



# Garden Smart Colorado

*A Guide to Non-Invasive Plants for your Garden*



Colorado Weed Management Association

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A Guide to Non-Invasive Plants  
for Your Garden

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## We Wish to Thank ...

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## About This Book

We have arranged this book into sections divided by invasive ornamentals that are listed in Colorado as noxious weeds. Colorado's noxious weed list is divided into A, B and C categories which require specific levels of management. These plants are no longer allowed to be sold in our state and should not be planted. Specific information is available from the Colorado State Noxious Weed Program or from your local county weed manager.

Included for each invasive are alternatives that may be planted instead. We have divided the choices by native and cultivated options and regionally by mountain and lower elevations.

Icons are used to identify both invasive and native plants as well as the sun exposure and water needs for each suggested alternative.

Please refer to the guide below for descriptions of the icons.

### *Guide to Icons:*

	Invasive - <i>Do Not Plant</i>		Colorado Native
	Full Sun		Moderate Water Needs
	Part Sun		Low Water Needs
	Full Shade		Very Low Water Needs



## **An Introduction to Invasive Ornamental Weeds**

Invasive ornamental weeds continue to overtake vast areas of pristine land all across Colorado. While not all exotic plants are a problem, some are. People seeking something different for their gardens have unwittingly brought these aggressive non-native species into our environment. These plants have quickly escaped from gardens and begun the demise of our native plant communities.

A major hurdle in stopping the spread of these species is the misconception that something attractive can not be a weed. On the contrary, invasive ornamental weeds such as oxeye daisy, myrtle spurge, and Russian-olive have proven to be very ecologically damaging and difficult to control once unleashed on our native landscapes.

This brochure highlights fifteen invasive ornamentals that are problematic in Colorado. They are designated as noxious weeds by the State and are prohibited for sale. This brochure also suggests alternatives including native and cultivated plants for both lower and higher elevations. Native plants are well adapted for our climate, come in many variations, and most importantly, have evolved in our local ecology. We recommend the use of these whenever possible. Our goals in landscape planting should consider the long-term consequences to our surrounding environment. Please consult your local nursery, garden center, or Colorado State University Extension office for more information about native plants and non-invasive introduced species.

### **Garden Responsibly...*Please***

Reputable nurseries follow the guidelines of the Colorado Nursery Act (Title 35, Article 26, C.R.S. 1973). This act identifies plant materials that cannot be sold in Colorado. Unfortunately, some mail order nurseries in other states may not realize that a certain plant cannot be sold in Colorado. Please consult this brochure or the Colorado Department of Agriculture's website [www.colorado.gov/ag/weeds](http://www.colorado.gov/ag/weeds) before making an internet or mail order catalog purchase.

In these times of easy access to a virtually unlimited variety of species for ornamental planting, it is up to us, as consumers, to do what is right for the environment while still realizing our goals for our property. Please help protect Colorado's natural and agricultural resources ... garden responsibly.

## INVASIVE - DO NOT PLANT

### Absinth wormwood (*Artemisia absinthium*)

Absinth wormwood is a perennial weed that was deliberately introduced as a medicinal plant. It is 2-4 ft. tall with very divided leaves and a strong aromatic odor. It spreads aggressively by seed. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Fringed sage (*Artemisia frigida*)

Perennial aromatic shrub with bluish-green velvety foliage which provides a nice contrast for other plants. Trim hard every few years for best garden appearance. May be toxic to livestock. 4-16 in. tall.



## NATIVE - LOWER ELEVATION

### Pearly everlasting (*Anaphalis margaritacea*)

A perennial with silvery foliage. White button-like clusters of flowers on top of upright stems dry beautifully. Most soils. 12-20 in. tall.  
Full sun, low water



## CULTIVATED - MOUNTAINS

### Edelweiss (*Leontopodium alpinum*)

Edelweiss is a perennial with white woolly leaves. White star shaped flowers bloom from July-September. Requires well-drained soils. A great addition for alpine rock gardens. 6-12 in. tall.



## CULTIVATED - LOWER ELEVATION

### Artemisia 'Sea Foam' (*Artemisia versicolor*)

A vigorous perennial with lacy silver blue mounding foliage. Clump forming and non-invasive. Recommended by Plant Select 2004. 6-12 in. tall.



