

**Table 3. Average yearly catch  $\pm$  S.D, CV. Mean of yearly average number of each species per trap per month by site history. Cross-correlation columns report the significant values: month lag of highest correlation, correlation ( $r$ ) and significance, \*  $p<0.1$ , \*\*  $p<0.05$ , \*\*\*  $p<0.01$ , \*\*\*\*  $p<0.001$ . Asterisks between reference and disturbed values indicate significant differences between mean abundance.**

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<b>ACARI</b>							
<b>Trombidiidae</b>	<b>40</b>	<b>0.047<math>\pm</math>0.044, 0.94</b>	*	<b>0.006<math>\pm</math>0.008, 1.33</b>	<b>0.007</b>		
(Trombidiidae) sp. 1	17	0.016 $\pm$ 0.015, 0.94		0.006 $\pm$ 0.008, 1.33	0.007		
(Trombidiidae) sp. 2	23	0.032 $\pm$ 0.044, 1.38		0	0		
<b>ARANEAE</b>							
<b>(Araneae)</b>							
(Araneae) sp. 1	7	0.009 $\pm$ 0.014, 1.56		0	0		
<b>Clubionidae</b>	<b>91</b>	<b>0.122<math>\pm</math>0.237, 1.94</b>		<b>0.037<math>\pm</math>0.046, 1.24</b>	<b>0.022</b>		
(Clubionidae) sp. 1	3	0.003 $\pm$ 0.004, 1.33		0	0		
(Clubionidae) sp. 2	6	0		0.005 $\pm$ 0.013, 2.6	0.022		
<i>Castianeira</i> sp. 1	82	0.118 $\pm$ 0.238, 2.02		0.031 $\pm$ 0.049, 1.58	0		
<b>Ctenizidae</b>	<b>123</b>	<b>0.087<math>\pm</math>0.054, 0.62</b>		<b>0.092<math>\pm</math>0.065, 0.71</b>	<b>0.007</b>		
(Ctenizidae) sp. 1	62	0.063 $\pm$ 0.042, 0.67	**	0.002 $\pm$ 0.006, 3.00	0	0, 0.504***	3, 0.481****
<i>Aposticus</i> sp. 1	61	0.024 $\pm$ 0.012, 0.50		0.089 $\pm$ 0.065, 0.73	0.007	3, -0.235*	2, 0.545****
<b>Dysderidae</b>							
<i>Dysdera crocata</i>	321	0.217 $\pm$ 0.166, 0.76		0.189 $\pm$ 0.108, 0.57	0.529	6, -0.295**	0, -0.460****
<b>Gnaphosidae</b>	<b>244</b>	<b>0.130<math>\pm</math>0.059, 0.45</b>		<b>0.265<math>\pm</math>0.189, 0.71</b>	<b>0.066</b>		
(Gnaphosidae) sp. 1	30	0.015 $\pm$ 0.011, 0.73		0.028 $\pm$ 0.041, 1.46	0		
(Gnaphosidae) sp. 2	96	0.052 $\pm$ 0.036, 0.69		0.115 $\pm$ 0.081, 0.70	0		
(Gnaphosidae) sp. 3	58	0.021 $\pm$ 0.024, 1.14		0.075 $\pm$ 0.101, 1.35	0	5, 0.316**	0, 0.193*
(Gnaphosidae) sp. 4	8	0.008 $\pm$ 0.012, 1.50		0.006 $\pm$ 0.014, 2.33	0		
(Gnaphosidae) sp. 8	6	0		0	0.044		
<i>Poecilochroa ocellata</i>	46	0.034 $\pm$ 0.029, 0.85		0.039 $\pm$ 0.025, 0.64	0.022		
<b>Lycosidae</b>	<b>871</b>	<b>0.527<math>\pm</math>0.234, 0.44</b>		<b>0.551<math>\pm</math>0.088, 0.16</b>	<b>1.044</b>		
(Lycosidae) sp. 1	344	0.189 $\pm$ 0.051, 0.27		0.179 $\pm$ 0.063, 0.35	0.684	5, 0.430***	6, -0.317****
(Lycosidae) sp. 2	86	0.050 $\pm$ 0.070, 1.40		0.112 $\pm$ 0.069, 0.62	0		
(Lycosidae) sp. 5	189	0.184 $\pm$ 0.299, 1.63		0.073 $\pm$ 0.109, 1.49	0	0, 0.210*	2, 0.285**
(Lycosidae) sp. 6	252	0.104 $\pm$ 0.066, 0.63		0.186 $\pm$ 0.167, 0.90	0.360	0, 0.208*	3, 0.495****

