetus</i>	84

FRESHWATER MARSH and Aquatic Comm.

In slow moving stream, ponds & reservoirs.

<i>Potamogeton pectinatus</i>	556	<i>Cotula coronopifolia</i>	66
<i>Ruppia maritima</i>	557	<i>Rorippa nasturtium-aquaticum</i>	156
<i>Azolla filiculoides</i>	13	<i>Juncus spp</i>	474
<i>Equisetum laevigatum</i>	2	<i>Eleocharis palustris</i>	470

COASTAL SALTFLAT SUCCULENT

(Coastal Salt Marsh) Restricted largely to a few small salinas

<i>Amblyopappus pusillus</i>	37	<i>Frankenia grandifolia</i>	295
<i>Jaumea carnosa</i>	91	<i>Distichlis spicata</i>	506
<i>Salicornia spp</i>	213	<i>Monarthochloa littoralis</i>	530
<i>Suaeda californica</i>	216	<i>Spergularia macrotheca</i>	190

COASTAL DUNE SAND PLANT.

(Coastal Strand) Dunes & upper sandy beaches

<i>Gasoul crystallinum</i>	17	<i>Cakile maritima</i>	143
<i>G. nodiflorum</i>	18	<i>Atriplex leucophylla</i>	200
<i>Ambrosia chamissonis</i>	39	<i>A. semibaccata</i>	204
<i>Haplopappus venetus</i>	84	<i>Abronia maritima</i>	337
<i>Heliotropium curassavicum</i>	133	<i>A. umbellata</i>	338
<i>Cressa truxillensis</i>	222	<i>Distichlis spicata</i>	506

MARINE AQUATIC Communities.

Usually totally immersed in sea water along the coast. Only 3 species of vascular plants with many algae species

<i>Phyllospadix scouleri</i>	560	<i>Zostera marina</i>	562
<i>P. torreyi</i>	561		

Channel Island Endemics growing on Santa Catalina Island

Species or Subspecies found only on Catalina marked *

	NAME	Common Name	FAMILY	PLANT TYPE	FREQUENCY		
						COMM	FREQ
1	<i>Arctostaphylos catalinae</i>	Catalina Manzanita	Ericaceae	*S	COMM		
2	<i>Ceanothus arboreus</i>	Catalina Ceanothus	Rhamnaceae	S	FREQ		
3	<i>Ceanothus megacarpus</i> subsp <i>insularis</i>	Big Pod Ceanothus	Rhamnaceae	S	FREQ		
4	<i>Cercocarpus traskiae</i>	Catalina Mahogany	Rosaceae	*S	RARE		
5	<i>Crossosoma californicum</i>	Catalina Wild Apple	Crossosomataceae	S	COMM		
6	<i>Dissantheium californicum</i>	Calif. Dissantheium	Poaceae	A	RARE		
7	<i>Dudleya greenei</i>	Greene's Liveforever	Crassulaceae	P	RARE		
8	<i>Dudleya hassei</i>	Catalina Liveforever	Crassulaceae	*P	FREQ		
9	<i>Eriodictyon traskiae</i> var <i>traskiae</i>	Catalina Yerba Santa	Hydrophyllaceae	*S	INFREQ		
10	<i>Eriogonum giganteum</i> subsp <i>giganteum</i>	St. Catherine's Lace	Polygonaceae	*S	COMM		
11	<i>Eriophyllum nevinii</i>	Dusty Miller	Asteraceae	S	INFREQ		
12	<i>Eschscholzia ramosa</i>	Island Poppy	Papaveraceae	A	FREQ		
13	<i>Galium catalinense</i>	Catalina Bedstraw	Rubiaceae	*P	COMM		
14	<i>Galvesia speciosa</i>	Catalina Snapdragon	Scrophulariaceae	S	INFREQ		
15	<i>Gilia nevinii</i>	Island Gilia	Polemoniaceae	A	INFREQ		
16	<i>Helianthemum greenei</i>	Island Rock Rose	Cistaceae	SS	RARE		
17	<i>Hemizonia clementina</i>	Island Tarweed	Asteraceae	S	COMM		
18	<i>Jepsonia malvaefolia</i>	Island Jepsonia	Saxifragaceae	P	FREQ		
19	<i>Lavatera assurgentiflora</i>	Malva Rosa	Malvaceae	S	RARE		
20	<i>Lotus argophyllus</i> subsp <i>ornithopus</i>	Silver Lotus	Fabaceae	P	COMM		
21	<i>Lycium brevipes</i> var <i>hassei</i>	Island Boxthorn	Solanaceae	S	RARE		
22	<i>Lyonothamnus floribundus</i> subsp <i>floribundus</i>	Catalina Ironwood	Rosaceae	*T	FREQ		
23	<i>Mimulus traskiae</i>	Catalina Monkey Flower	Scrophulariaceae	A	RARE		
24	<i>Phacelia lyonii</i>	Lyon's Phacelia	Hydrophyllaceae	A	FREQ		
25	<i>Quercus tomentella</i>	Island Oak	Fagaceae	T	INFREQ		
26	<i>Rhamnus pirifolia</i>	Island Red Berry	Rhamnaceae	S	COMM		
27	<i>Scrophularia villosa</i>	Island Figwort	Scrophulariaceae	P	FREQ		
28	<i>Sibara filifolia</i>	Island Rock Cress	Brassicaceae	A	RARE		
29	<i>Solanum wallacei</i> var <i>wallacei</i>	Catalina Nightshade	Solanaceae	*S	FREQ		
30	<i>Trifolium palmeri</i>	Palmer's Clover	Fabaceae	A	RARE		

