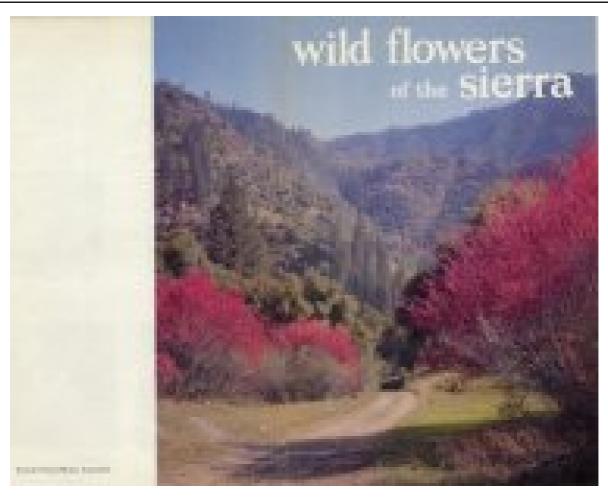
Wild Flowers of the Sierra (1958) by Douglass H. Hubbard

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- The High Country
- Index and Acknowledgements

About the Author



Doug Hubbard (YRL)

For biographies about Douglass Hubbard, see

- John Bingaman, Guardians of the Yosemite (1961), p. 114.
- Allan Shields, (PDF) "Whatever Happend to Doug Hubbard," Yosemite Association (Spring 2003), pp. 8-11.

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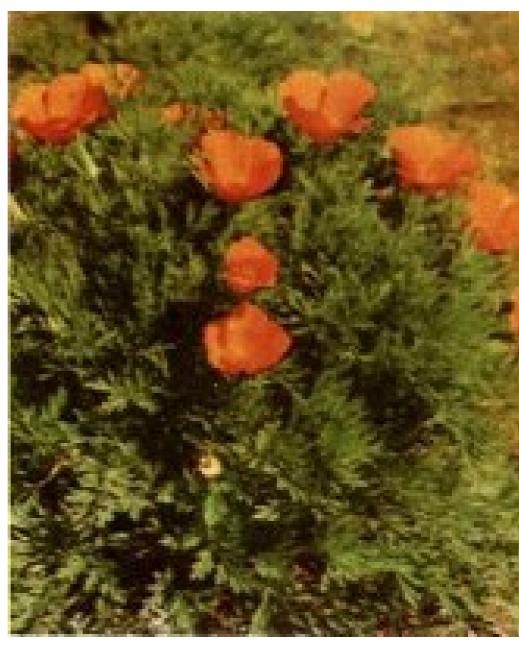
Douglass H. Hubbard (Douglass Hopwood Hubbard) (1918-), *Wild Flowers of the Sierra* (Yosemite: Yosemite Natural History Association: 1958). Special issue of *Yosemite Nature Notes*, 37:6. 23 pages. 88 color illustrations. 24 cm. Bound in green cloth cover.

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—Dan Anderson, www.yosemite.ca.us

Next: Introduction

Introduction why wild flowers?



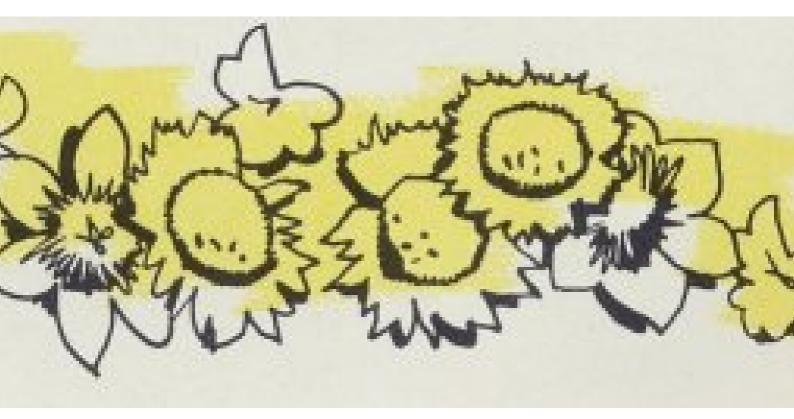
CALIFORNIA POPPY Eschscholtzia californica

California—"the Golden State" was named for the fields of golden poppies which blanket its valleys and foothills in springtime.

