

Field Guide to the Flora of Chimney Rock National Monument

Dedication:

This "Field Guide to the Flora of Chimney Rock National Monument" is dedicated to all of the Volunteers and Staff of Chimney Rock Interpretive Association (CRIA) and their Forest Service partners whose dedication to the mission of Chimney Rock National Monument make it possible to tell the story of the Ancestral Puebloans who lived there.

Table of Contents: Sections By Tabs

❖ Introduction

❖ Cactus

❖ Shrubs

❖ Trees

❖ Blue/Purple Flowers

❖ Red/Pink/Orange Flowers

❖ White Flowers

❖ Yellow Flowers

❖ Grasses

Introduction:

Acknowledgments:

We wish to acknowledge Helen Richardson, whose previous work on the Flora of Chimney Rock was the basis for this Guide. We wish to also thank the several CRIA volunteers and Forest Service personal who aided in its compilation. We wish to especially recognize Mr. Al Schneider, an accomplished botanist, without whose expertise, kindness, and cooperation this whole project would not have been possible.

Purpose:

The purpose of this Guide is to make available a reference to the Flora of Chimney Rock National Monument for all interested in the subject, especially the CRIA and Forest Service volunteers and staff who work at the Monument. It is meant first and foremost to be a guide to the identification of the various species of plants found within the Monument's boundaries. It is intended to help the Monument's staff answer visitor's questions about the flora that are inevitably asked, such as: "What's that pretty red flower up by the Great House?" and "What kind of tree is that?".

How to use this guide:

The flora contained in this guide can be found within the confines of Chimney Rock National Monument. The guide describes 159 different species that have been documented to exist within the Monument in two previously published academic studies. The first was conducted by Hazel Marguerite Schmoll (Schmoll, H. M. 1932. A Dissertation Submitted to the Faculty of the Division of Biological Sciences in Candidacy for the Degree of Doctor of Philosophy, Department of Biology, University of Chicago, 1932) and another by Arthur H. Harris (An Ecological Survey of the Chimney Rock Area of Southwestern Colorado, Museum of Arid Land Biology, University of Texas, El Paso, 1972).

The plants herein are grouped in several sections including, Cacti, Shrubs, Trees, Blue/Purple Flowers, Red/Pink/Orange Flowers, White Flowers, Yellow Flowers, and Grasses. Each species is presented within its group and cited with its common name, scientific name, the family it is classified in, the type of plant (perennial, annual, or biennial), and its flowering season(s), Spring (Mar, April, May), Summer (June, July, Aug), Fall (Sept, Oct, Nov.), There is also a short physical description, the type of habitat it occurs in and specific locations where it can be observed within the Monument where known. Also presented under the Notes citation are known or substantiated possibilities of being used by the Ancestral Puebloans who used to inhabit Chimney Rock and/or interesting facts or anecdotes about the species. The majority of the pictures used in this guide are taken from Al Schneider's website *Southwest Colorado Wildflowers* and are used with permission by the author. In addition, the scientific name of each species is linked to the specific page on Mr. Schneider's website that contains that species.

This guide is considered a living document and as such will be updated periodically, i.e. when new species are documented, when physical locations within the Monument where the species may be found and verified, or documented or substantiated possibilities of use by the Ancestral Puebloans become known. If, in using this guide, you find any errors, know of species that should be included or deleted, or have any pertinent information that should be included, please contact Ernie OToole at eotoole1@yahoo.com. All comments are welcomed.

Finally, for those who wish to look for additional information on any subject species, we recommend the following links:

Botanical information and photographs - <https://www.swcoloradowildflowers.com/>, Al Schneider's website.

Historically documented uses of plants - <http://naeb.brit.org/>, which is the Native American Ethnobotany Database.

Glossary: Terms used in the guide.

Angiosperm: A flowering plant.

Axils: The upper angle between a leaf stalk or branch and the stem or trunk from which it is growing.

Calyx: The outer segment of the perianth that encloses and protects the petals and other floral parts when the flower is in bud.

Deciduous: Shedding leaves annually. Used to describe a plant (usually a tree) which sheds all of its leaves each year, usually in the fall.

Evergreen: A plant which retains a large portion of its green leaves all year. Evergreen plants do drop leaves at various yearly intervals. Often all leaves are retained for the first 3-8 years of growth on the new stems. Then the oldest growth of leaves yellow and drop.

Gymnosperm: A plant that reproduces by means of an exposed seed or ovule, unlike angiosperms, or flowering plants, whose seeds are enclosed by mature ovaries, or fruits.

Inflorescence: The complete flower head of a plant including stems, stalks, bracts, and flowers.

Monocotyledons: A flowering plant with an embryo that bears a single cotyledon (seed leaf). Monocotyledons constitute the smaller of the two great divisions of flowering plants, and typically have elongated stalkless leaves with parallel veins (e.g., grasses, lilies, palms).

Parasitic: A plant that obtains all or part of its nutrition from another plant (the host) without contributing to the benefit of the host.

Petiole: The stem of a leaf. "Petiolate" means, "with a petiole".

Pinnate: Leaves that have a primary central midrib from which leaf subdivisions branch, i.e., the leaf is cut into a number of subdivisions called leaflets or "pinna". Each of these pinna might be cut again into divisions and these divisions can again be cut.

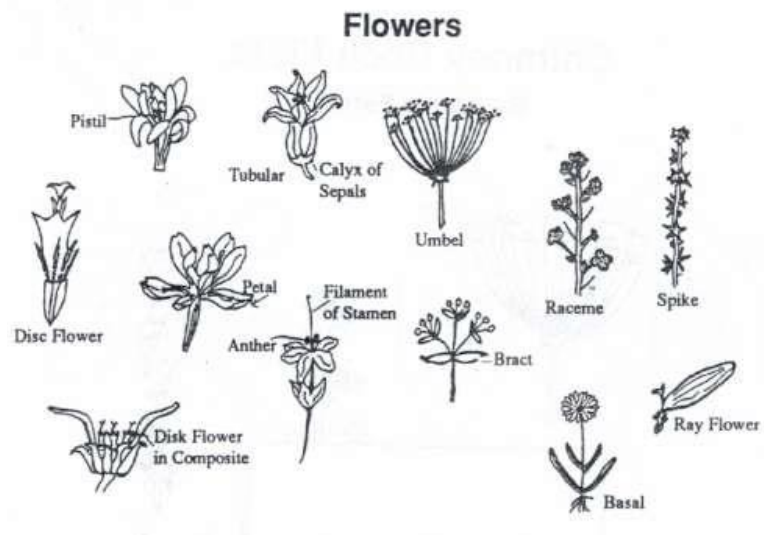
Rhizome: Also known as rootstocks, is a type of plant stem situated either at the soil surface or underground that contains nodes from which roots and shoot originate.

Serrated: Saw-like; with forward pointing teeth along the margin, as in some leaves.

Spinescent: Becoming spiny; tapering to a sharp rigid point.

Sp. (Spp.): Abbreviation for "species". (Plural is Spp.) These abbreviations are most often used to indicate that the exact species is unknown, e.g., "Aster sp." would mean that the author is confident that the plant is in the Aster genus, but the author does not know exactly which species it is. You might use spp. to label the plants in a photograph when there are a number of different species of the same genus but they have not been individually identified.

Flower Terminology



Leaf Terminology



Cacti

Any of a family (Cactaceae, the cactus family) of plants that have succulent stems and branches with scales or spines instead of leaves and are found especially in dry areas (such as deserts)

Hybrid Cholla *Cylindropuntia x media*

Family: Cactus (Cactaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 5' tall & wide, cylindrical spine-covered stems. Magenta flowers.		
Where Found	Semi-deserts. Sandy, rocky openings and grasslands. CRNM Locations: Upper mesa by host shelter, Along the ravine west of the Great Kiva.		
Notes	This plant is thought to be a hybrid of <i>C. imbricata</i> and <i>C. Whipplei</i> and may have been introduced into the Chimney Rock area by the Ancestral Puebloans. Flowers and fruit may have been used as a food source.		



Whipple's Cholla *Cylindropuntia whipplei*

Family: Cactus (Cactacea)	Bloom: Perennial	Flowering: Summer	Native
Description	To 3' tall & 6' wide; cylindrical spine-covered stems. Green/yellow flowers.		
Where Found	Semi-desert, foothills. Openings. CRNM Locations: TBD		
Notes	Flowers and fruit may have been used by Ancestral Puebloans as a food source.		



