

# ***CWHR Crosswalked with CalVeg Classification***

## **ALKALI DESERT SCRUB**

**ASC**

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ALKALINE MIXED SCRUB (HA)  
ARROWWEED (DE)  
BLACK GREASEWOOD (BG)  
HORSEBRUSH (TM)  
SALTBUSH (BC)  
SHADSCALE (DS)  
WINTER FAT (KL)

## **ALPINE DWARF-SHRUB**

**ADS**

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ALPINE GRASSES AND FORBS (AC)  
ALPINE MIXED SCRUB (AX)  
ROTHROCK SAGEBRUSH (TR)

## **ANNUAL GRASSLAND**

**AGS**

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ANNUAL GRASSES AND FORBS (HG)  
NON-NATIVE/ORNAMENTAL GRASS (IG)  
PERENNIAL HERBS (HM)

## **ASPEN**

**ASP**

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QUAKING ASPEN (QQ)  
WILLOW - ASPEN (QS)

## **BARREN**

**BAR**

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ALKALINE FLATS (AK)  
DUNE (DU)  
GENERAL BARREN (BA)  
GENERAL SNOW/ICE (SN)  
TILLED EARTH (A3)

## **BITTERBRUSH**

**BBR**

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BASIN TRANSITION SCRUB (BZ)  
BITTERBRUSH - SAGEBRUSH (TB)  
BITTERBRUSH (BB)  
CURLLEAF MOUNTAIN MAHOGANY (SHRUB) (BM)  
CURLLEAF MOUNTAIN MAHOGANY (TREE) (FM)  
GREAT BASIN MIXED SHRUB (BQ)  
HIGH DESERT MIXED SCRUB (NQ)  
HORSEBRUSH (TM)  
RABBITBRUSH (BR)  
RIVERSIDEAN ALLUVIAL SCRUB (RS)

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**BLUE OAK WOODLAND** **BOW**

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BLUE OAK (QD)  
CALIFORNIA BUCKEYE (QI)  
INTERIOR LIVE OAK (QW)

**BLUE OAK-FOOTHILL PINE** **BOP**

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BLUE OAK (QD)  
GREY PINE (PD)

**CHAMISE-REDSHANK CHAPARRAL** **CRC**

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CHAMISE (CA)  
RED SHANKS CHAPARRAL (CR)

**CLOSED-CONE PINE-CYPRESS** **CPC**

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BAKER CYPRESS (MO)  
BISHOP PINE (PM)  
CUYAMACA CYPRESS (MC)  
GOWEN CYPRESS (MG)  
KNOBCONE PINE (KP)  
MCNAB CYPRESS (MN)  
MONTEREY CYPRESS (MM)  
MONTEREY PINE (PR)  
PIUTE CYPRESS (MI)  
PYGMY CYPRESS (MY)  
SANTA CRUZ CYPRESS (MZ)  
SARGENT CYPRESS (MS)  
SHORE PINE (PS)  
TECATE CYPRESS (MT)  
TORREY PINE (PT)  
ULTRAMAFIC MIXED CONIFER (MU)

**COASTAL OAK WOODLAND** **COW**

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CALIFORNIA BAY (QB)  
CALIFORNIA BUCKEYE (QI)  
COAST LIVE OAK (QA)  
COASTAL MIXED HARDWOOD (EX)  
ENGELMANN OAK (QN)  
LIVE OAK - MADRONE (Q1)  
SHREVE OAK (AS)

**COASTAL SCRUB** **CSC**

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BLADDERPOD (SI)  
BLUEBLOSSOM CEANOTHUS (SC)

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BUCKWHEAT(SB)  
CALIFORNIA SAGEBRUSH (SS)  
COASTAL BLUFF SCRUB (SH)  
COASTAL CACTUS (SO)  
COASTAL LUPINE (SL)  
COYOTE BRUSH (CK)  
ENCELIA SCRUB (SE)  
GIANT REED/PAMPUS GRASS (IA)  
MENDOCINO MANZANITA (AN)  
NORTH COASTAL MIXED SHRUB (NC)  
SAGE (SP)  
SALAL - CALIFORNIA HUCKLEBERRY SHRUB (CB)  
SOFT SCRUB - MIXED CHAPARRAL (SQ)