## OTHER OPTIONS

### Native Options

Big sagebrush (*Artemisia tridentata*)

Horsebrush (*Tetradymia canescens*)

Sand sage (*Artemisia filifolia*)

White sage (*Artemisia ludoviciana*) *toxic to livestock*

### Cultivated Options

Mojave sage (*Salvia pachyphylla*)

## INVASIVE - DO NOT PLANT

### Bouncingbet (*Saponaria officinalis*)

Bouncingbet is a member of the Pink family. A cottage garden escapee, it is found along rights-of-way, in meadows, and waste areas. Originally from Europe, it is now found throughout North America. Bouncingbet is a herbaceous perennial that grows 1-3 ft. tall with pink to white flowers. This plant spreads by rhizomes and is usually found in colonies. It is unpalatable to livestock and is poisonous. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Rocky Mountain bee plant (*Cleome serrulata*)

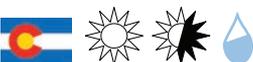
A fast-growing annual with attention getting spikes of bright pink-purple flowers that attract butterflies, hummingbirds, and night flying moths. Seeds provide food for songbirds. Prefers coarse soils. 2-5 ft. tall.



## NATIVE - LOWER ELEVATION

### Wild geranium (*Geranium viscosissimum* or *G. caespitosum*)

These long blooming perennials have pink flowers with reddish purple lines in the petals. The plant has lovely lobed leaves that turn red in fall. 10-18 in. tall.



## CULTIVATED - MOUNTAINS

### Purple coneflower (*Echinacea* spp.)

A perennial with large, daisy-like flowers from mid to late summer. Prefers fertile soils. Attracts butterflies. Great for cutting. At higher elevations, plant in a warm microclimate. 18-24 in. tall.



## CULTIVATED - LOWER ELEVATION

### Garden phlox (*Phlox paniculata*)

A perennial with dark green foliage and large clusters of flowers. Colors range from white to pink, red, purple, lavender and blue. Flowering occurs from spring to early fall. It prefers moist, fertile soil. 2-4 ft. tall.



## OTHER OPTIONS

### Native Options

Fireweed (*Epilobium angustifolium*) *May be aggressive*

Palmer penstemon (*Penstemon palmeri*)

Penstemon 'Prairie Jewel' (*P. grandiflorus* 'Prairie Jewel')

### Cultivated Options

Pinks (*Dianthus* spp.)

## INVASIVE - DO NOT PLANT

### Chinese clematis (*Clematis orientalis*)

Chinese clematis is a perennial vine that spreads very aggressively along creeks, rights-of-way and on rocky cliffs. It will climb fences, trees or similar structures but will sprawl if it does not have something to climb. The distinctive single yellow flower has four petals and is 1-2 in. wide. Feathery seed heads are conspicuous in late summer. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Native clematis (*Clematis ligusticifolia*)

Native clematis is also known as Virgin's Bower or Western white clematis. It is a vigorous climbing vine that has numerous small white flowers in mid to late summer. Masses of whitish seed heads attract attention in the fall. May be aggressive, best in larger spaces. Can reach lengths of 20 ft.



## NATIVE - LOWER ELEVATION

### Native hops vine (*Humulus lupulus*)

Vining plant with large lobed leaves. Fast growing. Pale green papery flowers used in dried arrangements, beer making, and medicinally. Can be susceptible to aphids. 15-20 ft. tall.



## CULTIVATED - MOUNTAINS

### Virginia creeper (*Parthenocissus quinquefolia*)

A climbing vine or ground cover. Leaves have 5 leaflets and turn deep red in fall. The fruits are purplish-black berries and a good food source for songbirds and wildlife. Can be somewhat toxic to humans and is toxic to livestock. May reach lengths of 50 ft.



## CULTIVATED - LOWER ELEVATION

### Honeysuckle 'Graham Thomas' (*Lonicera periclymenum* 'Graham Thomas')

An arching or climbing vine also known as European honeysuckle. It blooms from June-October with creamy white to yellowish fragrant trumpet-shaped flowers followed by bright red berries. Can reach lengths of 30 ft.



[www.Plant-Pictures.net](http://www.Plant-Pictures.net)

## OTHER OPTIONS

### Cultivated Options

Garden clematis (*Clematis* spp.)

Scarlet clematis (*Clematis texensis*)

Sweet autumn clematis (*Clematis ternifolia/paniculata*)

## INVASIVE - DO NOT PLANT

### Common tansy (*Tanacetum vulgare*)

Common tansy is a perennial weed with small button-shaped yellow flowers and strong smelling fern-like leaves. It spreads by both seeds and runners. It was originally introduced as an ornamental and as a medicinal plant. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Shrubby cinquefoil (*Potentilla fruticosa*/*Pentaphylloides floribunda*)

This rounded shrub is very adaptable. Flowers are 1 in. wide and are profuse, occurring over a long season. There are many different cultivars with different flower colors ranging from white to orange, yellow or pink. Attractive to butterflies. 1-4 ft. tall.