**Table 3. Continued.**

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<b>Oxyopidae</b>	<b>41</b>	<b>0.024±0.021, 0.88</b>		<b>0.053±0.041, 0.77</b>	<b>0</b>		
(Oxyopidae) sp. 1	37	0.021±0.024, 1.14		0.051±0.043, 0.84	0		
(Oxyopidae) sp. 3	4	0.003±0.007, 2.33		0.002±0.004, 2.00	0		
<b>Philodromidae</b>							
(Philodromidae) sp. 1	8	0.014±0.027, 1.93		0	0		
<i>Tibellus</i> sp. 1	4	0.002±0.004, 2.00		0.007±0.010, 1.43	0		
<b>Pholcidae</b>							
(Pholcidae) sp. 1	95	0.016±0.008, 2.00	**	0.152±0.091, 0.60	0.037	5, 0.286**	0, 0.298**
<b>Salticidae</b>							
(Salticidae) sp. 1	141	0.123±0.120, 0.97		0.091±0.019, 0.21	0.037	2, -0.232*	0, 0.505****
<b>Thomisidae</b>							
<i>Xysticus</i> sp. 1	97	0.067±0.048, 0.72		0.083±0.074, 0.89	0.037	0, 0.328**	0, -0.198*
<b>OPILIONES</b>							
<b>Opilionidae</b>							
<i>Opiliones</i> sp. 1	899	0.523±0.240, 0.45		0.715±0.470, 0.66	0.963	3, 0.500***	2, -0.581****
<b>PSEUDOPSCORPIONES</b>							
<b>(Pseudoscorpiones)</b>							
(Pseudoscorpiones) sp. 1	16	0.016±0.010, 0.63		0.006±0.013, 2.17	0		
<b>SCORPIONES</b>							
<b>Vejovidae</b>	<b>264</b>	<b>0.281±0.134, 0.48</b>	***	<b>0.052±0.054, 1.04</b>	<b>0.044</b>		
(Vejovidae) sp. 1	3	0.004±0.008, 2.00		0.003±0.007, 2.33	0		
<i>Anuroctonus phaiodactylus</i>	21	0.022±0.025, 1.14	*	0	0		
<i>Paruroctonus silvestrii</i>	240	0.256±0.124, 0.48	***	0.049±0.048, 0.97	0.044	6, 0.441***	0, 0.675****
<b>SOLFUGAE</b>							
<b>Solpugidae</b>							
<i>Eremobates</i> sp. 1	227	0.090±0.035, 0.39	***	0.232±0.074, 0.32	0.205	1, -0.359**	0, 0.664****
<b>GEOPHILOMORPHA</b>							
<b>(Geophilomorpha)</b>							
(Geophilomorpha) sp. 1	9	0.007±0.007, 1.00		0.006±0.006, 1.00	0		
<b>LITHOBIOMORPHA</b>							
<b>Lithobiidae</b>							
<i>Lithobius</i> sp. 1	34	0.010±0.012, 1.30		0.025±0.030, 1.20	0.123		

