

Chico Hiking Association Botanical Guides



Pale Swallowtail on Purple Milkweed

Showy Flowers of the Chips Creek in-and-back hike in late April

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using Jepson eFlora nomenclature (hyperlinked)

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optimal for smartphones

OR

print on 4x6" photo paper





nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common names: PURPLE SANICLE, SHOE BUTTONS

scientific name: **Sanicula bipinnatifida**

family: **APIACEAE** CARROT FAMILY

About 1-2' tall. Flower spheres the size of a nickel.

Flowers in this species are most commonly purple along the Yahi Trail and Phantom Falls hikes, but here are yellow or reddish.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: PURPLE MILKWEED

scientific name: **Asclepias cordifolia**

family: **APOCYNACEAE** DOGBANE FAMILY

About 2' tall. Flowers smaller than a dime.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: ANNUAL AGOSERIS, others

scientific name: **Agoseris heterophylla**

family: **ASTERACEAE (Compositae)** SUNFLOWER FAMILY

Plants about 1' tall. Flowers around the size of a penny.
Flowers are closed when not sunny.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: COMMON DANDELION

scientific name: **Taraxacum officinale**

family: **ASTERACEAE (Compositae)** SUNFLOWER FAMILY

Plant usually 6-12" tall (COMMON DANDELION in lawns are selected for shorter stems by mowing). Flowers the size of a half dollar coin.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: SPEAR-LEAVED AGOSERIS, others

scientific name: **Agoseris retrorsa**

family: **ASTERACEAE (Compositae)** SUNFLOWER FAMILY

Plant about 1' tall. Flowers the size of a quarter.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: COMMON FIDDLENECK

scientific name: **Amsinckia intermedia, A. menziesii**

family: **BORAGINACEAE** BORAGE or WATERLEAF FAMILY

Plants around 1' tall. Highly variable. Flowers smaller than a dime.

If individual flowers are 7-11 mm long they are **A. intermedia**

If they are 4-7 mm long they are **A. menziesii**. Both species have the same common name.



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nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: VARIABLE-LEAVED NEMOPHILA, others

scientific name: **Nemophila heterophylla**

family: **BORAGINACEAE** BORAGE or WATERLEAF FAMILY

Plants about 4" tall. Flowers dime-sized. Leaves variable.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: VIOLET DRAPERIA, other

scientific name: **Draperia systyla**

family: **BORAGINACEAE** BORAGE or WATERLEAF FAMILY

Plants about 7" tall. Flowers about as long as a dime.

Leaves grow in pairs opposite each other.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: WESTERN WATERLEAF, others

scientific name: **Hydrophyllum occidentale**

family: **BORAGINACEAE** BORAGE or WATERLEAF FAMILY

Low-growing plant about 6" tall. Flowers about the size of a dime.
Some on the forest floor near Bring-it-on Creek.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: LITTLE WESTERN BITTERCRESS, others

scientific name: **Cardamine oligosperma**

family: **BRASSICACEAE** MUSTARD FAMILY

Plant about 3" tall. Tiny flowers, much smaller than a dime.
Lives in damp areas.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: SICKLEPOD ROCKCRESS

scientific name: **Boechera sparsiflora**

family: **BRASSICACEAE (Cruciferae)** MUSTARD FAMILY

Plants 1-2' tall. Flowers dime-sized.

Click on picture to view more photos in CalPhotos (note: CalPhotos uses the old name, **Arabis sparsiflora**).



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: SUMMER FIELD MUSTARD, others

scientific name: **Hirschfeldia incana**

family: **BRASSICACEAE (Cruciferae)** MUSTARD FAMILY

Plants about 2' tall. Tiny flowers in clusters that are about the size of a penny. Found in the parking area.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: COMMON CHICKWEED

scientific name: **Stellaria media**

family: **CARYOPHYLLACEAE** PINK FAMILY

Flowers one fourth the size of a dime. Plants 2-10" tall.

Likes moist areas in shade. Often under oaks.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: WILDING PINK, others

scientific name: **Petrorhagia dubia**

family: **CARYOPHYLLACEAE** PINK FAMILY

Like a 1' stalk of grass with a 'pink' on the top.

Flowers a little smaller than a dime.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: MOUNTAIN DOGWOOD

scientific name: **Cornus nuttallii**

family: **CORNACEAE** DOGWOOD FAMILY

A shrub or tree. Flowers 2-3" across.

There are large specimens well down from the trail along the creeks.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: CALIFORNIA MAN-ROOT

scientific name: **Marah fabacea**

family: **CUCURBITACEAE** GOURD FAMILY

A vine, on the ground or twining up shrubs. Flowers a little smaller than a dime. There are many along the start of the trail. They have prickly, round fruit.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: ANNUAL SKY LUPINE, others

scientific name: **Lupinus nanus**

family: **FABACEAE (Leguminosae)** LEGUME FAMILY

About 1' tall. Flower clusters about 5" tall.

Highly variable in size. Flowers sometimes pink or white. Found in the parking area at the start of the trail. Leaves not fuzzy.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: GRAY LUPINE, others

scientific name: **Lupinus grayi**

family: **FABACEAE (Leguminosae)** LEGUME FAMILY

Around 1-2' tall. Flower clusters about 6" tall.

Leaves fuzzy.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: SNUB PEA, others

scientific name: **Lathyrus sulphureus**

family: **FABACEAE (Leguminosae)** LEGUME FAMILY

A vine growing tangled on the ground.

Flowers nickel-sized.