Flowers appeal to everyone: the delight of a child in a field of wildflowers will be reflected when the child becomes adult and gazes again upon familiar flowers—the finest examples of Nature's skill.

But our expanding civilization has drastically changed the face of the earth. Where a colorful blanket of wildflowers once lay, factories and freeways have sterilized the soil forever.

America's National Parks were set apart by our government to preserve for all time small portions of our country unchanged and unspoiled. In the National Parks all is protected, from the great cliffs to the most minute flower.



In this booklet are but a few of the hundreds of flowering plants of California's Sierra Nevada range. All color reproduction material in this book has been supplied as a public service by Richfield Oil Corporation and is taken from its annual publication, *Wild Flowers of the West*.

yosemite nature notes, v37, n6 compiled by douglass hubbard, chief park naturalist, yosemite national park

wild flowers of the sierra



in cooperation with the national park service

published by the yosemite natural history association yosemite national park california

The flowers in this booklet are divided into three groups according to where they are most commonly found—foothills, meadows and valleys, and the high country.



the foothills

The foothills of the Sierra are the first to be carpeted with wildflowers of countless varieties. As the foothills turn golden brown, flowers are in bloom in the meadows and valleys higher in the range. By summer's end the flowers of the high country will be at their prime.



One of the largest groups of flowering plants is the sunflower family. Many California wildflowers belong to it, including the Gold Fields (*Baeria sp.*), a common foothill flower.



RED MAIDS

Calandrinia ciliata

In late afternoon these small (3/4"), bright flowers open. Common western wildflower 6" to 2 ft. high. March-April.

MONKEY FLOWER

Mimulus bicolor

Monkey flowers come in many colors and sizes in the Sierra. This species is 6 to 10" high, has 1/2" flowers.



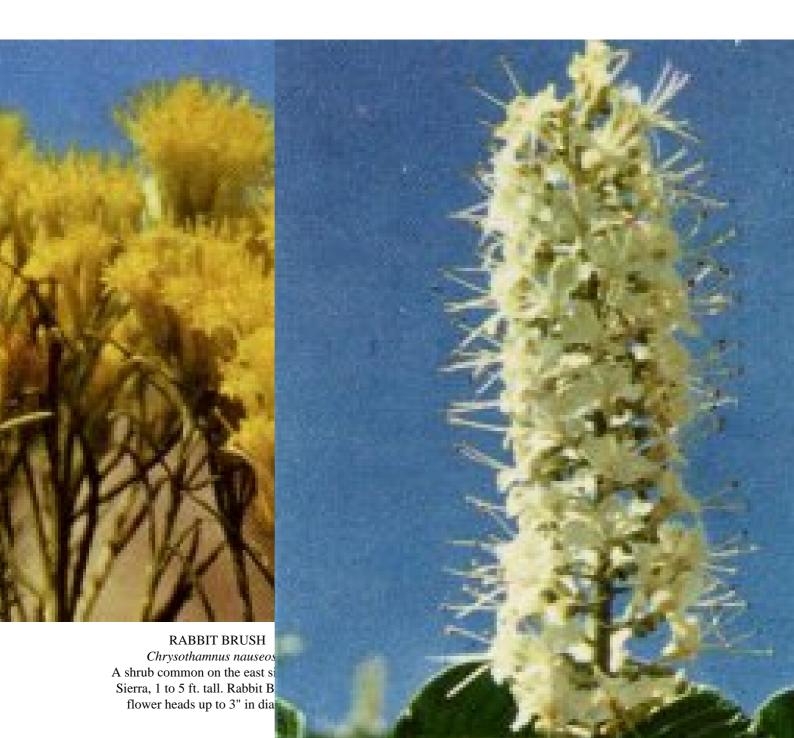
PRICKLY POPPY or CHICALOTE

Argemone platyceras

The Prickly Poppy, well-named for its thorny exterior, prefers dry areas.

Plants to 3 ft. high with 4" flowers.

April-July.



