

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
1000	f	Evergreen Broadleaf Forests & Woodlands	Evergreen Broadleaf Forests & Woodlands							
1100	f	Winter-Rain Sclerophyll Forests & Woodlands	Winter-Rain Sclerophyll Forests & Woodlands							
1122	m	Canyon Live Oak Alliance	Quercus chrysolepis Alliance		m	MHC	MONTANE HARDWOOD CONIFER	81320	Canyon Live Oak Forest	
1131	m	Canyon Live Oak - Big Cone Douglas-Fir Association	Quercus chrysolepis-Pseudotsuga macrocarpa Association	l	m	MHC	MONTANE HARDWOOD CONIFER	84150	Bigcone Spruce-Canyon Oak Forest	Southern-most occurrence of this vegetation in the world is within 1 mile of Vulcan Mtn. Also southern-most occurrence of Bigcone Douglas-fir.
1133	m	Canyon Live Oak Association	Quercus chrysolepis Association	l	m	MHC	MONTANE HARDWOOD CONIFER	81320	Canyon Live Oak Forest	
1200	f	Xeromorphic Sclerophyll Woodlands	Xeromorphic Sclerophyll Woodlands							
1201	m	Coast Live Oak Alliance	Quercus agrifolia Alliance		c	COW	COASTAL OAK WOODLAND	71160	Coast Live Oak Woodland	
1239	m	Coast Live Oak / Chaparral Association	Quercus agrifolia-Chaparral Association		c	COW	COASTAL OAK WOODLAND	71160	Coast Live Oak Woodland	
1241	m	Coast Live Oak - Engelmann Oak / California Buckwheat / Grass Association	Quercus agrifolia -Q. engelmannii / Eriogonum fasciculatum / Grass Association	r	c	COW	COASTAL OAK WOODLAND	71182	Dense Engelmann Oak Woodland	Engelman oak not known further east in San Diego Co. than these occurrences in San Felipe Valley.
1243	m	Coast Live Oak / Annual grass-herb Association	Quercus agrifolia / Annual Grass-Herb Association		c	COW	COASTAL OAK WOODLAND	71160	Coast Live Oak Woodland	
1246	m	Coast Live Oak - California Sycamore San Felipe Valley Mapping Unit	Quercus agrifolia-Platanus racemosa San Felipe Valley Mapping Unit	l	c	COW	COASTAL OAK WOODLAND	61310	Southern Coast Live Oak Riparian Forest	

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
2000	f	Evergreen Needle-leaf Forests & Woodlands	Evergreen Needle-leaf Forests & Woodlands							
2100	f	Rounded Crown Forests & Woodlands (Pines & Cypress)	Rounded Crown Forests & Woodlands (Pines & Cypress)							
2106	m	California Juniper Alliance	Juniperus californica Alliance		d	JUN	JUNIPER	72320	Peninsular Juniper Woodland and Scrub	
2121	m	Coulter Pine Alliance	Pinus coulteri Alliance	l	m	SMC	SIERRA MIXED CONIFER	84140	Coulter Pine Forest	
2131	m	Coulter Pine / Black Oak Association	Pinus coulteri /Quercus kelloggii Association	l	m	SMC	SIERRA MIXED CONIFER	84140	Coulter Pine Forest	
2132	m	Coulter pine / Canyon live oak Alliance	Pinus coulteri-Quercus chrysolepis Alliance	l	m	SMC	SIERRA MIXED CONIFER	84140	Coulter Pine Forest	
added formation (217#)	f	Needle-leaved evergreen shrubland	Needle-leaved evergreen shrubland							To distinguish shrub junipers
2171	m	California Juniper - Desert Agave Association	Juniperus californica-Agave deserti Association		d	JUN	JUNIPER	72320	Peninsular Juniper Woodland and Scrub	
2172	m	California Juniper - Blackbush Association	Juniperus californica-Coleogyne ramosissima Association	l	d	JUN	JUNIPER	72320	Peninsular Juniper Woodland and Scrub	Rare association particularly in the Peninsular Range
2173	m	California Juniper - Chamise Association	Juniperus californica-Adenostoma fasciculatum Association	r	c	JUN	JUNIPER	72320	Peninsular Juniper Woodland and Scrub	
2200	f	Conical-Crown Forests (Firs, Spruces, D-Firs Cedars & Hemlocks)	Conical-Crown Forests (Firs, Spruces, D-Firs Cedars & Hemlocks)							