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**DECIDUOUS ORCHARD**

**DOR**

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NON-NATIVE ORNAMENTAL HARDWOOD (IH)  
ORCHARD AGRICULTURE (A4)

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**DESERT RIPARIAN**

**DRI**

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BACCHARIS (RIPARIAN) (ML)  
DESERT WILLOW (UD)  
FREMONT COTTONWOOD (QF)  
MESQUITE (UM)  
TAMARISK (UT)  
WATER BIRCH (FO)  
WILLOW (SHRUB) (WL)  
WILLOW (TREE) (QO)

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**DESERT SCRUB**

**DSC**

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BASIN TRANSITION SCRUB (BZ)  
BLACKBUSH (DA)  
BLADDERPOD (SI)  
BUCKWHEAT (SB)  
CATCLAW ACACIA (UL)  
CHEESEBUSH (HS)  
CREOSOTE BUSH (DL)  
CROTON (DD)  
DESERT BUCKWHEAT (DB)  
DESERT MIXED SCRUB (DX)  
ELEPHANT TREE (ET)  
ENCELIA SCRUB (SE)  
EPHEDRA (FD)  
HIGH DESERT MIXED SCRUB (NQ)  
HORSEBRUSH (TM)  
INDIGO BUSH (DI)

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RABBITBRUSH (BR)  
RIVERSIDEAN ALLUVIAL SCRUB (RS)  
SCALEBROOM (LS)  
SEMI-DESERT CHAPARRAL (CZ)  
SPINY MENODORA (DJ)  
WHITE BURSAE (AD)

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**DESERT SUCCULENT SHRUB** **DSS**

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CHOLLA (DC)  
DESERT MIXED SCRUB (DX)  
ELEPHANT TREE (ET)  
MIXED DESERT SUCCULENT SCRUB (DV)  
OCOTILLO (DO)  
RIVERSIDEAN ALLUVIAL SCRUB (RS)  
SEMI-DESERT CHAPARRAL (CZ)

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**DESERT WASH** **DSW**

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ARROWWEED (DE)  
CATCLAW ACACIA (UL)  
CHEESEBUSH (HS)  
CROTON (DD)  
DESERT IRONWOOD (UI)  
DESERT WILLOW (UD)  
INDIGO BUSH (DI)  
MESQUITE (UM)  
MIXED DESERT WASH SCRUB (NB)  
PALO VERDE (UP)  
RIVERSIDEAN ALLUVIAL SCRUB (RS)  
SCALEBROOM (LS)  
SMOKE TREE (UX)  
TAMARISK (UT)

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**DOUGLAS-FIR** **DFR**

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DOUGLAS FIR - PONDEROSA PINE (DP)  
DOUGLAS-FIR - GRAND FIR (DG)  
DOUGLAS-FIR - WHITE FIR (DW)  
PACIFIC DOUGLAS FIR (DF)  
REDWOOD - DOUGLAS FIR (RD)

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**DRYLAND GRAIN CROPS** **DGR**

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PASTURES AND CROP AGRICULTURE (A6)

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**EASTSIDE PINE** **EPN**

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CURLLEAF MOUNTAIN MAHOGANY (SHRUB) (BM)