Plant Families of the Santa Catalina Island

With number of genera, species and introduced species

BOB MUNS 1984

FERNS & Related Species			CATALINA IS.			SO. CALIF.		WORLD	
			GEN	SPP	INTRO	GEN	SPP	GEN	SPP
1	ASPIDACEAE	Fern Family #1	1	1	0	7	12	60	
2	EQUISETACEAE	Horsetail Family	1	2	0	1	4	1	25
3	POLYPODIACEAE	Fern Family #2	1	1	0	1	3		
4	PTERIDIACEAE	Fern Family #3	6	8	0	8	25		
5	SALVINIACEAE	Duck Fern Family	1	1	0	1	1	2	16
6	SELAGINELLACEAE	Spike-Moss Fam	1	1	0	1	6	1	600
	TOTALS		11	14	0				
DICOTS									
7	AIZOACEAE	Carpet-Weed Fam	3	4	3	11	15	100	600
8	AMARANTHACEAE	Amaranth Family	1	1	1	4	20	40	500
9	ANACARDIACEAE	Sumac Family	3	6	1	3	6	70	600
10	APIACEAE	Carrot Family	7	8	3	32	69	250	2000
11	APOCYNACEAE	Dogbane Family	1	1	1	4	8	150	3500
12	ASCLEPIADACEAE	Milkweed Family	2	2	0	5	14	200	2500
13	ASTERACEAE	Sunflower Fam	50	90	26	149	488	950	20,000
14	BORAGINACEAE	Borage Family	6	13	0	12	78	100	2000
15	BRASSICACEAE	Mustard Fam	17	28	15	38	149	350	1800
16	CACTACEAE	Cactus Family	2	7	1	10	34	120	1500
17	CALLITRICHACEAE	Water-Starwort	1	1	0	1	5	1	20
18	CAMPANULACEAE	Bellflower Fam	1	1	0	7	20	60	2000
19	CAPPARIDACEAE	Caper Family	1	1	0	5	10	35	450
20	CAPRIFOLIACEAE	Honeysuckle Fam	3	4	0	3	11	14	1450
21	CARYOPHYLLACEAE	Pink Family	8	15	7	16	56	75	1750
22	CHENOPODIACEAE	Goosefoot Fam	8	22	7	18	75	100	1400
23	CISTACEAE	Rock Rose Fam	1	2	0	2	3	8	160
24	CONVOLVULACEAE	Morning Glory	6	7	2	6	31	50	1650
25	CORNACEAE	Dogwood Family	1	1	0	1	4	16	80
26	CRASSULACEAE	Stonecrop Fam	2	5	0	4	29	25	1500
27	CROSSOSOMATACEAE	Crossosoma Fam	1	1	0	1	2	1	2
28	CUCURBITACEAE	Gourd Family	1	1	0	5	10	90	700
29	ELATINACEAE	Waterwort Fam	1	1	0	2	6	2	30
30	ERICACEAE	Heath Family	3	3	0	11	27	70	2000
31	EUPHORBIACEAE	Spurge Family	3	7	2	10	48	280	8000
32	FABACEAE	Pea Family	12	44	13	32	226	500	13000
33	FAGACEAE	Oak Family	1	7	0	3	14	5	400
34	FRANKENIACEAE	Frankenia Fam	1	1	0	1	1	4	65
35	GENTIANACEAE	Gentian Family	1	1	0	4	12	65	900
36	GERANIACEAE	Geranium Family	3	5	4	3	16	11	750

