



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **02** Crew Names **Mark Rains & Cher Wellonen** Date **17-Mar-99**

Site Location **Calleguas Creek, at Highway 1 bridge-crossing, down gradient**

Latitude **N34° 06.726'** Longitude **W119° 04.967'**

Plant Series 1 **Giant Reed Series**

Series 1 Associates **ARDO4, ATLEB, BASA, URDIH, BAPI**

Series 1 Notes **Giant Reed dominant in ground layer w/few other species present; grass < 8 m tall; cover continuous; associate species scattered below the thickets of Giant Reed; on W bank of channel (S & N ends); 2 large patches on the E bank and upland.**

Plant Series 2 **Mulefat-Coyote Brush Series**

Series 2 Associates **BASA, BAPI, ARDO3, ARCA11, FOVU, ATLEB, ARDO4**

Series 2 Notes **Mulefat & Coyote Brush are co-dominants of this continuous canopy; ground layer sparse; the site's dominant series along both banks of channel; also occurs more upland from banks.**

Plant Series 3 **N/A**

Series 3 Associates

Series 3 Notes

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **03** Crew Names **Mark Rains & Cher Wellonen** Date **17-Mar-99**

Site Location **Revolon Slough at Hueneme Road bridge crossing, up-gradient**

Latitude **N34° 09.070'** Longitude **W119° 05.290'**

Plant Series 1 **Mulefat Series**

Series 1 Associates **BASA, SALA6, ARDO3, URDIH, NIGL, SCCA**

Series 1 Notes **Occurs below rock rip-rap & after (E of) drainage on SW side of channel; has been cut back to an 8 foot wide, continuous coverage along the west extension of the SW bank; ground cover sparse; habitat seasonally flooded/saturated.**

Plant Series 2 **Ruderal Grassland Series**

Series 2 Associates **COMA2, URDIH, URUR, HOMAG, ERMO7, HIIN3, NIGL, MEAL2, MAPA5, CHMU2**

Series 2 Notes **Dominated by non-native annual & perennial herbs along w/several non-native annual grass species; disturbed sites; occurs predominantly under/ in the vicinity of the bridge, and in between clearings of the Mulefat & Arroyo Willow Series.**

Plant Series 3 **Arroyo Willow Series**

Series 3 Associates **SALA6, BASA**

Series 3 Notes **Occurs on SW side of channel, E of the bridge; has been cut back to an 8 foot wide, continuous coverage along the E extension of the SE bank; Arroyo Willow is dominant shrub/tree with Mulefat as an important associate; ground layer sparse.**

Plant Series 4 **Cocklebur Series**

Series 4 Associates **XAST**

Series 4 Notes **Pure stand of Cocklebur occurring within the streambed/sandbar; intermittent canopy w/sparse ground layer.**



**CALLEGUAS CREEK WATERSHED
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Site # **04** Crew Names **Mark Rains & Cher Wellonen** Date **17-Mar-99**

Site Location **Revolon Slough at Laguna Road bridge crossing**

Latitude **N34° 10.564'** Longitude **W119° 06.013'**

Plant Series 1 **N/A**

Series 1 Associates

Series 1 Notes **Concrete filled in bank to bank; no vegetation**

Plant Series 2 **N/A**

Series 2 Associates

Series 2 Notes

Plant Series 3 **N/A**

Series 3 Associates

Series 3 Notes

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **06** Crew Names **Mark Rains, David Magney, & Cher Wellonen** Date **17-Mar-99**

Site Location **Beardsley Wash, north of Wright Road, near new golf course**

Latitude **N34° 14.626'** Longitude **W119° 05.791'**

Plant Series 1 **Red Willow Series**

Series 1 Associates **SALA, POBAT, COCA5**

Series 1 Notes **Red Willow is dominant shrub/tree in continuous canopy; emergent Black Cottonwoods mid-site; understory absent except for scattered Horseweed; series occurs within the channel for most of the extent of the site.**

Plant Series 2 **Eucalyptus Series**

Series 2 Associates **EUGL, TAMAR2**

Series 2 Notes **Planted dense stand of Eucalyptus w/scattered Tamarisk understory; ground layer sparse; on upper W bank of channel.**

