

# *Chico Hiking Association Botanical Guides*



Pale Swallowtail on Purple Milkweed

## *Showy Flowers of the Chips Creek in-and-back hike in late May*

--

*using Jepson eFlora nomenclature (hyperlinked)*

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*optimal for smartphones*

*OR*

*print on 4x6" photo paper*





*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: SIERRA ONION, others

scientific name: **Allium campanulatum**

family: **ALLIACEAE** ONION or GARLIC FAMILY

Plants around 8" tall. Flowers a little smaller than a dime.

Leaf: 2,  $\pm$  = stem, widely channeled, generally withered in flower.



*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 Apr 2013

popular description for Chips Creek in-and-back hike

common name: TALL SOCK-DESTROYER

scientific name: **Torilis arvensis**

family: **APIACEAE (Umbelliferae)** CARROT FAMILY

Plants about 1-2' tall. Tiny flowers in clusters the size of a dime.  
Flowers ripen into barbed burs.



*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: BITTER DOGBANE

scientific name: **Apocynum androsaemifolium**

family: **APOCYNACEAE** DOGBANE FAMILY

Plants about 6" tall. Flowers a little smaller than a dime.



*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: HARTWEG'S WILD GINGER, others

scientific name: **Asarum hartwegii**

family: **ARISTOLOCHIACEAE** PIPEVINE FAMILY

Plant around 5" tall. Flower about the size of a quarter, and is often hidden under the leaves.



*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: COMMON WOOLLY SUNFLOWER

scientific name: **Eriophyllum lanatum**

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

Plants about 2' tall. Flowers the size of a silver dollar.

A species with many varieties.



*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: PRICKLY SOW THISTLE

scientific name: **Sonchus asper** subsp. **asper**

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

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



*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common names: TARWEED, TARPLANT

scientific name: **Madia** spp.

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

There are two or three species of this genus you may find.

The small **Madia** look similar: plants 2-10" tall, with flowers smaller than a dime. May have an unpleasant smell.



*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: YELLOW SALSIFY

scientific name: **Tragopogon dubius**

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

Plants about 2' tall. Flowers around the size of a silver dollar.





*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: CALIFORNIA YERBA SANTA

scientific name: **Eriodictyon californicum**

family: **BORAGINACEAE** BORAGE or WATERLEAF FAMILY

Plants often 2-3' tall. Flowers smaller than a dime.



*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 May 2013*

*popular description for Chips Creek in-and-back hike*

common name: VIRGATE PHACELIA, others

scientific name: **Phacelia heterophylla** subsp. **virgata**

family: **BORAGINACEAE** BORAGE or WATERLEAF FAMILY

Plants about 2' tall. Flowers dime-sized. Leaves variable.



*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 names: SWEET-SHRUB, SPICEBUSH

scientific name: **Calycanthus occidentalis**

family: **CALYCANTHACEAE** SWEET-SHRUB or  
CALYCANTHUS FAMILY

A large shrub, around 6' tall. Flowers twice as big as a silver dollar.





*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: DOUGLAS' STITCHWORT

scientific name: **Minuartia douglasii**

family: **CARYOPHYLLACEAE** PINK FAMILY

About 6" tall with wispy foliage. Likes cobbly rock areas in the full sun. Buds *hairy-glandular*. Flowers dime-sized.



*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: ROSE CAMPION

scientific name: **Lychnis coronaria**

family: **CARYOPHYLLACEAE** PINK FAMILY

Plant about 2' tall. Flowers in between the size of a nickel and a quarter. Stem and leaves are fuzzy.

(ORANGE BUSH MONKEYFLOWER in the background)



*nomenclature from Jepson eFlora May 2013*

*popular description for Chips Creek in-and-back hike*

common names: **SMALL-FLOWER CATCHFLY, WINDMILL PINK**

scientific name: **Silene gallica**

family: **CARYOPHYLLACEAE** PINK FAMILY

About 1' tall. Flowers smaller than a dime.



nomenclature from Jepson eFlora Apr 2013

popular description for Chips Creek in-and-back hike

common name: WESTERN MORNING-GLORY, others

scientific name: **Calystegia occidentalis** subsp. **occidentalis**

family: **CONVOLVULACEAE** MORNING-GLORY FAMILY

A vine growing on the ground or twining up objects. Flowers larger than a silver dollar. This species of morning-glory has two *bracts* on the stem below the flower.