Claret Cup Cactus *Echinocereus mojavensis*

Family: Cactus (Cactaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Clumps of cylindrical, spiny, 2-3" wide, 4 to 12 " tall stems. Bright red flaring flowers.		
Where Found	Semi-desert, woodlands, openings. CRNM Locations: Upper mesa parking lot, Great House Pueblo trail.		
Notes			



Plains Pincushion Cactus *Escobaria vivipara*

Family: Cactus (Cactaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Small, silvery, spine balls; grooved segments; magenta flowers; fruit fleshy,		
Where Found	Semi-desert. Woodlands, shrub-lands, openings. CRNM Locations: Upper mesa parking lot, Mesa Village Trail and Great House Pueblo Trail.		
Notes			



Fragile Prickly Pear *Opuntia fragilis*



Family: Cactus (Cactaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Low mat to 18" diameter; cylindrical stems easily break at joints; large yellow flowers.		
Where Found	Semi-desert, foothills. Sandy and rocky openings. CRNM Locations: Upper mesa parking lot, Mesa Village Trail and Great House Pueblo Trail.		
Notes			





Brown-spined Prickly Pear *Opuntia phaeacantha*

Family: Cactus (Cactaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	5" flat pads with spines; tiny brown spines on edge; large yellow or pink flowers.		
Where Found	Semi-desert, foothills. Openings. CRNM Locations: Upper mesa parking lot, Mesa Village Trail and Great House Pueblo Trail.		
Notes	Historically used by Pueblo People as a food product in many forms including fresh, dried, candied and roasted.		



Plains Prickly Pear <i>Opuntia polykantha</i>			
Family: Cactus (Cactaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	Spreading to several feet; 3" flat pads with spines; large yellow or pink flowers.		
Where Found	Semi-desert, foothills. Openings. CRNM Locations: TBD		
Notes			
			

Simpson's Cactus <i>Pediocactus simpsonii</i>			
Family: Cactus (Cactaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	Small silvery spine balls; light yellow flowers, fruit dry.		
Where Found	Semi-desert, foothills. Openings. CRNM Locations: TBD		
Notes			
			

Shrubs

A shrub is a woody plant that is typically three to six feet tall. Unlike a tree, shrubs have several stems and vary widely in both width and height.

Fragrant Snakeroot *Ageratina herbacea*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 30" tall and wide, triangular leaves; upright feathery disk flower heads.		
Where Found	Foothills, montane. Woodlands, meadows, ridges and washes. CRNM Locations: TBD		
Notes			



Barberry *Alloerberis fremontii*

Family: Barberry (Berberidaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	3-7' tall; thick, holly-like leaves; numerous yellow flowers		
Where Found	Foothills, montane. Woodlands, meadows, ridges and washes. CRNM Locations: TBD		
Notes			







Serviceberry <i>Amelanchier utahensis</i>			
Family: Rose (Rosaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	3-5' tall, oval serrated leaves; white flower with narrow petals, 1/3" blue fruit.		
Where Found	Foothills, montane. Woodlands, shrub-lands, canyons. CRMN Locations: Upper trail and throughout the Monument.		
Notes	Fresh and dried berries were used historically used by Pueblo People. The wood was used to make implements, such as bows and arrows.		





Black Sagebrush <i>Artemisia nova</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	20" tall and wide. Dark; tiny leaves, aromatic, lobed; elongated inflorescence, tiny disk flowers.		
Where Found	Foothills, montane. Shrub-lands. CRMN Locations: Upper mesa parking lot, Mesa Village Trail and Great House Pueblo Trail.		
Notes			



Big Sagebrush <i>Artemisia tridentata</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	3 to 8' tall and wide; three-lobed, sage-green narrow leaves; elongated inflorescence, tiny disk flowers.		
Where Found	Where Found: Semi-desert, foothills, montane, Shrub-lands. CRNM Locations: TBD		
Notes			
			

Four-Winged Saltbush <i>Atriplex canescens</i>			
Family: Amaranth (Amaranthaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	3 to 5' tall and wide; Narrow, light green leaves; yellow flowers; many four-winged seeds.		
Where Found	Semi-desert, foothills. Woodlands, openings. CRNM Locations: TBD		
Notes	Historically the ash was used by Pueblos as a leavening agent (result similar to baking soda) and to color corn meal blue; some medicinal uses; leaves and twigs used to dye fabrics yellow; and wood used in ceremonial objects such as prayer sticks.		
			

California Brickellbush <i>Brickellia californica</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Spring	Native
Description	To 3' tall, 5' wide; small triangular lobed or toothed, leaves; tight cluster disk flowers.		
Where Found	Foothills, montane. Rocky areas, woodlands, shrub-lands. CRNM Locations: Mesa host shelter, Mesa Village Trail.		
Notes			
			

Mountain Mahogany <i>Cercocarpus montanus</i>			
Family: Rose (Rosaceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	to 6' tall; many thin gray stems; tiny trumpet-like flowers; seeds with feathery tails.		
Where Found	Semi-desert, foothills montane. Shrub-lands, woodlands, canyons. CRNM Locations: Found throughout the Monument.		
Notes	The roots and bark were historically used by Pueblos to create red and brown dyes and the strong wood used for making tools including bows, arrows, atlatls and weaving implements.		
			

Green's Rabbitbrush *Chrysothamnus greenei*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 20" tall and wide; leaves to 40 x 2 mm long and wide, rarely twisted, faint mid vein.		
Where Found	Foothills, shrublands woodlands, meadows. CRNM Locations: TBD		
Notes			



Sticky Rabbitbrush *Chrysothamnus viscidiflorus*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	to 48" tall and wide; leaves to 75 x 10 mm long and wide, often twisted, visible mid vein.		
Where Found	Semi-desert, foothills, montane. Woodlands, meadows, disturbed areas. CRNM Locations: Found throughout the Monument.		
Notes	Historically used by Pueblo People to; create yellow and orange dyes from the blossoms, the fiber as thatch on roofs, and the plant and as an herb in cooking.		



Rubber Rabbitbrush *Eriameria nauseosa*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 7' tall and wide; new stems white; slender leaves; yellow flowers cover plant.		
Where Found	Semi-desert, foothills, montane. Openings, disturbed areas. CRNM Locations: TBD		
Notes	Historically used by Pueblo People to; create yellow and green dyes from the flowers, branches for weaving, leaves as an emetic and roots to control fever and pain.		



Cliff Fendler Bush *Fendlera rupicola*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Spring	Native
Description	To 9' tall; dark vertical stems; pink buds, 4 petaled white flowers; buff seed pods.		
Where Found	Semi-desert, foothills. Woodlands Openings. CRNM Locations: Upper and lower mesa trails, throughout the Monument.		
Notes	Historically used by Pueblos to make tools such as bows, arrows, Atlatls and weaving implements and some medicinal uses.		



Winter Fat *Krascheninnikovia ceratoides*

Family: Amaranth (Amaranthaceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	2-5' tall & wide; very white hairy seed capsule showily clustered along elongated stems.		
Where Found	Semi-desert. Shrub-lands. CRNM Locations: TBD		
Notes			



Wild Crab Apple *Peraphyllum ramosissimum*

Family: Rose (Rosaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	3-5' tall and wide; glossy, dark green, narrow leaves; many white/pink flowers; 1/3 " fruits.		
Where Found	Foothills. Woodlands, openings. CRNM Locations: TBD		
Notes			



Cliffrose *Purshia stansburiana*

Family: Rose (Rosaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	8' tall, 5' wide, stems arch; 5 lobed leaves; very aromatic creamy flowers; feathery-tailed seeds.		
Where Found	Semi-desert foothills. Woodlands, shrub-lands, openings. CRNM Locations: TBD		
Notes	The bark was historically used by Pueblo People to create a fiber for making mats, rugs and bedding, bark and stems to create a brown dye and medicinally used to wash wounds and as an emetic.		



Bitterbrush *Purshia tridentata*

Family: Rose (Rosaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	2-3'tall; 5-7' wide; sprawls; tiny 3-lobed leaves; numerous 3/4" very sweet creamy flowers.		
Where Found	Semi-desert, foothills. Woodlands, shrub-lands, openings. CRNM Locations: TBD		
Notes			



Aromatic Sumac *Rhus aromatica*

Family: Sumac (Anacardiaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	To 7' tall and wide; aromatic scalloped leaves; clustered tiny yellow flowers, hairy red berries.		
Where Found	Semi-desert, foothills, montane. Woodlands, canyons. CRNM Locations: Mesa Village Trail, Great House Pueblo Trail, and throughout the Monument.		
Notes	Fruit may have been a food source, and stem peelings may have been used in basketry by the Ancestral Puebloans.		



Wild Rose *Rosa woodsii*

Family: Rose (Rosaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	2-5' tall, singly or in thickets, thorny stems, toothed leaves, pink aromatic flowers.		
Where Found	Foothills montane, sub-alpine. Woodlands, shrub-lands, stream sides. CRNM Locations: Mesa Village Trail, Great House Pueblo Trail, and throughout the Monument.		
Notes	Rose hips may have been a food source for the Ancestral Puebloans.		