Plant Series 3 **Arroyo Willow Series**

Series 3 Associates **SALA6, SEMI, RICO3, ARDO3, ARCA11, COMA2, URDIH, XAST, ANAR, NIGL, SIMA3, PIEC, MAVU, PHRA2, BRNI, BAPI**

Series 3 Notes **Occurs on E bank; Arroyo Willow doinant tree in continuous canopy with abundant shrub canopy and understory species scattering out into streambed.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **08** Crew Names **Mark Rains, David Magney, & Cher Wellonen** Date **17-Mar-99**

Site Location **Milligan Baranca at La Loma Avenue bridge crossing, down-gradient**

Latitude **N34° 17.243'** Longitude **W119° 03.937'**

Plant Series 1 **Arroyo Willow Series**

Series 1 Associates **SALA6, NIGL, EUGL, SCMO**

Series 1 Notes **Arroyo Willow dominant tree species w/scattered non-native trees as associates; Series 2 forms the understory/ground layer; occurs throughout site; highly disturbed site, negatively influenced by human activities (dumping/non-native species).**

Plant Series 2 **Cape Ivy Series**

Series 2 Associates **SEMI, CAMA24, HIIN3, MAPA5, PHRA2, PIMI, BAPI, POAN, ARCA11, SODO, EULA4, CABUB, OPFI**

Series 2 Notes **Groundlayer dominated/invaded by Cape Ivy w/a mixture of native and non-native shrubs and herbs as associates; occurs throughout site as an understory to the Arroyo Willow Series.**

Plant Series 3 **N/A**

Series 3 Associates

Series 3 Notes

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **09** Crew Names **Mark Rains, David Magney, & Cher Wellonen** Date **17-Mar-99**

Site Location **Fox Baranca, at Barylwood Road bridge crossing, up-gradient**

Latitude **N34° 17.168'** Longitude **W119° 01.450'**

Plant Series 1 **Mexican Elderberry Series**

Series 1 Associates **SAME5, URDIH, PRILI, NIGL, RICO3, SCTE, SEMI, BAPI, OPLI3, PIMI, CAMA24, VECA, PHRA2, ARCA11, SODO**

Series 1 Notes **Mexican Elderberry dominant tree forming an intermittent canopy over a continuous shrub and herbaceous layer; on E & W banks throughout site; California Sagebrush & Nightshade (& other scrub species) occur just upland from channel banks.**

Plant Series 2 **Eucalyptus Series**

Series 2 Associates **EUGL, ARCA11, PHRA2, OPFI, RICO3**

Series 2 Notes **Eucalyptus sole tree forming continuous canopy w/sparse understory of scrub species; occurs on the upper west bank; planted in row along cahnnel banks.**

Plant Series 3 **N/A**

Series 3 Associates

Series 3 Notes **Sites 9 & 10 were mapped on the same data sheet; Series 1 & 2 make up Site 9, while Series 1, 3, & 4 make up Site 10.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **10** Crew Names **Mark Rains, David Magney, & Cher Wellonen** Date **17-Mar-99**

Site Location **Fox Baranca, at Barylwood Road bridge crossing, down-gradient**

Latitude **N34° 17.094'** Longitude **W119° 01.403'**

Plant Series 1 **Mexican Elderberry Series**

Series 1 Associates **SAME5, URDIH, PRILI, NIGL, RICO3, SCTE, SEMI, BAPI, OPLI3, PIMI, CAMA24, VECA, PHRA2, ARCA11, SODO**

Series 1 Notes **Mexican Elderberry dominant tree forming an intermittent canopy over a continuous shrub and herbaceous layer; California Sagebrush & Nightshade (& other scrub species) occur just upland from channel on the W bank.**

Plant Series 2 **N/A**

Series 2 Associates

Series 2 Notes **Sites 9 & 10 were mapped on the same data sheet; Series 1 & 2 make up Site 9, while Series 1, 3, & 4 make up Site 10.**

Plant Series 3 **Big Saltbush Series**

Series 3 Associates **ATLEB, PHRA2, BAPI, NIGL, ARCA11**

Series 3 Notes **Big Saltbush dominant shrub w/only scattered associates; forming an intermittent canopy over a sparse understory; most of this site is cleared of native riparian vegetation and Eucalyptus trees for flood control purposes.**