CALIFORNIA BUCKEYE

Aesculus californica
A foothill species 10 to 20 ft. tall with bright green leaves. The showy flowers grow in clusters up to 6" long. June.



FIVE SPOT or CALICO FLOWER

Nemophila maculata

The attractive Five Spot is an abundant flower in foothill meadows. Stems 5 to 10", flowers up to 1" across. April-August.



CHAPARRAL YUCCA
Yucca whipplei
"The Candle of Our Lord" is the Spanish
name for the Yucca. This member of the Lily
family grows 8 to 14 ft. high. May-June.



More than one hundred kinds of Lupine brighten California's fields.





3/4" on plants 3 to 8 ft. high. May-June.

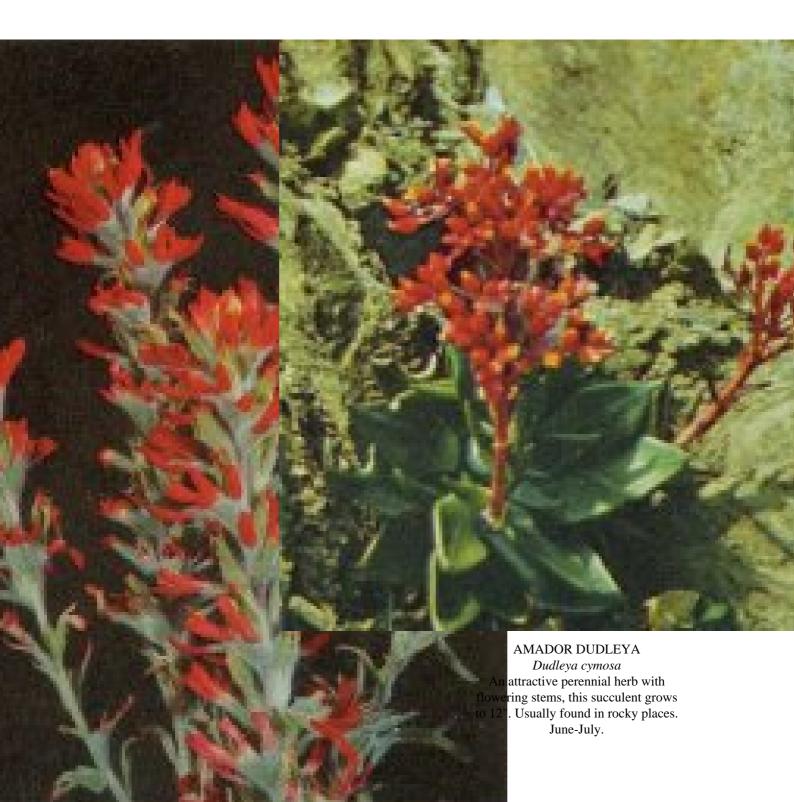
GOLDEN YARROW
Eriophyllum confertiflorum
The flowers of the Golden Yarrow grow in clusters which average 11/2" in diameter.
Dry area shrub 9 to 24" high. June-July.



WESTERN REDBUD

Cercis occidentalis
The Redbud is an attractive foothill shrub 8 - 15 ft., with clusters of 1/2" flowers. It is also called Judas Tree.
(See cover) March-April.

Orthocarpus purpurascens
A bright wildflower common in open
fields and hillsides, Owl's Clover grows
4 to 15" high. April-May.



INDIAN PAINT BRUSH

Castilleia sp.

The Indian Paintbrush is a common wildflower in many parts of the West. Sometimes called *Castilleia*, its Latin name, it grows 1 to 2 1/2 ft. high.



MOUNTAIN LILY

Leucocrinum montanum

The beautiful and fragrant flowers of the

Mountain Lily grow in a central cluster
close to the ground.