## NATIVE - LOWER ELEVATION

### Rabbitbrush (*Chrysothamnus nauseosus*)

Rabbitbrush is a perennial shrub that has a rounded shape. Yellow flowers are arranged in umbrella-shaped heads and occur from August-September. Attracts butterflies. Seedheads provide great winter interest. 1-4 ft. tall.



## CULTIVATED - MOUNTAINS

### Yarrow 'Moonshine' (*Achillea* 'Moonshine')

This non-spreading yarrow has flat-topped yellow flower heads. Does best in lean, well-drained soil. Attracts butterflies, deer resistant. 24 in. tall.



## CULTIVATED - LOWER ELEVATION

### Goldenrod (*Solidago* spp.)

Goldenrod is best known for its brilliant golden yellow flower heads seen in late summer into the fall. Often mistakenly blamed for allergies. Can be aggressive in moist, rich soils. Attracts butterflies. Height varies with species.



## OTHER OPTIONS

### Native Options

Blanket flower (*Gaillardia* spp.)

Prairie zinnia (*Zinnia grandiflora*)

Showy goldeneye (*Viguiera (Heliomeris) multiflora*)

Sticky flowered rabbitbrush (*Chrysothamnus viscidiflorus*)

Sulphur flower (*Eriogonum umbellatum*)

Sundancer daisy (*Hymenoxys acaulis*)

Sundrops (*Calylophus lavandulifolius* and *C. serrulatus*)

## INVASIVE - DO NOT PLANT

### Cypress spurge (*Euphorbia cyparissias*)

Cypress spurge is a perennial that reproduces by seed and spreading roots. The plant contains a milky sap that is irritating and may cause dermatitis. Although sheep may eat it, other animals will not. CO List A



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Sulphur flower (*Eriogonum umbellatum*)

Mat-forming wildflower with leathery leaves that are white underneath. Yellow clusters of flowers turn reddish with age. Attracts butterflies. 6-10 in. tall.



## NATIVE - LOWER ELEVATION

### Sundrops (*Calylophus serrulatus*)

A heavy bloomer from late spring through summer. Has lemon-yellow flowers with four petals. Prefers lean, well-drained soil. 15 in. tall.



## CULTIVATED - MOUNTAINS

### Basket of gold (*Alyssum montanum*)

Vigorous spreading plants with gray-green leaves. Produces dense clusters of yellow flowers in early spring. Stunning at the edge of beds or borders or trailing over rocks or walls. 6 in. tall.



## CULTIVATED - LOWER ELEVATION

### Pineleaf penstemon 'Mersea Yellow' (*Penstemon pinifolius* 'Mersea Yellow')

This unusually colored "sport" of pineleaf penstemon bears hundreds of small yellow flowers for a long period in mid-summer. Leaves are very narrow. Great in rock gardens. 12 in. tall.



## OTHER OPTIONS

### Cultivated Options

Argentinian blue-eyed grass (*Sisyrinchium macrocarpum*)

Dwarf broom (*Genista lydia*)

Missouri evening primrose (*Oenothera macrocarpa*)

Santolina (*Santolina chamaecyparissus*)

## INVASIVE - DO NOT PLANT

### Dame's rocket (*Hesperis matronalis*)

Dame's rocket is a biennial or short-lived perennial forb, ranging from 1-3 ft. in height. The flowers may be white, pink, or purple and start blooming in May. Dame's rocket is aggressive in old and untended gardens, undisturbed riparian areas and on steep slopes. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Sidebells penstemon (*Penstemon secundiflorus*)

Spring blooming perennial with blue-green leaves and lovely orchid-like purple-pink flowers. 12-18 in. tall.



## NATIVE - LOWER ELEVATION

### Palmer penstemon (*Penstemon palmeri*)

A fragrant penstemon with large spikes of light pink flowers in early summer and distinctive gray foliage. Likes heat, and must be grown in well-drained soils. Do not over water. 4-5 ft. tall.



## CULTIVATED - MOUNTAINS

### First Love Dianthus® (*Dianthus 'First Love'*)

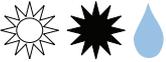
A perennial clump forming plant with flowers that change from white to pink to deep rose color. Blooms from spring to frost and is intensely fragrant. 15-20 in. tall. 2001 Plant Select recommendation.



## CULTIVATED - LOWER ELEVATION

### Meadow rue (*Thalictrum aquilegifolium*)

This perennial has clouds of pink blooms in June. Delicate small leaves resemble those of columbine. Prefers moisture retentive, fertile soils. 3-4 ft. tall.