Plant Series 4 **California Sagebrush-Giant Wildrye Series**

Series 4 Associates **ARCA11, LECO, CAED3, MAPA5, MASA2, ASFA, SCCA2, BRMAR, BRDI3**

Series 4 Notes **Disturbed vegetation along road; CA Sagebrush & Giant Wildrye look as though they dominated the shrub canopy before the disturbance; forming intermittent canopy over a native & non-native mixed continuous groundlayer .**



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **18** Crew Names **Mark Rains & Cher Wellonen** Date **18-Mar-99**

Site Location **Arroyo Simi, near Simi Recycling Center**

Latitude **N34° 16.964'** Longitude **W118° 48.429'**

Plant Series 1 **Mixed Willow Series (Riparian Scrub)**

Series 1 Associates **SALA6, SALA, SASE3, BASA, TYAN, POMO5, VEAN2, COCO7, RONA, ATLEB, NIGL, RICO3, MEAL2, HIIN3, URDIH, XAST, VISA**

Series 1 Notes **3 Willows equally imp; continuous shrub canopy w/Mulefat & Cattail as important associates; dense ground layer of predominantly riparian herbs; occurs along both flatter active channel banks below the steep banks/cliffs eroded by the stream.**

Plant Series 2 **Mixed Willow Series (Riparian Woodland)**

Series 2 Associates **SALA6, SALA, SASE, POBAT, SAME5, BASA, ATLEB, NIGL, RICO3, ARDO4**

Series 2 Notes **3 Willows equally imp; continuous tree canopy in narrow floodplain; Cottonwood/Mulefat/Elderberry important associates; shrubs sparse below; on N side of channel; cleared/filled, creating exposed ground immediately N of narrow riparian corridor.**

Plant Series 3 **Arroyo Willow Series**

Series 3 Associates **SALA6, BAPI, SAME5, ATLEB, SOXA, URDIH, POBAT**

Series 3 Notes **Mature, well-established Arroyo Willows dominate the intermittent woodland canopy w/Black Cottonwood and Blue Elderberry as important tree canopy associates; Coyote Brush forms the shrub layer; series occurs upland, on cliff edge, S of channel.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **20** Crew Names **Mark Rains & Cher Wellonen** Date **19-Mar-99**

Site Location **Sycamore Canyon at Wood Ranch**

Latitude **N34° 13.646'** Longitude **W118° 48.298'**

Plant Series 1 **California Sycamore Series**

Series 1 Associates **PLRA, SALA6, SAME5, PHMA, MALA**

Series 1 Notes **CA Sycamore dominant in canopy as widely spaced trees w/Arroyo Willow as important associate; canopy open, shrubs common, groundlayer grassy; occurs within the bed and banks of the channel.**

Plant Series 2 **California Annual Grassland Series**

Series 2 Associates **AMMEI, RUCR, HIIN3, ERMO7, SIMA3, HOMUG, BRDI3, MAPA5, CAPY2, MAVU, GNCA1, VELA, ANAR, AMPSC, ARDO3**

Series 2 Notes **Forms the groundlayer dominated by native & non-native annual grasses and herbs, occurs on gradual slopes consisting of deep soils; forms the herbaceous layer throughout the site.**

Plant Series 3 **Mixed Sage Series**

Series 3 Associates **SALE3, SAAP2, ARCA11, MIAU, CAMA24, URDIH, PHRA2, BAPI, TODI, OPLI3, SOXA, MAFA3**

Series 3 Notes **Purple & White Sage/CA Sagebrush equally important shrubs w/other CSS species contributing to closed/intermittent canopy; ground layer grassy; under CA Sycamore Series; because drainage is ephemeral dry, has moved down into immediate channel.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **25** Crew Names **Mark Rains & Cher Wellonen** Date **30-Mar-99**

Site Location **Calleguas Creek at Las Posas Road, down-gradient (St. John's Seminary)**

Latitude **N34° 14.623'** Longitude **W119° 00.423'**

Plant Series 1 **Mixed Willow Series (Riparian Woodland)**

Series 1 Associates **SALA6, SALA, SAEX, ARDO4, BASA, RICO3, NIGL**

Series 1 Notes **3 Willows equally important contributors to the tree canopy w/Mulefat as an important associate; groundlayer sparse; occurs along lower east bank into the east side of the channel.**