SYRINGA or MOCK ORANGE

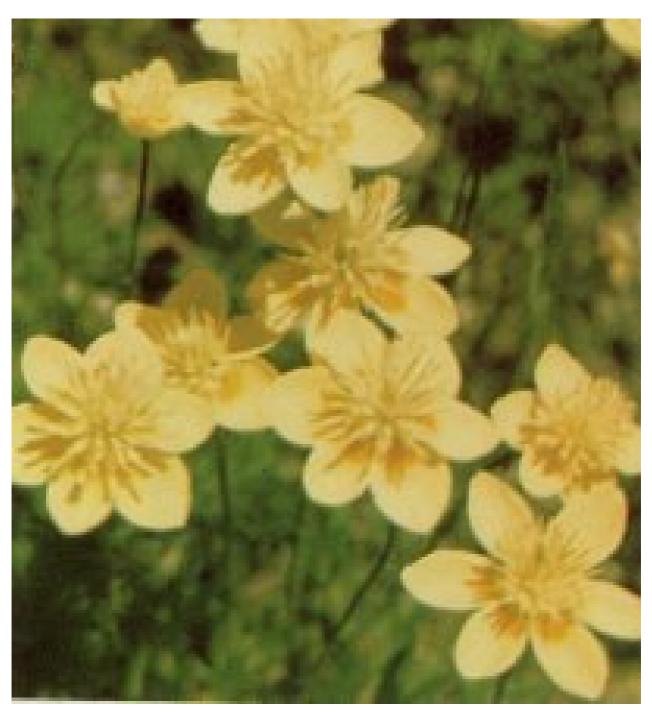
Philadelphus lewisii

The fragrant Syringa, 4 to 11 ft. tall, will be found in many parts of California.

Shoots were used by Indians for making arrow shafts.



Many species of flowers including Purple Owl's Clover and Popcorn Flowers combine to make a colorful blanket.



CREAM CUPS

Platystemon californicus

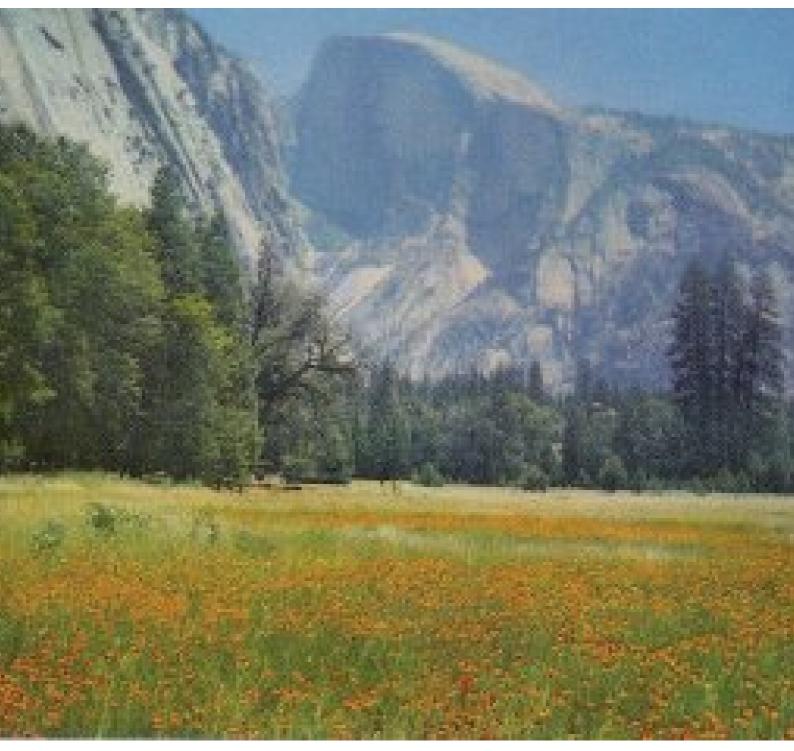
These flowers grow on stems 3 to 12" high with leaves on lower portion only. In clay or sandy soils.



BUSH LUPINE
Lupinus sp.
One of the largest lupines, the Bush Lupine,
may grow to 6 ft. high. Common along
foothills of central and southern Sierra.

WYETHIA
Wyethia helenioides
A common perennial along the lower slopes of the Sierra, the Wyethia has flowers up to 4" in diameter on stems 1 to 2 ft. high.





Half Dome overlooks Yosemite Valley and a field of Sneezeweed.