Coyote Willow *Salix exigua*

Family: Willow (Salicaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	To 9'tall; masses of thin-stems in wetlands; 6" long slender leaves; yellow flower chains.		
Where Found	Semi-desert, foothills, montane. Stream sides, pond boarders, irrigations ditches. CRNM Locations: TBD		
Notes	The branches and bark fiber historically used by the Pueblo People as a building material and for basketry.		



Greasewood *Sarcobatus vermiculatus*

Family: Greasewood (Sarcobataceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	To 7' tall; lustrous, thick leaves; white stem and spines, cylinder of minute flowers.		
Where Found	Semi-desert. Shrub-lands, openings. CRNM Locations: TBD		
Notes	Historically used by Pueblo People. The strong wood used for building material, to make a variety of tools and as a fuel source, fruit as food.		



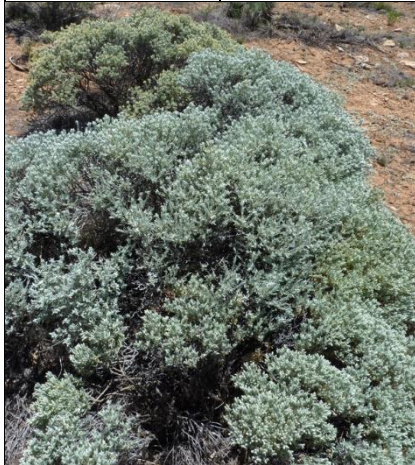
Snowberry *Symphoricarpos rotundifolius*

Family: Honeysuckle (Caprifoliaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 5' tall and wide; abundant; elliptic leaves variable; drooping elongated pink bell flowers.		
Where Found	Montane, sub-alpine. Woodlands. CRNM Locations: TBD		
Notes			





Horsebrush *Tetradymia canescens*



Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 4' tall and wide; silvery-hairy clustered leaves; profusion of yellow flowers and fuzzy seeds.		
Where Found	Semi-desert, foothills, montane. Openings, shrub-lands. CRNM Locations: TBD		
Notes	Historically used by Pueblo People medicinally as cold and cough remedy, emetic and disinfectant.		



Trees

A tree as a woody plant that regularly renews its growth. Most plants classified as trees have a single self-supporting trunk containing woody tissues and in most species the trunk produces secondary limbs, called branches.

Russian Olive <i>Elaeagnus angustifolia</i>			
Family: Oleaster (Elaeagnaceae)	Bloom: Perennial	Flowering: Spring	Non-native Invasive
Description	4" x 1/2" sage-green leaves; thorns; many yellow flowers; 1/2" elliptical gray fruit.		
Where Found	Foothills, montane. Stream sides, disturbed areas, fields. CRNM Locations: TBD		
Notes	Introduced from Asia and has become very invasive especially along streams. Considered a noxious plant in CO, NM, and UT		
			

Utah Juniper <i>Juniperus osteosperma</i>			
Family: Cypress (Cupressaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Evergreen tree; Shredded gray bark; tiny over-lapping leaves; blue cones (berry-like).		
Where Found	Semi-desert, foothills. Woodlands. CRNM Locations: Upper mesa parking area.		
Notes	Bark very fibrous and was shredded and spun into thread to make rope. Berries (technically cones) were used as a food source. Timber was used for building, comfort and cooking fires.		
			

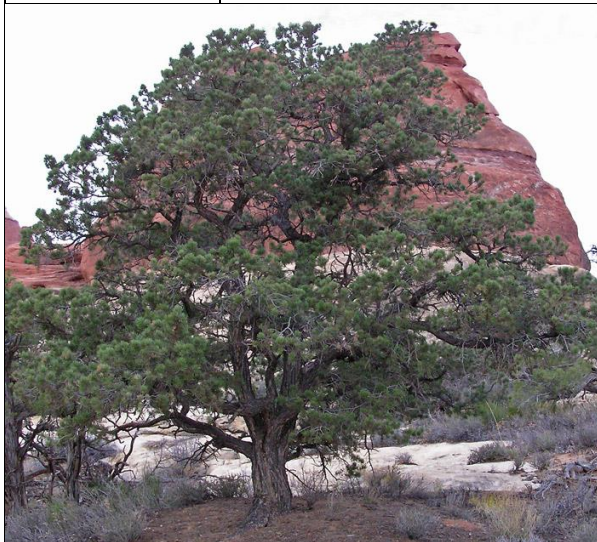
Rocky Mountain Juniper *Juniperus scopulorum*

Family: Cypress (Cupressaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Evergreen tree; gray bark; yellow-green leaves in one plane; soft blue cones (berry-like).		
Where Found	Semi-desert, foothills. Woodlands. CRNM Locations: The Rocky Mountain Juniper is the dominant Juniper in the Monument and is virtually everywhere.		
Notes	Bark very fibrous and was shredded and spun into thread to make rope. Berries (technically cones) were used as a food source. Timber was used for building, comfort and cooking fires.		



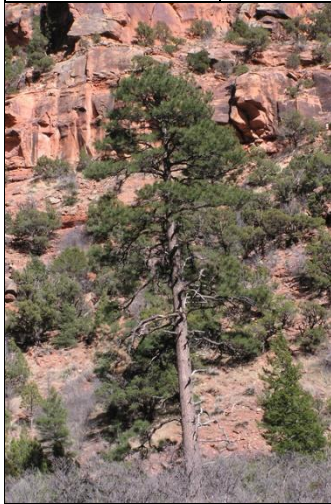
Pinyon Pine *Pinus edulis*

Family: Pine (Pinaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Evergreen tree; dark furrowed bark; 1-2" needle-like leaves; 2 in a bundle; edible seeds.		
Where Found	Semi-desert foothills. Woodlands. CRNM Locations: Widespread along the upper mesa trails, scattered throughout the Monument.		
Notes	Wood used for building, comfort and cooking fires. Seeds were a mainstay food item. Scientific name <i>P. edulis</i> means edible.		



Ponderosa Pine *Pinus ponderosa*



Family: Pine (Pinaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Evergreen tree, tallest tree in area; jig-saw puzzle bark; 2-3 leaves bundled, 5 -8" long; 2-4" cones.		
Where Found	Semi-desert foothills. Woodlands. CRNM Locations: Widespread in the lower areas of the Monument, scattered on the upper mesa.		
Notes	Wood used for building, comfort and cooking fires. Seeds were a mainstay food item. A vanilla scent can be detected in the furrows of the bark.		







Cottonwood *Populus deltoides*



Family: Willow (Salicaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Tallest deciduous tree in Monument; triangular, shiny leaves whisper in wind; chains of flowers and seeds.		
Where Found	Semi-desert foothills. Canyons, stream sides, washes. CRNM Locations: TBD		
Notes			





Chokecherry <i>Prunus virginiana</i>			
Family: Rose (Rosaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	In colonies to 15' high; elliptic leaves; showy clusters white flowers; blue berries.		
Where Found	Foothills, montane. Shrub-lands, woodlands. CRNM Locations: TBD		
Notes	Berries may have been a food source for the Ancestral Pueblos.		
			

Douglas Fir <i>Pseudotsuga menziesii</i>			
Family: Pine (Pinaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	Tall evergreen tree; flat, not bundled leaves; on north moist cool slopes; distinctive cones with three pronged bracts.		
Where Found	Foothills, montane, subalpine. Woodlands. CRNM Locations: Along the Mesa Village and the Great House Pueblo Trails to the North.		
Notes	Not a true fir, the genus <i>Pseudotsuga</i> means false hemlock. Wood used for building, comfort and cooking fires.		
			

Gambel's Oak <i>Quercus gambelii</i>			
Family: Beech (Fagaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	10' tall in groves; leaves with variably rounded indentations; yellow pollen chains; acorns.		
Where Found	Foothills montane. Woodlands, shrub-lands. CRNM Locations: Found throughout the monument.		
Notes	Strong wood used for atlatl, bows, arrows. Wood used for cooking and comfort fires. Acorns may have been a food source.		
			



Tamarisk <i>Tamarix chinensis</i>			
Family: Tamarisk (Tamaricaceae)	Bloom: Perennial	Flowering: Summer/Fall	Non-native Invasive
Description	Bush-like tree to 15'; many prickly, stiff branches; clusters of pink flowers.		
Where Found	Semi-desert foothills. Stream sides. CRNM Locations: TBD		
Notes	Introduced for erosion control. Is considered a noxious invasive species in CO, NM.		
			



Siberian Elm <i>Ulmus pumila</i>			
Family: Elm (Ulmaceae)	Bloom: Perennial	Flowering: Spring	Non-native
Description	Very common. To 40' tall and 50' spread; 2" serrated leaves; myriad of flat round seeds.		
Where Found	Foothills, Roadsides, fields, farms. CRNM Locations: TBD		
Notes	Siberian Elm is considered a noxious species in NM.		
			