Plant Series 2 **Mulefat-Ruderal Series**

Series 2 Associates **BASA, XAST, ATLEB, RICO3, ENCA, SOOL, RUCR, COMA2, CAMA24, MAPA5, POMO5, HIIN3, SALA, SALA6, VEAN2, NIGL, MEIN2, AVFA, MEAL2**

Series 2 Notes **Sandbar is inhabited by successional sapling riparian species (Mulefat) & several upland and rudral species (Sow Thistle); Mulefat will most likely dominate in later habitat establishment; occurs on E side in immediate channel on dry sandbar.**

Plant Series 3 **Mulefat-Giant Reed Series**

Series 3 Associates **ARDO4, BASA, NIGL, SAEX, ATLEB, HIIN3, BAPI, XAST, FOVU, ARCA11, SALA6, MAVU, ARDO3**

Series 3 Notes **Mulefat & Giant Reed co-dominate the herb/shrub canopy w/immature willows, upland shrubs, & non-native species as associates contributing to the ground layer; along entire west bank extending upland.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **33** Crew Names **Mark Rains & Cher Wellonen** Date **14-Jun-99**

Site Location **Revolon Slough at Confluence with Calleguas Creek**

Latitude **N34° 07.711'** Longitude **W119° 04.738'**

Plant Series 1 **Bulrush Series**

Series 1 Associates **SCCA, HIIN3, RICO3, NIGL, SALA6, VELA, URDIH, ARDO3, LELA2**

Series 1 Notes **Bulrush dominant in tall continuous herb canopy w/young Arroyo Willow, Mugwort, & several non-native species; occurs as large patch on the east bank of northern extension of site.**

Plant Series 2 **Giant Reed-Big Saltbush Series**

Series 2 Associates **ARDO4, ATLEB, BAPI, BASA**

Series 2 Notes **Giant Reed dominates the tall herb canopy, while Big Saltbush co-dominates as the shrub layer below the G. Reed, w/Coyote Brush & Mulefat as important associates; occurs as a large patch on the west bank at the southern extension of the site.**

Plant Series 3 **Riparian-Ruderal Scrub Series**

Series 3 Associates **BASA, OPLI3, RICO3, SALA6, NIGL, HIIN3, SOOL, APGR2, FOVU, ATLEB, URDIH, RASA2, COMA2, COCA5, TAMAR2, BAPI**

Series 3 Notes **Successional riparian scrub; invasive-exotic species (Tobacco, Fennel, Hemlock) co-existing/competing w/native riparian species (young Mulefat, Castor Bean, Arroyo Willow); no 1 dominant species present; occurs on both banks throughout site.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **34** Crew Names **Mark Rains & Cher Wellonen** Date **14-Jun-99**

Site Location **Calleguas Creek at Camarillo Regional Park**

Latitude **N34° 11.07'** Longitude **W119° 01.42'**

Plant Series 1 **Riparian-Ruderal Scrub Series**

Series 1 Associates **SIMA3, CAPY2, HIIN3, LEFI, SATR, AVBA, MAPA5, SOOL, BRNI, COCA5, LUSU3, BRMAR, VEAN2, RICO3, MEIN2, SALA6, SCCA, BASA, FOVU, PHCI, XAST**

Series 1 Notes **Successional riparian scrub; invasive-exotic species (mustard, Sweet Fennel, thistles) co-existing/competing w/native riparian species (young Mulefat, Bulrush, A. Willow); no 1 dominant species present; occurs on both banks throughout site.**

Plant Series 2 **Giant Reed-Arroyo Willow Series**

Series 2 Associates **SALA6, ARDO4, TYDO, SALA**

Series 2 Notes **Arroyo Willow & Giant Reed co-dominate the tall herb/scrub continuous canopy w/ Cattail & Red Willow as important associates; groundlayer sparse; occurs on both banks at the NE extension of the site.**

Plant Series 3 **Arroyo Willow Series**

Series 3 Associates **SALA6, SAEX, BASA, MALA, OPLI3, FOVU, NIGL, PIMI, POMO5, HIIN3, ARDO4, DAWR2, ISAR, RICO3, MASA2, CAMA24, BAPI**