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
2221	a	Bigcone Douglas-fir Alliance	<i>Pseudotsuga macrocarpa</i> Alliance	r	m	MHC	MONTANE HARDWOOD CONIFER	84150	Bigcone Spruce-Canyon Oak Forest	Southern-most occurrence of this vegetation in the world is within 1 mile of Vulcan Mtn. Also southern-most occurrence of Bigcone Douglas-fir
2230	c	White fir - Incense Cedar Alliance	<i>Abies concolor-Calocedrus decurrens</i> Alliance	r	m	SMC	SIERRA MIXED CONIFER	85320, 84230	Southern California White Fir Forest, Sierran Mixed Conifer Forest	Uncommon association, known elsewhere only from Mt Palomar.
2231	m	White fir - Incense Cedar - Bigcone Douglas Fir- Coulter Pine Mapping Unit - Bigcone Douglas-fir Association	<i>Abies concolor-Calocedrus decurrens-Pseudotsuga macrocarpa-Pinus coulteri</i> Mapping Unit/ <i>Pseudotsuga macrocarpa</i> Association	r	m	SMC	SIERRA MIXED CONIFER	84230	Sierran Mixed Conifer Forest	Very rare association only known from Vulcan Mountain.
2240	m	Bigcone Douglas-fir - Canyon Live Oak Association	<i>Pseudotsuga macrocarpa-Quercus chrysolepis</i> Association	r	m	MHC	MONTANE HARDWOOD CONIFER	84150	Bigcone Spruce-Canyon Oak Forest	Southern-most occurrence of this vegetation in the world is within 1 mile of Vulcan Mtn. Also southern-most occurrence of igcone douglas fir
2241	m	Bigcone Douglas-fir - Coast Live Oak Association	<i>Pseudotsuga macrocarpa-Quercus agrifolia</i> Association	r	m	MHC	MONTANE HARDWOOD CONIFER	84150	Bigcone Spruce-Canyon Oak Forest	Southern-most occurrence of this vegetation in the world is within 1 mile of Vulcan Mtn. Also southern-most occurrence of Bigcone Douglas-fir
3000	f	Deciduous Forests & Woodlands	Deciduous Forests & Woodlands							

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
3100	f	Cold Season Deciduous Forests & Woodlands	Cold Season Deciduous Forests & Woodlands							
3101	a	Engelmann Oak Alliance	Quercus engelmannii Alliance	r	c	COW	COASTAL OAK WOODLAND	71181	Open Engelmann Oak Woodland	May be some of the easternmost occurrences of this alliance and this species.
3102	m	Black Oak Alliance	Quercus kelloggii Alliance		m	MHC	MONTANE HARDWOOD CONIFER	71120, 81340	Black Oak Woodland, Black Oak Forest	
3132	m	Engelmann Oak-Scrub Oak Association	Quercus engelmannii/Quercus berberidifolia Association	r	c	COW	COASTAL OAK WOODLAND	71181	Open Engelmann Oak Woodland	San Felipe Valley WLA may contain some of the easternmost occurrences of this association and Engelmann oak.
3135	m	Black Oak - Canyon Live Oak Association	Quercus kelloggii-Quercus chrysolepis Association	l	m	MHC	MONTANE HARDWOOD CONIFER	81340	Black Oak Forest	
3140	m	Black Oak - Incense Cedar Association	Quercus kelloggii-Calocedrus decurrens Association	l	m	MHC	MONTANE HARDWOOD CONIFER	81341	Black Oak Forest	
3146	m	Black Oak/ Grass Association	Quercus kelloggii/Annual Grass-Herb Association	l	m	MHC	MONTANE HARDWOOD CONIFER	71120	Black Oak Woodland	
3200	f	Temporarily Flooded Cold Season Deciduous Forests & Woodlands	Temporarily Flooded Cold Season Deciduous Forests & Woodlands							
3221	m	California Sycamore Alliance	Platanus racemosa Alliance		c	VRI	VALLEY FOOTHILL RIPARIAN	62400	Southern Sycamore-Alder Riparian Woodland	Some of the most eastern-most (desert edge) locations of this alliance occur in San Felipe Valley WLA.