Plant Families of Santa Catalina Island

BOB MUNS 1984

DICOTS			SANTA CATALINA			SO. CALIF.		WORLD	
			GEN	SPP	INTR	GEN	SPP	GEN	SPP
37	HYDROPHYLLACEAE	Phacelia Family	6	11	0	12	82	25	300
38	JUGLANDACEAE	Walnut Family	1	1	0	1	1	6	40
39	LAMIACEAE	Mint Family	7	11	4	25	79	150	3000
40	LINACEAE	Flax Family	1	1	0	2	5	14	150
41	LOASACEAE	Stick-leaf Fam.	1	2	0	3	32	14	250
42	LYTHRACEAE	Loosestrife Fam.	1	1	0	2	3	23	475
43	MALVACEAE	Mallow Family	6	6	2	12	39	50	1000
44	MORACEAE	Mulberry Family	1	1	1	4	5	73	1000
45	MYRTACEAE	Myrtle Family	1	1	1	1	2	75	3000
46	NYCTAGINACEAE	Four-O'Clock	2	3	0	8	28	20	290
47	ONAGRACEAE	Evening Primrose	5	8	1	11	85	20	600
48	OROBANCHACEAE	Broomrape Fam.	1	3	0	2	11	13	140
49	OXALIDACEAE	Wood-Sorrel	1	3	2	1	4	10	500
50	PAPAVERACEAE	Poppy Family	6	7	3	13	26	25	400
51	PITTIOSPORACEAE	Pittosporum Fam.	1	1	1	2	3	9	200
52	PLANTAGINACEAE	Plantain Fam.	1	4	2	1	14	3	250
53	PLATANACEAE	Sycamore Fam.	1	1	0	1	1	1	9
54	PLUMBAGINACEAE	Leadwort Family	1	2	2	2	4	10	300
55	POLEMONIACEAE	Phlox Family	5	9	0	12	104	18	350
56	POLYGONACEAE	Buckwheat Fam.	5	11	3	10	134	40	800
57	PORTULACACEAE	Purslane Fam.	3	4	1	8	20	20	350
58	PRIMULACEAE	Primrose Family	2	2	1	4	9	25	1000
59	RANUNCULACEAE	Buttercup Fam.	3	3	0	9	35	35	1500
60	RESEDACEAE	Mignonette Fam.	2	2	1	2	3	6	65
61	RHAMNACEAE	Buckthorn Fam.	2	3	0	6	27	45	900
62	ROSACEAE	Rose Family	10	13	2	30	76	100	3000
63	RUBIACEAE	Coffee Family	1	4	1	3	28	400	5000
64	RUTACEAE	Rue Family	1	1	1	3	3	110	900
65	SALICACEAE	Willow Family	2	5	0	2	18	2	530
66	SAURURACEAE	Lizard-Tail Fam.	1	1	0	1	1	3	4
67	SAXIFRAGACEAE	Saxifrage Fam.	3	3	0	10	26	80	1200
68	SCROPHULARIACEAE	Snapdragon Fam.	8	15	1	20	152	200	3000
69	SOLANACEAE	Nightshade Fam.	4	8	2	10	46	100	3000
70	TROPAEOLACEAE	Nasturtium Fam.	1	1	1	1	1	1	50
71	URTICACEAE	Nettle Family	3	4	1	4	5	42	600
72	VALERIANACEAE	Valerian Family	1	1	1	2	4	9	30
73	VEBENACEAE	Vervain Family	2	3	1	3	12	80	800
74	VIOLACEAE	Violet Family	1	1	1	1	12	15	900
75	VITACEAE	Grape Family	1	1	1	1	1	11	500
TOTALS			256	452	124				
MONOCOTS									
76	AMARYLLIDACEAE	Amaryllis Fam.	4	5	0	9	36	90	1200
77	CYPERACEAE	Sedge Family	3	5	0	8	96	60	2600

Plant Families of Santa Catalina Island

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MONOCOTS			SANTA CATALINA			SO. CALIF.		WORLD	
			GEN	SPP	INTR	GEN	SPP	GEN	SPP
78	IRIDACEAE	Iris Family	1	1	0	6	13	58	1200
79	JUNCACEAE	Rush Family	1	6	0	2	31	8	400
80	LILIACEAE	Lily Family	3	4	1	10	34	240	4000
81	ORCHIDACEAE	Orchid Family	1	1	0	7	10	450	15000
82	POACEAE	Grass Family	34	70	39	87	298	600	8000
83	POTAMOGETONACEAE	Pondweed Family	2	4	1	2	11	8	100
84	TYPHACEAE	Cat-Tail Family	1	2	0	1	3	1	10
85	ZOSTERACEAE	Eel-Grass Fam.	2	3	0	1	2	2	
TOTALS			52	101	41				

