

**Table 7-2  
Habitats/Vegetation Types, Plant Community Designations,  
and Wildlife Habitats in the Santa Clara Basin**

<b>Habitat/Vegetation Type</b>	<b>Biotic/Plant Communities<sup>1</sup></b>	<b>Wildlife Habitats<sup>2</sup></b>
Lower South San Francisco Bay	Permanent (Open) Water (Saltwater)	
Baylands Habitats: Estuarine Habitats and Tidal/Brackish Wetlands	Tidal (Mud) Flats	
	Tidal Sloughs (Brackish water)	
	Northern Coastal Salt (Tidal) Marsh [52110]	Saline Emergent Wetland
	Diked Salt Marsh	
	Coastal (Tidal) Brackish Marsh [52200]	
	Salt Ponds	No Designation
Freshwater Habitats: Lentic (i.e., Standing Water) Habitats	Levees and Dikes	No Designation
	Managed Marsh	No Designation
	Lakes and Reservoirs	Lacustrine
Freshwater Habitats: Lentic (i.e., Standing Water) Habitats	Natural Ponds	
	Human-made Ponds	
	Percolation Ponds	
	Perennial Streams	Riverine
Freshwater Habitats: Lotic (i.e., Flowing Water) Habitats	Intermittent Streams	
	Ephemeral Streams	No Designation
	Mineral Hot Springs	No Designation
	Coastal Freshwater Marsh [52410]	Fresh Emergent Wetland
Freshwater Wetlands	Meadow and Seep – Freshwater Seep [45400]	Fresh Emergent Wetland and Wet Meadow
	Vernal Pool	Annual Grassland
	Nonnative Grassland [42200]	Annual Grassland
Nonnative Grasslands	Wildflower Field [42300]	No Designation
	Native Grassland - Valley Needlegrass Grassland [42110]	Perennial Grassland
Native Grasslands	Coastal Prairie-Scrub Mosaic, (Kuchler 1977)	
	Native Grassland - Serpentine Bunchgrass [42130]	No Designation

**Table 7-2 (continued)  
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Scrub and Chaparral	Northern Coastal Scrub [32100]	Coastal Scrub
	Diablan Sage Scrub [32600]	
	Upper Sonoran Mixed Chaparral - Northern Mixed Chaparral [37110]	Mixed Chaparral
	Chamise Chaparral [37200]	Chamise – Redshank Chaparral
	Serpentine Chaparral [37600]	Mixed Chaparral
	Upper Sonoran Ceanothus Chaparral – Buck Brush Chaparral [37810]	
	Upper Sonoran Ceanothus Chaparral – Blue Brush Chaparral [37820]	
	Interior Live Oak Chaparral [37A00]	
Riparian and Bottomland Habitats: Riparian Forests, Riparian Woodlands, and Riparian Scrubs	Central Coast Cottonwood-Sycamore Riparian Forest [61210]	Valley Foothill Riparian
	Central Coast Live Oak Riparian Forest [61220]	Coastal Oak Woodland
	Central Coast Arroyo Willow Riparian Forest [61230]	Valley Foothill Riparian
	White Alder Riparian Forest [61510]	No Designation
	Sycamore Alluvial Woodland [62100]	
	Central Coast Riparian Scrub [63200]	
	Mule Fat Scrub [63310]	
Woodlands	Black Oak Woodland [71120]	Montane Hardwood
	Valley Oak Woodland [71130]	Valley Oak Woodland
	Blue Oak Woodland [71140]	Blue Oak Woodland
	Interior Live Oak Woodland [71150]	Blue Oak Woodland and Montane Hardwood
	Coast Live Oak Woodland [71160]	Coastal Oak Woodland
	Open Digger Pine Woodland [71310]	Blue Oak – Digger Pine
	Broadleaved Upland Forests	Mixed Evergreen Forest [81100]
California Bay Forest [81200]		
Coast Live Oak Forest [81310]		Coastal Oak Woodland
Interior Live Oak Forest [81330]		Blue Oak Woodland
Black Oak Forest [81340]		Montane Hardwood
Tan Oak Forest [81400]		Douglas – Fir

**Table 7-2 (concluded)**  
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Habitat/Vegetation Type	Biotic/Plant Communities <sup>1</sup>	Wildlife Habitats <sup>2</sup>
Coniferous Forests	Upland Redwood Forest [82320]	Redwood
	Douglas-Fir Forest [82400]	Douglas – Fir
	Knobcone Pine Forest [83210]	Closed-Cone Pine-Cypress
	Upland Coast Range Ponderosa Pine Forest [84131]	Ponderosa Pine
	Coulter Pine Forest [84140]	No Designation
Cliffs and Rock Outcrops	Cliffs and Rock Outcrops	No Designation
Agricultural Land	Field Crops	Cropland
	Grain and Hay Crops	
	Orchards	Orchard-Vineyard
	Vineyards	
	Pasture (Irrigated)	Pasture
	Grazing Lands (see Nonnative Grasslands)	Annual Grassland
Urban Habitat	Urban Forest	Urban
	Fallowland	

<sup>1</sup> Plant Community designations used are as according to *Preliminary Descriptions of the Terrestrial Natural Communities of California* (Holland 1986) unless otherwise indicated. Brackets [ ] give the former CNDDDB designation according to the “Holland Code.” Note: In 1997 the California Department of Fish and Game, Natural Heritage Division, created a new *List of California Terrestrial Natural Communities Recognized by the Natural Diversity Data Base* based on the classification put forth in *A Manual of California Vegetation* (Sawyer and Keeler-Wolf 1995). We have elected to use the 1986 rather than the 1995 designations since this new classification system is far more complex and data are not available on the distribution of plant communities in the Santa Clara Basin using this terminology.

<sup>2</sup> Terms used to describe wildlife habitats are as per *A Guide to Wildlife Habitats of California* (Mayer and Laudenslayer 1988). This guide describes the various wildlife habitats that constitute the California Wildlife-Habitat Relationships (WHR) System. This classification system was developed for WHR by the California Interagency Wildlife Task Group. It was developed to recognize and logically categorize major vegetative complexes at a scale sufficient to predict wildlife-habitat relationship.