Many kinds of wildflowers grow in the middle elevations of the Sierra. In traveling from the San Joaquin Valley to the crest of the range, you will pass through six life zones—the Lower Sonoran, Upper Sonoran, Transition, Canadian, Hudsonian, and Arctic-Alpine. Each zone has plant and animal "indicators" which tell the visitor that he is in that particular climatic belt.



The fragrant Western Azalea grows along stream sides and in moist meadows in many Sierran regions. Shrubs 3 to 10 ft. tall, flowers to 2". May-July.

BUTTERCUP Ranunculus sp.

Many kinds of buttercups are found in the West. Their Latin name means "little frog", since some species grown in marshy places.



EVENING PRIMROSE

Oenothera hookeri
A showy Sierran flower which bursts rapidly into full bloom early in the evening. Stems 3 to 6 ft., flowers 2 to 4" across. June-September.



BEAR GRASS *Xerophyllum tenax*This 2 to 6 ft. high plant was important to the Indians. The roots, roasted, were eaten and leaf fibres used in making clothing. May-July.

PACIFIC DOGWOOD *Cornus nuttallii*Modified leaves of white, usually 6, surround a small crowded head of flowers on this spectacular Sierran plant, which grows 10 to 30 ft. high.



RED RIBBONS *Clarkia sp.*A colorful annual, Clarkia is found in many parts of California. It was named for Captain Clark of the Lewis and Clark Expedition.

TIGER LILY or LEOPARD LILY Lilium pardalinum

Wet meadows are the usual home of the beautiful Tiger Lily, which may grow to heights of 7 ft. June-August.



PITCHER PLANT or COBRA PLANT Darlingtonia californica

This unique plant can trap and digest small insects. Grows to 18" with 2" flowers. In moist areas. May-July.

TIDY-TIPS

Layia platyglossa

A bright member of the sunflower family, abundant in many parts of California.

Stems 4 to 16" high, flowers to 2". April-May.



BITTER ROOT

Lewisia rediviva

These beautiful flowers may be red or white. This 3/4" to 2" high plant was named for Captain Lewis of Lewis and Clark. April.

MONKEY FLOWER

Mimulus sp.

Monkey Flowers are among the most attractive of California wildflowers.

Their Latin name, Mimulus, means a comic actor, because the flowers appear to be grinning.

MAHALA MAT or SQUAW MAT Ceanothus prostratus

The branches of this plant often root and form a dense mat 2 to 10 ft. wide.

In pine woods of the Sierra.



Tahoe, one of the world's largest high lakes, is shared by California and Nevada. The red Indian Paint Brush (*Castilleia*) is a common western wildflower.



Ponderosa or yellow pines form a backdrop for the fragrant Western Azaleas (*Rhododendron occidentalis*). These shrubs, common also along streamsides in the Sierra, bloom during early summer.



The beautiful Pink Monkey Flowers grow on stems 1 to 2 ft. high in moist places of the Sierra and Cascades.

INDIAN RHUBARB,
UMBRELLA PLANT
Peltiphyllum peltatum
Sturdy plant 1 to 4 ft. tall, frequently growing along streamsides. The fleshy leaf stalks, peeled, were considered a delicacy by Indians. June-July.





LADY'S SLIPPER

Cypripedium californicum

Beautiful showy orchids on stems 1 to 2

ft. tall, flowers 1 to 6. Grows in many places, Central California to Oregon.



MOUNTAIN VIOLET

Viola purpurea

Grows from 2 to 6" high on short stems from a sturdy root. Common from Southern California to Modoc County. March-July.