California Channel Island Floras A Comparison

Channel Islands	Area in Sq. Miles	Distance to Mainland	Number of Native Species	Endemic Species ssp or var	Island Endemic spp, ssp, var
Northern Group					
1 Santa Cruz	96	19	420	7	31
2 Santa Rosa	84	27	340	3	26
3 San Miguel	14	26	190	-	9
4 Anacapa	1.1	13	70	-	8
Southern Group					
5 Santa Catalina	75	20	397	7	30
6 San Clemente	56	49	233	11	40
7 San Nicolas	22	61	120	2	10
8 Santa Barbara	1.0	38	57	1	11
Santa Monica Mtns	320		634		

* There is a total of 76 species, subspecies or varieties of California Island endemics.

About 24% of the Catalina flora (spp, ssp or var) are not found in the Santa Monica Mountains (135 spp or ssp)

Santa Catalina Island FLORA

Major FAMILIES

BOB MUNS 1984

	Number of Species			
	TOTAL	CATALINA I INTRO NATIVE	SO. CALIF	WORLD
1 ASTERACEAE Sunflower Fam Fls in dense head on a common receptacle w phyllaries	90	26 64	488	20000
2 POACEAE Grass Family Fls grouped into spikelets. Fl between 2 bracts. PE & SE 0	70	39 31	298	8000
3 FABACEAE Pea Family Fls irreg. PE 5, mostly sep. ST 10. Ovary superior. Fruit a legume	44	13 31	226	13000
4 BRASSICACEAE Mustard Fam Fls reg. PE 4, free. ST 4+2. Fls in racemes. Fruit a capsule	28	15 13	129	1800
5 CHENOPODIACEAE Goosefoot Fam Fls reg. PE 0, SE 5, ST 5, PI 1, superior. Fruit a nutlet	22	7 15	75	1400
6 SCROPHULARIACEAE Snapdragon Fls irreg. PE 5, united. ST usually 4, PE superior. Fr a dry caps	15	1 14	152	3000
7 CARYOPHYLLACEAE Pink Family Fls reg. PE 0-5, ST 4-10. PI superior. Fr usually a capsule	15	7 8	56	1750
8 BORAGINACEAE Borage Family Fls reg. 5 united PE, ST 5, PI superior. Fruit 4 nutlets	13	0 13	78	2000
9 ROSACEAE Rose Family Fls reg. w floral-tube, PE usually 5, ST 10-many, PI 1-many	13	2 11	76	3000
10 HYDROPHYLLACEAE Phacelia Fam Fls reg, 5 united. PE. SE 5, PI superior, style 2-branched.	11	0 11	82	300
11 POLYGONACEAE Buckwheat Fam Fls reg, often in invol. Perianth 2-6, ST 6-9, PI superior	11	3 8	134	800
12 LAMIACEAE Mint Family Fls irreg, 5-united. PE, ST 2+2, PI superior. Fruit 4-nutlets	11	4 7	79	3000
13 POLEMONIACEAE Phlox Family Fls reg, 5-united. PE, SE 5, PI superior, style 3-branched	9	0 9	104	350
14 ONAGRACEAE Evening Primrose Fls reg, PE 4, sep. ST 8, PI inferior. Fruit a capsule	8	1 7	85	600
15 SOLANACEAE Nightshade Fam Fls reg, PE 5, united, ST 5, Ovary superior. Fr a berry or caps	8	2 6	46	3000