**Table 3. Continued.**

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<b>SCOLOPENDROMORPHA</b>							
<b>Scolopendridae</b>	<b>67</b>	<b>0.015±0.011, 0.73</b>		<b>0.083±0.105, 1.24</b>	<b>0.066</b>		
<i>Scolopendra</i> sp. 1	45	0.012±0.007, 0.58	***	0.047±0.032, 0.68	0.066		
<i>Scolopendra</i> sp. 3	22	0.003±0.006, 2.00		0.036±0.081, 2.25	0		
<b>SCUTIGEROMORPHA</b>							
<b>Scutigera</b>							
<i>Scutigera</i> sp. 1	8	0.009±0.009, 1.00	*	0	0		
<b>SPIROBOLIDA</b>							
<b>Spirobolidae</b>							
(Spirobolidae) sp. 1	163	0.080±0.058, 0.73		0.125±0.035, 0.28	0.228	0, 0.572****	3, 0.533****
<b>COLLEMBOLA</b>							
<b>Entomobryidae</b>							
(Entomobryidae) sp. 1	1580	0.341±0.247, 0.72	**	1.919±1.407, 0.73	2.176	2, 0.440**	5, 0.469****
<b>Poduridae</b>							
<i>Podura aquatica</i>	291	0		0.805±1.361, 1.69	0		
<b>Sminthuridae</b>							
(Sminthuridae) sp. 1	414	0.148±0.143, 0.97		0.539±0.550, 1.02	0	6, -0.203*	
<b>COLEOPTERA</b>							
<b>Bruchidae</b>	<b>6</b>	<b>0.006±0.006, 1.00</b>		<b>0.003±0.007, 2.33</b>	<b>0</b>		
(Bruchidae) sp. 1	5	0.005±0.007, 1.40		0.003±0.007, 2.33	0		
(Bruchidae) sp. 2	1	0.001±0.002, 2.00		0	0		
<b>Cantharidae</b>							
(Cantharidae) sp. 1	7	0.003±0.004, 1.33		0.009±0.016, 1.78	0		
<b>Carabidae</b>	<b>5986</b>	<b>3.767±1.327, 0.35</b>		<b>2.657±1.476, 0.55</b>	<b>7.949</b>		
(Carabidae) sp. 1	26	0.024±0.049, 2.04		0.004±0.009, 2.25	0		
(Carabidae) sp. 2	91	0.008±0.015, 1.88		0	0.618		
(Carabidae) sp. 3	177	0.007±0.016, 2.29		0.224±0.386, 1.72	0.346		
(Carabidae) sp. 5	47	0		0.027±0.060, 2.22	0.243		
(Carabidae) sp. 8	1	0		0	0.007		
<i>Amara</i> sp. 1	65	0.026±0.030, 1.15		0.054±0.050, 0.93	0.073	0, 0.251*	5, 0.459****
<i>Bembidion</i> sp. 1	3	0.003±0.007, 2.33		0.003±0.007, 2.33	0		
<i>Calathus ruficollis</i>	4263	2.856±1.074, 0.38	*	1.585±0.695, 0.44	5.816	0, 0.557****	3, 0.498****
<i>Calosoma</i> sp. 1	35	0.030±0.042, 1.40		0.006±0.006, 1.00	0.022		

