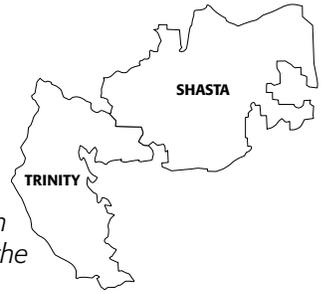


Wildflowers of the Shasta-Trinity

Shasta-Trinity National Forest



A splash of red brightens a drab and dusty slope. A sweet smell drifts down canyon on breezes from the shaded depths of a stream. Sunny alpine meadows dance with blue. Wildflowers ranging from the showy and outrageous to the small and delicate are everywhere...

The Shasta-Trinity National Forest sits astride 7 major geographic and botanic regions; the Coast Range, Klamath Mountain, Willamette Valley, Cascade Mountain, High Desert, Sierra Nevada and the Central Valley. Each region has its own unique plant life and they all are found together on this forest. The variety is amazing and, depending upon the elevation, wildflowers can be seen from late January through mid-November. This Recreation Opportunity Guide hardly begins to touch upon the variety but will provide some basic information about some of the more common wildflowers found on these forests. Don't pick wildflowers. Take pictures and leave the flowers for others to enjoy.

Plants with reddish flowers

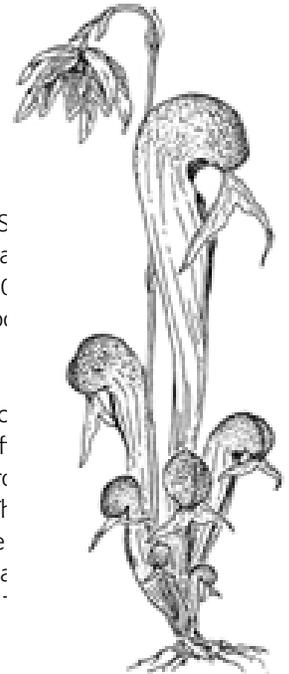


Indian Pink
Silene californica

This is a strikingly red wildflower found on dry brushy or wooded slopes in the spring. Its petals look as though they've been trimmed on the ends with pinking shears. Native Americans and early pioneers used it to make a tea which was taken for aches and pains.

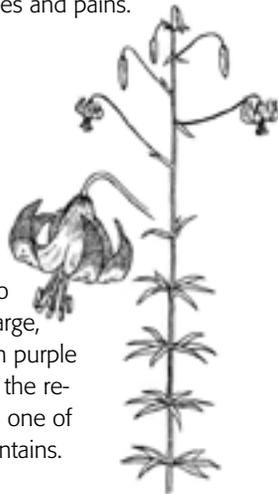
Cobra Plant
Darlingtonia californica

This is one of the most unusual plants on the Shasta-Trinity. It thrives in open, boggy meadows and streams at elevations between 2500' and 5000' called "cobra plant" because of the way the horizontal stem recurves and the flags hang down from the opening. The plant is hollow inside and the lower part of the stem is filled with water. Insects crawl into the opening and down the stem. Stiff downward growing hairs prevent the insects from climbing back up and they eventually drown. The rich "soup" of decomposing insects is what the plant feeds on. The dark purple to red flowers are borne on long stalks that tower over the plant. The entire plant can be up to 2' tall.



Leopard Lily
Lilium pardalinum

This showy lily prefers wet, boggy places and lots of sunlight. It grows to 5 feet tall and can be covered with large, hanging, reddish-orange flowers with purple spots. Yellow anthers extend beyond the recurved petals and helps to make this one of the most colorful flowers in the mountains.



Indian Paintbrush
Castilleja ssp.

There are several varieties of paintbrush scattered at different elevations throughout the Shasta-Trinity National Forests. Most typically, the plant grows to 2' in height in a variety of habitats; in damp meadows, on dry, open slopes and along the banks of streams. Its many red bracts surround small, obscure greenish flowers and give the plant the appearance of a paint brush, hence its common name. There are greenish, yellowish and even soft purple paintbrushes.



Columbine
Aquilegia formosa

This is another mountain wildflower that likes its feet wet. The flowers are a bright reddish-orange and yellow, and because of the way they grow, look almost like they're inside out. This plant can grow to 2 1/2 feet tall and has long been valued for medicinal purposes.