Flowers



A flower, sometimes known as a bloom or [blossom](#), is the [reproductive](#) structure found in [flowering plants](#). The function of a flower is to facilitate plant reproduction.



Blue/Purple Flowers



Missouri Milkvetch <i>Astragalus missouriensis</i>			
Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	To 5" tall, 8" wide; stems along ground; clustered showy flowers.		
Where Found	Semi-desert. Woodlands, shrublands, openings. CRNM Locations: TBD		
Notes			
			


Wingate's Milkvetch <i>Astragalus wingatanus</i>			
Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	To 12" tall & 18" wide; stems along ground, turning upward; clustered tiny flowers.		
Where Found	Semi-desert. Woodlands, shrublands, openings. CRNM Locations: TBD		
Notes			
			


Musk Thistle <i>Cardus nutans</i>			
Family: Sunflower (Asteraceae)	Bloom: Biennial	Flowering: Summer	Non-Native
Description	Prickly thistle to 5' tall; large spiny leaves & large red flowers		
Where Found	Semi-desert, foothills, montane, sub-alpine. Meadows, disturbed areas. CRNM Locations: TBD		
Notes	This is an introduced, very invasive plant. It is classified as a noxious weed in CO, NM, UT		
			



Purple Mustard <i>Chorispora tenella</i>			
Family: Mustard (Brassicaceae)	Bloom: Annual	Flowering: Spring	Non-native Invasive
Description	8" tall; often large colonies/ finger-shaped leaves; 4 narrow, twisted petals.		
Where Found	Semi-deserts, foothills. Fields, woodlands, openings. CRNM Locations: TBD		
Notes			
			



Dwarf Larkspur <i>Delphinium nuttallianum</i>			
Family: Buttercup (Ranunculaceae)	Bloom: Perennial	Flowering: Spring/Early Summer	Native
Description	6-14" tall; often in patches; few finely cut leaves; inky blue spurred flowers.		
Where Found	Foothills, montane. Meadows. CRNM Locations: TBD		
Notes			
			


Tansy Aster <i>Dieteria canescens</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Spring/Summer/Mostly Fall	Native
Description	To 30" tall, many short side branches, many 1" pink/purple flowers.		
Where Found	Foothills, montane, subalpine. CRNM Locations: TBD		
Notes			
			


Pennyroyal <i>Hedeoma drummondii</i>			
Family: Mint (Lamiaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Mounded to 7" tall and wide; yellow-green leaves with blue/pink flowers from leaf axils.		
Where Found	Semi-desert. Rimrock, openings. CRNM Locations:		
Notes			
			


Stickseed <i>Lappula redowskii</i>			
Family: Forget-me-not (Boraginaceae)	Bloom: Annual	Flowering: Summer	Native
Description	6" tall; very slender; tiny blue/white flowers; prickly seeds; cling to clothes.		
Where Found	Semi-desert. Openings. CRNM Locations: TBD		
Notes			
			


Blue Flax <i>Linum lewisii</i>			
Family: Flax (Linaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	1-2' tall; clusters of leaning stems; light blue 1" flowers; last till mid-day.		
Where Found	Semi-desert, foothills, montane, sub-alpine. Woodlands, openings, meadows. CRNM Locations: TBD		
Notes			
			

King's Lupine <i>Lupinus kingii</i>			
Family: Pea (Fabaceae)	Bloom: Annual	Flowering: Summer	Native
Description	To 5" tall; very hairy; deeply cut leaves; cluster of blue flowers.		
Where Found	Foothills, montane. Meadows, woodlands. CRNM Locations: TBD		
Notes			
			

Alfalfa <i>Medicago sativa</i>			
Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Spring/Summer/Fall	Non-native
Description	3' high and wide; clusters of blue/purple/white flowers.		
Where Found	Foothills, montane. Fields, openings. CRNM Locations: TBD		
Notes			
			

Purple Owl Clover <i>Orthocarpus purpureoalbus</i>			
Family: Broomrape (Orobanchaceae)	Bloom: Annual	Flowering: Summer/Fall	Native
Description	Typically 12" tall; very slender plant, leaves and purple/white flowers.		
Where Found	Foothills, montane. Openings. CRNM Locations: TBD		
Notes			
			

Narrow-leaved Penstemon <i>Penstemon linarioides</i>			
Family: Plantain (Plantaginaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Mounded to 1' tall and wide; narrow, short leaves; flowers numerous, pale blue, tubular.		
Where Found	Semi-desert, foothills. Openings, woodlands. CRNM Locations: TBD		
Notes			
			



Rocky Mountain Penstemon <i>Penstemon strictus</i>			
Family: Plantain (Plantaginaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 3' tall; solitary stems or clusters; few long leaves; purple tubular flowers.		
Where Found	Foothills, montane, sub-alpine. Meadows, openings. CRNM Locations: TBD		
Notes			
			



Blue Phacelia *Phacelia crenulata*



Family: Forget-Me-Not (Boraginaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 14" tall; 1-4" long, narrow, light green, notched leaves; arching cluster blue flowers.		
Where Found	Semi-desert. Canyons, openings, sand. CRNM Locations: TBD		
Notes			





Red/Pink/Orange Flowers

Tapertip Onion <i>Allium acuminatum</i>			
Family: Amaryllis (Amaryllidaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 1' tall; 2-4 narrow concave upright to curving leaves dried by flowering time		
Where Found	Foothills. Woodlands, openings. Foothills. CRNM Locations: TBD		
Notes			
<div style="display: flex; justify-content: space-around;">   </div>			

Broomrape <i>Aphyllon fasciculatum</i>			
Family: Broomrape (Orobanchaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 5" tall; parasitic; thin stems in bundles directly from ground; pink/white flowers.		
Where Found	Foothills, montane. Openings, shrub-lands, woodlands. CRNM Locations: TBD		
Notes			
<div style="display: flex; justify-content: space-around;">   </div>			

Showy Milkweed <i>Asclepias speciosa</i>			
Family: Dogbane (Apocynaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	3' tall; 5" x 2" leaves; 3" ball of pink/white flower; large pod of sticky seeds.		
Where Found	Foothills. Moist roadsides, fields. CRNM Locations: TBD		
Notes			
			

Crescent Milkvetch <i>Astragalus amphioxys</i>			
Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Sprawling; hairy leaflets; bright pink-purple flowers; inch long curved pods. CRNM Locations: TBD		
Where Found	Semi-desert. Openings. CRNM Locations: TBD		
Notes			
			

Desert Paintbrush *Castilleja chromosa*

Family: Broomrape (Orobanchaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	14" tall purple hairy stems; upper leaves red; hairy; deeply notched; thin tube green flowers.		
Where Found	Semi-desert, foothills. Canyons, grasslands. CRNM Locations: TBD		
Notes			





Wyoming Paintbrush *Castilleja linariifolia*



Family: Broomrape (Orobanchaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	2+' tall; branched; narrow, often curling leaves; upper leaves and calyx light or bright red.		
Where Found	Foothills, montane. Shrub-lands; woodlands. CRNM Locations: Mesa Village and Great House Pueblo Trails. Scattered throughout the Monument.		
Notes	This is the state flower of Wyoming		







New Mexico Thistle *Cirsium neomexicanum*

Family: Sunflower (Asteraceae)	Bloom: Biennial	Flowering: Summer/Fall	Native
Description	To 6' tall; sage green lobed leaves; long, spreading spines below pink/white flowers.		
Where Found	Semi-desert, foothills. Shrub-lands, openings. CRNM Locations: TBD		
Notes			
			

Club Flower *Cordylanthus wrightii*

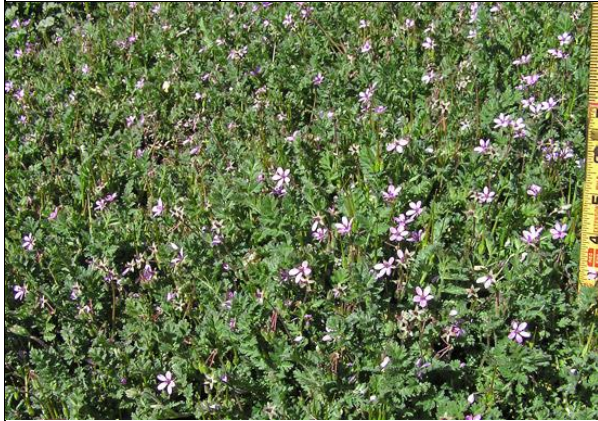
Family: Broomrape (Orobanchaceae)	Bloom: Annual	Flowering: Summer/Fall	Native
Description	To 20" tall, open branched form; linear leaves; bird-beak shaped, closed, upright flowers.		
Where Found	Semi-desert, foothills. Sand. CRNM Locations: TBD		
Notes			
			

Dragon Head <i>Dracocephalum parviflorum</i>			
Family: Mint (Lamiaceae)	Bloom: Annual or Biennial	Flowering: Summer	Native
Description	To 20"; light green, horizontal, serrated leaves; tiny pink flowers in leaf axils.		
Where Found	Foothills, montane. Woodlands, shrub-lands, openings. CRNM Locations: TBD		
Notes			
			

Showy Daisy <i>Erigeron speciosus</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 18" tall; very common; often many plants; lanceolate leaves; many 1 ½ " showy flowers.		
Where Found	Montane, sub-alpine. Meadows. CRNM Locations: Mesa Village and Great House Pueblo Trails.		
Notes			
			

Filaree *Erodium cicutarium*

Family: Geranium (Geraniaceae)	Bloom: Annual	Flowering: Spring/Summer/Fall	Non-native
Description	1" tall; annual; basal 4" circle finely cut leaves; storks-bill shaped seed pods. CRNM Locations: TBD		
Where Found	Semi-desert, foothills, montane. Meadows, openings, shrub-lands, lawns		
Notes	Some experts do not agree that this is a non-native plant. It is however classified as a noxious weed in Colorado and several other states.		