EASTSIDE PINE (EP) WASHOE PINE (WP)	
<b>ESTUARINE</b>	<b>EST</b>
GENERAL WATER (WA)	
<b>EUCALYPTUS</b>	<b>EUC</b>
EUCALYPTUS (QZ)	
<b>EVERGREEN ORCHARD</b>	<b>EOR</b>
CONIFER AGRICULTURE (A1) NON-NATIVE ORNAMENTAL HARDWOOD (IH)	
<b>FRESH EMERGENT WETLAND</b>	<b>FEW</b>
GIANT REED/PAMPAS GRASS (IA) TULE - CATTAIL (HT) WET MEADOWS (HJ)	
<b>IRRIGATED GRAIN CROPS</b>	<b>IGR</b>
PASTURES AND CROP AGRICULTURE (A6)	
<b>IRRIGATED HAYFIELD</b>	<b>IRH</b>
PASTURES AND CROP AGRICULTURE (A6)	
<b>IRRIGATED ROW AND FIELD CROPS</b>	<b>IRF</b>
PASTURES AND CROP AGRICULTURE (A6)	
<b>JEFFREY PINE</b>	<b>JPN</b>
JEFFREY PINE (JP)	
<b>JOSHUA TREE</b>	<b>JST</b>
JOSHUA TREE (UJ)	
<b>JUNIPER</b>	<b>JUN</b>
CALIFORNIA JUNIPER (SHRUB) (JC) CALIFORNIA JUNIPER (TREE) (JT) UTAH JUNIPER (JU) WESTERN JUNIPER (WJ)	
<b>KLAMATH MIXED CONIFER</b>	<b>KMC</b>
ALASKA YELLOW-CEDAR (MA) BREWER SPRUCE (PB) DOUGLAS FIR - WHITE FIR (DW)	

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DOUGLAS-FIR - PONDEROSA PINE (DP)  
ENGELMANN SPRUCE (EA)  
INCENSE-CEDAR (MD)  
KLAMATH MIXED CONIFER (MK)  
MIXED CONIFER - FIR (MF)  
MIXED CONIFER - PINE (MP)  
NOBLE FIR (AA)  
PACIFIC DOUGLAS-FIR (DF)  
PORT ORFORD CEDAR (PO)  
ULTRAMAFIC MIXED CONIFER (MU)

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LACUSTRINE LAC

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AGRICULTURE PONDS, WATER FEATURES  
GENERAL WATER (WA)

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LODGEPOLE PINE LPN

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LODGEPOLE PINE (LP)

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LOW SAGE LSG

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BASIN TRANSITION SCRUB (BZ)  
BLACK SAGEBRUSH (TN)  
GREAT BASIN MIXED SHRUB (BQ)  
HIGH DESERT MIXED SCRUB (NQ)  
LOW SAGEBRUSH (BL)  
RABBITBRUSH (BR)

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MARINE MAR

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GENERAL WATER (WA)

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MIXED CHAPARRAL MCH

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BIRCHLEAF MOUNTAIN MAHOGANY (WM)  
BLADDERPOD (SI)  
BUCKWHEAT (SB)  
CEANOTHUS CHAPARRAL (CC)  
CHAMISE (CA)  
CHAPARRAL YUCCA (SY)  
DEERBRUSH (CI)  
LOWER MONTANE MIXED CHAPARRAL (CQ)  
MANZANITA CHAPARRAL (SD)  
MENDOCINO MANZANITA (AN)  
SCRUB OAK (CS)  
SEMI-DESERT CHAPARRAL (CZ)  
SOUTHERN MIXED CHAPARRAL (CD)  
SUMAC SHRUB (SM)

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TUCKER SCRUB OAK (CT)  
ULTRAMAFIC MIXED SHRUB (C1)  
WEDGELEAF CEANOTHUS (CL)  
WHITELEAF MANZANITA (CW)

**MONTANE CHAPARRAL**

**MCP**

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BIRCHLEAF MOUNTAIN MAHOGANY (WM)  
BREWER OAK (CJ)  
BUSH CHINQUAPIN  
CEANOTHUS CHAPARRAL (CC)  
DEERBRUSH (CI)  
GREAT BASIN - DESERT TRANSITION (BX)  
GREENLEAF MANZANITA (CG)  
HUCKLEBERRY OAK (CH)  
MANZANITA CHAPARRAL (SD)  
MOUNTAIN WHITETHORN (CY)  
PINEMAT MANZANITA (CN)  
SCRUB OAK (CS)  
SNOWBERRY (TS)  
SNOWBRUSH (CV)  
ULTRAMAFIC MIXED SHRUB (C1)  
UPPER MONTANE MIXED CHAPARRAL (CX)  
UPPER MONTANE MIXED SHRUB (CM)  
WEDGELEAF CEANOTHUS (CL)  
WHITELEAF MANZANITA (CW)