Other common plants that have flowers tending toward red and orange are scarlet gilia or "skyrockets," Ida-maia or "firecracker flowers," spice bush, snowplants (a beautiful, bright red saprophyte), scarlet fritillary, humboldt lily, showy thistle, roseroot, wild ginger, and indian warriors.

Plants with white to yellow flowers



Western Azalea
Rhododendron occidentale

Azaleas are one of the most beautiful wildflowers on the Shasta-Trinity. They grow in thickets and are found at mid elevations along streams, lakes and boggy meadows. The shrubs can be up to 10 feet tall and covered in July with fragrant white flowers. Depending on the area, the flowers can be on the pink side. This shrub is poisonous to livestock.



Buttercup
Ranunculus ssp.

The buttercup is one of the earliest bloomers on the Shasta-Trinity. Often found in open, boggy areas, it is also frequently seen on drier slopes. The flowers are numerous on plants up to 18" tall and a brilliant yellow, looking almost waxy in the sunlight. The seeds of this spring flower were eaten by the California Indians.

Yarrow
Achillea lanulosa

This 8"-30" tall, aromatic plant is found on open slopes and in meadows. The flowers are actually composite and occur in flat topped clusters of white ray and yellow disc flowers. The leaves, steeped in hot water, were used by the Native Americans and early settlers to stop bleeding in cuts and wounds.



Common Monkey Flower
Mimulus guttatus

There are several species of monkeyflower but the one most readily identifiable is the common monkeyflower that grows in wet areas alongside roads on the Shasta-Trinity, especially at lower elevations in the early spring. The stalks of this plant can be 12" to 14" tall and loaded with bright yellow flowers. Red spots are scattered on the lower petal and two hairy ridges close the throat of the flower. Monkeyflowers range in color from yellow to brilliant magenta and in size from the giant monkeyflower to a diminutive magenta version that grows at high elevations... the entire plant smaller than a dime.



Sulphur Flower
Eriogonum umbellatum

This is a somewhat woody plant that favors open, dry and rocky slopes at higher elevations. The flowers are a bright yellow and typically form loose balls at the tops of long stalks. The leaves of this plant are thick around the base of the stem, green above and a woolly white beneath. There are several species of eriogonum on the Shasta-Trinity and the flowers vary from white to deep red.



Ears
Viola angustifolia

Ears are a fairly common sight growing on sunny slopes along roads in the Shasta-Trinity. The leaves of this plant resemble the ears of a horse, hence the name, and crowd the plant to the ground level. They grow upright to 2 feet tall. The flowers are large, up to 4" across and are a brilliant, rich yellow.

Mountain Violet
Viola purpurea

Look for this beautiful little violet throughout late spring and early summer at different elevations. It likes dry, open meadows and hillsides. The plant rarely exceeds 1 foot in height. Flowers are a brilliant yellow with purple veins on the lower three petals. The backs of the upper petals are purple. Another common violet is the Shelton's or wood violet. Wood violets, however are usually solitary and their leaves are deeply cleft.



Other white to yellow flowers to look for include yellow lupine, bigelow sneezeweed, common madia, heartleaf arnica, resinweed, California coneflowers, blazing stars, salsify, yellow fawn lilies, California poppies, bush poppies, corn lilies, bear grass, snow drop bush, mock orange, and Shasta daisy.

Plants with purple to pink flowers

Spreading Phlox

Phlox diffusa

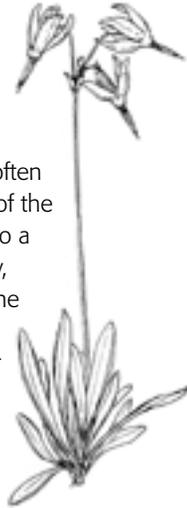


This is a beautiful and very fragrant plant that forms low, woody mounds in open, sunny, rocky and dry areas. Clumps of flowers can be up to 2' across and are quite striking. The flowers start out a beautiful, rich rose pink, turning a faded bluish-white as they age..

Shooting Stars

Dodecatheon ssp.

This is one of the earliest spring wildflowers, often blooming in February at the lower elevations of the Shasta-Trinity. The flowering stalks can be up to a foot tall. Henderson's shooting star prefers dry, sunny slopes. Jeffrey's shooting star is an alpine plant that likes its feet in the water, preferring boggy meadows. The flower is a rich lavender to rose color that has a band of maroon around its base and a striking yellow "nose." It is very fragrant.



