

**Grizzly Ranch Conservancy
Seed Mixes and Container Stock for Alpine Garden**

Plants by Ecosystem	Common Name	Plant Requirements	Habitat Characteristics and Historical Setting	
MAIDU MEADOW- Seed Mix				
Dry Areas:			<p>Wet Site Ecosystem A walk through this ecosystem takes the visitor back to the landscape of the original inhabitants, the Mountain Maidu. This area features streamside plants that were either cultivated or gathered by tribal members for food, fiber or ceremonial and medicinal purposes, and other common wet site species.</p>	
<i>Achillea millefolium</i>	yarrow	Sun		
<i>Allium amplexen</i> <i>A. campanulatum</i> or <i>A. platycaule</i>	narrow leaved onion Sierra onion, or broad stemmed onion	None are the list, but could add them, all potentially used by Native Americans		
<i>Aquilegia spp.</i>	columbine	Shade, can use large quantities or add to container stock		
<i>Bromus carinatus</i> var. <i>carinatus</i>	California brome			
<i>Elymus elymoides</i>	squirreltail			
<i>Xerophyllum tenax</i>	bear-grass	Leaves used for baskets, not very pretty. Not on list but could be added.		
Wet Areas:				
<i>Deschampsia caespitosa</i>	tufted hair grass			
<i>Mimulus guttatus</i>	seep monkeyflower	Sun, wettest areas only		
<i>Penstemon rydbergii</i>	meadow penstemon	Sun		
<i>Potentilla gracilis</i>	cinquefoil	Sun		
<i>Ribes nevadense</i>	Sierra currant	Moist, but not wet area		
MAIDU MEADOW- Container Stock				
<i>Acer glabrum</i>	mountain maple			
<i>Brodiaea coronaria</i>	brodiaea	Sun		
<i>Camassia quamash</i>	common camas (bulbs)	Sun, moist		
<i>Cercis occidentalis</i>	red bud	Does not naturally occur above 4,000 ft. Try a few as an experiment		
<i>Populus tremuloides</i>	quaking aspen			
<i>Pteridium aquilinum</i>	bracken fern	Shade		
<i>Quercus kelloggii</i>	California black oak	Extensive use by Maidu		
<i>Salix scouleriana</i>	coyote willow			
<i>Spiraea densiflora</i>	mountain spiraea	Moist areas		
MOUNTAIN MEADOW – Seed Mix				
<i>Achillea millefolium</i>	white yarrow			
<i>Agrostis exarata</i>	spike reedtop			
<i>Aquilegia spp.</i>	columbine	Shade, use a lot in mix, or add to container stock		
<i>Arnica cordifolia</i>	arnica			
<i>Balsamorhiza sagittata</i>	arrow leaf balsamroot	Use large quantities		
<i>Carex multicaulis</i>	many stemmed sedge			
<i>Delphinium nudicaule</i>	red larkspur	Sun		
<i>Elymus glaucus</i>	blue wildrye			
<i>Eriogonum umbellatum</i>	sulphur buckwheat	Sun		

<i>Erysimum capitatum</i>	western wallflower	Can use large quantities	Moderately Dry Ecosystem A large horizontal plane of grasses and wildflowers provide a perfect stage for large sculptures and a welcome open area to enjoy the beautiful views of Grizzly Ranch.
<i>Festuca californica</i>	California fescue		
<i>Gilia leptalea</i>	Slender gilia	Is there a perennial <i>Gilia</i> species?	
<i>Linum lewisii</i>	blue flax	Can use large quantities	
<i>Lupinus argenteus</i>	alpine lupine	Substitute <i>L. albifrons</i> , <i>L. grayi</i> , <i>L. lepidus</i> var. <i>confertus</i> if needed	
<i>Mimulus cardinalis</i>	scarlet monkey flower		
<i>Penstemon speciosus</i>	showy penstemon		
<i>Perideridia bolanderi</i> ssp. <i>bolanderi</i>	Bolander's yampah	Ask if bulbs are available	
<i>Poa secunda</i>	one-sided bluegrass		
MOUNTAIN MEADOW- Container Stock			
<i>Amelanchier alnifolia</i>	serviceberry	Partial shade, not full sun	
<i>Arctostaphylos uva-ursi</i>	bearberry		
<i>Eriogonum umbellatum</i>	sulphur buckwheat	Sun	
<i>Lupinus argenteus</i>	alpine lupine	Substitute <i>L. albifrons</i> , <i>L. grayi</i> , <i>L. lepidus</i> var. <i>confertus</i> if needed	
<i>Penstemon speciosus</i>	showy penstemon		
PINE LEAF PLACE- Seed Mix			
<i>Achillea millefolium</i>	yarrow		Upland East Side Pine Named after one of Beckwourth's wives, this area features plants Beckwourth would have found as he traveled through much of the Sierra high mountain landscape.
<i>Artemisia tridentata</i>	big sagebrush		
<i>Balsamorhiza sagittata</i>	arrow leaf balsamroot		
<i>Bromus carinatus</i> var. <i>carinatus</i>	California brome		
<i>Castilleja</i> spp.	Indian paintbrush	See what species are available	
<i>Chrysothamnus nauseosus</i>	rabbitbrush		
<i>Elymus glaucus</i>	blue wildrye		
<i>Lupine argenteus</i>	alpine lupine	Substitute <i>L. albifrons</i> , <i>L. grayi</i> , <i>L. lepidus</i> var. <i>confertus</i> if needed	
<i>Poa secunda</i>	one-sided bluegrass		
PINE LEAF PLACE- Container Stock			
<i>Arctostaphylos uva-ursi</i>	bearberry		
<i>Cornus sericea</i>	redtwig dogwood	Will require water every year	
<i>Quercus kelloggii</i>	California black oak		
<i>Pinus jeffreyi</i>	Jeffery pine		
<i>Calocedrus decurrens</i>	incense cedar		
<i>Ribes nevadense</i>	Sierra currant	Will require water every year	
<i>Symphoricarpos rotundifolius</i>	mountain snowberry		
GRIZZLY TRANSITIONS- Seed Mix			
<i>Achillea millefolium</i>	yarrow		
<i>Balsamorhiza sagittata</i>	arrow leaf balsamroot		
<i>Aquilegia</i> spp.	columbine		
<i>Chrysothamnus nauseosus</i>	rabbitbrush		
<i>Delphinium gracilentum</i>	slender larkspur		
<i>Elymus glaucus</i>	blue wildrye		
<i>Eriogonum umbellatum</i>	sulfur buckwheat		
<i>Epilobium angustifolium</i>	fireweed	Use lots, very tall and showy	