Blanketflower *Gaillardia aristata*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 14" tall; leaves 2-6" long, lanceolate to oblong; showy red and yellow flowers.		
Where Found	Foothills, montane. Openings. CRNM Locations: By the Visitors Center and trails.		
Notes			



Scarlet Gilia (Gee lee uh) *Ipomopsis aggregata*

Family: Phlox (Polemoniaceae)	Bloom: Biennial/Perennial	Flowering: Spring/Summer/Fall	Native
Description	To 3' tall; leaves very hairy deeply divided; numerous 1 ¼ " long tubular flared flowers.		
Where Found	Semi-desert, foothills, montane. Woodlands, meadows, openings. CRNM Locations: Along the Great House Pueblo Trail by Guard House and Great House.		
Notes			



Dwarf Skyrocket *Ipomopsis pumila*

Family: Phlox (Polemoniaceae)	Bloom: Annual	Flowering: Summer/Spring	Native
Description	4" tall; spreading branches topped by flattened five-petaled flowers.		
Where Found	Semi-desert, foothills. Sandy openings, shrub-lands, openings. CRNM Locations: TBD		
Notes			



Few-Flowered Sweet Pea *Lathyrus pauciflorus*

Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	Twining vine; 6-10 oval to elongated leaflets; large pink flowers.		
Where Found	Semi-desert, foothills. Woodlands, openings. CRNM Locations: TBD		
Notes			



Narrowleaf Four O'Clock *Mirabilis linearis*

Family: Four O'Clock (Nyctaginaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Spreading stems; long, narrow leaves; small pink and white, bell-shaped flowers.		
Where Found	Semi-desert, foothills. Woodlands, openings. CRNM Locations: TBD		
Notes			







Showy Four O'Clocks <i>Mirabilis multiflora</i>			
Family: Four O'Clock (Nyctaginaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 2' tall; large, thick, shiny, dark green leaves; large, showy pink flowers.		
Where Found	Semi-desert, foothills. Woodlands, roadsides, openings. CRNM Locations: TBD		
Notes			







Scarlet Bugler <i>Penstemon barbatus</i>			
Family: Plantain (Plantaginaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 3' tall; airy growth form; leaves narrow, horizontal; tubular flower to 1 1/2".		
Where Found	Semi-desert, foothills. Woodlands, openings. CRNM Locations: Upper mesa trail by Great House.		
Notes			







Long Leaf Phlox <i>Phlox longifolia</i>			
Family: Phlox (Polemoniaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	5" tall; often in colonies; horizontal, narrow, pointed leaves; pink/white flowers		
Where Found	Semi-desert, foothills. Openings, shrub-lands. CRNM Locations: TBD		
Notes			
			



Mexican Hat <i>Ratibida columnifera</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 3' tall; slender; finely cut leaves; tight column disk flowers above few red yellow ray flowers.		
Where Found	Foothills, montane. Openings. CRNM Locations: By the Visitors Center and trails.		
Notes			
			



Russian Knapweed <i>Rhaponticum repens</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer	Non-native Invasive
Description	14" tall and wide; massive colonies; many lavender/pink flowers.		
Where Found	Foothills, montane. Meadows, disturbed areas. CRNM Locations: TBD		
Notes	Introduced, invasive species. Considered a noxious weed in CO, NM, UT.		
			

Curly Dock <i>Rumex crispus</i>			
Family: Buckwheat (Polygonaceae)	Bloom: Biannual/Perennial	Flowering: Summer	Non-native
Description	5-15" long leaves, 3" wide, wavy edges; tall inflorescence 2" wide packed with tiny flowers.		
Where Found	Foothills, montane. Disturbed areas, meadows, roadsides. CRNM Locations: TBD		
Notes			
			

Scarlet Globemallow <i>Sphaeralcea coccinea</i>			
Family: Malvaceae (Malvaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	7" tall; in colonies; leaves deeply cut; bright orange 1" flowers		
Where Found	Semi-desert, foothills. Disturbed areas, woodlands, openings. CRNM Locations: Along the Great House Pueblo Trail.		
Notes			
			

African Mustard <i>Strigosella africana</i>			
Family: Mustard (Brassicaceae)	Bloom: Annual	Flowering: Spring	Non-native
Description	To 6" tall; hairy, toothed, elliptic basal leaves flat on ground; 4 petaled pink flowers		
Where Found	Semi-desert, foothills. Disturbed areas, openings. CRNM Locations: TBD		
Notes	This is an invasive species that grows to be a weedy aggressor of vacant lots and disturbed wild areas		
			

Spreading Vervain <i>Verbena bracteata</i>			
Family: Vervain (Verbenaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 21" high; leaves usually 3-lobed; bottle brush-like stems spreading along ground; tiny pink flowers.		
Where Found	Semi-desert, foothills. Disturbed sandy soil. CRNM Locations: TBD		
Notes			
			


Bulbous Spring Parsley <i>Vesper bulbosus</i>			
Family: Parsley (Apiaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	4" tall; low light green finely-cut leaves; pink/white petals, 1 stripe; narrow-winged seeds.		
Where Found	Semi-desert. Openings, shrub-lands, woodlands. CRNM Locations: TBD		
Notes			
			


Wide-winged Spring Parsley *Vesper constancie*



Family: Parsley (Apiaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	4" tall; low light green finely-cut leaves; pink/white petals, 3 stripes; broad-winged seeds.		
Where Found	Semi-desert. Openings, shrub-lands, woodlands. CRNM Locations: TBD		
Notes			





White Flowers

Textile Onion <i>Allium textile</i>			
Family: Onion (Alliaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	3" tall; 2 cylindrical, thin, arching, green leaves at base; vase-shaped small flower.		
Where Found	Semi-desert. Openings. CRNM Locations: TBD		
Notes			
			

Fairy Candelabra <i>Androsace septentrionalis</i>			
Family: Primrose (Primulaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	1-9" tall. Open spray of tiny flowers on short to long thin stems which turn red.		
Where Found	Foothills to alpine. Meadows, open woods. CRNM Locations: TBD		
Notes			
			

Sand Lily <i>Androstephium breviflorum</i>			
Family: Asparagus (Asparagaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	5" tall; 1-3 onion-like leaves, clustered funnel flowers; weird, cute, seed capsule.		
Where Found	Semi-desert. Sand, canyons, openings. CRNM Locations: TBD		
Notes			
			

White-margined Pussytoes <i>Antennaria marginata</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer	Native
Description	7" tall; light green basal leaves in spreading mat; tight terminal cluster white flowers.		
Where Found	Foothills, montane. Woodlands. CRNM Locations: TBD		
Notes			
			

Narrow Milkweed <i>Asclepias subverticillata</i>			
Family: Dogbane (Apocynaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 2' tall; branched or unbranched, slender; linear leaves in whorls; clustered tiny flowers.		
Where Found	Semi-desert, foothills, montane. Pastures, woodlands, meadows. CRNM Locations: TBD		
Notes			



Rocky Mountain Milkvetch <i>Astragalus scopulorum</i>			
Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Spring/Summer/Fall	Native
Description	To 12" tall; common; individual plants or masses; sprawls; stems arch; many leaflets.		
Where Found	Foothills, montane. Shrub-lands, woodlands, openings. CRNM Locations: TBD		
Notes			



Nuttall's Sego Lily *Calochortus nuttallii*



Family: Lili (Liliaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	8" tall; few arching grass-like leaves; 3 large white petals with colorful interior markings.		
Where Found	Semi-desert foothills. Shrub-lands, woodlands, openings. CRNM Locations: Along the road past the Visitors Center.		
Notes	This is the state flower of Utah.		