## OTHER OPTIONS

### Native Options

- Bee balm (*Monarda fistulosa*)
- Columbine (*Aquilegia caerulea*)
- Narrowleaf coneflower (*Echinacea pallida*)
- Showy locoweed (*Oxytropis lambertii*) *Toxic to livestock*
- Woods rose (*Rosa woodsii*) *May be aggressive*

### Cultivated Options

- Bloody cranesbill (*Geranium sanguineum*)
- Coral bells (*Heuchera* spp.)
- Garden phlox (*Phlox paniculata*)
- Hollyhocks (*Alcea rosea*)
- Stock (*Mathiola* spp.)

## INVASIVE - DO NOT PLANT

### Myrtle spurge (*Euphorbia myrsinites*)

A highly invasive ornamental originally promoted for xeriscapes and rock gardens. This plant is rapidly expanding into sensitive ecosystems displacing native vegetation and reducing forage for wildlife. A low-growing perennial with trailing stems of fleshy blue-green alternate leaves. It exudes a toxic, milky latex which can cause severe skin irritations. Wearing gloves, long sleeves, and shoes is highly recommended when in areas with myrtle spurge. CO List A



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Kinnickinnick (*Arctostaphylos uva-ursi*)

A trailing shrub with dark green glossy evergreen leaves. Tiny pink flowers in the spring are followed by red berries. At lower elevations, plant in winter shade. Great under pine trees and in rock gardens, trailing over walls.



## NATIVE - LOWER ELEVATION

### Creeping mahonia (*Mahonia repens*)

A creeping evergreen shrub with holly-like leaves that turn bronze in winter. Yellow fragrant flowers in the spring are followed by edible blue berries. 4-8 in. tall.



## CULTIVATED - MOUNTAINS

### Creeping sedum (*Sedum* spp.)

Drought tolerant mat-forming plants are perfect for rock gardens. Many different species available with different colored flowers and succulent leaves. 1-2 in. tall.



## CULTIVATED - LOWER ELEVATION

### White horehound (*Marrubium rotundifolium*)

Mat-forming plants with rounded gray-green leaves that have lovely silver edges. Wonderful along path borders. Spreads to 12 in. wide. 3-10 in. tall



## OTHER OPTIONS

### Native Options

Pussytoes (*Antennaria* spp.)

Sulphur flower (*Eriogonum umbellatum*)

Yellow stoncrop (*Amerosedum lanceolatum*)

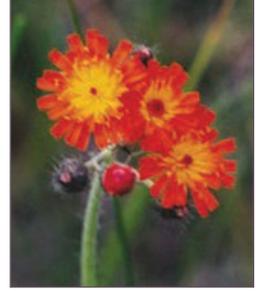
### Cultivated Options

Hardy purple ice plant (*Delosperma cooperi*)

## INVASIVE - DO NOT PLANT

### Orange hawkweed (*Hieracium aurantiacum*)

Orange hawkweed is a perennial that likes moist grassy areas and can be found along creeks, in meadows, and along rights-of-way. It reproduces aggressively by runners and by seed, crowding out all other vegetation. CO List A



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Wallflower (*Erysimum capitatum*)

Spring blooming biennial with fragrant orange to purple flowers. 12-18 in. tall.



## NATIVE - LOWER ELEVATION

### Globemallow (*Sphaeralcea munroana* or *S. coccinea*)

Orange flowers resemble miniature hollyhocks. Gray-green leaves. *S. coccinea* is 5-10 in. tall and blooms in spring. *S. munroana* is 36 in. tall and blooms midsummer.



## CULTIVATED - MOUNTAINS

### Poppies (*Papaver* spp.)

Poppies have lovely tissuepaper-like petals and tough constitutions. Many different species with different flower colors and bloom times.



## CULTIVATED - LOWER ELEVATION

### California poppy (*Eschscholzia californica*)

Cheerful orange and yellow cup-shaped flowers bloom in the spring. Blue-green foliage. Reseeds readily. 12-18 in. tall.



## OTHER OPTIONS

### Native Options

Blanket flower (*Gaillardia* spp.)

Orange agoseris (*Agoseris aurantiaca*)

Scarlet gilia (*Ipomopsis aggregata*)

### Cultivated Options

Marigolds (*Tagetes* spp.)

Shirley poppies (*Papaver rhoeas*)

Sunset hyssop (*Agastache rupestris*)

## INVASIVE - DO NOT PLANT

### Oxeye daisy (*Chrysanthemum leucanthemum*)

Oxeye daisy is an erect perennial with white ray and yellow disk flowers that bloom from June-August in Colorado's higher elevations. A native of Eurasia, this aggressive species has escaped cultivation and become a troublesome weed in the Intermountain West. Oxeye daisy is still commonly sold in wildflower seed mixes or transplanted as an ornamental despite its tendency to crowd out more desirable vegetation. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Native yarrow (*Achillea lanulosa*)

Flat-topped white clusters of flowers bloom all summer. Leaves are fern-like, gray-green and aromatic. Makes a great dried flower. May be aggressive, best in larger spaces. Toxic to livestock. 12-18 in. tall.