**Table 3. Continued.**

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<i>Pterostichus</i> sp. 1	1278	0.811±0.450, 0.55		0.754±0.410, 0.54	0.824	0, 0.559****	0, -0.567****
<b>Chrysomelidae</b>							
(Chrysomelidae) sp. 2	1	0.001±0.002, 2.00		0	0		
<b>Colydiidae</b>	<b>63</b>	<b>0.039±0.041, 1.05</b>		<b>0.066±0.068, 1.03</b>			
(Colydiidae) sp. 3	36	0.013±0.018, 1.38		0.051±0.070, 1.38	0		
(Colydiidae) sp. 4	25	0.023±0.023, 1.00		0.011±0.021, 1.91	0		
<i>Anchomma costatum</i>	2	0.002±0.004, 2.00		0.003±0.007, 2.33	0		
<b>Coccinellidae</b>							
<i>Hippodamia convergens</i>	1	0		0	0.007		
<b>Curculionidae</b>	<b>75</b>	<b>0.057±0.035, 0.61</b>		<b>0.037±0.017, 0.45</b>	<b>0.022</b>		
(Curculionidae) sp. 1	11	0.009±0.009, 1.00		0.009±0.012, 1.33	0		
(Curculionidae) sp. 2	19	0.008±0.015, 1.88		0.022±0.011, 0.50	0.007		
(Curculionidae) sp. 3	2	0		0	0.015		
<i>Trigonoscuta</i> sp. 1	43	0.040±0.023, 0.58	**	0.007±0.011, 1.57	0		
<b>Elateridae</b>	<b>359</b>	<b>0.183±0.108, 0.59</b>		<b>0.442±0.294, 0.66</b>	<b>0.059</b>		
(Elateridae) sp. 2	1	0.001±0.002, 2.00		0	0		
(Elateridae) sp. 4	318	0.162±0.095, 0.59		0.400±0.290, 0.73	0	3, 0.574****	2, -0.483****
(Elateridae) sp. 5	34	0.019±0.016, 0.84		0.042±0.049, 1.17	0.014		
(Elateridae) sp. 8	6	0		0	0.044		
<b>Euglenidae</b>							
(Euglenidae) sp. 1	1	0.002±0.004, 2.00		0	0		
<b>Histeridae</b>	<b>27</b>	<b>0.015±0.015, 1.00</b>		<b>0.027±0.022, 0.81</b>	<b>0.007</b>		
(Histeridae) sp. 1	2	0		0.004±0.008, 2.00	0		
(Histeridae) sp. 2	16	0.008±0.010, 1.25		0.021±0.019, 0.90	0		
(Histeridae) sp. 3	8	0.008±0.013, 1.63		0.002±0.004, 2.00	0		
(Histeridae) sp. 5	1	0		0	0.007		
<b>Lathridiidae</b>	<b>7</b>	<b>0.004±0.004, 1.00</b>		<b>0.011±0.020, 1.82</b>			
(Lathridiidae) sp. 1	5	0.004±0.004, 1.00		0.005±0.007, 1.40	0		
(Lathridiidae) sp. 2	2	0		0.006±0.014, 2.33	0		
<b>Melyridae</b>							
(Melyridae) sp. 1	2	0.004±0.008, 2.00		0	0		
<b>Mordellidae</b>							
(Mordellidae) sp. 1	6	0.006±0.009, 1.50		0.002±0.004, 2.00	0		

**Table 3. Continued.**

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<b>Phenogodidae</b>							
(Phenogodidae) sp. 1	9	0.005±0.006, 1.20		0.009±0.010, 1.11	0		
<b>Ptinidae</b>							
<i>Ptinus fur</i>	129	0.100±0.082, 0.82	**	0.013±0.016, 1.23	0.176	3, 0.682****	3, -0.434****
<b>Scarabaeidae</b>							
<i>Serica</i> sp. 1	47	0.024±0.015, 0.63		0.020±0.014, 0.70	0.123		
<b>Silphidae</b>							
<i>Necrophilus</i> sp. 1	4	0.005±0.008, 1.60		0	0		
<b>Staphylinidae</b>	<b>1114</b>	<b>1.165±0.472, 0.41</b>	<b>***</b>	<b>0.202±0.040, 0.20</b>	<b>0.110</b>		
(Staphylinidae) sp. 1	283	0.256±0.504, 1.97		0.026±0.039, 1.50	0.029	4, 0.191*	3, -0.238**
(Staphylinidae) sp. 2	74	0.052±0.069, 1.33		0.038±0.006, 0.16	0.022		6, 0.187*
(Staphylinidae) sp. 3	102	0.076±0.053, 0.70		0.042±0.045, 1.07	0.037	1, 0.275*	3, 0.271**
(Staphylinidae) sp. 4	3	0		0	0.022		
(Tachyporinae) sp. 1	652	0.777±0.657, 0.84	*	0.096±0.079, 0.82	0	2, 0.350**	2, -0.307**
<b>Tenebrionidae</b>	<b>7737</b>	<b>5.941±2.440, 0.41</b>		<b>5.417±2.331, 0.43</b>	<b>2.750</b>		
(Tenebrionidae) sp. 1	53	0.008±0.008, 1.00		0.099±0.114, 1.15	0		
(Tenebrionidae) sp. 2	76	0.051±0.037, 0.73		0.062±0.049, 0.79	0	4, 0.588****	4, -0.417****
(Tenebrionidae) sp. 3	6	0.004±0.008, 2.00		0.005±0.007, 1.40	0		
(Tenebrionidae) sp. 4	4	0.004±0.006, 1.50		0.003±0.007, 2.33	0		
(Tenebrionidae) sp. 7	1	0		0	0.007		
<i>Coniontis</i> sp. 1	191	0.041±0.015, 0.37	**	0.322±0.228, 0.71	0.066	5, 0.475***	0, 0.568****
<i>Coniontis</i> sp. 2	8	0		0.004±0.009, 2.25	0.044		
<i>Cratidus osculans</i>	1635	0.676±0.390, 0.58	**	2.136±0.934, 0.44	0.728	2, 0.703****	1, -0.486****
<i>Eleodes acuticauda</i>	529	0.325±0.393, 1.21		0.568±0.169, 0.30	0.324	4, 0.187*	4, -0.362***
<i>Eleodes dillaticollis</i>	88	0.106±0.152, 1.43		0.049±0.072, 1.47	0		
<i>Eleodes gracilis distans</i>	652	0.147±0.195, 1.33		0.930±0.709, 0.76	0.588	6, 0.264*	
<i>Eleodes laticollis</i>	2714	2.780±1.277, 0.46	*	1.037±1.196, 1.15	0.066	0, -0.321**	0, 0.476****
<i>Eleodes</i> sp. 2	181	0.209±0.282, 1.35		0.104±0.152, 1.46	0		
<i>Nyctoporus carinata</i>	1594	1.585±0.508, 0.32	***	0.096±0.030, 0.31	0.904	4, 0.666****	3, -0.517****
<i>Phloeodes</i> sp. 1	5	0.005±0.010, 2.00		0.003±0.006, 2.00	0		
<b>DERMAPTERA</b>							
<b>Forficulidae</b>							
<i>Forficula auricularia</i>	3158	1.102±0.208, 0.19	***	3.169±0.639, 0.20	5.154	2, 0.481****	1, -0.562****

