

Site:	Aliso Creel		Aliso Creel		Arroyo Trabuco Creek		Temecula Creek		Rainbow Creek		Sandia Creek		Santa Margarita		Santa Margarita		Santa Margarita		Keys Creek		San I
	AC-PPD		AC-CCR		ATC-AP		TC-II5		RC-WGR		SC-SCR		SMR-WGF		SMR-DP		SMR-CP		KC-LR		SLRF
	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean
Taxonomic Richness	17	17	20	30	20	10	25	9	29	2	29	10	21	14	19	13	23	31	22	14	17
Cumulative Taxa	28		34		29		38		41		50		27		29		39		32		25
Percent Dominant Taxon	31	21	27	42	32	45	28	19	26	16	20	20	42	12	32	18	50	63	33	30	42
Ephemeroptera Taxa	2	35	2	0	2	50	3	22	2	69	2	25	3	22	2	25	1	87	1	0	2
Plecoptera Taxa	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	-	1	0	0
Trichoptera Taxa	1	87	0	173	2	25	4	31	4	16	8	25	5	12	3	0	1	0	4	25	3
EPT Taxa	2	49	2	25	4	13	6	24	5	29	10	24	7	8	5	11	2	49	6	17	5
Cumulative EPT Taxa	3		3		7		8		7		15		8		6		4		8		7
EPT Index (%)	27	59	35	35	17	41	32	49	37	41	57	24	72	2	44	12	7	83	60	16	59
Sensitive EPT Index (%)	0	-	0	-	1	25	0	173	0	-	15	13	0	87	0	-	3	93	25	20	0
Shannon Diversity	1.9	15	2.2	17	2.1	13	2.3	12	2.5	2	2.7	1	2.0	10	2.1	8	1.9	54	2.2	5	1.7
Tolerance Value	6.1	7	5.9	7	5.5	4	5.3	8	5.3	6	4.6	15	4.6	2	4.7	2	6.2	17	4.2	8	5.2
Percent Intolerant Taxa (0-2)	0	-	0	-	0	-	0	173	0	173	11	26	9	34	3	66	0	-	25	19	0
Percent Tolerant Taxa (8-10)	38	40	20	72	7	37	9	116	12	50	5	121	2	67	3	53	30	82	3	70	9
Percent Chironomidae	1	68	7	65	31	64	21	82	11	58	2	107	3	118	1	107	8	88	6	23	27
Percent Collectors	70	31	68	28	34	29	28	25	15	24	45	43	58	7	21	23	63	49	15	20	82
Percent Filterers	4	143	9	142	31	63	39	48	51	24	26	72	30	12	41	17	20	104	47	15	15
Percent Grazers	3	20	4	87	17	31	0	173	6	48	18	22	4	29	0	173	0	110	2	37	0
Percent Predators	23	79	19	16	17	26	31	71	24	49	9	12	7	30	38	6	16	64	13	26	3
Percent Shredders	0	-	0	87	1	34	2	72	3	36	2	119	0	-	0	-	1	87	24	21	0
Abundance (#/ sample)	1751	28	779	19	7719	69	1299	26	1878	42	4028	25	3818	46	2154	56	2310	129	1005	63	2916

	San Luis Rey R. 1-PG		San Luis Rey R. SLRR-395		San Luis Rey R. SLRR-MR		San Luis Rey R. SLRR-FR		Loma Alta Cr. LAC-CB		Buena Vista Cr. BVR-ED		Buena Vista Cr. BVR-SVW		Agua Hedionda AHC-ECR		San Marco SMC-SP		
	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV
Taxonomic Richness	9	26	28	26	23	9	29	14	18	21	11	10	46	14	26			15	37
Cumulative Taxa		45		43		16		22		26		18		21				26	
Percent Dominant Taxon	10	37	37	33	30	87	4	64	24	31	33	73	19	44	49			47	28
Ephemeroptera Taxa	0	2	49	2	35	0	-	0	-	2	35	1	43	1	100			1	87
Plecoptera Taxa	173	0	-	0	-	0	-	0	-	0	-	0	-	0	-			0	-
Trichoptera Taxa	0	2	35	4	16	0	-	0	-	1	43	1	0	0	173			0	-
EPT Taxa	11	4	25	5	11	0		0	-	3	33	2	25	1	87			1	87
Cumulative EPT Taxa		5		8		0		0		4		3		3				2	
EPT Index (%)	10	16	62	30	43	0	-	0	-	22	50	9	46	1	96			3	100
Sensitive EPT Index (%)	100	0	-	6	113	0	-	0	-	0	-	0	-	0	-			0	-
Shannon Diversity	8	2.1	14	2.3	8	0.5	23	1.3	33	2.3	7	1.0	39	1.7	29			1.8	15
Tolerance Value	3	7.5	14	5.8	1	9.4	2	6.9	12	6.3	5	7.2	5	7.2	8			7.0	14
Percent Intolerant Taxa (0-2)	43	0	-	0	-	0	173	0	-	0	-	0	-	0	-			0	-
Percent Tolerant Taxa (8-10)	50	60	27	16	34	88	5	64	43	29	35	74	18	65	27			55	55
Percent Chironomidae	15	7	78	14	82	1	89	2	95	14	32	15	65	13	76			26	107
Percent Collectors	5	48	44	47	25	89	3	67	40	79	5	93	5	63	10			81	15
Percent Filterers	32	36	49	29	72	0	98	1	34	1	27	3	155	17	33			7	64
Percent Grazers	173	3	26	1	67	2	89	0	-	8	6	2	74	1	89			0	-
Percent Predators	17	12	51	23	67	8	45	33	80	12	26	2	136	19	38			11	67
Percent Shredders	-	1	56	0	173	0	-	0	-	0	-	0	-	0	-			1	88
Abundance (#/ sample)	41	687	54	1970	52	2203	12	4378	83	1905	41	7258	31	975	39			245	112