## NATIVE - LOWER ELEVATION

### Showy daisy (*Erigeron speciosus*)

Showy daisy blooms in mid-summer with many narrow white to blue "petals" around a yellow center. Attracts butterflies. 12-24 in. tall.



## CULTIVATED - MOUNTAINS

### Marguerite daisy (*Anthemis tinctoria* 'Susanna Mitchell')

Daisy-like flowers bloom almost all summer over fern-like foliage. Vigorous and easy to grow. 18-24 in. tall.



## CULTIVATED - LOWER ELEVATION

### White coneflower (*Echinacea purpurea* 'White Swan')

Large fragrant white flowers with an orange center bloom from mid-summer to frost. Makes an excellent cut flower. Attracts butterflies. Likes fertile, well-drained soils. 3 ft. tall.



## OTHER OPTIONS

### Native Options

- Black-eyed Susan (*Rudbeckia hirta*)
- Blanket flower (*Gaillardia aristata*)
- Pearly everlasting (*Anaphalis margaritacea*)
- Richardson's geranium (*Geranium richardsonii*)
- White prairie clover (*Dalea candida*)
- White tufted evening primrose (*Oenothera caespitosa*)
- White winecups (*Callirhoe* Logan Calhoun')

### Cultivated Options

- Sea Holly 'Miss Willmott's Ghost' (*Eryngium giganteum*)
- Serbian yarrow (*Achillea serbica*)

## INVASIVE - DO NOT PLANT

### Purple loosestrife (*Lythrum salicaria*)

Purple loosestrife has erect, multi-branched 1½-8 ft. tall square stems. The magenta flowers have five to seven petals and are arranged in long racemes. Can be found in wetlands throughout the state. A highly aggressive invader. If left unchecked, may form a monoculture. This plant poses a severe threat to waterfowl habitat and can impede water flow in irrigation ditches. Can produce 2-3 million seeds per plant every year. CO List A



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Fireweed (*Epilobium angustifolium*)

Brilliant pink flowers bloom mid-summer to frost. Plants spread underground by rhizomes to form large clumps. Prefers moisture retentive fertile soils. May be aggressive, best in larger spaces. 2-5 ft. tall.



## NATIVE - LOWER ELEVATION

### Rocky Mountain penstemon (*Penstemon strictus*)

Very showy spires of deep blue-purple snapdragon like flowers. Spreads to form large clumps. Attracts hummingbirds. Prefers well-drained soils. 2 ft. tall.



## CULTIVATED - MOUNTAINS

### Himalayan Border Jewel Fleeceflower (*Persicaria affinis*)

A great ground cover with spikes of shell pink flowers. Leaves turn red in fall. Spreads rapidly when given good soil and full sun, may be too aggressive for small gardens. 12 in. tall.



## CULTIVATED - LOWER ELEVATION

### Garden phlox (*Phlox paniculata*)

A perennial with dark green foliage and large clusters of flowers. Colors range from white to pink, red, purple, lavender and blue. Flowering occurs from spring to early fall. It prefers moist, fertile soil. 2-4 ft. tall.



## OTHER OPTIONS

### Native Options

Bee balm (*Monarda fistulosa*)

Columbine (*Aquilegia caerulea*)

Lupine (*Lupinus argenteus*)

Narrowleaf coneflower (*Echinacea pallida*)

Showy locoweed (*Oxytropis lambertii*) *Toxic to livestock*

Woods rose (*Rosa woodsii*) *May be aggressive*

## INVASIVE - DO NOT PLANT

### Russian-olive (*Elaeagnus angustifolia*)

Russian-olive is a hardy, fast-growing tree introduced from Europe originally promoted for windbreak and ornamental plantings. It spreads rapidly along riparian areas, eliminating nesting sites for birds. Farms and ranches may be impacted by Russian olive as it invades pastures and blocks irrigation ditches. (Note: Russian-olive is not usually found at high elevations) CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Greene's mountain-ash (*Sorbus scopulina*)

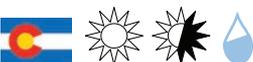
An erect, thicket-forming shrub with clusters of white flowers followed by orange berries. Pinnately compound leaves have lovely orange-red fall coloration. Prefers moisture-retentive fertile soils. 6-15 ft. tall.



## NATIVE - LOWER ELEVATION

### Silver buffaloberry (*Shepherdia argentea*)

A tough shrub or small tree with gray-green leaves. Female plants have bright red edible berries. 8-15 ft. tall. Can be limbed up as a small tree.