**MONTANE HARDWOOD**

**MHW**

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BIGLEAF MAPLE (QM)  
CALIFORNIA BAY (QB)  
CALIFORNIA BLACK OAK (QK)  
CALIFORNIA BUCKEYE (QI)  
CANYON LIVE OAK (QC)  
INTERIOR LIVE OAK (QW)  
INTERIOR MIXED HARDWOOD (NX)  
LIVE OAK - MADRONE (Q1)  
MONTANE MIXED HARDWOOD (TX)  
MOUNTAIN ALDER (TA)  
OREGON WHITE OAK (QG)  
PACIFIC MADRONE (QH)  
RED ALDER (QR)  
TANOAK (QT)  
TREE CHINQUAPIN (TC)

**MONTANE HARDWOOD-CONIFER**

**MHC**

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BIGCONE DOUGLAS-FIR (DM)

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CALIFORNIA BAY (QB)  
CALIFORNIA BLACK OAK (QK)  
CANYON LIVE OAK (QC)  
COULTER PINE (PC)  
INTERIOR MIXED HARDWOOD (NX)  
LIVE OAK - MADRONE (Q1)  
PACIFIC DOUGLAS FIR (DF)  
PACIFIC MADRONE (QH)  
SANTA LUCIA FIR (AB)  
TANOAK (QT)

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**MONTANE RIPARIAN**

**MRI**

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BACCHARIS (RIPARIAN) (ML)  
BIGLEAF MAPLE (QM)  
BLACK COTTONWOOD (QX)  
COTTONWOOD - ALDER (QJ)  
DOGWOOD (WD)  
FREMONT COTTONWOOD (QF)  
MOUNTAIN ALDER (TA)  
QUAKING ASPEN (QQ)  
RED ALDER (QR)  
RIPARIAN MIXED HARDWOOD (NR)  
RIPARIAN MIXED SHRUB (NM)  
WHITE ALDER (QE)  
WILLOW - ALDER (QY)  
WILLOW - ASPEN (QS)  
WILLOW (SHRUB) (WL)  
WILLOW (TREE) (QO)

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**PALM OASIS**

**POS**

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FAN PALM (UW)

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**PASTURE**

**PAS**

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ANNUAL GRASSES AND FORBS (HG)  
NON-NATIVE/ORNAMENTAL GRASS (IG)  
PASTURES AND CROP AGRICULTURE (A6)  
PERENNIAL HERBS (HM)

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**PERENNIAL GRASSLAND**

**PGS**

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GIANT REED/PAMPAS GRASS (IA)  
PERENNIAL HERBS (HM)

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**PINYON-JUNIPER**

**PJN**

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CURLLEAF MOUNTAIN MAHOGANY (SHRUB) (BM)



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CURLLEAF MOUNTAIN MAHOGANY (TREE) (FM)  
FOURNEEDLE PINYON PINE (PQ)  
SINGLELEAF PINYON PINE (PJ)

**PONDEROSA PINE** **PPN**

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PONDEROSA PINE - WHITE FIR (PW)  
PONDEROSA PINE (PP)

**RED FIR** **RFR**

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MIXED CONIFER - FIR (MF)  
RED FIR (RF)

**REDWOOD** **RDW**

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DOUGLAS-FIR - GRAND FIR (DG)  
GRAND FIR (GF)  
REDWOOD - DOUGLAS FIR (RD)  
REDWOOD (RW)  
SITKA SPRUCE - GRAND FIR (SG)  
SITKA SPRUCE - REDWOOD (SR)  
SITKA SPRUCE (SK)