Genus Index Santa Catalina Island Flora

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Abronia.....	337	Bromus.....	493	Dactylis.....	504
Acacia.....	245	Cakile.....	143	Datura.....	445
Achillea.....	36	Calandrinia.....	389	Daucus.....	28
Adenostema.....	403	Callitriche.....	173	Delphinium.....	396
Adiantum.....	5	Calochortus.....	481	Dendromecon.....	354
Agrostis.....	485	Calystegia.....	219	Descurainia.....	146
Alchemilla.....	409	Camissonia.....	340	Dichelostemma.....	467
Allium.....	464	Capsella.....	144	Dichondra.....	224
Allophyllum.....	369	Cardamine.....	145	Dissanthelium.....	505
Althaea.....	329	Carex.....	468	Distichlis.....	506
Amaranthus.....	17	Carpobrotus.....	16	Dodecatheon.....	394
Amblyopappus.....	37	Castilleja.....	432	Draba.....	147
Ambrosia.....	38	Caucalis.....	27	Dryopteris.....	1
Ammannia.....	328	Ceanothus.....	400	Dudleya.....	229
Amsinckia.....	125	Centaurea.....	50	Echinochloa.....	507
Anagallis.....	393	Centaurium.....	296	Ehrharta.....	508
		Cerastium.....	181	Elatine.....	234
Anemopsis.....	426	Cercocarpus.....	405	Eleocharis.....	470
Anthemis.....	41	Chaetopappa.....	53	Elymus.....	509
Antirrhinum.....	430	Cheilanthes.....	7	Emmenanthe.....	302
Aphanisma.....	195	Chenopodium.....	209	Encelia.....	67
Apiastrum.....	25	Chlorogalum.....	483	Epilobium.....	344
Aptenia.....	15	Chorizanthe.....	378	Equisetum.....	2
Arctostaphylos.....	235	Chrysanthemum.....	54	Eremocarpus.....	238
Arenaria.....	180	Cirsium.....	56	Eriastrum.....	370
Aristida.....	487	Clarkia.....	342	Erigeron.....	68
Artemisia.....	42	Claytonia.....	391	Eriodictyon.....	303
Asclepias.....	34	Clematis.....	395	Eriogonum.....	380
Asparagus.....	480	Comarostaphylis.....	236	Eriophyllum.....	6
Astragalus.....	246	Convolvulus.....	221	Erodium.....	297
Athysanus.....	158	Conyza.....	60	Erysimum.....	148
Atriplex.....	196	Coreopsis.....	63	Eschscholzia.....	355
Avena.....	488	Corethrogyne.....	64	Eucalyptus.....	336
Azolla.....	13	Cornus.....	226	Eucryphia.....	304
Baccharis.....	45	Coronilla.....	249	Euphorbia.....	239
Bassia.....	207	Cortaderia.....	501	Festuca.....	512
Bergerocactus.....	166	Cotula.....	65	Ficus.....	335
Beta.....	208	Crassula.....	227	Filago.....	71
Bloomeria.....	465	Cressa.....	222	Foeniculum.....	29
Bothriochloa.....	491	Crossosoma.....	232	Frankenia.....	295
Bowlesia.....	26	Crypsis.....	502	Galium.....	416
Brachypodium.....	492	Cryptantha.....	127	Galvesia.....	434
Brassica.....	139	Cuscuta.....	223	Gasoul.....	17
Brickellia.....	49	Cynodon.....	503	Gastridium.....	518
Brodiaea.....	466	Cytisus.....	250	Gaura.....	345

