CATALOGUE OF THE PLANTS OF LOS ANGELES COUNTY, PART 1 - PHAENOGAMIA

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ANSTRUTHER DAVIDSON

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PLANTS OF LOS ANGELES COUNTY

BY

ANSTRUTHER DAVIDSON, C. M., M. D.

PART I—PHÆNOGAMIA.

INTRODUCTORY.

THE first list of the Flora of Los Angeles County was issued by the author in October, 1892, and comprised almost all the then known species on the mainland of the County. Since that time the district has been more thoroughly explored, and numerous additions have been made to the list, not a few of which are of species entirely new to science. In view of these additions the Botanical Section of the Southern California Academy of Sciences has deemed it advisable to issue a second list, to include the plants of both the mainland and the Islands of San Clemente and Catalina, which are embraced in the County area.

In the compilation of this list I desire to express my sincere thanks for the valuable aid rendered by Miss A. J. Merritt, Normal School, Los Angeles; Dr. Hasse, of Santa Monica, and Mr. S. B. Parish, of San Bernardino, who have not only placed the accumulated experience of years of investigation at my disposal, but have also revised the manuscript. To the latter gentleman, whose knowledge of the Flora of Southern California is not surpassed by that of any living authority, I am also indebted for the final revision of the proofs.

From the "Flora of Pasadena," issued by Mr. A. J. McClatchie, I have taken additional records of locality, and the records of species therein quoted which are not familiar to my colleagues or myself are duly acknowledged. Under these conditions this Catalogue may be considered at least fairly accurate.

Some of the species have one or two asterisks prefixed. One * indicates those recorded of which we have seen no authentic specimens, some of which we feel assured have been wrongly identified. The original authority is appended. Two ** indicate those recorded in the Botany of California, Brewer & Watson's second edition, which have not, so far as we are aware, been collected in recent years.

The names printed in italics indicate those species believed to be nonnatives of this county.

Local lists without a collection to indicate exactly the plants referred to are of doubtful scientific value. While we are without a museum or other public institution in which to deposit the collections on which this list is founded, the species indicated may be found in the herbaria of the collaborators.

In the present disturbed state of botanical nomenclature neither the method of arrangement nor the specific names chosen may be considered either modern enough, or ancient enough, to suit the pedagogues. For this

the author is alone to blame, his aim in this work having been to produce a useful field guide for the botanists of this coast, and not a critical treatise on species or varieties.

The localities given it is hoped are numerous enough to denote in a general way the rarity or frequency of the plant, its distribution and altitudinal range.

The time of flowering it has been thought advisable to omit, as the period of the winter rains, and the altitude of the district have as marked a determining influence as the aerial temperature.

The County of Los Angeles covers 4,000 square miles of land with a seacoast line of about 100 miles in length. In the land area are included the coast and San Gabriel mountains (the latter reaching to an altitude of 6,000 feet) and the Southern section of the Mojave Desert. The flora is in consequence a varied and extensive one, and comprises a larger number of species than are found in many of the Eastern States.

The number of species and varieties listed in the first Catalogue was 854. In the present list the numbers are 961, divided as follows:

Phænogamia	934
Filices	20
Equisetaceæ	4
Sellaginellaceæ	1
Marsileaceæ	1
Salviniaceæ	1

One new species, a hybrid of our common Audibertias, is here published for the first time.

The Botanical Section of the Academy of Sciences has in contemplation the completion of the Floral list by the publication of a second part at some time in the near future, when the resources of the county have been more fully explored.

ANSTRUTHER DAVIDSON, M. D.,
Los Angeles, Cal.

July 1, 1896.

CATALOGUE

OF THE

PLANTS OF LOS ANGELES COUNTY

ANSTRUTHER DAVIDSON, M. C., M. D.

PART I.

PHÆNOGAMIA.

RANUNCULACEÆ.

Clematis, Linn. *Virgin's Bower.*
ligusticifolia, Nutt. The common coast species.
lasiantha, Nutt. On inland mountains.
Thalictrum, Tourn. *Meadow-rue.*
polycarpum, Wats. In shady places on foothill streams.
Ranunculus, Linn. *Crowfoot. Buttercup.*
aquatilis, Linn., var. trichophyllus, Gray. Quiet pools and zanjas; not common. Californicus, Benth. Common.
var. latilobus, Gray. Rare; Mountains north of Newhall.
Cymbalaria, Pursh. In wet saline soils.
hebecarpus, H. & A., var. pusillus, B. & W. Oak Knoll.
Aquilegia, Tourn. *Columbine.*
truncata, F. & M. Oak Knoll; Arroyo Seco; Big Rock Creek.
Delphinium, Dios. *Larkspur.*
cardinale, Hook. (Scarlet Larkspur.) Limited to the foothills.
decorum, F. & M. Frequent in the foot-hill cañons.
hesperium, Gray. Near Gorman Station, alt. 3838 feet.
Parryi, Gray. Common on inland hillsides.
recurvatum, Greene. Frequent around Lancaster.
*variegatum, T. & G. Hillsides. (Fl. Pasa.)
Crossosoma, Nutt.
Californicum, Nutt. Catalina Island.
Pæonia, Tourn. *Pæony.*
Californica, Nutt. Generally distributed but local.

BERBERIDACEÆ.

Berberis, Tourn. *Barberry.*
Nevinii, Gray. San Fernando.
pinnata, Lag. Near Glendale.
repens, Lindl. Near Manzana.

PAPAVARACEÆ.