**RICE** **RIC**

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FLOODED ROW CROP AGRICULTURE (A5)

**RIVERINE** **RIV**

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GENERAL WATER (WA)

**SAGEBRUSH** **SGB**

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BASIN SAGEBRUSH (BS)  
BIG BASIN SAGEBRUSH (TT)  
BITTERBRUSH - SAGEBRUSH (TB)  
CURLLEAF MOUNTAIN MAHOGANY (SHRUB) (BM)  
CURLLEAF MOUNTAIN MAHOGANY (TREE) (FM)  
GREAT BASIN - MIXED CHAPARRAL TRANSITION (BZ)  
GREAT BASIN MIXED SHRUB (BQ)  
LITTLELEAF MOUNTAIN MAHOGANY (BI)  
MOUNTAIN SAGEBRUSH (TV)  
RABBITBRUSH (BR)  
RIVERSIDEAN ALLUVIAL SCRUB (RS)  
WYOMING SAGEBRUSH (TW)

**SALINE EMERGENT WETLAND** **SEW**

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PICKLEWEED - CORDGRASS (HC)  
TULE - CATTAIL (HT)

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**SIERRAN MIXED CONIFER****SMC**

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BIG TREE (BT)  
BIGCONE DOUGLAS-FIR (DM)  
COULTER PINE (PC)  
DOUGLAS FIR - PONDEROSA PINE (DP)  
INCENSE-CEDAR (MD)  
MIXED CONIFER - FIR (MF)  
MIXED CONIFER - GIANT SEQUOIA (MB)  
MIXED CONIFER - PINE (MP)  
MOUNTAIN MISERY (CE)  
PACIFIC DOUGLAS FIR (DF)  
SANTA LUCIA FIR (AB)  
ULTRAMAFIC MIXED CONIFER (MU)

**SUBALPINE CONIFER****SCN**

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BRISTLECONE PINE (BP)  
ENGELMANN SPRUCE (EA)  
FOXTAIL PINE (FP)  
LIMBER PINE (PL)  
LODGEPOLE PINE (LP)  
MOUNTAIN HEMLOCK (MH)  
SUBALPINE CONIFER (SA)  
WESTERN WHITE PINE (WW)  
WHITEBARK PINE (WB)

**URBAN****URB**

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GENERAL URBAN (UB)  
NON-NATIVE ORNAMENTAL HARDWOOD (IH)  
NON-NATIVE/ORNAMENTAL CONIFER (IC)  
NON-NATIVE/ORNAMENTAL GRASS (IG)  
NON-NATIVE/ORNAMENTAL MIXED CONIFER/HARDWOOD (IM)  
NON-NATIVE/ORNAMENTAL SHRUB (IS)

**VALLEY FOOTHILL RIPARIAN****VRI**

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BACCHARIS (RIPARIAN) (ML)  
BLACK WALNUT (QV)  
CALIFORNIA SYCAMORE (QP)  
COTTONWOOD - ALDER (QJ)  
FREMONT COTTONWOOD (QF)  
RIPARIAN MIXED HARDWOOD (NR)  
RIPARIAN MIXED SHRUB (NM)  
VALLEY OAK (QL)  
WHITE ALDER (QE)  
WILLOW - ALDER (QY)

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WILLOW (SHRUB) (WL)

WILLOW (TREE) (QO)

**VALLEY OAK WOODLAND**

**VOW**

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BLACK WALNUT (QV)

VALLEY OAK (QL)

**VINEYARD**

**VIN**

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NON-NATIVE/ORNAMENTAL SHRUB (IS)

VINEYARD - SHRUB AGRICULTURE (A2)

**WET MEADOW**

**WTM**

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TULE - CATTAIL (HT)

WET MEADOWS (HJ)

**WHITE FIR**

**WFR**

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MIXED CONIFER - FIR (MF)

WHITE FIR (WF)