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
3222	m	Fremont Cottonwood Alliance	Populus fremontii Alliance		d	VRI	VALLEY FOOTHILL RIPARIAN	61330	Southern Cottonwood-Willow Riparian Forest	
3232	m	California Sycamore - Fremont Cottonwood Alliance	Platanus racemosa - Populus fremontii Alliance	r	c	VRI	VALLEY FOOTHILL RIPARIAN	61330	Southern Cottonwood-Willow Riparian Forest	
3233	m	White Alder - California Sycamore - Canyon Live Oak Association	Alnus rhombifolia-Platanus racemosa-Quercus chrysolepis Association	l	m	VRI	VALLEY FOOTHILL RIPARIAN	62400	Southern Sycamore-Alder Riparian Woodland	
3236	m	Fremont Cottonwood Red Willow Association	Populus fremontii - Salix laevigata Alliance	l	c	VRI	VALLEY FOOTHILL RIPARIAN	61330	Southern Cottonwood-Willow Riparian Forest	
3237	m	Black Willow / Mulefat Association	Salix gooddingii /Baccharis salicifolia Association	l	c	VRI	VALLEY FOOTHILL RIPARIAN	63320	Southern Willow Scrub	
3240	m	Fremont Cottonwood Willow Mapping Unit	Populus fremontii - Salix laevigata-Salix gooddingii Mapping Unit	l	c	VRI	VALLEY FOOTHILL RIPARIAN	61330	Southern Cottonwood-Willow Riparian Forest	
3241	m	Fremont Cottonwood / Mulefat Association	Populus fremontii /Baccharis salicifolia Association	l	c	VRI	VALLEY FOOTHILL RIPARIAN	61330	Southern Cottonwood-Willow Riparian Forest	
3242	m	Fremont Cottonwood-Honey Mesquite Association	Populus fremontii-Prosopis glandulosa Association	l	d	DRI	DESERT RIPARIAN	61810	Sonoran Cottonwood-Willow Riparian	
3252	m	Fremont Cottonwood Black Willow / Mulefat Association	Populus fremontii-Salix gooddingii/Baccharis salicifolia Association	l	c	VRI	VALLEY FOOTHILL RIPARIAN	61330	Southern Cottonwood-Willow Riparian Forest	
4000	f	Evergreen Shrubland	Evergreen Shrubland							
4300	f	Sclerophyllous Shrubland	Sclerophyllous Shrubland							