Papaver, Tourn. *Poppy.*
Californicum, Gray. Hills near Pasadena. (Fl. Pasa.)
heterophyllum, Greene. On shady banks; Elysian Park, &c.
Argemone, Tourn.
platyceras, L. & O., var hispida, Prain. In mountain washes.
corymbosa, Greene. Mojave Desert.
Platystemon, Benth.
Californicus, Benth. (Cream cups.) Very common.
denticulatus, Greene. Frequent in cañons and shady places.
Dendromecon, Benth.
rigidum, Benth. (Tree Poppy.) Arroyo Seco; San Fernando Valley and hills.
flexilis, Greene. Catalina Island.
Eschscholtzia, Cham. *California Poppy.*
Californica, Cham. Everywhere common; on the Desert abundant.
glyptosperma, Greene. Mojave Desert.
minutiflora, Wats. On the base of the desert mountains.
ramosa, Greene. San Clemente Island.
Canbya, Parry.
candida, Parry. Local near Lancaster.

CRUCIFERÆ.

Draba, Dill.
cuneifolia, Nutt. Dry grounds in hilly places, not common.
var. integrifolia, Wats. Pasadena; Santa Monica Range.
Athysanus, Greene.
pusillus, Greene. Hillsides, not common.
Thysanocarpus, Hook.
curvipes, Hook. Common.
laciniatus, Nutt. On banks; less common than the last.
radians, Benth. Rare, Gorman Station.
Lobularia, Desv.
maritima, Desv. (Sweet Alyssum). Occasional, casual.
Dithyrea, Harv.
Californica, Harv. Mojave Desert.
var. maritima, Davidson. Sand dunes, Santa Monica; Redondo.
Lepidium, Tourn. *Pepper-grass.*
dictyotum, Gray. Rancho de las Aguas.
var. acutidens, Gray. Lancaster.
flavum, Torr. Lancaster and Desert.
Fremonti, Wats. Mojave Desert.
lasiocarpum, Nutt. Azusa; Catalina Island; rare.
latipes, Hook. Brackish flats near Santa Monica.
medium, Greene. Very common on low grounds.
nitidum, Nutt. A common early species.
Capsella, Medic. *Shepherd's Purse.*
Bursa-pastoris, Medic. A common door-yard weed.
elliptica, Meyer. Alkaline grounds on Desert, and sea-shore.
Raphanus, Linn. *Radish.*
sativus, Linn. Waste and cultivated ground.
Brassica, Tourn.
campestris, Linn. (Turnip.) Waste and cultivated ground.

nigra, Koch. (Black Mustard.) Too common in heavy soils.
alba, Boiss. (White Mustard.) Near Soldiers' Home.

Diplotaxis, DC. *Wall Cress.*
muralis, *DC.* Redondo; Third St., Los Angeles; rare.

Sisymbrium, Tourn. *Hedge Mustard.*
canescens, Nutt. (Tansy Mustard.) Frequent in dry places.
officinale, Scop. Waste places in the city; Altadena; Millard's Cañon, &c.
incisum, Eng. var. filipes, Gray. Alkaline flats on the desert Mountains.

Tropidocarpum, Hook.
gracile, Hook. Very common on the Desert.
dubium, Davidson. Vicinity of Los Angeles.

Erysimum, Tourn.
asperum, DC. (Western Wall-flower.) Abundant and widely distributed.
grandiflorum, Nutt. On the sea coast.

Nasturtium, Linn.
curvisiliqua, Nutt. Garvanza.
officinale, R. Br. (Water Cress.) Common in running water.

Cardamine, Tourn.
Gambelii, Wats. Cienega; East Los Angeles, and wet places in general.

Dentaria, Tourn.
Californica, Nutt. Mandeville and Laurel Cañons; Santa Monica Range.

Arabis, Linn. *Rock Cress.*
Holbœllii, Hornem. Common on the higher mountains.
perfoliata, Lam. Low hills around Los Angeles.
perennans, Wats. Mojave Desert.
pulchra, Jones. Mojave Desert.
repanda, Wats. San Antonio Mountain.

Streptanthus, Nutt.
heterophyllus, Nutt. Foot hills Coast Range.
longirostris, Wats. Hills near Gorman Station; rare.

Caulanthus, Wats. *Wild Cabbage.*
amplexicaulis, Wats. San Fernando; very rare.
Coulteri, Wats. Gorman Station.
inflatus, Wats. Alkaline soils Mojave Desert.
procerus, Wats Rock Creek; 5,000 feet.

Thelypodium, Endl.
lasiophyllum, Greene. Elysian Park.
var. inalienum, Robinson. Near Los Angeles.
integrifolium, Endl. Subsaline spots on Mojave Desert.

Stanleya, Nutt.
pinnatifida, Nutt. Newhall; Santa Monica.

FUMARIACEÆ.

Dicentra, Borkh.
chrysantha, H. & A. Dry and rocky soils, San Gabriel Mountains.
ochroleuca, Eng. Encino; Mandeville Cañon.

CAPPARIDACEÆ.

Isomeris, Nutt.
arborea, Nutt. In dry soils on coast and mountains.

Cleome, Linn.
lutea, Hook. Field near Downey.

Cleomella, DC.
obtusifolia, Torr. Alkaline soils on Mojave Desert.

RESEDACEÆ.

Oligomeris, Camb.
glaucescens, Camb. A seaside and alkaline desert herb.

Reseda, Linn.
alba, Linn. Streets of Pasadena; a garden escape.