Genus Index ~ Santa Catalina Island Flora

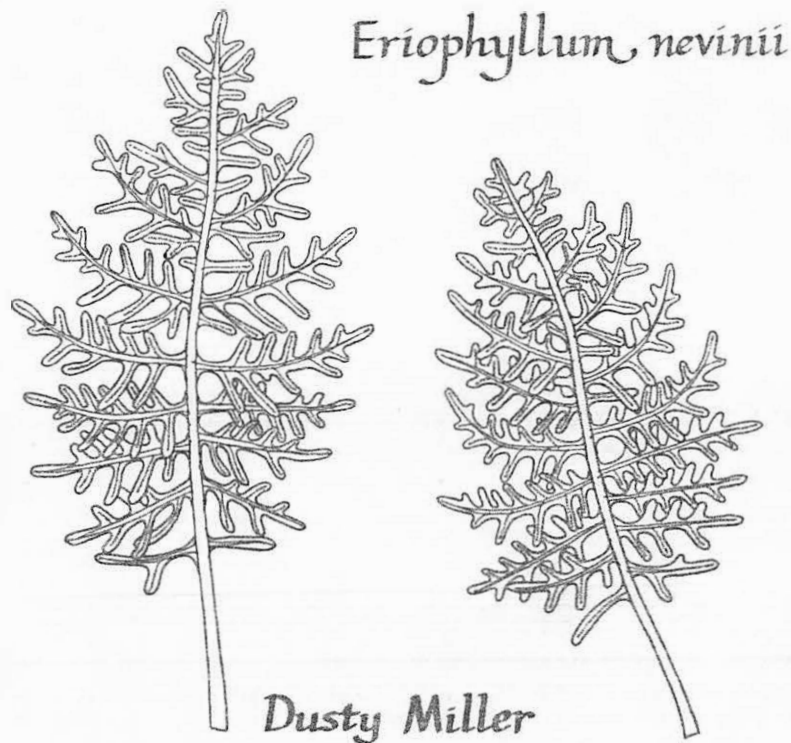
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Geranium.....	300	Lyonothamnus.....	409	Platystemon.....	358
Gilia.....	371	Madia.....	95	Pluchea.....	105
Gnaphalium.....	74	Malacothamnus.....	332	Poa.....	540
Grindelia.....	81	Malacothrix.....	97	Polycarpon.....	192
Habenaria.....	484	Malva.....	333	Polygonum.....	382
Haplopappus.....	82	Marah.....	233	Polypodium.....	4
Harpagonella.....	132	Marrubium.....	315	Polypogon.....	542
Helenium.....	85	Matricaria.....	98	Populus.....	421
Helianthemum.....	217	Medicago.....	272	Portulaca.....	392
Helianthus.....	86	Melica.....	529	Potamogeton.....	554
Heliotropium.....	133	Melilotus.....	274	Potentilla.....	410
Hemizonia.....	87	Mentha.....	316	Prunus.....	411
Hesperocnide.....	454	Mentzelia.....	326	Psilocarphus.....	107
Hesperolinon.....	325	Microseris.....	99	Pteridium.....	12
Heteromeles.....	407	Mimulus.....	438	Pterostegia.....	385
Heterotheca.....	89	Mirabilis.....	339	Quercus.....	288
Holodiscus.....	408	Monanthochloe.....	530	Rafinesquia.....	108
Hordeum.....	519	Muhlenbergia.....	531	Ranunculus.....	397
Hypochoeris.....	90	Navarretia.....	376	Raphanus.....	154
Ipomoea.....	225	Nemophila.....	305	Reseda.....	399
Isomeris.....	175	Nicotiana.....	448	Rhamnus.....	402
Jaumea.....	91	Notholaena.....	8	Rhus.....	20
Jepsonia.....	427	Oligomeris.....	398	Ribes.....	429
Juglans.....	313	Opuntia.....	167	Ricinus.....	244
Juncus.....	474	Orobanche.....	348	Romneya.....	359
Keckiella.....	435	Orthocarpus.....	443	Rorippa.....	156
Kentranthus.....	458	Oxalis.....	351	Rosa.....	413
Lactuca.....	92	Papaver.....	357	Rubus.....	414
Lamarckia.....	525	Parapholis.....	532	Rumex.....	386
Lasthenia.....	93	Parietaria.....	455	Ruppia.....	557
Lathyrus.....	252	Paspalum.....	533	Ruta.....	420
Lavatera.....	331	Pectocarya.....	134	Sagina.....	184
Layia.....	94	Pelargonium.....	301	Salicornia.....	213
Lepechinia.....	314	Pellaea.....	9	Salix.....	423
Lepidium.....	149	Perezia.....	102	Salsola.....	215
Limonium.....	367	Perityle.....	103	Salvia.....	319
Linanthus.....	374	Phacelia.....	306	Sambucus.....	178
Linaria.....	436	Phalaris.....	535	Sanicula.....	30
Lippia.....	459	Pholistoma.....	311	Sarcostemma.....	35
Lithophragma.....	428	Phyllospadix.....	560	Satureja.....	323
Lobularia.....	153	Picris.....	104	Schinus.....	23
Lolium.....	526	Pityrogramma.....	11	Schismus.....	545
Lonicera.....	176	Plantago.....	362	Scirpus.....	471
Lotus.....	254	Plagiobothrys.....	136	Scleropoa.....	546
Lupinus.....	265	Platanus.....	366	Scrophularia.....	444
Lycium.....	446			Secale.....	547

Genus Index ~ Santa Catalina Island Flora

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Selaginella.....	14	Stellaria.....	193	Tropidocarpum.....	165
Senecio.....	109	Stephanomeria.....	117	Typha.....	558
Sibara.....	157	Stipa.....	551	Urtica.....	456
Sida.....	334	Stylocline.....	119	Verbena.....	460
Silene.....	185	Stylomecon.....	360	Vicia.....	286
Silybum.....	112	Suaeda.....	216	Vinca.....	33
Sisymbrium.....	158	Symphoricarpos.....	179	Viola.....	462
Sisyrinchium.....	473	Taraxacum.....	120	Vitis.....	463
Sitanion.....	548	Thelesperma.....	122	Xanthium.....	123
Solanum.....	450	Thelypodium.....	162	Xylococcus.....	237
Solidago.....	113	Thysanocarpus.....	163	Zauschneria.....	346
Sollya.....	361	Torilis.....	32	Zostera.....	562
Sonchus.....	114	Toxicodendron.....	24		
Sorghum.....	549	Trichostema.....	324	Eremalche.....	330
Spartium.....	276	Trifolium.....	277	Nepeta.....	318
Spergula.....	188	Triodanis.....	174	Number of GENERA.....	319
Spergularia.....	189	Tropaeolum.....	453		