## CULTIVATED - MOUNTAINS

### Russian hawthorn (*Crataegus ambigua*)

This large shrub or small tree has white flowers in the spring followed by a profusion of bright red fruit. Tolerates compacted clay soil. 15-20 ft. tall.



## CULTIVATED - LOWER ELEVATION

### Japanese tree lilac (*Syringa reticulata*)

Large plumes of fragrant white flowers cover this small tree or large shrub in the beginning of summer. Attractive winter fruit display. 15-25 ft. tall.



## OTHER OPTIONS

### Native Options

- Chokecherry (*Prunus virginiana*)
- Gambel oak (*Quercus gambelii*)
- Serviceberry (*Amelanchier alnifolia*)

### Cultivated Options

- Crabapple (*Malus* spp.)
- Hawthorn (*Crataegus* spp.)
- Lilac (*Syringa* spp.)

## INVASIVE - DO NOT PLANT

### Scentless chamomile (*Matricaria perforata*)

Scentless chamomile is an annual. One plant may release up to 960,000 seeds. The seeds germinate quickly, allowing a single plant to give rise to more than one generation within a growing season. A very similar plant, mayweed chamomile (*Anthemis cotula*), occupies similar habitat but is distinguished by its pungent smell. Flowers have 12 white ray petals surrounding a yellow-coned center. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Pearly everlasting (*Anaphalis margaritacea*)

A perennial with clusters of small white flowers atop gray-green leaves in midsummer. Flowers dry beautifully. 1-3 ft. tall.



## NATIVE - LOWER ELEVATION

### White columbine (*Aquilegia* spp., white varieties)

A white-flowered form of the Colorado columbine. Prefers organic soils. 18-24 in. tall.



## CULTIVATED - MOUNTAINS

### White coral bells (*Heuchera* spp., white varieties)

Perennial with rosettes of basal leaves. Many varieties with colorful foliage. In early summer, small flowers arise on slender stalks. 12-18 in. tall.



## CULTIVATED - LOWER ELEVATION

### Feverfew (*Tanacetum parthenium*)

Feverfew produces aromatic, fern-like foliage. The flowers are small and white and can be used as a filler flower in arrangements. May be aggressive. 1-2 ft. tall.



## OTHER OPTIONS

### Native Options

Native chickweed (*Cerastium arvense*)

Northern bedstraw (*Galium septentrionale*)

### Cultivated Options

Candytuft (*Iberis sempervirens*)

Gaura (*Gaura lindheimeri*)

Larkspur (*Delphinium ajacis*, white varieties)

Spider flower (*Cleome spinosa*)

## INVASIVE - DO NOT PLANT

### Sulphur cinquefoil (*Potentilla recta*)

Sulphur cinquefoil is a perennial weed. Its leaves are palmately compound with five to seven toothed leaflets, and somewhat resemble a marijuana leaf. The light-yellow flowers have five petals that are deeply notched, and the leaf stalks have perpendicular hairs longer than the width of the stalk. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Native cinquefoils (*Potentilla* spp., *Drymocallis fissa*)

Perennials with yellow flowers in summer. Different species have different leaf types. *Drymocallis fissa* has a rounded shape, soft yellow flowers and reddish leaves in the fall. 12-18 in. tall.



## NATIVE - LOWER ELEVATION

### Chocolate flower (*Berlandiera lyrata*)

Cheery daisy-like flowers bloom all summer with a chocolate scent. Prefers a warm microclimate. Reseeds readily. 18 in. tall.



## CULTIVATED - MOUNTAINS

### Lance-leaf Coreopsis (*Coreopsis lanceolata*)

Easy to grow perennial with long blooming cheerful yellow flowers. Birds are attracted to the seed heads. Good cut flower. 16-24 in. tall.



## CULTIVATED - LOWER ELEVATION

### Coreopsis (*Coreopsis* spp.)

Yellow flowers make great additions to the perennial border or wildflower meadow. Most species are easily grown from seed.



## OTHER OPTIONS

### Native Options

Blanket flower (*Gaillardia* spp.)

Prairie zinnia (*Zinnia grandiflora*)

Sulphur flower (*Eriogonum umbellatum*)

Sundancer daisy (*Hymenoxys acaulis*)

Sundrops (*Calylophus lavandulifolius* and *C. serrulatus*)

## INVASIVE - DO NOT PLANT

### Saltcedar/Tamarisk (*Tamarix* spp.)

A shrub or tree native to the Mediterranean, China and Central Asia. Infests waterways throughout the West. Accumulates salt that is deposited onto the soil when the leaves drop, other riparian species are unable to survive and saltcedar can then become the only plant growing in an area. Some reports show that one acre of saltcedar can use 2.8 million gallons of water a year. Has been sold as an ornamental in the past but is no longer allowed to be sold in Colorado. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Wax currant (*Ribes cereum*)

A tough shrub, with tubular white-pink flowers in the spring followed by reddish fruit. The fruit is edible, but not tasty, except to birds. 3-4 ft. tall.