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
4301	m	Chamise Alliance	Adenostoma fasciculatum Alliance		c	CRC	CHAMISE REDSHANK CHAPARRAL	37200	Chamise Chaparral	
4302	m	Chamise - Eastwood Manzanita Alliance	Adenostoma fasciculatum - Arctostaphylos glandulosa Alliance	l	c	CRC	CHAMISE REDSHANK CHAPARRAL	37110	Northern Mixed Chaparral	
4304	m	Chamise - White Sage Alliance	Adenostoma fasciculatum-Salvia apiana Alliance		c	CRC	CHAMISE REDSHANK CHAPARRAL	37G00	Coastal Sage - Chaparral Scrub	
4305	m	Eastwood Manzanita Alliance	Arctostaphylos glandulosa Alliance	l	m	MCH	MIXED CHAPARRAL	37520	Montane Manzanita Chaparral	
4311	c	Hairyleaf Ceanothus Alliance	Ceanothus oliganthus Alliance		m	MCH	MIXED CHAPARRAL	37531	Deer Brush Chaparral	This behaves like Ceanothus integerrimus, montane only, but is obviously not the same. Could be called Upper Sonoran Ceanothus Chaparral, but that is not as descriptive; post fire in montane zone, occupies former stands of Canyon oak and Bigcone Douglas-fir
4313	c	Chaparral Whitethorn Alliance	Ceanothus leucodermis Alliance		c	MCH	MIXED CHAPARRAL	37532	Whitethorn Chaparral	
4314	m	Chamise - Cupleaf Ceanothus Alliance	Adenostoma fasciculatum-Ceanothus greggii Alliance		c	CRC	MIXED CHAPARRAL	37400	Semi-Desert Chaparral	
4320	m	Sugar Bush Alliance	Rhus ovata Alliance		d	MCH	MIXED CHAPARRAL	37400	Semi-Desert Chaparral	
4321	m	Scrub Oak Alliance	Quercus berberidifolia Alliance		c	MCH	MIXED CHAPARRAL	37900	Scrub Oak Chaparral	