Santa Catalina Island Major Genera

		Number of Species		
		Catalina (intro spp)	Southern Calif	WORLD
1	LOTUS..... Lotus FABACEAE • Mostly herbs. Lvs pinnately cpd. Fls usually yellow	11 (1)	22	150
2	ATRIPLEX..... Saltbush CHENOPODIACEAE • Herbs & shrubs of alkaline places. Many are weedy	11 (3)	25	100
3	TRIFOLIUM..... Clover FABACEAE • Herbs. Leaves trifoliolate. Fls in dense heads	9 (1)	25	300
4	BROMUS..... Brome POACEAE • Herbs, sheaths closed. Lemmas 2-toothed. Many weeds	8 (4)	25	100
5	QUERCUS..... Oak FAGACEAE • Trees or shrubs. Lvs simple, monoecious; Fruit an acorn	7 (0)	12	300
6	GNAPHALIUM..... Everlasting ASTERACEAE • Woolly herbs, heads discoids. Phyllaries scarious	7 (1)	13	100
7	LUPINUS..... Lupine FABACEAE • Mostly herbs. Lvs palmately cpd. Fls mostly blue to purple	7 (0)	48	225
8	JUNCUS..... Rush JUNCACEAE • Grass-like herbs, of moist places; fruit a capsule	6 (0)	28	200
9	OPUNTIA..... Prickly Pear~Cholla CACTACEAE • Spiny, succulent, perennials. Stems flat pads or cylindrical	6 (1)	21	300
10	FESTUCA..... Fescue POACEAE • Herbs; spikelets in panicles. Lemmas awned	6 (2)	17	100
11	HORDEUM..... Barley POACEAE • Herb, often intro weeds; Spikelets in dense spikes	6 (4)	10	25
12	CRYPTANTHA..... Popcorn Flower BORAGINACEAE • mostly annuals, corolla white, infl a fiddle-neck	5 (0)	35	65
13	MIMULUS..... Monkey Flower SCROPHULARIACEAE • Herbs or subshrubs, corolla irreg, Lvs opp	5 (0)	35	150
14	PHACELIA..... Phacelia HYDROPHYLLACEAE • Herbs "wild flowers", corolla reg, mostly blue to purple	5 (0)	56	200
15	EUPHORBIA..... Spurge EUPHORBIAEAE • Mostly herbs with milky sap. Monoecious	5 (1)	30	1000

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Common Name Index Santa Catalina Island Flora

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Abu-Mashi..... 545	Bracken..... 12	Caterpillar Phacelia..... 306
Alfalfa..... 273	Brassbutton..... 65,66	Catchfly..... 185-187
Aliso..... 366	Brickellbush..... 49	Catnip..... 318
Alkali Heath..... 295	Bristly Ox-Tongue..... 104	Cat's Ear..... 90
Alkali Mallow..... 334	Brodiaea..... 466	Cattail..... 558,559
Alkali Weed..... 222	Brome..... 493-500	Capeweed..... 459
Amole..... 483	Broomrape..... 348-350	Ceanothus..... 400,401
Arrow-Lf. Saltbush..... 202	Buckthorn..... 402	Chanise..... 403
Arrow Weed..... 106	Bull Nettle..... 451	Charlock..... 140,154
Arroyo Lupine..... 270	Bull Thistle..... 59	Cheat Grass..... 499
Asparagus..... 480	Bulrush..... 471,472	Cheeses..... 333
Aster..... 61,68	Bur-Clover..... 272	Cheeseweed..... 335
Australian Brassbutton..... 65	Bur Weed..... 38	Cherry..... 411
Australian Saltbush..... 204	Bush Lupine..... 266	Chia..... 321
Baby Blue Eyes..... 305	Bush Mallow..... 332	Chickweed..... 193,194
Barley..... 519-524	Bush Monkey Flower..... 441	Chicory..... 108
Barnaby's Thistle..... 52	Bush Poppy..... 354	Chilian Brome..... 500
Barnyard Grass..... 507	Bush Snapdragon..... 434	Chinese Caps..... 239
Beach Bur..... 39	Bush Sunflower..... 67	Cholla..... 172
Beach Morning Glory..... 220	Buttercup..... 397	Christmas Berry..... 407
Beach Saltbush..... 200	Butterweed..... 110	Chrysanthemum..... 54,55
Beard Grass..... 491,542	Calif. Bee Plant..... 444	Cinquefoil..... 410
Bedstraw..... 416-419	Calif. Fuchsia..... 346,347	Clarkia..... 342,343
Beet..... 208	Calif. Holly..... 407	Claviers..... 417
Bent Grass..... 485,544	Calif. Lilac..... 400,401	Cliff-Aster..... 97
Bergamot Mint..... 316	Calif. Poppy..... 355	Cliff-Brake..... 10
Bermuda Buttercup..... 353	Calif. Sagebrush..... 42	Cliff Spurge..... 240
Bermuda Grass..... 503	Canary Grass..... 536-539	Cloak-Fern..... 8
Big Pod Ceanothus..... 401	Canchalagua..... 296	Clover..... 277-285
Big Root..... 233	Canyon Oak..... 288	Coast Goldenbush..... 84
Bindweed..... 222	Castor Bean..... 244	Coast Weed..... 37
Bird's Foot Fern..... 10	Catalina Bedstraw..... 418	Cocklebur..... 124
Bird's Foot Trefoil..... 255	" Bush Mallow..... 332	Coffee Fern..... 9
Black Berry..... 415	" Ceanothus..... 400	Comb-Bur..... 134,135
Black Cottonwood..... 422	" Cherry..... 411	Coral Vine..... 435
Black Mustard..... 141	" Crabapple Bush..... 232	Coreopsis..... 63
Black Sage..... 322	" Currant..... 429	Corn Spurrey..... 188
Bladder Pod..... 175	" Ironwood..... 409	Cotton Batting Plant..... 76
Blazing Star..... 327	" Mahogany..... 406	Cottonwood..... 421,422
Blue Ball Creeper..... 361	" Manzanita..... 235	Coyote Brush..... 48
Blue Dickcissel..... 467	" Mariposa Lily..... 482	Crabapple Bush..... 232
Blue-Eyed-Grass..... 473	" Monkey Flower..... 442	Cranesbill..... 300
Blue Grass..... 540,541	" Nightshade..... 452	Cream Bush..... 408
Blue Oak..... 289	" Snapdragon..... 434	Cream Cups..... 358
Boxthorn..... 446,447	" Tarweed..... 87	Creek Monkey Fl..... 440