Site:	San Marcos Cr.	San Marcos Cr.	San Marcos Cr.	Encinitas Cr.	Escondido Cr.	Escondido Cr.	Los Penasquitos	Los Penasquitos	Carrol Canyon
	SMC-M	SMC-RSFI	SMC-LCC	ENC-GVR	EC-HRB	EC-EF	LPC-CCR	LPC-BMR	CCC-805
	Mean CV	Mean CV	Mean CV	Mean CV	Mean CV	Mean CV	Mean CV	Mean CV	Mean CV
Taxonomic Richness	20 8	18 10	23 18	15 17	14 4	14 7	20 13	21 32	19 14
Cumulative Taxa	28	32	35	25	21	20	29	33	29
Percent Dominant Taxon	21 8	56 53	35 11	36 40	39 23	50 26	28 30	34 43	40 28
Ephemeroptera Taxa	2 0	0 173	1 87	0 -	1 0	2 50	2 0	2 0	2 25
Plecoptera Taxa	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Trichoptera Taxa	1 0	1 87	1 0	0 173	1 100	2 25	2 49	2 50	2 35
EPT Taxa	3 0	1 100	2 35	0 173	2 50	4 13	4 27	4 25	4 0
Cumulative EPT Taxa	3	3	2	1	3	6	5	5	6
EPT Index (%)	26 29	0 87	6 62	0 173	41 27	80 9	46 50	35 62	28 82
Sensitive EPT Index (%)	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Shannon Diversity	2.4 4	1.6 47	2.1 13	1.9 11	1.8 10	1.5 14	2.3 8	2.1 18	2.0 18
Tolerance Value	6.4 14	7.4 12	6.6 4	6.8 10	5.8 7	4.6 3	5.5 18	6.1 12	5.5 5
Percent Intolerant Taxa (0-2)	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -	0 -
Percent Tolerant Taxa (8-10)	43 45	63 40	38 16	43 54	28 24	3 75	16 -	18 54	14 44
Percent Chironomidae	19 66	27 72	34 22	26 37	18 35	8 29	14 21	4 55	17 33
Percent Collectors	74 9	80 17	74 16	67 37	91 2	29 22	47 36	37 24	49 64
Percent Filterers	14 50	10 64	5 73	24 109	4 37	62 19	28 35	46 36	24 85
Percent Grazers	2 17	0 173	5 44	3 43	2 138	2 136	1 88	3 54	1 122
Percent Predators	9 32	9 82	15 76	6 78	3 53	6 65	24 35	13 53	27 45
Percent Shredders	0 87	1 173	1 133	0 -	0 -	0 44	0 97	0 173	0 -
Abundance (#/ sample)	904 34	837 90	3260 102	1032 104	4093 51	2764 7	1119 59	696 86	1243 20

Site:	San Diego R.		San Diego R.		San Diego R.		Tecolote Creek		Sweetwater River		Sweetwater River		Sweetwater River	
	SDR-MD		SDR-MT		SDR-1		TC-TCNP		SR-79		SR-94		SR-WS	
	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV
Taxonomic Richness	19	24	21	19	14	57	18	15	36	14	20	23	25	5
Cumulative Taxa	26		31		23		26		54		35		36	
Percent Dominant Taxon	28	20	24	13	60	54	37	31	24	19	30	47	34	17
Ephemeroptera Taxa	2	35	2	25	1	87	0	-	2	25	0	-	1	87
Plecoptera Taxa	0	-	0	-	0	-	0	-	4	16	0	-	0	-
Trichoptera Taxa	1	87	3	35	0	-	2	35	4	50	0	173	0	-
EPT Taxa	2	25	6	27	1	87	2	35	10	20	0	173	1	87
Cumulative EPT Taxa	4		7		1		2		14		1		1	
EPT Index (%)	2	49	49	40	4	101	15	69	31	39	0	173	0	87
Sensitive EPT Index (%)	0	-	0	-	0	-	0	87	18	64	0	-	0	-
Shannon Diversity	2.3	6	2.2	9	1.4	78	1.9	12	2.8	7	2.2	24	2.3	7
Tolerance Value	7.3	5	5.1	8	6.5	7	6.2	4	5.2	17	7.3	8	6.9	2
Percent Intolerant Taxa (0-2)	0	-	0	-	0	-	0	-	18	65	0	-	0	-
Percent Tolerant Taxa (8-10)	51	12	10	90	26	86	13	77	20	99	63	23	36	10
Percent Chironomidae	6	23	1	22	3	105	49	30	15	78	2	126	11	51
Percent Collectors	34	30	30	26	27	87	56	33	57	33	49	18	32	40
Percent Filterers	41	27	31	25	62	50	17	97	6	110	8	173	41	50
Percent Grazers	4	81	2	64	5	150	16	70	12	77	14	89	1	43
Percent Predators	21	27	36	39	6	79	11	66	19	46	28	22	24	61
Percent Shredders	1	173	2	137	0	-	0	115	7	35	0	87	1	35
Abundance (#/ sample)	3172	21	1615	42	4920	79	1338	50	3190	65	264	42	793	31