## NATIVE - LOWER ELEVATION

### Apache plume (*Fallugia paradoxa*)

Apache plume has attractive white flowers from June-August, followed by feathery, pink-plumed seeds. Needs well-drained soils. 3-6 ft. tall.



## CULTIVATED - MOUNTAINS

### Peking cotoneaster (*Cotoneaster acutifolius*)

An erect shrub with small glossy leaves that turn bright red in fall. Round black fruit persist all winter. Great as a hedge or windbreak. 4-7 ft. tall.



## CULTIVATED - LOWER ELEVATION

### Redbud (*Cercis canadensis*)

This small tree has a brilliant spring show of purplish-red flowers that bloom before the leaves emerge. Leaves are heart-shaped. 15-25 ft. tall.



## OTHER OPTIONS

### Native Options

American plum (*Prunus americana*) Toxic to livestock

Boulder raspberry (*Rubus deliciosus*)

Waxflower (*Jamesia americana*)

### Cultivated Options

Crabapples (*Malus* spp.)

Lilac (*Syringa vulgaris*)

Smokebush (*Cotinus coggygria* 'Purpureus')

## INVASIVE - DO NOT PLANT

### Dalmatian and Yellow toadflax (*Linaria genistifolia* and *L. vulgaris*)

Both species produce attractive yellow snapdragon-like flowers. Toadflaxes are very difficult to eradicate because they quickly escape from gardens to invade roadsides, native meadows, and pastures. They produce extensive root systems, which allow them to steal water and nutrients from native plants. Each plant produces thousands of seeds which are spread by the wind, birds, and other animals. CO List B



## PLANT INSTEAD - NATIVE - MOUNTAINS

### Golden banner (*Thermopsis rhombifolia* and *T. montana*)

Spikes of yellow lupine-like flowers bloom in the spring. Plants spread underground by rhizomes. Useful for erosion prevention. May be aggressive, best in larger spaces. May be toxic to livestock. 12-20 in. tall.



## NATIVE - LOWER ELEVATION

### Yellow columbine (*Aquilegia chrysantha*)

A particularly showy columbine with huge, yellow flowers. The plants often bloom from May to autumn frost and self sow generously. Perennial. Plant Select choice for 2001. 24-30 in. tall.



## CULTIVATED - MOUNTAINS

### Snapdragons (*Antirrhinum* spp.)

Tall spikes of flowers are favorites with children. An excellent cut flower. Prefers organic, moisture-rich soils. Heights vary with the cultivar.



## CULTIVATED - LOWER ELEVATION

### Hardy Jerusalem sage (*Phlomis russeliana*)

An easy-to-grow perennial with soft yellow flowers which are borne in tiers on tall, slender stems. Attracts bees and butterflies. The flowers develop into ornamental seed heads that persist into winter and provide food for birds. 3-4 ft. tall.



## OTHER OPTIONS

### Native Options

Black eyed Susan (*Rudbeckia hirta*)

Common evening primrose (*Oenothera villosa*)

Prairie coneflower (*Ratibida columnifera*)

Prince's plume (*Stanleya pinnata*)

Showy goldeneye (*Viguiera (Heliomeris) multiflora*)

Wallflower (*Erysimum capitatum* and *E. asperum*)

### Cultivated Options

Foxtail lily (*Eremeris* spp.)

Red hot poker (*Kniphofia* spp.)