Rose Heath *Chaetopappa ericoides*



Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	To 6" tall; in colonies; short & narrow clasping leaves; thin white petals.		
Where Found	Semi-desert. Shrub-lands, openings. CRNM Locations: TBD		
Notes			



Tracy's Thistle <i>Cirsium tracyi</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 4' tall; deeply lobed green leaves; short, spreading spines below white flowers		
Where Found	Foothills, montane. Woodlands, openings. CRNM Locations: TBD		
Notes			
			

Toadflax <i>Comandra umbellata</i>			
Family: Sandalwood (Santalaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	8" tall in colonies; red/green stems & leaves; pink/white flowers; blue fruits.		
Where Found	Semi-desert, foothills. Meadows, openings. CRNM Locations: TBD		
Notes			
			

Bindweed <i>Convolvulus arvensis</i>			
Family: Morning Glory (Convolvulaceae)	Bloom: Perennial	Flowering: Spring/Summer/Fall	Non-native
Description	Vine on ground & climbing; white/pink morning glory-like flowers.		
Where Found	Foothills, montane. Meadows, fields, lawns, woodlands. CRNM Locations: TBD		
Notes			
			

Navajo Fleabane <i>Erigeron concinnus</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Many short-hair stems in 6" diameter clusters to 9" tall; buds nod; 1/2" flowers.		
Where Found	Semi-desert foothills. Openings. CRNM Locations: TBD		
Notes			
			

Spreading Fleabane *Erigeron divergens*

Family: Sunflower (Asteraceae)	Bloom: Annual or Perennial	Flowering: Spring/Summer/Fall	Native
Description	To 14" tall; common; variable; spreading & upward branching hairy stems; 1" flower head.		
Where Found	Foothills, montane. Meadows, disturbed areas. CRNM Locations: TBD		
Notes			



Whiplash Fleabane *Erigeron flagellaris*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	3-8" tall; numerous plants from runners; tufts of narrow basal leaves; 1/3" flowers.		
Where Found	Foothills, montane, sub-alpine. Meadows. CRNM Locations: TBD		
Notes			







Nodding Buckwheat <i>Eriogonum cernuum</i>			
Family: Buckwheat (Polygonaceae)	Bloom: Perennial	Flowering: Fall	Native
Description	To 12" tall; red-stemmed, branching; colonies; tiny white/pink nodding flowers.		
Where Found	Semi-desert, foothills, lower montane. Shrub-lands, sand, woodlands. CRNM Locations: TBD		
Notes			







Narrow-leaf Buckwheat <i>Eriogonum lonchophyllum</i>			
Family: Buckwheat (Polygonaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Silvery-green 3" basal upright leaf clusters; slender flower stems to 15"; tiny flowers.		
Where Found	Foothills, montane. Shrub-lands, openings. CRNM Locations: TBD		
Notes			







Slender Buckwheat <i>Erigonum microthecum</i>			
Family: Buckwheat (Polygonaceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 24"; multiple maroon, upright and reclining slender stems; tiny flowers.		
Where Found	Semi-desert. Shrub-lands, woodlands, sand. CRNM Locations: TBD		
Notes			
			

Red-root Buckwheat <i>Erigonum racemosum</i>			
Family: Buckwheat (Polygonaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	To 3' tall; slender leafless stem; petioled elliptic basal leaves; thin column pink-white flowers		
Where Found	Foothills, montane, sub-alpine. Openings. CRNM Locations: TBD		
Notes			
			

Fendler's Spurge <i>Euphorbia fendleri</i>			
Family: Spurge (Euphorbiaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Red stems sprawl 8"; oval/triangular leaves; minute, unusual, white flower-like structures.		
Where Found	Semi-desert. Sand and rock openings. CRNM Locations: TBD		
Notes			
			

Richardson's Geranium <i>Geranium richardsonii</i>			
Family: Geranium (Geraniaceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 16"; common; palmately lobed leaves; pink striped white flowers; cranesbill seed pods.		
Where Found	Foothills, montane, sub-alpine. Woodlands, meadows. CRNM Locations: TBD		
Notes			
			

White Top <i>Lepidium draba</i>			
Family: Mustard (Brassicaceae)	Bloom: Perennial	Flowering: Spring	Non-native
Description	12" tall; colonies; leaves clasp stem; tiny white flowers; swollen seed pods.		
Where Found	Foothills. Fields, lawns, roadsides, disturbed areas. CRNM Locations: TBD		
Notes	This plant is classified as a noxious weed in CO, AZ, NM, and UT.		
			

Horehound <i>Marrubium vulgare</i>			
Family: Mint (Lamiaceae)	Bloom: Perennial	Flowering: Spring	Non-native
Description	Mounded to 2' tall & wide; crinkled, hairy, leaves; swirl tiny white flowers.		
Where Found	Semi-desert, foothills. Gardens, fields, disturbed areas. CRNM Locations: TBD		
Notes			
			

White-stem Evening Primrose *Oenothera albicaulis*

Family: Evening Primrose (Onagraceae)	Bloom: Annual	Flowering: Spring	Native
Description	3" circle over-lapping leaves nearly flat on ground; 3" wide bright white flowers fading pink.		
Where Found	Semi-desert, foothills. Openings, sand. CRNM Locations: TBD		
Notes			



Tufted Evening Primrose *Oenothera caespitosa*

Family: Evening Primrose (Onagraceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	Basal leaves long, narrow, notched; 3" wide bright white flowers fading pink.		
Where Found	Semi-desert, foothills, montane. Disturbed areas, openings, sand. CRNM Locations: TBD		
Notes			



Gray Phlox *Phlox canescens*

Family: Phlox (Polemoniaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Low mounded plant; clustered, very thin, pointed leaves; bright white flowers.		
Where Found	Semi-desert, foothills. Canyons, shrub-lands. CRNM Locations: TBD		
Notes			



Sleepy Catchfly *Silene antirrhina*

Family: Chickweed (Caryophyllaceae)	Bloom: Annual	Flowering: Spring	Native
Description	10" tall, slender; leaves narrow, vertical. Petals barely visible from striped, vertical bud.		
Where Found	Semi-desert. Shrub-lands, openings. CRNM Locations: TBD		
Notes			



Wild Potato *Solanum jamesii*



Family: Nightshade (Solanaceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 12" tall; rhizomatous with small tubers; pinnate leaves.		
Where Found	Grasslands, juniper-pinyon scrub deserts, oak thickets, coniferous and deciduous forests. CRNM Locations: Along the Mesa Village trail. In the arroyo to the west of Great Kiva.		
Notes	There is evidence that this plant may have been a food source for Ancestral Puebloans. Some Native Americans are reviving cultivation of the Wild Potato as a food source.		





Heather Aster *Symphotrichum ericoides*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Fall	Native
Description	14" tall; many stout, crowded stems; short, narrow leaves; many small flowers.		
Where Found	Foothills, montane. Woodlands, openings, fields, roadsides. CRNM Locations: TBD		
Notes			



Foothills Death Camas <i>Toxicoscordion venenosum</i>			
Family: Lily (Liliaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	10" tall; slender, arching leaves; vertical stalk white flowers, yellow pollen.		
Where Found	Foothills, montane. Woodlands, openings. CRNM Locations: TBD		
Notes	As both the scientific and common name implies, this plant can be quite poisonous.		
			

Holly-Leaf Clover <i>Trifolium gymnocarpon</i>			
Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	To 2" tall, spread on ground. Leaves serrated, two-tone. Flowers white/pink.		
Where Found	Foothills, montane. Woodlands, openings. CRNM Locations: TBD		
Notes			
			

Narrow-leaf Yucca *Yucca angustissima*

Family: Agave (Agavaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	To 4' tall. Leaves 5-12" long, narrow, cupped. Flowers above leaves.		
Where Found	Semi-desert, foothills. Woodlands, canyons, openings. CRNM Locations: Along the Mesa Village and Great House Pueblo trails. Found throughout the Monument.		
Notes	The Ancestral Puebloans used the leaf fibers for sandals, matting, ropes, etc. The roots were used for soap and both the flowers and fruit as a food source.		







Banana Yucca *Yucca baccata*

Family: Agave (Agavaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	3' tall. Leaves 3' long, stiff, sword-like, curled fibers. Flowers lower than leaves. Cucumber-like fruit.		
Where Found	Semi-desert, foothills. Woodlands, canyons, openings. CRNM Locations: Found along the road up to upper mesa and throughout the Monument.		
Notes	The Ancestral Puebloans used the leaf fibers for sandals, matting, ropes, etc. CRNM Locations: The roots were used for soap and both the flowers and fruit as a food source.		