Bleeding Heart

Dicentra formosa

Bleeding hearts are a long time favorite with wild flower enthusiasts. You can find them in damp, shaded places throughout much of the Shasta-Trinity. They especially like streambanks. The plants can be a foot or more tall with lots of rose-purple heart shaped flowers on tall stalks. The leaves are a rich green and are almost fern-like.



Mountain Iris

Iris ssp.

Iris are common throughout the Shasta-Trinity at mid elevations on dry slopes among pines and firs. Flowers range from yellowish white to deep purple. The leaves are tough and leathery growing from a basal tuft and often laying close to the ground. The flowers are often ground hugging as well but in some instances are on upright stalks to a foot tall.



Mountain Pennyroyal

Monardella odoratissima

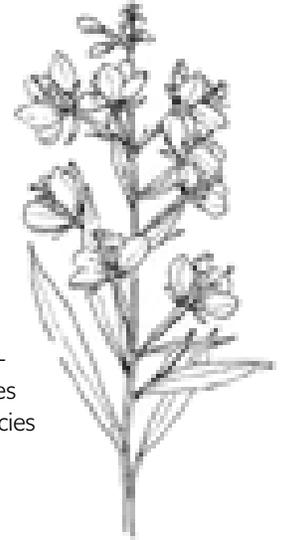
This is a plant that likes dry, open and rocky slopes and ridges. It has several stems up to a foot tall topped with heads of small lavender to pale pinkish-purple flowers. When crushed, the leaves give off a delightful minty smell. Tea can be made from the blossoms, leaves and stems.



Fireweed

Epilobium angustifolium

Fireweed can grow up to 5 or more feet tall, with long flowering stalks at the top. Each flowering spike will have dozens of beautiful purple flowers that open progressively throughout the flowering season. It prefers damp slopes and meadows and is often one of the first species to invade an area after a wild land fire.



Mountain Pride

Penstemon newberryi

This gorgeous little penstemon (also called "beardtongue") is a common sight at mid to higher elevations. It grows profusely on dry, open and rocky slopes and outcrops in full sun. The striking flowers are an iridescent rose-purple and are thick along stalks that grow up to one foot long. There are several other varieties of penstemon that flourish on the Shasta-Trinity such as the white and red Hot rock penstemon, and the beautiful, deep purple whorled penstemon that grows in the high country.



Other pink to purple flowers to look for... monkshoods, wild lilac (ceonothus), elegant brodiaea, heather, manzanita, wild onion, dogbane, lewisia, checker mallow, foxgloves and ookow.

Plants with blue flowers



Lupine

Lupinus ssp.

There are a great variety of lupines growing on the Shasta-Trinity. From the diminutive *Lupinus lyalli* that grows at higher elevations and is hardly bigger than a quarter to the beautiful bush lupines that grace the lower elevations and grow to 3 feet high. One of the more beautiful lupines is the valley sky lupine that grows in the foothills surrounding the upper Sacramento Valley.



Mahalia Mat (Squaw carpet)

Ceanothus prostratus

This ceanothus grows in thick, dense mats close to the ground favoring open, dry cut banks near roads or alongside trails. The leaves are about 1" long, thick, leathery, and prickly. The small flowers vary in color from pale to dark blue and grow in small globose clusters. There are several other species of ceanothus on the Shasta-Trinity, among them a large bush called "wild lilac" for its long clusters of lilac colored flowers.

Hounds Tongue

Cynoglossum grande

Hounds tongue has pale blue flowers that sit atop stems that can reach 18" in height. The leaves are the thing that gives the plant its name. It is common throughout the Shasta-Trinity, growing in shaded areas from low to mid elevations. As the flowers mature they turn a deep purple.



Blue Gentian

gentiana calycosa

This iridescent blue gentian graces wet meadow higher elevations of the Shasta-Trinity and are a pected delight for the hiker. The flowers usually to about 6" tall but form thick carpets in some name of the genus comes from King Gentius o of an ancient country on the Adriatic Sea who c medicinal properties in the plant.



Notes...

Additional references...

"Field Guide to North American Wildflowers," Audobon Society. "The Jepson Manual, Higher Plants of California," Ed Hickman "California Spring Wildflowers," Phillip Munz. "A Flora of the Trinity Alps," William Ferlatte. "Flowers and Trees of the Trinity Alps," Alice Jones

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Shasta-Trinity National Forests