Table 3. Continued.

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<b>DICTYOPTERA</b>							
<b>Blattellidae</b>							
<i>Parcoblatta</i> sp. 1	158	0.003±0.006, 2.00		0.347±0.102, 0.29	0		
<b>Mantidae</b>							
(Mantidae) sp. 1	1	0.002±0.004, 2.00		0	0		
<b>Polyphagidae</b>							
<i>Arenivaga</i> sp. 1	391	0.367±0.066, 0.18	***	0.096±0.039, 0.40	0.044	5, 0.436***	0, 0.533****
<b>DIPTERA</b>							
<b>Anthomyiidae</b>							
<b>Anthomyiidae</b>	<b>1268</b>	<b>0.599±0.366, 0.61</b>		<b>0.922±0.483, 0.52</b>	<b>1.757</b>		
(Anthomyiidae) sp. 1	148	0.014±0.010, 0.71	**	0.265±0.216, 0.82	0	0, 0.526***	0, -0.325***
(Anthomyiidae) sp. 2	852	0.478±0.414, 0.87		0.585±0.402, 0.69	0.610	5, 0.307**	3, -0.366***
(Anthomyiidae) sp. 3	111	0.104±0.072, 0.69		0.073±0.089, 1.22	0		2, -0.200*
(Anthomyiidae) sp. 4	122	0		0	0.897		
(Anthomyiidae) sp. 5	1	0.002±0.004, 2.00		0	0		
(Anthomyiidae) sp. 6	23	0		0	0.169		
(Anthomyiidae) sp. 8	11	0		0	0.081		
<b>Bombyliidae</b>							
<b>Bombyliidae</b>	<b>10</b>	<b>0.006±0.012, 2.00</b>		<b>0.015±0.020, 1.33</b>	<b>0</b>		
<i>Chrysanthrax</i> sp. 1	2	0.003±0.004, 1.33		0	0		
<i>Phthiria</i> sp. 1	8	0.003±0.007, 2.33		0.015±0.020, 1.33	0		
<b>Calliphoridae</b>							
<b>Calliphoridae</b>	<b>893</b>	<b>0.592±0.504, 0.85</b>		<b>0.412±0.451, 1.09</b>	<b>0.787</b>		
(Calliphoridae) sp. 3	107	0		0	0.787		
<i>Calliphora</i> sp. 1	779	0.591±0.526, 0.89		0.419±0.466, 1.11	0	2, 0.527***	2, -0.347***
<i>Calliphora</i> sp. 2	7	0.009±0.008, 0.89	*	0	0		
<b>Dolichopodidae</b>							
(Dolichopodidae) sp. 1	2	0.002±0.004, 2.00		0.003±0.007, 2.33	0		
<b>Empididae</b>							
(Empididae) sp. 1	7	0.011±0.024, 2.18		0.003±0.007, 2.33	0		
<b>Heleomyzidae</b>							
<b>Heleomyzidae</b>	<b>721</b>	<b>0.167±0.133, 0.80</b>		<b>0.554±0.600, 1.08</b>	<b>2.330</b>		
(Heleomyzidae) sp. 1	713	0.160±0.135, 0.84		0.516±0.616, 1.19	2.330	2, 0.374**	2, -0.330**
(Heleomyzidae) sp. 2	8	0.008±0.008, 1.00		0.002±0.004, 2.00	0		
<b>Muscidae</b>							
<i>Phaonia californica</i>	12	0		0	0.088		