Iris missouriensis

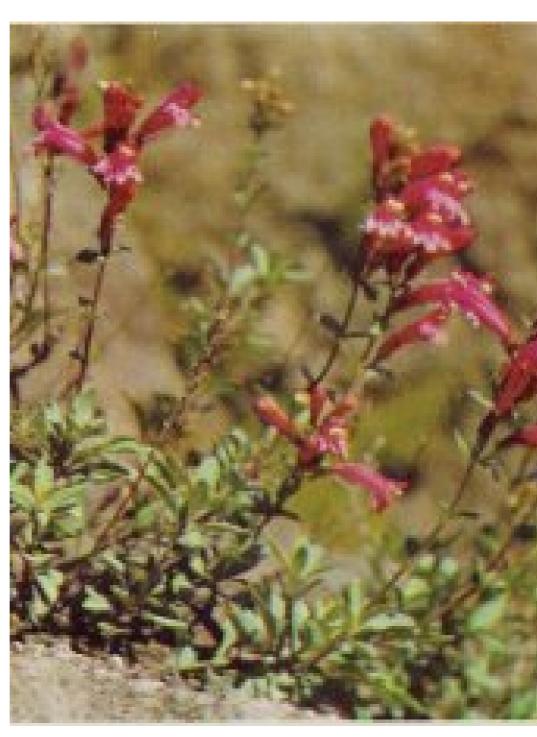
Many moist meadows in the Sierra and the northwest are brightened by these flowers. Height 10 to 24", flowers to 3" long. July.





THIMBLEBERRY Rubus parviflorus Common along streams and open forests, the Thimbleberry grows 3 to 6 ft. high. Flowers to 2" across. Leaves often velvety beneath.

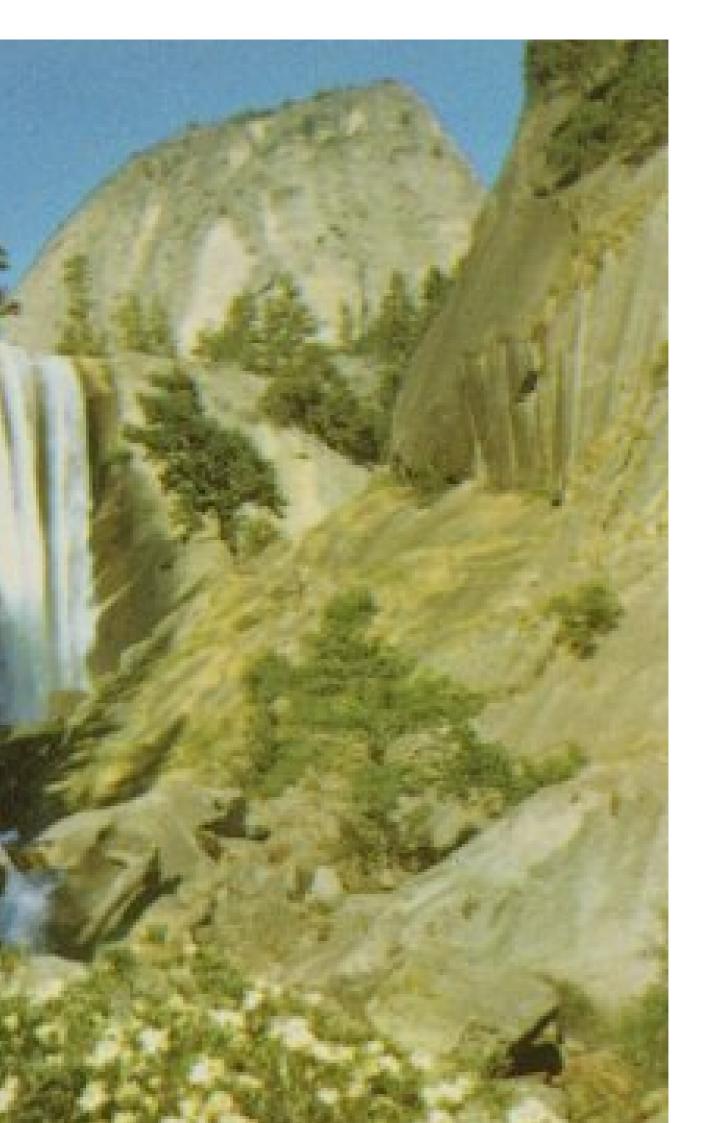
INDIAN PINK
Silene californica
In open woods of canons. Plants up to 12" high, flowers to 11/4" broad. An abundant genus in the west. May-June.



MOUNTAIN PRIDE

Penstemon newberryi

On rocky ledges, 4,000 to 10,000 ft., both in Sierra and Coast Ranges. Stems 8 to 20" high, flowers to 1 1/8" long. June-July.



