

Site:	Aliso Creek		Arroyo Trabuco		San Juan Creek		Murrieta Creek		Temecula Creek		Rainbow Creek		Sandia Creek		Sandia Creek		Santa Mar	
	AC-CCR		ATC-AP		SJC-74		MC-GS		TC-II5		RC-WGR		SC-DR		SC-SCR		SMR-WG	
	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV
Taxonomic Richness	17	6	18	15	19	8	21	3	19	6	16	18	32	9	26	15	19	8
Cumulative Taxa	26		28		31		31		25		27		48		40		28	
Percent Dominant Taxon	40	16	34	18	38	42	39	22	36	12	26	18	19	28	24	31	39	31
Ephemeroptera Taxa	2	0	2	0	3	22	3	22	2	49	1	43	2	25	3	33	3	17
Plecoptera Taxa	0	-	0	-	0	-	0	-	0	-	0	-	1	87	0	-	0	-
Trichoptera Taxa	1	0	0	-	1	87	2	50	4	16	0	173	6	18	6	20	4	16
EPT Taxa	3	0	2	0	3	17	5	33	6	29	2	69	9	6	9	7	7	14
Cumulative EPT Taxa	3		2		4		7		7		3		14		11		8	
EPT Index (%)	23	4	60	23	50	26	36	53	19	58	7	95	29	26	59	29	62	27
Sensitive EPT Index (%)	0	-	0	-	0	-	0	118	0	-	0	173	6	30	7	65	0	-
Shannon Diversity	1.8	4	1.8	13	1.9	12	2.0	6	1.9	3	2.0	12	2.8	5	2.4	17	2.0	9
Tolerance Value	5.8	3	5.0	5	5.0	2	6.2	11	5.6	2	6.7	17	5.5	12	4.9	4	5.5	9
Percent Intolerant Taxa (0-2)	0	-	0	-	0	-	0	-	0	-	0	173	7	3	0	173	1	89
Percent Tolerant Taxa (8-10)	14	23	5	128	9	46	37	60	5	25	42	64	28	48	5	80	16	95
Percent Chironomidae	19	57	15	27	12	29	14	18	66	11	36	64	26	48	22	47	9	43
Percent Collectors	54	14	83	10	64	17	79	6	46	16	59	14	52	6	51	28	66	23
Percent Filterers	41	15	10	60	2	77	16	25	45	18	16	137	21	25	34	57	20	71
Percent Grazers	1	38	2	65	0	112	2	9	1	60	16	85	12	41	4	72	7	26
Percent Predators	4	51	5	65	33	37	3	37	7	25	8	130	6	15	10	52	7	4
Percent Shredders	0	173	0	-	0	173	0	-	0	173	1	34	6	16	1	57	0	173
Abundance (#/ sample)	702	28	1538	36	2266	40	2167	56	5050	54	1467	66	1965	54	1691	52	4523	57

Site:	Santa Margarita		Santa Margarita		Keys Creek		San Luis Rey R.		San Luis Rey R.		San Luis Rey R.		Loma Alta Cr.		Buena Vista	
	R	SMR-DP	SMR-CP	SMR-CP	KC-LR	KC-LR	SLRR-PG	SLRR-PG	SLRR-395	SLRR-395	SLRR-MR	SLRR-MR	LAC-ECR	LAC-ECR	BVR-SVW	BVR-SVW
	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV
Taxonomic Richness	16	25	16	11	30	9	20	26	21	7	15	37	18	11	13	8
Cumulative Taxa	31		22		46		35		29		22		29		18	
Percent Dominant Taxon	38	18	45	25	29	37	31	38	31	22	32	24	35	22	33	26
Ephemeroptera Taxa	3	33	5	11	1	0	3	33	1	0	3	0	0	173	1	100
Plecoptera Taxa	0	-	0	-	2	50	0	173	0	-	0	-	0	-	0	-
Trichoptera Taxa	2	49	1	87	4	13	5	12	0	173	0	-	0	173	1	87
EPT Taxa	5	11	6	17	7	8	8	25	1	43	3	0	1	87	2	69
Cumulative EPT Taxa	8		7		12		12		2		3		2		3	
EPT Index (%)	59	37	85	8	40	26	39	45	6	63	53	32	2	161	8	162
Sensitive EPT Index (%)	1	87	1	118	14	55	4	51	0	173	0	-	0	-	0	-
Shannon Diversity	1.8	7	1.7	9	2.5	5	2.1	14	2.2	12	1.9	9	2.1	7	1.9	14
Tolerance Value	5.2	6	4.6	4	4.8	3	5.9	4	6.3	10	5.5	3	7.2	6	7.1	9
Percent Intolerant Taxa (0-2)	0	-	0	-	15	47	4	51	0	173	0	-	0	-	0	-
Percent Tolerant Taxa (8-10)	7	68	8	27	5	52	21	22	32	72	11	23	58	23	55	33
Percent Chironomidae	23	72	4	61	34	43	25	46	56	40	8	67	20	55	37	37
Percent Collectors	74	17	88	2	48	27	67	16	67	15	70	15	73	16	69	20
Percent Filterers	22	48	4	82	24	54	29	38	29	33	29	34	5	107	23	72
Percent Grazers	1	130	3	144	3	46	2	67	0	-	0	-	3	124	7	147
Percent Predators	3	73	1	29	10	9	1	104	4	37	1	87	18	49	1	109
Percent Shredders	0	98	5	117	14	57	0	98	0	-	0	-	0	173	0	-
Abundance (#/ sample)	7662	9	883	13	1014	11	678	22	1163	22	803	64	389	58	1089	50