<i>Eschscholzia californica</i>	California poppy	Seeds are inexpensive.	These areas feature plants naturally thriving at Grizzly Ranch, and are either buffers to the golf course or to Grizzly Ranch Road. Wildflower seeds are broadcast and irrigated to enhance the existing wildflower display, understory plants are expanded and evergreen seedlings are transplanted to provide more of a buffer to the road and the golf course.	
<i>Linum lewisii</i>	Mountain flax			
<i>Lupinus argenteus</i>	alpine lupine	Substitute <i>L. grayi</i> , <i>L. lepidus</i> var. <i>confertus</i> if needed		
<i>Lupinus albifrons</i>	silver lupine			
<i>Penstemon neotericus</i>	Plumas County penstemon	Substitute <i>P. speciosus</i> if needed		
<i>Penstemon newberryi</i>	mountain pride penstemon			
GRIZZLY TRANSITIONS- Container Plants				
<i>Pinus jeffreyi</i>	Jeffery pine			
<i>Calocedrus decurrens</i>	incense cedar			
<i>Eriogonum umbellatum</i>	sulfur buckwheat			
<i>Lupinus argenteus</i>	alpine lupine	Fast to flower		
<i>Lupinus albifrons</i>	silver lupine	Fast to flower		
<i>Penstemon newberryi</i>	mountain pride penstemon	Fast to flower		
<i>Penstemon neotericus</i>	Plumas County penstemon	Substitute <i>P. speciosus</i> if needed		
HIGH SIERRASCAPE- Seed Mix				
<i>Achillea millefolium</i>	yarrow		Mimicking a high Sierra landscape, geology and alpine plants are featured elements of this zone.	
<i>Arnica ??</i>	arnica			
<i>Aster alpigenus</i> var. <i>andersonii</i>	alpine aster			
<i>Lupinus argenteus</i>	alpine lupine			
HIGH SIERRASCAPE- Container Stock				
<i>Spiraea densiflora</i>	mountain spiraea			
<i>Pinus jeffreyi</i> (dwarf)	Jeffery pine			
??	mountain mahogany			
QUAKING GALLERY- Seed Mix				
<i>Carex multicaulis</i>	many stemmed sedge			Located along the edge of the existing pond, this ecosystem introduces the visitor to the Alpine Gardens, and features plants found in wetland, riparian, and upland areas. Quaking aspens and oaks provide a respite from the hot sun, while the understory of vibrant wildflowers inspires photographers to forever preserve the beauty of the display.
<i>Carex nebraskensis</i>	Nebraska sedge			
<i>Delphinium gracilentum</i>	slender larkspur			
<i>Eschscholzia californica</i>	California poppy			
<i>Lupinus albifrons</i>	silver lupine			
<i>Penstemon newberryi</i>	mountain pride penstemon			
<i>Purshia tridentata</i>	bitterbrush			
<i>Carex nebrascensis</i>	Nebraska sedge			
QUAKING GALLERY- Container Stock				
<i>Amelanchier alnifolia</i>	serviceberry			
<i>Cornus sericea</i>	redtwig dogwood			
<i>Quercus kelloggii</i>	California black oak			
<i>Populus tremuloides</i>	quaking aspen			
<i>Salix exigua</i>	coyote willow			