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
4322	m	Scrub Oak - Chamise Alliance	Quercus berberidifolia-Adenostoma fasciculatum Alliance		c	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	
4323	m	Mixed Scrub Oak Alliance	Quercus Mixed spp. Alliance (e.g. Quercus wislizeni-Quercus berberidifolia)		c	MCH	MIXED CHAPARRAL	37900	Scrub Oak Chaparral	
4324	m	Interior Live Oak Shrub Alliance	Quercus wislizeni Alliance	l	m	MCH	MIXED CHAPARRAL	37540	Montane Scrub Oak Chaparral	
4328	m	Chamise - Bigberry Manzanita Alliance	Adenostoma fasciculatum-Arctostaphylos glauca Alliance		c	CRC	CHAMISE REDSHANK CHAPARRAL	37130	Northern Mixed Chaparral	
4330	m	Chamise (pure) Association	Adenostoma fasciculatum (pure) Association		c	CRC	CHAMISE REDSHANK CHAPARRAL	37200	Chamise Chaparral	
4331	m	Chamise - Manzanita Mapping Unit	Adenostoma fasciculatum - Arctostaphylos spp. Mapping Unit		c	CRC	CHAMISE REDSHANK CHAPARRAL	37110	Northern Mixed Chaparral	
4345	m	Chamise (disturbance) Mapping Unit	Adenostoma fasciculatum (disturbance) Mapping Unit		c	CRC	CHAMISE REDSHANK CHAPARRAL	37200	Chamise Chaparral	
4347	m	Chamise - Cupleaf Ceanothus - Scrub Oak Association	Adenostoma fasciculatum-Ceanothus greggii-Quercus berberidifolia Association	l	c	CRC	CHAMISE REDSHANK CHAPARRAL	37400	Semi-Desert Chaparral	
4361	m	Scrub oak - Manzanita Mapping Unit	Quercus berberidifolia-(Arctostaphylos glandulosa-A. pringlei) Mapping Unit		c	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	
4363	m	Scrub Oak - Chaparral Whitethorn Mapping Unit	Quercus berberidifolia-Ceanothus leucodermis Mapping Unit		c	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	
4364	m	Scrub Oak - Birchleaf Mountain-mahogany Mapping Unit	Quercus berberidifolia-Cercocarpus betuloides Mapping Unit		c	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
4372	m	Chamise - California Buckwheat Association	Adenostoma fasciculatum-Eriogonum fasciculatum Association		c	CRC	CHAMISE REDSHANK CHAPARRAL	37G00	Coastal Sage - Chaparral Scrub	
4376	m	Chamise (- Scrub Oak - Manzanita) Mapping Unit	Adenostoma fasciculatum (-Quercus berberidifolia-Arctostaphylos glauca-A.glandulosa, A. pringlei) Mapping Unit		c	CRC	CHAMISE REDSHANK CHAPARRAL	37110	Northern Mixed Chaparral	
4378	m	Scrub Oak - Chamise - Eastwood Manzanita Association	Quercus berberidifolia-Adenostoma fasciculatum-Arctostaphylos glandulosa Association	l	m	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	
4386	m	Chamise - Eastwood Manzanita - Scrub Oak Association	Adenostoma fasciculatum-Arctostaphylos glandulosa-Quercus berberidifolia Association	l	m	CRC	CHAMISE REDSHANK CHAPARRAL	37110	Northern Mixed Chaparral	
4406	c	Bush Poppy Alliance	Dendromecon rigida Alliance		c	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	Seral, post fire, not likely to visibly persist after 10 years post-fire
4407	c	Deer Brush Alliance	Ceanothus integerrimus Alliance	l	m	MCP	MONTANE CHAPARRAL	37531	Deer Brush Chaparral	
4409	m	Interior Live Oak - Chaparral Whitethorn Alliance	Quercus wislizeni-Ceanothus leucodermis Alliance	l	m	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	
4410	m	Muller Oak Alliance	Quercus cornelius-mulleri Alliance		d	MCH	MIXED CHAPARRAL	37400	Semi-Desert Chaparral	
4411	m	Birchleaf Mountain-mahogany Alliance	Cercocarpus betuloides Alliance		c	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
4432	m	Muller Oak-California Buckwheat-Narrow-leaved Goldenbush Association	Quercus cornelius-mulleri-Eriogonum fasciculatum-Ericameria linearifolia Association		d	MCH	MIXED CHAPARRAL	37400	Semi-Desert Chaparral	
4433	m	Muller Oak-Sugar Bush Association	Quercus cornelius-mulleri-Rhus Ovata Association		d	MCH	MIXED CHAPARRAL	37400	Semi-Desert Chaparral	
4437	m	Sugar Bush - Lotebush Association	Rhus ovata-Ziziphus parryi Association	r	d	MCH	MIXED CHAPARRAL	37400	Semi-Desert Chaparral	
4450	m	Sugar Bush - California Buckwheat Association	Rhus ovata-Eriogonum fasciculatum Association	r	d	MCH	MIXED CHAPARRAL	37400	Semi-Desert Chaparral	
4495	m	Chamise - Bigberry Manzanita - Scrub Oak Association	Adenostoma fasciculatum-Arctostaphylos glauca-Quercus berberidifolia Association		c	MCH	MIXED CHAPARRAL	37110	Northern Mixed Chaparral	
4500	f	Microphyllous Shrubland	Microphyllous Shrubland							
4530	m	Baccharis spp. Mapping Unit (semi-riparian)	Baccharis spp. Mapping Unit (semi-riparian)		c	VRI	VALLEY FOOTHILL RIPARIAN	63310	Mule Fat Scrub	
4600	f	Broad-leaved and microphyllous evergreen extremely xeromorphic subdesert shrubland								
4604	m	Creosote Bush Alliance	Larrea tridentata Alliance		d	DSC	Desert Scrub	33100	Sonoran Creosote Bush Scrub	
4640	m	Creosote Bush - Mojave Yucca Alliance	Larrea tridentata-Yucca schidigera Alliance		d	DSC	Desert Scrub	33100	Sonoran Creosote Bush Scrub	Stands in the SFVWLA may be the western- most occurrence of this alliance in San Diego Co.
5000	f	Deciduous shrubland	Deciduous shrubland							