Color variable, but often fine purple stripes on the inside.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: SPRING VETCH

scientific name: **Vicia sativa** subsp. **sativa**

family: **FABACEAE (Leguminosae)** LEGUME FAMILY

A upright vine with flowers smaller than a dime.
On Phantom Falls hike this species is more commonly pink.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common names: WINTER VETCH, HAIRY VETCH

scientific name: **Vicia villosa**

family: **FABACEAE** LEGUME FAMILY

Plant is a vine usually growing tangled on the ground.
Flowers about as long as the diameter of a quarter coin.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: REDSTEM FILAREE

scientific name: **Erodium cicutarium**

family: **GERANIACEAE** GERANIUM FAMILY

Plants about 3" tall. Flowers about half the diameter of a dime.
Many at the start of the trail.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: HENBIT

scientific name: **Lamium amplexicaule**

family: **LAMIACEAE (Labiatae)** MINT FAMILY

Plants about 4" tall. Flowers much smaller than a dime.
Found at the start of the trail.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common names: CALIFORNIA BAY, CALIFORNIA LAUREL, PEPPERWOOD

scientific name: **Umbellularia californica**

family: **LAURACEAE** LAUREL FAMILY

A tree. Flowers in clusters, with the individual flowers much smaller than a dime. Leaves very aromatic.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: SCARLET FRITILLARY

scientific name: **Fritillaria recurva**

family: **LILIACEAE** LILY FAMILY

Plants about 2' tall. Flowers about the size of a quarter.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: MINER'S LETTUCE

scientific name: **Claytonia perfoliata**

family: **MONTIACEAE** MINER'S LETTUCE FAMILY

Plants around 5" tall. Flowers much smaller than a dime.
Leaves fleshy in texture.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: MINUTE WILLOWHERB, others

scientific name: **Epilobium minutum**

family: **ONAGRACEAE** EVENING-PRIMROSE FAMILY

Plants about 4" tall. Flowers much smaller than a dime.
Compare to SLENDER PHLOX (they have fewer petals).



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: WAVY-LEAVED PAINTBRUSH, others

scientific name: **Castilleja applegatei**

family: **OROBANCHACEAE** BROOMRAPE FAMILY

Plants around 10" tall. Flower clump half dollar size.
Leaves have wavy margins.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: PACIFIC BLEEDING HEART

scientific name: **Dicentra formosa**

family: **PAPAVERACEAE** POPPY FAMILY

Plant about 6" tall. Flowers dime-sized.
Several just past Bring-it-on Creek.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: CANDELABRUM MONKEYFLOWER, others

scientific name: **Mimulus pulsiferae**

family: **PHRYMACEAE** LOPSEED FAMILY

Plants about 5" tall. Flowers the size of a dime.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: KELLOGG'S MONKEYFLOWER, others

scientific name: **Mimulus kelloggii**

family: **PHRYMACEAE** LOPSEED FAMILY

Plants about 4" tall. Flowers about the size of a nickel.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: STREAMSIDE MONKEYFLOWER, others

scientific name: **Mimulus guttatus**

family: **PHRYMACEAE** LOPSEED FAMILY

3-10" tall with flowers about nickel-sized. Lives in wet areas with its roots often in the water. Highly variable leaves.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: BLUE-EYED MARY

scientific name: **Collinsia parviflora**

family: **PLANTAGINACEAE** PLANTAIN FAMILY

Plants around 6" tall. Flowers much smaller than a dime.

Flowers distinctive blue and white. Colors vary elsewhere.

If the middle lower lobe of the flower has hairs it is **C. sparsiflora**.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: SLENDER PHLOX, others

scientific name: **Microsteris gracilis** actually *Collomia heterophylla*

family: **POLEMONIACEAE** PHLOX FAMILY

About 2-16". Flowers much smaller than a dime.
This species is highly variable in size and shape
(click on photo for hyperlink to more photos).



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: LARKSPUR

scientific name: **Delphinium** spp.

family: **RANUNCULACEAE** BUTTERCUP FAMILY

Plants 1-2' tall. Flowers the size of a quarter, and have a spur out the back. LARKSPUR is the name of the genus, individual species that are purple are hard to tell apart.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common names: RED LARKSPUR, ORANGE LARKSPUR

scientific name: **Delphinium nudicaule**

family: **RANUNCULACEAE** BUTTERCUP FAMILY

Plants 1-2' tall. Flowers a little over 1" long.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: WESTERN BUTTERCUP, others

scientific name: **Ranunculus occidentalis**

family: **RANUNCULACEAE** BUTTERCUP FAMILY

Plants 1-2' tall. Flowers glisten, and are about the size of a dime.

The SACRAMENTO VALLEY BUTTERCUP, **R. canus**, is similar but generally is found only at lower elevations.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: WOODLAND STAR

scientific name: **Lithophragma** spp.

family: **SAXIFRAGACEAE** SAXIFRAGE FAMILY

Plants 1-2' tall. Flowers half the size of a dime.
There are several species of WOODLAND STAR that are difficult for the hiker to tell apart. WOODLAND STAR is the *genus* name.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: PARISH'S NIGHTSHADE, others

scientific name: **Solanum parishii**

family: **SOLANACEAE** NIGHTSHADE FAMILY

Small shrubs around 2' tall. Flowers about the size of a penny.



nomenclature from Jepson eFlora Mar 2013

popular description for Chips Creek in-and-back hike

common name: SHELTON'S VIOLET

scientific name: **Viola sheltonii**

family: **VIOLACEAE** VIOLET FAMILY

Plants about 5" tall. Flowers about the size of a dime.
Leaves are *palmately* divided into leaflets, and additionally the
leaflets are *palmately* lobed.