Vernal Fall in Yosemite National Park was named for the lush vegetation at its base. Western Azaleas blossom in the foreground.



BABY BLUE EYES

Nemophilia menziesii
Found frequently in moist places on valley floors and hillsides. Stems 3 to 18" long, flowers to 1 1/2" wide. April-July.

SNOW PLANT

Sarcodes sanguinea
One of the most spectacular Sierran
plants, the snowplant grows 6 to 15"
high. Numerous fleshy flowers on a single
stem. June-July.



Clematis Iasiantha
The profuse flowers of this plant often brighten an entire hillside. Flowers to 2 1/4" in diameter. In both Sierra and Coast Ranges. April-May.

YELLOW BELLS Fritillaria pudica The stems of Yellow Bells are 3 to 9" high, may bear 1 to 3 flowers 3/4" in diameter. April-May.



CALIFORNIA DUTCHMAN'S PIPE *Aristolochia californica*A deciduous climber, Dutchman's Pipe may twine 5 to 12 ft. high on other plants. Flowers to 1 1/2" long. March-April.

MOUNTAIN MISERY
Chamaebatia foliolosa
A common ground cover in the Yellow
Pine belt, rarely taller than 2 ft. with 1"
flowers. Extremely pungent, also called
Bear Clover. May-July.



BLEEDING HEART

Dicentra Formosa
In shady forests of Sierra and Coast
Range; 8 to 18" high, leaves at base of
stems. Flowers to 3/4". April-June.

SPICE BUSH

Calycanthus occidentalis
Often growing in moist places in the
Coast Range and Sierra, also called Sweet
Shrub from fragrant wood. Height 5 to
9 ft., flowers 3"





BLAZING STAR Mentzelia laevicaulis Well-named, Blazing Stars grow on shiny white stems, 2 - 3 1/2 ft. high in dry stream beds. Flowers 3 to 4" broad, in clusters.

WESTERN ASTER

Aster sp.

Asters are profuse and colorful in many parts of the west. Their star-like flowers make them easy to recognize.



FALSE SOLOMON'S SEAL

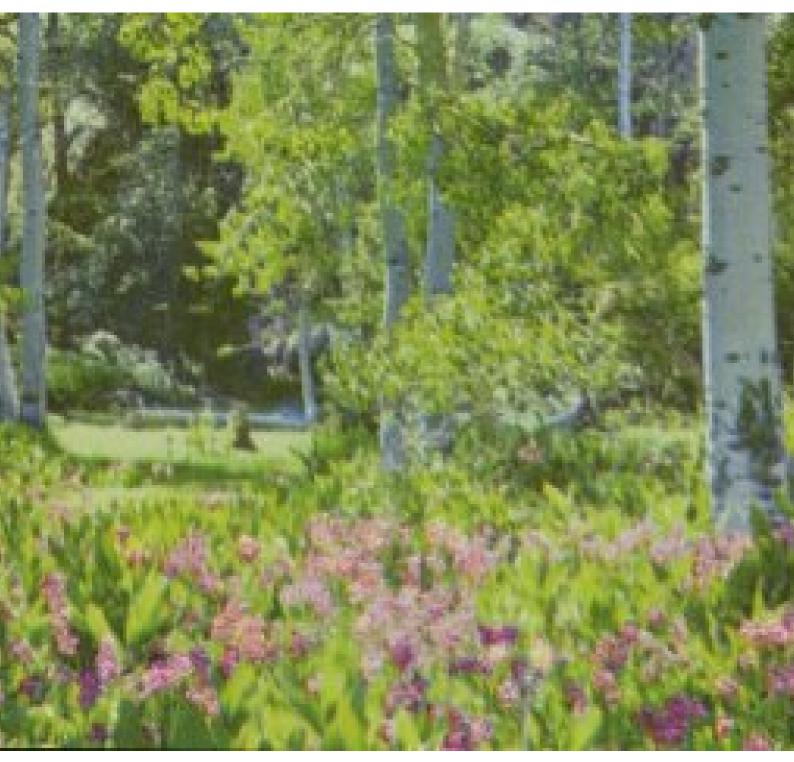
Smilacina amplexicaulis

These shade-loving plants are members of the lily family. Stems leafy, 1 to 3 ft. high. Undersides of leaves usually rough with short hairs.