<i>Site:</i>	Agua Hedionda		San Marcos Cr.		San Marcos Cr.		Encinitas Creek		Encinitas Creek		Chicarita Creek		Escondido Cr.		Santa Ysabel Cr.		Rattlesna	
	AHC-ECR		SMC-M		SMC-LCCC		ENC-RSFR		ENC-GVR		CC-ECR		EC-EF		SYC-79		RC-HP	
	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV
Taxonomic Richness	21	15	17	9	24	16	15	49	15	32	13	28	17	12	22	25	16	4
Cumulative Taxa	29		23		42		27		25		20		25		39		21	
Percent Dominant Taxon	31	19	57	22	23	38	49	44	69	25	33	31	29	32	43	49	34	9
Ephemeroptera Taxa	2	0	2	0	2	25	0	-	0	-	2	0	3	22	4	31	2	0
Plecoptera Taxa	0	-	0	-	0	-	0	-	0	-	0	-	0	-	0	173	0	-
Trichoptera Taxa	1	173	1	0	1	87	1	87	0	-	1	0	4	0	2	0	1	0
EPT Taxa	3	43	3	0	4	16	1	87	0	-	3	0	7	9	6	17	3	0
Cumulative EPT Taxa	4		3		6		2		0		3		7		11		3	
EPT Index (%)	33	13	13	43	35	64	0	87	0	-	41	45	62	22	14	27	19	52
Sensitive EPT Index (%)	0	-	0	-	0	-	0	-	0	-	0	-	0	-	4	37	0	-
Shannon Diversity	2.2	2	1.5	21	2.4	12	1.6	40	1.3	46	1.9	2	2.1	7	1.9	23	2.0	6
Tolerance Value	6.2	6	7.2	5	6.0	11	7.9	12	6.1	1	5.5	2	4.9	2	5.8	1	6.2	5
Percent Intolerant Taxa (0-2)	0	-	0	-	0	173	0	-	0	-	0	173	0	-	5	30	0	-
Percent Tolerant Taxa (8-10)	39	24	71	18	26	64	76	37	9	44	3	80	1	83	9	24	36	41
Percent Chironomidae	15	33	11	87	14	12	16	143	78	17	34	32	15	57	35	56	43	53
Percent Collectors	77	11	94	0	60	11	78	29	16	41	52	28	46	12	26	25	59	21
Percent Filterers	15	46	3	59	17	80	10	128	79	12	25	64	31	15	62	14	5	67
Percent Grazers	0	98	1	65	6	129	1	173	2	83	9	138	4	55	7	30	25	74
Percent Predators	7	34	2	77	17	33	10	80	2	81	14	4	18	13	4	53	11	35
Percent Shredders	0	173	0	-	0	-	0	-	0	173	0	-	0	-	0	173	0	-
Abundance (#/ sample)	910	32	2451	35	1359	33	273	46	2002	46	2549	29	1584	26	###	87	###	18

Site:	lake Cr.	Carroll Canyon		San Diego R.		Tecolote Creek		Troy Canyon Cr.		Pine Creek		Cottonwood Cr.	
		CCC-805		SDR-MT		TC-TCNP		TCC-TC		PC-H80		CC-H80	
		Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV	Mean	CV
Taxonomic Richness		16	13	15	18	15	21	35	8	33	24	27	2
Cumulative Taxa		23		25		23		62		51		42	
Percent Dominant Taxon		28	19	34	17	45	16	45	53	18	26	22	15
Ephemeroptera Taxa		2	0	2	0	0	-	5	12	5	33	3	43
Plecoptera Taxa		0	-	0	-	0	-	2	49	0	173	2	69
Trichoptera Taxa		2	35	3	35	1	0	7	38	7	38	6	20
EPT Taxa		4	16	5	22	1	0	14	21	12	30	10	0
Cumulative EPT Taxa		4		6		1		23		19		16	
EPT Index (%)		50	12	39	37	2	34	27	48	45	8	43	16
Sensitive EPT Index (%)		0	-	0	-	0	-	19	51	19	32	31	20
Shannon Diversity		2.0	9	2.0	12	1.8	8	2.3	25	2.8	13	2.6	4
Tolerance Value		5.4	2	5.3	9	7.0	2	4.5	5	4.5	8	4.5	7
Percent Intolerant Taxa (0-2)		0	-	0	-	0	-	15	39	20	32	32	19
Percent Tolerant Taxa (8-10)		6	98	7	123	55	8	3	94	10	88	14	89
Percent Chironomidae		17	24	12	114	37	11	57	35	23	59	35	38
Percent Collectors		57	13	37	10	74	16	60	26	39	22	39	21
Percent Filterers		26	30	24	49	14	60	16	39	24	36	10	26
Percent Grazers		5	66	8	52	2	31	6	32	27	56	13	72
Percent Predators		12	19	31	58	10	33	8	37	10	69	12	45
Percent Shredders		0	173	0	173	0	173	11	74	1	91	27	22
Abundance (#/ sample)		###	17	###	31	###	50	###	76	###	43	4929	96