

Vegetation Type	Fuel Hazard Rating (low, moderate, high, extreme)	Ignition Index (1 to 10; 1 is easy to ignite)	Key Resource Considerations	Potential Fuel Treatments	Treatment Cycle
Grassland and Herbaceous Vegetation					
Coastal Prairie Serpentine bunchgrass California Annual Grassland Ruderal Vegetation	Moderate	1 to 2	<ul style="list-style-type: none"> Special status plants Special status animals Ground nesting birds Native perennial grasslands Serpentine grassland Control of ruderal vegetation 	<ul style="list-style-type: none"> Hand labor Grazing (goats) Prescribed burn Mechanical (mowing of open fields and roadsides). 	1 to 3 years
Scrub Vegetation					
Maritime Chaparral	Extreme	6	<ul style="list-style-type: none"> Sensitive plant community Pallid manzanita Obligate seeders Nesting special status birds 	<ul style="list-style-type: none"> Hand labor Grazing (goats) Prescribed burn Mechanical (mosaic thinning with small equipment to cut selected shrubs) Chemical (Direct application of Garlon 4 limited to eucalyptus stumps). 	5 to 7 years
North Coast Scrub (Xeric and Mesic)	Xeric – Extreme Mesic – High	Xeric – 4 Mesic – 8	<ul style="list-style-type: none"> Nesting special status birds Alameda whipsnake 	<ul style="list-style-type: none"> Hand labor Mechanical (knock down shrubs or cut off tops) 	3 to 7 years
Coyote Brush Scrub	High	4	<ul style="list-style-type: none"> Special status nesting birds Alameda whipsnake 	<ul style="list-style-type: none"> Hand labor Mechanical (knock down shrubs or cut off tops) 	3 to 7 years

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Broom Scrub	High	6	<ul style="list-style-type: none"> Alameda whipsnake Control of non-native perennials 	<ul style="list-style-type: none"> Hand labor Grazing (goats) Prescribed burn Mechanical (cut broom prior to seed production) Chemical (Direct application of Garlon 4 for French broom). 	Annually
Woodlands and Forest					
Mature Eucalyptus Forest (over 5 years old)	High	1	<ul style="list-style-type: none"> Nesting raptors Wintering monarch butterflies Hummingbirds winter food source Native understory trees & shrubs 	<ul style="list-style-type: none"> Hand labor Prescribed burn Mechanical (tree removal) Chemical (Garlon 4 directly applied to stump to reduce resprouts). 	5 to 7 years
Young Eucalyptus Forest	High	2	<ul style="list-style-type: none"> Intermixed native species (shrubs & trees) 	<ul style="list-style-type: none"> Hand labor Prescribed burn (other methods required to prepare stand) Mechanical (removal of tree stumps) Chemical (Garlon 4 directly applied to stump to reduce resprouts). 	2 to 3 years
Mature Monterey Pine Forest	Moderate to High	2	<ul style="list-style-type: none"> Native understory trees and shrubs Raptor nesting 	<ul style="list-style-type: none"> Hand labor Grazing (goats) Prescribed burn (other methods required to prepare stand) Mechanical (tree removal) 	3 to 10 years

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Young Monterey Pine Forest (under 20 years old)	High	2	<ul style="list-style-type: none"> Native shrubs and trees 	<ul style="list-style-type: none"> Hand labor Prescribed burn (other methods required to prepare stand) Mechanical (tree removal) 	2 to 3 years
Oak – Bay Woodland	Low	6 to 8	<ul style="list-style-type: none"> Special status plants Animal species of special concern Nesting special status birds and raptors 	<ul style="list-style-type: none"> Hand labor Grazing (cattle, goats) Prescribed burning (other methods required to prepare stand) Mechanical (small equipment to cut selected shrubs and remove brush) 	3 to 10 years
Redwood Forest	Low	8	<ul style="list-style-type: none"> Raptor nesting 	<ul style="list-style-type: none"> Hand labor Prescribed burning (other methods required to prepare stand) Mechanical (small equipment to cut selected shrubs and remove brush) 	10 – 15 years
Riparian Woodland	Low	8	<ul style="list-style-type: none"> Regulatory restrictions Special status species (e.g. steelhead, San Francisco dusky-footed woodrat, California red-legged frog) water quality, e.g., erosion and sediment Streams and water bodies which provide aquatic habitat 	<ul style="list-style-type: none"> Hand labor 	10 to 15 years

Source: LSA Associates, Inc. Wildland Resource Management, Inc. 2007