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
5100	f	Cold-season deciduous shrubland	Cold-season deciduous shrubland							
5103	m	Basket Bush Alliance	Rhus trilobata Alliance	r	m	MCP	MONTANE CHAPARRAL	35000	Montane Chaparral	This alliance is rare and spotty in Peninsular range, may be the western-most occurrence in SFVWLA on Vulcan Mtn
5200	f	Intermittently Flooded to Saturated Deciduous Shrubland	Intermittently Flooded to Saturated Deciduous Shrubland							
5201	m	Narrowleaf Willow Alliance	Salix exigua Alliance		c	VRI	VALLEY FOOTHILL RIPARIAN	63320	Southern Willow Scrub	
5300	f	Intermittently flooded microphyllous shrubland	Intermittently flooded microphyllous shrubland							
5400	f	Winter Rain Drought Deciduous Shrubland	Winter Rain Drought Deciduous Shrubland							
5404	m	California Buckwheat Alliance	Eriogonum fasciculatum Alliance		c	CSC	COASTAL SCRUB	37K00	Flat-topped Buckwheat	
5407	m	California Buckwheat White Sage Alliance	Eriogonum fasciculatum-Salvia apiana Alliance		c	CSC	COASTAL SCRUB	32710	Riversidian Upland Sage Scrub	
5416	c	Deerweed Alliance	Lotus scoparius Alliance		c	CSC	COASTAL SCRUB	32710	Riversidian Upland Sage Scrub	
5450	m	California Buckwheat Sugar bush Association	Eriogonum fasciculatum-Rhus ovata Association	r	d	CSC	COASTAL SCRUB	37400	Semi-Desert Chaparral	
5500	f	Facultatively-deciduous extremely xeromorphic shrubland	Facultatively-deciduous extremely xeromorphic shrubland							

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
5501	m	Desert Apricot Alliance	Prunus fremontii Alliance	r	d	DSC	Desert Scrub	37400	Semi-Desert Chaparral	Some of the best examples of this alliance known only from the CA Peninsular range (desert margin) occur in the SFVWLA
5502	m	Blackbush Alliance	Coleogyne ramosissima Alliance	l	d	DSC	Desert Scrub	33220	Sonoran Mixed Woody and Succulent Scrub	This alliance is rare and spotty in Peninsular range, may be the western-most occurrence in SFVWLA on Vulcan Mtn
5600	f	Extremely xeromorphic subdesert deciduous shrubland	Extremely xeromorphic subdesert deciduous shrubland							
5601	m	Catclaw Acacia Alliance	Acacia greggii Alliance		d	DSC	Desert Scrub	29000	Acacia Scrub	
5602	m	Desert Willow Alliance	Chilopsis linearis Alliance	l	d	DRI	DESERT RIPARIAN	33230	Sonoran Wash Scrub	
5603	m	Honey Mesquite Alliance	Prosopis glandulosa Alliance		d	DRI	DESERT RIPARIAN	61820	Mesquite Bosque	
5605	m	Cheesebush Alliance	Hymenoclea salsola Alliance		d	DSC	Desert Scrub	33200	Sonoran Desert Mixed Scrub	
5610	m	Desert Sunflower Alliance	Viguiera parishii Alliance		d	DSC	Desert Scrub	33220	Sonoran Mixed Woody and Succulent Scrub	
5611	m	Catclaw Acacia/Annual Grass-Herb Association	Acacia greggii/Annual Grass-Herb Association		d	DSC	Desert Scrub	29000	Acacia Scrub	
5631	m	Upper Desert Mesquite Spring Association	Upper Desert Mesquite (Prosopis glandulosa) Spring Association	r	d	DRI	DESERT RIPARIAN	61820	Mesquite Bosque	