Table 3. Continued.

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<b>Mycetophilidae</b>	<b>38</b>	<b>0.037±0.061, 1.65</b>		<b>0.033±0.046, 1.39</b>			
(Mycetophilidae) sp. 1	16	0.011±0.017, 1.55		0.011±0.015, 1.36	0		
(Mycetophilidae) sp. 2	22	0.027±0.060, 2.22		0.022±0.050, 2.27	0		
<b>Neriidae</b>	<b>48</b>	<b>0.024±0.024, 1.00</b>		<b>0.023±0.051, 2.22</b>	<b>0.081</b>		
(Neriidae) sp. 1	22	0.010±0.022, 2.20		0.023±0.051, 2.22	0		
(Neriidae) sp. 2	26	0.015±0.022, 1.47		0	0.081		
<b>Phoridae</b>	<b>1279</b>	<b>0.055±0.027, 0.49</b>		<b>2.27±3.65, 1.61</b>	<b>0.063</b>		
(Phoridae) sp. 1	1232	0.028±0.026, 0.93		2.231±3.623, 1.62	0.044	5, 0.255**	3, -0.251**
(Phoridae) sp. 2	31	0.014±0.014, 1.00		0.044±0.061, 1.39	0		
(Phoridae) sp. 3	14	0.012±0.013, 1.08		0.004±0.005, 1.25	0		
(Phoridae) sp. 4	2	0		0	0.015		
<b>Platystomatidae</b>							
(Platystomatidae) sp. 1	6	0.001±0.002, 2.00		0.003±0.007, 2.33	0.029		
<b>Rhagionidae</b>							
<i>Rhagio</i> sp. 1	13	0.008±0.018, 2.25		0.015±0.034, 2.27	0		
<b>Sarcophagidae</b>	<b>2182</b>	<b>1.434±0.802, 0.56</b>		<b>1.572±0.751, 0.48</b>	<b>2.119</b>		
(Sarcophagidae) sp. 1	474	0.293±0.169, 0.58		0.391±0.252, 0.64	0.044	4, 0.472***	4, -0.441****
(Sarcophagidae) sp. 2	1613	1.080±0.799, 0.44		1.126±0.523, 0.46	1.610	6, 0.359**	0, 0.610****
(Sarcophagidae) sp. 3	41	0.038±0.032, 0.84		0.026±0.022, 0.85	0		
(Sarcophagidae) sp. 4	1	0.002±0.004, 2.00		0	0		
(Sarcophagidae) sp. 5	61	0		0	0.449		
<i>Eumacronychia</i> sp. 1	21	0.025±0.036, 1.44		0.007±0.007, 1.00	0		
<i>Eumacronychia</i> sp. 2	1	0		0	0.007		
<b>Scatophagidae</b>							
(Scatophagidae) sp. 1	33	0.045±0.071, 1.58		0.008±0.012, 1.50	0		
<b>Scenopinidae</b>							
(Scenopinidae) sp. 1	1	0		0.003±0.007, 2.33	0		
<b>Tachinidae</b>	<b>56</b>	<b>0.018±0.017, 0.94</b>		<b>0.094±0.093, 0.99</b>	<b>0.008</b>		
(Tachinidae) sp. 1	10	0.012±0.019, 1.58		0.004±0.009, 2.25	0		
<i>Archytas</i> sp. 1	7	0	**	0.017±0.013, 0.76	0		
<i>Peleteria</i> sp. 1	39	0.006±0.009, 1.50		0.074±0.090, 1.22	0.008		
<b>Therevidae</b>	<b>16</b>	<b>0.004±0.004, 1.00</b>		<b>0.024±0.049, 2.04</b>	<b>0.040</b>		
(Therevidae) sp. 1	13	0.002±0.003, 1.50		0.021±0.042, 2.00	0.032		