Yellow Flowers

Wild Allysum <i>Allysum simplex</i>			
Family: Mustard (Brassicaceae)	Bloom: Annual	Flowering: Spring	Non-native
Description	5" tall in massive colonies; clusters of tiny flowers; flattened seeds persist on plant.		
Where Found	Where Found: Foothills. Disturbed areas, fields. CRNM Locations: TBD		
Notes			
			

Carruth's Sagewort <i>Artemisia carruthii</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 18"; rhizomatous; sage-green forked aromatic; elongated inflorescence, tiny disk flowers.		
Where Found	Foothills, montane. Meadows, gravels. CRNM Locations: TBD		
Notes			
			

Fringed Sagewort *Artemisia frigida*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 14" tall; light green mass aromatic basal leaves; elongated inflorescence, tiny disk flowers.		
Where Found	Foothills, montane, sub-alpine. Meadows, gravels. CRNM Locations: TBD		
Notes			



Silvery Sagewort *Artemisia ludoviciana*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 18"; rhizomatous; sage-green lobed aromatic; elongated inflorescence, tiny disk flowers.		
Where Found	Where Found: Semi-desert, foothills, montane, alpine. Meadows, woodlands. CRNM Locations: TBD		
Notes			



Antelope-horn Milkweed *Asclepias asperula*

Family: Dogbane (Apocynaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	10" tall; long, narrow leaves; clusters yellow/red flowers in 3" balls.		
Where Found	Semi-desert foothills. Woodlands, openings, washes. CRNM Locations: TBD		
Notes			



Golden Corydalis *Corydalis aurea*

Family: Fumitory (Fumariaceae)	Bloom: Annual/Biennial/Perennial	Flowering: Spring/Summer	Native
Description	6-12" tall; light green finely cut leaves; spike of numerous yellow tubular flowers.		
Where Found	Montane, sub-alpine. Woodlands. CRNM Locations: TBD		
Notes			



Fendler's Spring Parsley *Cymopterus glomeratus*

Family: Parsley (Apiaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	3" tall; deeply cut shiny green leaves on ground; yellow flower cluster; flattened seeds.		
Where Found	Semi-desert, foothills. Canyons, openings. CRNM Locations: TBD		
Notes			



Mountain Parsley *Cymopterus lemmonii*

Family: Parsley (Apiaceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	4-20" tall; branching; wide feathery bipinnate leaves; flat-topped cluster tiny flowers.		
Where Found	Foothills, montane, sub-alpine. Woodlands, meadows. CRNM Locations: TBD		
Notes			



Purple Spring Parsley *Cymopterus purpureus*



Family: Parsley (Apiaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	4" tall; spreading, finely cut blue/green leaves; spray of tiny golden flowers; flattened seeds.		
Where Found	Semi-desert, foothills. Canyons, openings. CRNM Locations: TBD		
Notes			





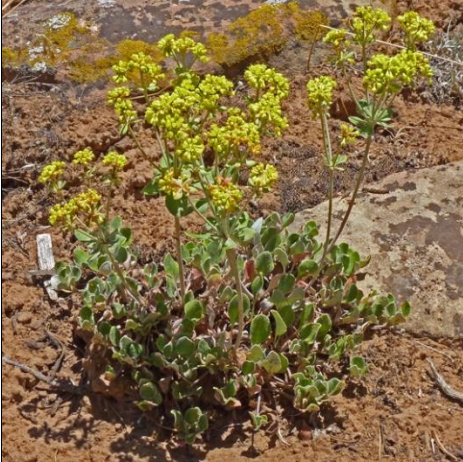

Flixweed *Descurainia sophia*



Family: Mustard (Brassicaceae)	Bloom: Annual	Flowering: Spring	Non-native
Description	To 14" tall; feathery leaves; tiny yellow flowers; upright narrow seed pods.		
Where Found	Semi-desert to Alpine. Woodlands, shrublands, openings. CRNM Locations: TBD		
Notes			







Eastwood's Sandwort <i>Eremogone eastwoodiae</i>			
Family: Chickweed (Caryophyllaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	8" tall; mat of short fine grass-like leaves; tiny light-yellow flowers.		
Where Found	Semi-desert. Shrublands, openings. CRNM Locations: TBD		
Notes			
			

Winged Buckwheat <i>Eriogonum alatum</i>			
Family: Buckwheat (Polygonaceae)	Bloom: Biennial	Flowering: Spring/Summer	Native
Description	6" diameter mat of basal red & green basal leaves. Thin 3' stem. Spray of tiny flowers.		
Where Found	Semi-desert, foothills, montane. Openings, shrublands, canyons, woodlands. CRNM Locations: TBD		
Notes			
			

Sulphur Flower <i>Eriogonum umbellatum</i>			
Family: Buckwheat (Polygonaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Mat of thick green/red leaves topped by 5-10" stalks with yellow flower clusters.		
Where Found	Foothills, montane, sub-alpine. Meadows, openings. CRNM Locations: TBD		
Notes			
			

Wall Flower <i>Erysimum capitatum</i>			
Family: Mustard (Brassicaceae)	Bloom: Biennial/Perennial	Flowering: Spring	Native
Description	To 18"; spaced, narrow, horizontal leaves; yellow terminal head of flowers.		
Where Found	Foothills, montane, sub-alpine. Meadows, openings. CRNM Locations: TBD		
Notes			
			

Shorthorn Spurge <i>Euphorbia brachycera</i>			
Family: Spurge (Euphorbiaceae)	Bloom: Summer	Flowering: Perennial	Native
Description	To 15"; numerous flexible stems; light green leaves; flowers in leaf cups.		
Where Found	Semi-desert, foothills. Canyons, woodlands, shrublands. CRNM Locations: TBD		
Notes			
			

Curly Gumweed <i>Grindelia squarrosa</i>			
Family: Sunflower (Asteraceae)	Bloom: Biennial/Perennial	Flowering: Summer/Fall	Native
Description	Shrub-like to 2+' tall and wide; toothed leaves; many sticky bright yellow flowers.		
Where Found	Foothills. Openings. CRNM Locations: TBD		
Notes			
			

Broom Snakeweed *Gutierrezia sarothrae*



Family: Sunflower (Asteraceae)	Bloom: Biennial/Perennial	Flowering: Summer/Fall	Native
Description	4-18" tall; thin, bright green leaves on vertical stems; many clusters, tiny yellow flowers.		
Where Found	Semi-desert, foothills. Openings Roadsides. CRNM Locations: TBD		
Notes			







Common Sunflower *Helianthus annuus*



Family: Sunflower (Asteraceae)	Bloom: Annual	Flowering: Summer/Fall	Native
Description	Thick stem to 6'; large triangular leaves; 3-5" head of yellow flowers; sunflower seeds.		
Where Found	Semi-desert, foothills, montane. Disturbed areas, openings. CRNM Locations: Found throughout the Monument, especially from the entrance gate to the Visitors Center.		
Notes			



Showy Goldeneye <i>Heliomeris multiflora</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	To 3' tall, in groups; drab green pointed horizontal lanceolate leaves; numerous 1 1/2" flowers.		
Where Found	Foothills, montane, sub-alpine. Disturbed areas, meadows, openings. CRNM Locations: TBD		
Notes			
			

Hairy Golden Aster <i>Heterotheca villosa</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer/Fall	Native
Description	Very common. Mounded to 2' tall & wide; hairy aromatic leaves; many 1"+ flowerheads.		
Where Found	Semi-desert, foothills, montane. Openings, disturbed areas. CRNM Locations: Common along the Great House Pueblo Trail.		
Notes			
			

Threadleaf Sunflower <i>Hymenopappus filifolius</i>			
Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Many stems to 20" tall; fern-like leaves; tight cluster yellow flowers.		
Where Found	Semi-desert, foothills. Woodlands, openings. CRNM Locations: TBD		
Notes			
			

Prickly Lettuce <i>Lactuca serriola</i>			
Family: Sunflower (Asteraceae)	Bloom: Annual	Flowering: Summer	Non-native
Description	To 3' tall; leaves prominently veined, deeply lobed, saw-toothed; small yellow flowers.		
Where Found	Semi-desert, foothills, montane. Openings, disturbed areas, meadows, woodlands. CRNM Locations: TBD		
Notes			
			

Prickly Gilla (Gee-lee-uh) *Linanthus pungens*

Family: Phlox (Polemoniaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Low, prickly; tiny leaves; some dead gray branches; cream/yellow flowers early in day		
Where Found	Semi-desert. Shrublands, woodlands, openings. CRNM Locations: TBD		
Notes			



Butter and Eggs *Linaria dalmatica*

Family: Plantain (Plantaginaceae)	Bloom: Perennial	Flowering: Summer	Non-native
Description	1-3+' tall; shiny oval leaves; large colonies from roots; flower with long spur.		
Where Found	Foothills, montane. Disturbed areas, meadows. CRNM Locations: TBD		
Notes	<i>Linaria dalmatica</i> is considered a noxious weed in Colorado and New Mexico.		