# Index

- Absinth wormwood 6
- Agoseris, Orange 21
- Alyssum, Basket of gold 15
- Apache plume 32
- Argentinian blue-eyed grass 15
- Artemisia 'Sea Foam' 7
- Bedstraw, Northern 29
- Bee balm 17, 25
- Black-eyed Susan 23, 35
- Blanket flower 13, 21, 23, 31
- Bouncingbet 8
- Broom, Dwarf 15
- Buffaloberry, Silver 26
- Candytuft 29
- Chamomile, Scentless 28
- Chickweed, Native 29
- Chocolate flower 30
- Chokecherry 27
- Cinquefoil, Native 30
  - Shrubby 12
  - Sulphur 30
- Clematis, Chinese 10
  - Garden 11
  - Native 10
  - Scarlet 11
  - Sweet autumn 11
- Columbine, Blue 17, 25
  - White 28
  - Yellow 34
- Coneflower, Narrowleaf 17, 25
  - Prairie 35
  - Purple 9
  - White 23
- Coral bells 17
  - White 29
- Coreopsis 31
  - Lance-leaf 31
- Cotoneaster, Peking 33
- Crabapple 27, 33
- Cranesbill, Bloody 17
- Currant, Wax 32
- Daisy, Marguerite 23
  - Oxeye 22
  - Showy 22
  - Sundancer 13, 31
- Dame's rocket 16
- Dianthus 'First Love' 17
- Edelweiss 7
- Evening primrose, Common 35
  - Missouri 15
  - White tufted 23
- Feverfew 29
- Fireweed 9, 24
- Gaura 29
- Geranium, Richardson's 23
  - Wild 8
- Gilia, Scarlet 21
- Globemallow 20
- Golden banner 34
- Goldeneye, Showy 13, 35
- Goldenrod 13
- Hawkweed, Orange 20
- Hawthorn 27
  - Russian 27
- Himalayan Border Jewel
- Fleeceflower 25
- Hollyhock 17
- Honeysuckle, 'Graham Thomas' 11
- Hops, Native 10
- Horehound, White 19
- Horsebrush 7
- Hyssop, Sunset 21
- Ice plant, Hardy purple 19
- Kinnickinnick 18
- Larkspur 29
- Lilac 27, 33
  - Japanese tree 27
- Lily, Foxtail 35

Locoweed, Showy 17, 25  
 Loosestrife, Purple 24  
 Lupine 25  
 Mahonia, Creeping 18  
 Marigold 21  
 Meadow rue 17  
 Mountain ash, 'Greene's' 26  
 Oak, Gambel 27  
 Pearly everlasting 6, 23, 28  
 Penstemon, Palmer 9, 16  
     'Prairie Jewel' 9  
     Pineleaf 15  
     Rocky Mountain 24  
     Sidebells 16  
 Pinks 9  
 Phlox, Garden 9, 17, 25  
 Plum, American 33  
 Poppy, California 21  
     Shirley 21  
 Prairie clover, White 23  
 Prairie zinnia 13, 31  
 Prince's plume 35  
 Pussytoes 19  
 Rabbitbrush, Common 12  
     Sticky-flowered 13  
 Raspberry, Boulder 33  
 Red hot poker 35  
 Redbud 33  
 Rocky Mountain bee plant 8  
 Rose, Woods 17, 25  
 Russian-olive 26  
 Saltcedar 32  
 Sage, Big Western 7  
     Fringed 6  
     Hardy Jerusalem 35  
     Mojave 7  
     Sand 7  
     White 7  
 Santolina 15  
 Sea Holly 'Miss Willmott's Ghost' 23  
 Sedum, Creeping 19  
 Serviceberry 27  
 Smokebush 33  
 Snapdragon 35  
 Spider flower 29  
 Spurge, Cypress 14  
     Myrtle 18  
 Stock 17  
 Stonecrop, Yellow 19  
 Sulphur flower 13, 14, 19, 31  
 Sundrops 13, 14, 31  
 Tamarisk 32  
 Tansy, Common 12  
 Toadflax, Dalmatian 34  
     Yellow 34  
 Virginia creeper 11  
 Wallflower 20, 35  
 Waxflower 33  
 Winecups, white 23  
 Yarrow 'Moonshine' 13  
     Native 22  
     Serbian 23

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## Websites

Colorado Weed Management Association - [www.cwma.org](http://www.cwma.org)  
Eastern Colorado Wildflowers - [www.easterncoloradowildflowers.com](http://www.easterncoloradowildflowers.com)  
SW Colorado Wildflowers - [www.swcoloradowildflowers.com](http://www.swcoloradowildflowers.com)  
Kansas Wildflowers and Grasses - [www.kswildflowers.org](http://www.kswildflowers.org)  
Colorado Plant Database - [jeffco.us.coopext/intro.jsp](http://jeffco.us.coopext/intro.jsp)  
Plant Select - [www.plantselect.org](http://www.plantselect.org)  
Colorado Native Plant Society - [www.conpr.org](http://www.conpr.org)  
Denver Botanic Gardens - [www.botanicgardens.org](http://www.botanicgardens.org)  
Colo. State University Cooperative Extension - [www.ext.colostate.edu/](http://www.ext.colostate.edu/)  
Ladybird Johnson Wildflowers Center - [www.wildflowers.org](http://www.wildflowers.org)  
Plant-Pictures.net - [www.plant-pictures.net/3303](http://www.plant-pictures.net/3303)  
Colorado Dept. of Agriculture - [www.colorado.gov/ag/weeds](http://www.colorado.gov/ag/weeds)



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