Series 3 Notes **Arroyo Willow dominant in the continuous tree canopy w/Narrow-leaved Willow & Mulefat as important associates; ground layer scattered native & non-native herbs; occurs in floodplain area SE of levee/access road.**

Plant Series 4 **Southern Cattail-Arroyo Willow Series**

Series 4 Associates **TYDO, SALA6, SAEX, XAST, ARDO4, COCO7, RICO3, NIGL, HIIN3, VEAN2, ISAR**

Series 4 Notes **Southern Cattail & Arroyo Willow co-dominate the continuous scrub canopy w/Narrow-leaved Willow as an important associate; groundlayer composed of scattered native & non-native herbs; occurs on the NW bank adjacent to sandbar.**



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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



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Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
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Site # **38** Crew Names **Mark Rains & Cher Wellonen** Date **16-Jun-99**

Site Location **Corriganville, upper end of Arroyo Simi (movie set site)**

Latitude **N34° 16.094'** Longitude **W118° 38.895'**

Plant Series 1 **Mixed Willow Series (Riparian Woodland)**

Series 1 Associates **SALA6, BASA, SALA, PIEC, DAWR2, SOXA, POMO5, EPCI, VEAN2**

Series 1 Notes **Arroyo & Red Willow equally important in the continuous tree canopy w/Mulefat as an important associate; groundlayer of native & non-native herbs; occurs in channel on E side of bridge.**

Plant Series 2 **Coast Live Oak Series**

Series 2 Associates **QUAGA, PHRA2, HIIN3, BRDI3, MAVU, CLUN**

Series 2 Notes **Coast Live Oak dominant in intermittent/closed tree canopy; groundlayer composed of native & non-native herbs/grasses; occurs throughout site on adjacent upland slopes.**

Plant Series 3 **California Sagebrush-California Buckwheat Series**

Series 3 Associates **ARCA11, ERFA2, LOSC2, SAME3**

Series 3 Notes **CA Sagebrush & CA Buckwheat co-dominate the intermittent shrub canopy w/ Deerweed & Black Sage as important associates; Coastal Sage Scrub in openings below the Coast Live Oak Woodland; on N bank up from concrete bank.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **39** Crew Names **Mark Rains & Cher Wellonen** Date **16-Jun-99**

Site Location **Corrigan Park-uppermost Arroyo Simi; downsrtteam of site #37**

Latitude **N34° 16.039'** Longitude **W118° 38.989'**

Plant Series 1 **Arroyo Willow Series**

Series 1 Associates **SALA6, PRILI, MALA, TODI, PIMI, WARO**

Series 1 Notes **Arroyo Willow dominates the continuous tree canopy w/ upland scrub/shrubs (Holly-leaved Cherry, Sumac, Poison Oak) as important associates; sparse groundlayer composed primarily of native Smilo Grass; occurs in channel.**

Plant Series 2 **Coast Live Oak Series**

Series 2 Associates **QUAGA, MALA, MAVU, TODI**

Series 2 Notes **Coast Live Oak dominates the intermittent/closed tree canopy w/ Laurel Sumac as an important associate; groundlayer composed of White Horehound & Poison Oak; occurs throughout site upland of both banks.**

Plant Series 3 **N/A**

Series 3 Associates

Series 3 Notes

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **42** Crew Names **Mark Rains & Cher Wellonen** Date **16-Jun-99**

Site Location **Happy Camp Canyon**

Latitude **N34° 19.666'** Longitude **W118° 52.062'**

Plant Series 1 **California Walnut Series**

Series 1 Associates **JUCAC, SAME5, YUWH, NIGL, QUAGA, BASA, ENCA**

Series 1 Notes **California Walnut dominant in intermittent tree canopy w/Coast Live Oak & Blue Elderberry as important tree canopy associates; understory composed of Mulefat, Yucca, & CA Bush Sunflower; occurs on eastern upland slope adj. to the wide channel**