Common Name Index Santa Catalina Island Flora

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Cudweed.....77,79,80	French Broom.....251	Island Buckwheat.....381
Cudweed Aster.....64	Fringe Pod.....164	Butterweed.....110
Curly Dock.....387	Garland.....54	" Oak.....294
Currant.....429	Geranium.....301	" Plantain.....364
Daisy.....103	Giant Coreopsis.....63	" Poppy.....356
Dallis Grass.....533	Giant Wild Rye.....509	" Ragwort.....110
Dandelion.....120,121	Gilia.....369,371-373	" Red Berry.....402
Darnel.....528	Globe Gilia.....372	" Rock Cress.....157
Deerbrush.....262	Goldback Fern.....11	" Rock Rose.....217
Deerweed.....262	Goldenbush.....82-84	Italian Ryegrass.....526
Dichondra.....224	Goldenrod.....113	Timsonweed.....445
Ditch Grass.....557	Golden Spined Cereus.....106	Johnny-Jump-Up.....462
Dobie Pod.....165	Golden Stars.....465	Johnson Grass.....550
Dock.....386-388	Golden Star Lily.....465	Kisses.....389
Dodder.....223	Golden Top Grass.....525	Knotgrass.....534
Dog Fennel.....41	Golden Yarrow.....69	Knotweed.....382-384
Dogwood.....226	Goldfield.....93	Lace Fern.....7
Dove Weed.....238	Goosefoot.....210-212	Lace-Pod.....163
Duckweed Fern.....13	Grape.....463	Lady's Mantle.....409
Dusty Miller.....50,70	Greasewood.....403	Larkspur.....396
Dwarf Flax.....325	Green Everlasting.....75	Laurel Sumac.....21
Eelgrass.....562	Greenwold.....250	Lemonade Berry.....20
Elderberry.....178	Ground Pink.....375	Lenscale.....199
Engelmann Oak.....291	Groundsel.....111	Liveforever.....229-231
Evening Primrose.....340,341	Gum Plant.....81	Locoweed.....246-248
Everlasting.....74-80	Gumweed.....95	London Rocket.....159
Falsebrome.....492	Harding Grass.....535	Lotus.....251-264
Feather Grass.....552	Hard Tack.....405	Lowland Cudweed.....79
Felt-leaf Everlasting.....78	Heart lf. Penstemon.....435	Lupine.....265-271
Fennel.....29	Hedge Mustard.....160	Mac Donald's Oak.....293
Fescue.....517	Hedge-Parsley.....27,32	Maidenhair Fern.....6
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