

**A YOSEMITE FLORA; A DESCRIPTIVE  
ACCOUNT OF THE FERNS AND FLOWERING  
PLANTS, INCLUDING THE TREES, OF THE  
YOSEMITE NATIONAL PARK; WITH SIMPLE  
KEYS FOR THEIR IDENTIFICATION; DESIGNED  
TO BE USEFUL THROUGHOUT THE SIERRA  
NEVADA MOUNTAINS**

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A Yosemite Flora; A Descriptive Account of the Ferns and Flowering Plants, Including the Trees, of the Yosemite National Park; with Simple Keys for Their Identification; Designed to Be Useful Throughout the Sierra Nevada Mountains by Harvey Monroe Hall & Carlotta Case Hall

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**HARVEY MONROE HALL & CARLOTTA CASE HALL**

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UNIVERSITY OF CALIFORNIA  
DIVISION OF BOTANY  
BERKELEY

Sept. 21, 1914

To the Librarian,  
New York Botanical Garden,  
Arden Park,  
New York City.

My dear Miss Harlow:

If I remember rightly I did not find a copy  
of our Yosemite Diary on your shelves when I was in New York  
last spring. I am therefore sending you a copy under separate  
cover with my compliments. Trusting that you will find a place  
for this and that you will accept my best thanks for the many  
courtesies shown me. I am

Very truly yours,

*Wm. H. Hillebrand*



WASHINGTON LILY  
(*Lilium washingtonianum*)

This beautiful Lily grows amid the chaparral of exposed slopes. The white, wax-like flowers are borne on tall, erect stalks, overtopping the humbler shrubs that form their protecting thickets.

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BE USEFUL THROUGHOUT  
THE SIERRA NEVADA  
MOUNTAINS

BY  
HARVEY MONROE HALL

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UNIVERSITY OF CALIFORNIA

AND  
CARLOTTA CASE HALL

*Illustrated with Eleven Plates  
and One Hundred and Seventy Figures  
in the Text*

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HARVEY MONROE HALL  
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1914  
S. J. H. S.



## PREFACE

*The Yosemite National Park is perhaps the most delightful region in all the world for the study of plant life. The wide variety of conditions here found, ranging from the hot and desiccated slopes of the brush-clad foothills to the cold, bleak summits above timber-line, the abode of glaciers and perpetual snow, gives to the flora an exceedingly diverse and interesting character. Innumerable springs, creeks, rivers, ponds, and lakes provide suitable habitats for moisture-loving plants. Rocky outcroppings, enormous cliffs, and gravelly ridges accommodate species adapted to such situations. The irregular topography yields southward facing slopes which receive the full effect of the sun's rays, as well as northward slopes where the sun's rays are little felt, where it is therefore cool, moist, and shady. The altitude ranges from two thousand five hundred feet in the foothill belt to thirteen thousand and ninety feet along the crest of the Sierra Nevada. All of these factors conspire to produce a remarkably varied and interesting vegetation.*

*The richness of this flora is indicated by the nine hundred and fifty-five species and varieties here described. The total number represented in the Yosemite National Park is considerably greater, since the grasses, sedges, and rushes are here omitted. Including an estimate for these, it is safe to assume that the number of species and varieties of flowering plants and ferns to be found within the one thousand one hundred and twenty-four square miles of the park is not less than about one thousand two hundred.*

*In preparing a pioneer flora for a district like the Yosemite, many corners of which have not yet been botanically explored, it is manifestly impossible to avoid the omission of some species. The authors have made use of every available source of information and have themselves botanized over much of the Park. It is therefore improbable that the list will be greatly extended except for the addition of foothill species, which will doubtless be found creeping up along our lower borders, especially in the vicinity of Wawona and Hetch Hetchy valleys, and for the addition of boreal species, the ranges of which will be extended southward at high altitudes. Information in regard to additions will be welcomed, particularly when accompanied by well pre-*