*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 Apr 2013*

*popular description for Chips Creek in-and-back hike*

common names: CALIFORNIA PEA, others

scientific name: **Lathyrus jepsonii** var. **californicus**

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

Plants about 2' tall, Flowers dime-sized. Many leaflets per leaf (compare to PERENNIAL SWEET PEA's 2 leaflets per leaf).

Stems *winged* (compare to SNUB PEA's lack of wings).

A big patch above **Chico Hiking Association** the 3rd switchback.



*nomenclature from Jepson eFlora May 2013*

*popular description for Chips Creek in-and-back hike*

common name: **MINIATURE LOTUS**, others

scientific name: **Acmispon parviflorus**

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

Plants about 3" tall. Flower a tenth the size of a dime.





*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: PERENNIAL SWEET PEA

scientific name: **Lathyrus latifolius**

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

A vine that grows tangled on the ground. Vines about 2' tall.

Flowers the size of a quarter. Color variable.

Two leaflets per leaf. Found at the parking area.





*nomenclature from Jepson eFlora Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: ROSE CLOVER

scientific name: **Trifolium hirtum**

family: **FABACEAE** LEGUME FAMILY

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

Found at the start of the trail.

leaflet

leaf



*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 May 2013*

*popular description for Chips Creek in-and-back hike*

common name: AMERICAN VETCH

scientific name: **Vicia americana** subsp. **americana**

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

A sprawling vine with flowers smaller than a dime.

Color blue-purple. Generally less than 10 flowers on a *raceme*.



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.  
Generally over 9 flowers in a *raceme*. Calyx pouched.



*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: CALIFORNIA SKULLCAP, others

scientific name: **Scutellaria californica**

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

Plants around 1-2' tall. Flowers about as long as 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 Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: PACIFIC STARFLOWER, others

scientific name: **Trientalis latifolia**

family: **MYRSINACEAE** MYRSINE FAMILY

Plants about 5" tall. Flower the size of a dime.  
Flower color white to pink.



*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: DIAMOND-PETALLED CLARKIA, others

scientific name: **Clarkia rhomboidea**

family: **ONAGRACEAE** EVENING-PRIMROSE FAMILY

Plants 1-2' tall. Flowers the size of a half dollar.



*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 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 Mar 2013*

*popular description for Chips Creek in-and-back hike*

common name: ORANGE BUSH MONKEYFLOWER, others

scientific name: **Mimulus aurantiacus**

family: **PHRYMACEAE** LOPSEED FAMILY

Bushy plants 1-2' tall. Flowers 1-2" long.



*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: ENGLISH PLANTAIN

scientific name: **Plantago lanceolata**

family: **PLANTAGINACEAE** PLANTAIN FAMILY

Plants about 1' tall. Flowers about the size of a dime.  
Found at the parking area.



*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: GAPING KECKIELLA, others

scientific name: **Keckiella breviflora**

family: **PLANTAGINACEAE** PLANTAIN FAMILY

A subshrub around 2' tall. Flower similar in size to a nickel.



*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

**common name:** SNAPDRAGON [genus common name; no species common name]

**scientific name:** *Antirrhinum cornutum*

**family:** **PLANTAGINACEAE** PLANTAIN FAMILY

Plants around 2' tall. Flowers the size of a nickel.





*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: BLUEHEAD GILIA

scientific name: **Gilia capitata**

family: **POLEMONIACEAE** PHLOX FAMILY

Around 1-2' tall. Flower clusters the size of a half dollar.  
Flowers fade to white.



*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 Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: NUDE BUCKWHEAT, others

scientific name: **Eriogonum nudum**

family: **POLYGONACEAE** BUCKWHEAT FAMILY

Plants about 2' tall. Flower clusters around the size of a nickel.



*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 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: DEER BRUSH

scientific name: **Ceanothus integerrimus**

family: **RHAMNACEAE** BUCKTHORN FAMILY

A large shrub, often 2-7' tall. Very small flowers in clusters around 5" long. DEER BRUSH flowers are often blue, but in this area are mostly white.



*nomenclature from Jepson eFlora Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: STICKY POTENTILLA, others

scientific name: **Drymocallis glandulosa**

family: **ROSACEAE** ROSE FAMILY

About 10" tall. Flowers the size of a nickel.



*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 Apr 2013*

*popular description for Chips Creek in-and-back hike*

common name: WILD HYACINTH

scientific name: **Dichelostemma multiflorum**

family: **THEMIDACEAE** BRODIAEA FAMILY

Plants around 15" tall. Flowers about the size of a dime.