Fringed Gromwell *Lithospermum incisum*

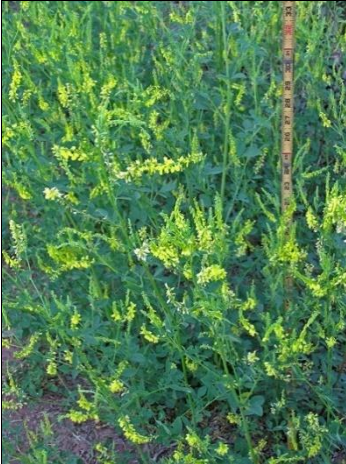

Family: Forget-me-not (Boraginaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	Low mat of narrow, vertical leaves; long trumpet fringed flowers.		
Where Found	Semi-desert, foothills. Canyons, shrublands, woodlands. CRNM Locations: TBD		
Notes			







Oregon Grape *Mahonia repens*



Family: Barberry (Berberidaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Holly-like leaves on ground, maroon in fall; spring clusters of bright flowers; blue fruit.		
Where Found	Foothills, montane, sub-alpine. Woodlands, openings. CRNM Locations: TBD		
Notes			







Yellow/White Sweet Clover <i>Melilotus officinalis</i>			
Family: Pea (Fabaceae)	Bloom: Perennial	Flowering: Summer/Fall	Non-native Serious Invasive
Description	To 6' tall; numerous thin stems with many yellow or white flowers.		
Where Found	Semi-desert, foothills, montane. Roadsides, fields, disturbed areas. CRNM Locations: TBD		
Notes	A non-native introduction throughout the U.S, classified in many areas as a noxious weed.		
			



Rusby's Blazing Star <i>Mentzelia rusbyi</i>			
Family: Blazing Star (Loasaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	3' tall; leaves 1/2"x3-8", lobed, dark green, white mid-rib; star-shaped flowers.		
Where Found	Semi-desert, foothills. Openings. CRNM Locations: TBD		
Notes			
			



Many-lobed Ragwort <i>Packera multilobata</i>			
Family: Sunflower (Asteraceae)	Bloom: Biennial/Perennial	Flowering: Summer	Native
Description	To 1' tall; many-lobed, blue/green leaves; clusters of tiny yellow flowers.		
Where Found	Semi-desert, foothills. Woodlands, openings. CRNM Locations: TBD		
Notes			
			



Ground Cherry <i>Physalis fendleri</i>			
Family: Nightshade (Solanaceae)	Bloom: Annual	Flowering: Spring/Summer	Native
Description	Yellow flowers followed by small tomato-like fruit.		
Where Found	Sagebrush, pinon-juniper, Ponderosa, gamble's oak communities. CRNM Locations: TBD		
Notes			
			



Straight Bladderpod <i>Physaria rectipes</i>			
Family: Mustard (Brassicaceae)	Bloom: Perennial	Flowering: Spring	Native
Description	Rounded sage-green basal leaves; small yellow flowers; twin inflated seed pods.		
Where Found	Semi-desert, foothills. Woodlands. CRNM Locations: TBD		
Notes			
			

Purslane <i>Portulaca oleracea</i>			
Family: Portulaca (Portulacaceae)	Bloom: Annual	Flowering: Summer/Fall	Non-native
Description	Thin red stems along ground; rounded succulent leaves; tiny flowers.		
Where Found	Foothills. Fields, lawns, disturbed areas. CRNM Locations: TBD		
Notes			
			

Tumbleweed/Russian Thistle <i>Salsola</i> spp.			
Family: Amaranth (Amaranthaceae)	Bloom: Annual	Flowering: Summer/Fall	Non-native Invasives
Description	Serious invasives. To 3' tall; spinescent flower bracts; yellow/red flowers.		
Where Found	Semi-desert. Shrublands. CRNM Locations: Found in all environments within the Monument.		
Notes	These highly invasive species are considered a grave threat to all environments throughout the West.		
			

Viper Grass <i>Scorzonera lacinata</i>			
Family: Mustard (Brassicaceae)	Bloom: Annual	Flowering: Summer	Non-native
Description	Thin stem 5-18"; forked leaves; flowers early a.m., close in few hours; silvery seed head.		
Where Found	Foothills. Disturbed sites. CRNM Locations: TBD		
Notes	Non-Native, introduced into Colorado around 1954 and is spreading throughout the state, especially in southwest Colorado.		
			

Slenderleaf Mustard <i>Sisymbrium linifolium</i>			
Family: Mustard (Brassicaceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	Colonies of 18" thin stems; few narrow leaves; sweet, four-petaled, yellow flowers.		
Where Found	Where Found: Foothills. Woodlands. CRNM Locations: TBD		
Notes			
			

Dandelion <i>Taraxacum officinale</i>			
Family: Sunflower (Asteraceae)	Bloom: Annual	Flowering: Spring/Summer/Fall	Non-native
Description	To 10" tall; long, wavy, basal leaves; bright yellow flowerheads; silvery seedhead.		
Where Found	Foothills, montane, sub-alpine, alpine. Meadows, woodlands. CRNM Locations: Found throughout the Monument.		
Notes	Eurasian species now entrenched throughout the world. Its common name, Dandelion, means "tooth of the lion".		
			

Stemless Woolly Base *Tetaneuris acaulis*



Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	5" tall; leaves hairy vertical all basal; often one stem of 1/2" bright yellow flowers.		
Where Found	Foothills, sub-alpine. Openings. CRNM Locations: TBD		
Notes			





Perky Sue *Tetaneuris ivesiana*

Family: Sunflower (Asteraceae)	Bloom: Perennial	Flowering: Spring/Summer	Native
Description	To 18" tall; leaves hairy vertical mostly basal; several stems of 1" bright yellow flowers.		
Where Found	Semi-desert, foothills. Woodlands, openings. CRNM Locations: Along the Great House Pueblo Trail.		
Notes			







Common Salsify <i>Tragopogon dubius</i>			
Family: Sunflower (Asteraceae)	Bloom: Annual	Flowering: Spring/Summer/Fall	Non-native
Description	To 18" tall'; 1 stem; few long leaves; bright yellow flowers; huge silvery seedhead.		
Where Found	Foothills, montane. Openings, woodlands, fields. CRNM Locations: TBD		
Notes			
			



Mullein <i>Verbascum thapsus</i>			
Family: Snapdragon (Scrophulariaceae)	Bloom: Biennial	Flowering: Summer	Non-native
Description	To 6' tall; huge, soft, hairy leaves; spike of small yellow flowers.		
Where Found	Foothills, montane. Disturbed areas, openings. CRNM Locations: TBD		
Notes			
			

Grasses

Any of a large family (**Gramineae or Poaceae**) of monocotyledonous plants having narrow leaves, hollow stems, and clusters of very small, usually wind-pollinated flowers. Grasses include many varieties of plants grown for food, fodder, and ground cover.

Indian Ricegrass <i>Achnatherum hymenoides</i>			
Family: Grass (Poaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	2' tall bunchgrass; many slender stems arching airy wispy at top, each with one seed.		
Where Found	Desert scrub. Pinon-juniper, woodlands, mountain brush. CRNM Locations: Common along both upper and lower mesa trails.		
Notes	Known to have been a food source for Ancestral Puebloans.		
			

Blue Grama <i>Bouteloua gracilis</i>			
Family: Grass (Poaceae)	Bloom: Perennial	Flowering: Summer	Native
Description	10" tall. 3" long leaves often curled in mat; seedhead flag-like, comb-like terminating stem		
Where Found	Pure stands in mixed prairie associations and disturbed habitats, usually on rocky or clay soils.		
Notes			
			

Smooth Brome <i>Bromus inermis</i>			
Family: Grass (Poaceae)	Bloom: Perennial	Flowering: Summer	Non-native
Description	3' tall sod forming; impression of W on pinched middle of 10"x1/3" leaf; seedhead one-sided or spread.		
Where Found	Disturbed sites. CRNM: Locations: TBD		
Notes	Native to Eurasia, and is now found in disturbed sites from Alaska and most of Canada south through most of the United States, except the southeast.		
			

Cheatgrass <i>Bromus tectorum</i>			
Family: Grass (Poaceae)	Bloom: Annual	Flowering: Spring	Non-native Invasive
Description	6"-18" tall; thin bright green growth spring; arching clusters sharp seeds.		
Where Found	Disturbed sites, overgrazed rangelands, fields, sand dunes, road verges, and waste places. CRNM Locations: TBD		
Notes	Cheatgrass is most prominent and invasive in the intermountain West. Considered a noxious weed in most western states.		