Plant Series 2 **Scalebroom Series**

Series 2 Associates **LESQ, SAME5, SAMA3, SALE3, ENCA, BRNI, CEME2, ARDO3, JUCAC, URDIH, ROCA2, CLUN, HIIN3, ERCO16, RICO3, MAFA3, ISAR, CAPY2, BASA, RUSAD, NIGL, ARCA11, SOXA, GNCA, VELA, MAVU, SODO, EUCH, PHCI, BAPI, ERFA2, CAMA24, HEGR7, ASDOP, CREC, AGEX, HOMUL**

Series 2 Notes **Scalebroom dom in cont. shrub canopy w/sages & Mulefat as imp assoc; emergent Elderberry/CA Walnut; groundlayer composed of variety of native & nonnative shrub & herb riparian/upland spp; species richness high; occurs throughout site w/in chann.**

Plant Series 3 **Coast Live Oak Series**

Series 3 Associates **QUAGA, YUWH, JUCAC, SAME5**

Series 3 Notes **Coast Live Oak dominant in the intermittent tree canopy w/CA Walnut & Blue Elderberry as importatn associates; understory composed of grassland and scattered Yucca in woodland openings; occurs on W upland slopes well out of wide channel.**

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **43** Crew Names **Mark Rains & Cher Wellonen** Date **17-Jun-99**

Site Location **Conejo Creek below (south of) Hwy 101**

Latitude **N34° 12.38'** Longitude **W118° 59.89'**

Plant Series 1 **Riparian-Ruderal Scrub Series**

Series 1 Associates **VEAN2, POMO5, POAME, URUR, URDIH, SALA6, PIMI, MEIN2, MEAL2, APGR2, HIIN3, XAST, TYPHA, RONA, COCA5, PIEC, COCO7, EPCI, CHMU2**

Series 1 Notes **Successional riparian scrub; non-native species (clovers, Celery, Summer Mustard, Ox Tongue) competing w/native riparian species (Arroyo Willow, Cattail); groundlayer herbaceous; no 1 dominant present; in sediment deposits in immed chan/ lower banks.**

Plant Series 2 **Ruderal Grassland Series**

Series 2 Associates **HIIN3, SOOL, SIMA3, PIEC, NIGL, RICO3, COMA2, URDIH, LASE, MAPA5, URUR, ERCI6**

Series 2 Notes **Dominated by non-native annual & perennial herbs (Summer Mustard important) along w/several non-native annual grass species; disturbed sites; occurs on the east bank; sprayed regularly.**

Plant Series 3 **N/A**

Series 3 Associates

Series 3 Notes

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # **45** Crew Names **Mark Rains & Cher Wellonen** Date **17-Jun-99**

Site Location **Potrero Road, Santa Monica Mountain Rec. Park (S branch Arroyo Conejo)**

Latitude **N34° 09.31'** Longitude **W118° 58.36'**

Plant Series 1 **California Walnut-Arroyo Willow Series**

Series 1 Associates **JUCAC, SALA6, COMA2, JUNCU, RUUR, RASA2, TODI, URDIH, RONA, LELA2, ANCAC, CYER, GNCA, STAL**

Series 1 Notes **California Walnut & Arroyo Willow co-dominant in closed tree canopy w/Poison Hemlock, Poison Oak, & Blackberry as important understory associates; groundlayer composed of native & non-native herbs; occurs immediately adj to and in channel.**

Plant Series 2 **Purple Needlegrass Series**

Series 2 Associates **NAPU, HOMUG, BRDI3, AVBA, LOMU, COMA2, PIEC, RUCR, LASE, HIIN3, SOAS, CAMA24, BRMAR, AMPSC, SIBE, BRHO**

Series 2 Notes **Purple Needlegrass dominates (at least 10%) the groundcover w/annual grasses, and native & non-native herbs as important associates; occurs more upland from channel on open dry flats.**

Plant Series 3 **N/A**

Series 3 Associates

Series 3 Notes

Plant Series 4 **N/A**

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes



**CALLEGUAS CREEK WATERSHED
ADVANCED IDENTIFICATION VEGETATION DATA SHEET**

Site # Crew Names Date

Site Location

Latitude Longitude

Plant Series 1

Series 1 Associates

Series 1 Notes

Plant Series 2

Series 2 Associates

Series 2 Notes

Plant Series 3

Series 3 Associates

Series 3 Notes

Plant Series 4

Series 4 Associates

Series 4 Notes