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
5632	c	Desert Sunflower-Desert Agave Association	Viguiera parishii-Agave deserti Association	r	d	DSC	Desert Scrub	33220	Sonoran Mixed Woody and Succulent Scrub	Western-most and highest elevation stands of this local association are in the SFVWLA.
5633	m	Desert Sunflower-California Buckwheat Association	Viguiera parishii-Eriogonum fasciculatum Association		d	DSC	Desert Scrub	33200	Sonoran Desert Mixed Scrub	
6000	f	Perennial Herbaceous	Perennial Herbaceous							
6100	m	Bunch-forming grasses	Bunch-forming grasses							
6101	c	Purple Three-awn Alliance	Aristida purpurea Alliance	r	d	PGS	PERENNIAL GRASSLAND	42400	Foothill/Mountain Perennial Grassland	Extremely rare alliance with largest known stands in the SFVWLA.
6200	m	Seasonally Flooded Grasslands & Forbs	Seasonally Flooded Grasslands & Forbs			FEW	FRESH EMERGENT WETLAND			
6203	c	Common Rush Alliance	Juncus effusus Alliance		c	FEW	FRESH EMERGENT WETLAND	45400	Freshwater Seep	
6209	c	Yerba Mansa Alliance	Anemopsis californica Alliance	r	d	FEW	FRESH EMERGENT WETLAND	45320	Alkali Seep	Rare and localized alliance, especially west of the true desert edge, as is true here in San Felipe Valley.
6233	c	Yerba Mansa - Mexican Rush Association	Anemopsis californicus-Juncus mexicanus Association	r	d	FEW	FRESH EMERGENT WETLAND	45320	Alkali Seep	
6245	m	Alkali Sacaton - Creeping Wildrye - Rush Classification Unit	Sporobolus-Leymus-Juncus Classification unit	r	c	FEW	FRESH EMERGENT WETLAND	45320	Alkali Seep	Rare type; only known location is at SFVWLA.

Mapping Code		Common Name	Scientific Name	Rarity	Affinity	WHR code	WHR Name	Holland code(s)	Holland Name	Notes
6280	m	Hydric Short Herbaceous Mapping Unit	Hydric Short Herbaceous Mapping Unit	l		FEW	FRESH EMERGENT WETLAND	45400	Freshwater Seep	
6400	f	Semi-permanently to Permanently Flooded Grasslands & Forbs	Semi-permanently to Permanently Flooded Grasslands & Forbs			FEW	FRESH EMERGENT WETLAND	45400	Freshwater Seep	
6430	m	Broad-leaved Cattail Association	Typha latifolia Association	l	c	FEW	FRESH EMERGENT WETLAND	52410	Coastal and Valley Freshwater Marsh	
7000	m	Annual Herbaceous Grasslands and Forbs	Annual Herbaceous Grasslands and Forbs							
7100	f	Upland Annual Grasslands & Forbs	Upland Annual Grasslands & Forbs			AGS	ANNUAL GRASSLAND			
7104	m	California Annual Grassland Alliance	California Annual Grassland Alliance		c	AGS	ANNUAL GRASSLAND	42200, 42300	Non-native grassland, Wildflower Field	
9000	f	Sparsely vegetated or non-vegetated	Sparsely vegetated or non-vegetated							
9030	m	Sandy to Cobbly Wash Bottom	Sandy to Cobbly Wash Bottom		c					
9100	m	Urban or Development	Urban or Development							
9500	f	Miscellaneous Mapping Units	Miscellaneous Mapping Units							
9530	c	Post-fire non-classifiable mapping unit	Post-fire non-classifiable mapping unit		c					

Column B: a = alliance not mapped, but association mapped or present; c = classified sample type present but not mapped (e.g., because it's a post-fire type);

f = formation not mapped, but alliances or associations within it are mapped; m = mapped type

Column F: l = locally rare in San Diego County, r = rare statewide

Column G: c = cismontane (foothill), d = desert, m = montane, for general analysis purposes

Yellow rows are not translated to Holland or WHR types because they are too broad in concept.