Mertensia ciliata
Tube-like flowers are about 1/4" long on stems 2 to 5 ft. high. In mountains 5,000 to 8,500 ft. June-August.

WESTERN CHOKECHERRY Prunus demissa Usually grows as a deciduous shrub 2 to 10 ft. high. Flowers 1/2" across in clusters 2 to 4" long. In Coast Range and Sierra.



Quaking Aspens (*Populus tremuloides*) prefer moist areas as do many wildflowers such as Shooting Stars.



the high country

Some of the most beautiful scenery in the Sierra is at the crest of the range. Here near timberline are species which know only a few short weeks of sunshine. In late summer when the flowers of the foothills and meadows have bloomed and faded, the hanging gardens of the high country bring a touch of color and a saying that there is springtime all summer in the Sierra.



On the east side of the Sierra, Sulphur Flowers and Indian Paint Brush brighten a promontory. Minarets in distance.



WHITE HEATHER

Cassiope mertensiana
The bell-shaped white flowers of this beautiful alpine plant grow on stems up to 12" high. Rocky ridges and under ledges near timberline.

ELEPHANT'S HEAD

Pedicuiaris groenlandica The "trunks" of the Elephant's Head grow to 1/2" on stems 6 to 14" high. In wet meadows of the high Sierra, northward to B. C. This diminutive shrub is 1 to 2 ft. high with flowers to 3/4" wide. Found on edges of wet meadows or swamps, 7,000 to 12,000 ft.



Close to timberline Western Wall Flowers and Whitebark Pines overlook Gaylor Lakes near Tioga Pass in Yosemite National Park.



MOUNTAIN BUTTERCUP

Ranunculus eschscholtzii
A bright perennial with erect stems 4 to 6" high. Flowers to 3/4" across. Grows in gravelly streamlets on cool slopes. July-August.

DOUGLAS PHLOX

Phlox diffusa

Grows in low mat 3 to 10" across. Flowers may be white, lavender or lilac, terminal on short (3 to 4") branchlets.

On gravelly slopes and summits.



PURPLE ASTER, MOUNTAIN DAISY

Erigeron salsuginosus
Usually a single flower up to 1 3/4" across on a stem to 1% ft. high. Over much of the West, 6,200 to 10,000 ft. July-August.

ALPINE COLUMBINE

Aquilegia pubescens
The showy Columbine is one of the most beautiful of western flowers. Stems 9 to 18" high, flowers nodding, with slender spurs to 1" long.



ALPINE DANDELION

Hulsea algida

The high country from 11,000 to 14,000 ft. is the home of the Alpine Dandelion. Stems 2" to 7" high. Leaves and stems sticky, with soft hairs.

SHRUBBY CINQUEFOIL Potentilla fruticosa Many branches 1 to 4 ft. high bear flowers up to 1" across. Grows at or near timberline 8,000 to 12,000 ft., Sierra north to sub-arctic.



FIREWEED

Epilobium angustifolium

Named because it often comes up in moist burned-over places, Fireweed has erect stems 2 to 6 ft. high with flowers to 1" across.

BLUE GENTIAN

Gentiana sp.

Several species occur in moist or boggy places throughout the west.



STEER'S HEAD

Dicentra uniflora

Leafless stems 1 to 3" high with 1 or 2 flowers up to 5/8" long with tips of outer petals recurved 1/4". Rocky slopes 6,000 to 12,000 ft.

STICK-SEED, SIERRA FORGET-ME-NOT Hackelia velutina Erect, velvety stems 1 to 2 ft. high with flowers blue or pink about 1/2" across. Name "Stick-Seed" from prickly fruits. June-July.

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To Mary Curry Tresidder, whose interest and love of Sierran wild flowers has extended over a lifetime, this booklet is dedicated.

http://www.yosemite.ca.us/library/wild_flowers_of_the_sierra/