**Table 3. Continued.**

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
(Therevidae) sp. 2	1	0.002±0.004, 2.00		0	0		
<i>Thereva nebulosa</i>	1	0		0	0.007		
<i>Nebritus</i> sp. 1	1	0		0.003±0.007, 2.33	0		
<b>Tipulidae</b>							
<i>Tipula planicornis</i>	14	0		0	0.103		
<b>HEMIPTERA</b>							
<b>Alydidae</b>							
<i>Alydus</i> sp. 1	7	0	**	0.016±0.013, 0.81	0		
<b>Cydnidae</b>							
(Cydnidae) sp. 1	58	0.063±0.067, 1.06		0.013±0.021, 1.62	0.036	5, 0.268**	4, -0.319***
<b>Lygaeidae</b>	<b>87</b>	<b>0.070±0.064, 0.91</b>		<b>0.045±0.026, 0.58</b>	<b>0</b>		
(Lygaeidae) sp. 4	2	0.004±0.008, 2.00		0	0		
(Lygaeidae) sp. 6	16	0.006±0.005, 0.83		0.019±0.022, 1.16	0		
(Lygaeidae) sp. 7	62	0.061±0.063, 1.03	*	0.004±0.006, 1.50	0	1, -0.212*	0, 0.292**
<i>Emblethis vicarius</i>	7	0.004±0.008, 2.00		0.016±0.035, 2.18	0		
<b>Reduviidae</b>	<b>53</b>	<b>0.055±0.046, 0.84</b>	*	<b>0.015±0.017, 1.13</b>	<b>0.024</b>		
(Reduviidae) sp. 2	43	0.044±0.028, 0.64	**	0.011±0.011, 1.00	0		
(Reduviidae) sp. 3	8	0.011±0.024, 2.18		0.004±0.006, 1.50	0		
(Reduviidae) sp. 4	1	0.001±0.002, 2.00		0	0		
(Reduviidae) sp. 6	1	0		0	0.024		
<b>HOMOPTERA</b>							
<b>Cicadellidae</b>	<b>36</b>	<b>0.013±0.023, 1.77</b>		<b>0.072±0.114, 1.58</b>	<b>0</b>		
(Cicadellidae) sp. 1	30	0.005±0.012, 2.40		0.072±0.114, 1.58	0		
(Cicadellidae) sp. 3	6	0.008±0.012, 1.50		0	0		
<b>Fulgoridae</b>							
(Fulgoridae) sp. 1	9	0.011±0.011, 1.00	*	0	0		
<b>HYMENOPTERA</b>							
<b>Apidae</b>	<b>63</b>	<b>0.039±0.021, 0.54</b>		<b>0.045±0.032, 0.71</b>			
<i>Apis mellifera</i>	11	0.013±0.012, 0.92		0.003±0.007, 2.33	0		
<i>Bombus edwardsi</i>	3	0.001±0.002, 2.00		0.005±0.007, 1.40	0		
<i>Bombus vosnosenskii</i>	49	0.025±0.018, 0.72		0.037±0.035, 0.95	0.051		
<b>Chalcididae</b>							
(Chalcididae) sp. 1	5	0.008±0.016, 2.00		0	0		



Table 3. Continued.

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
<b>Chrysididae</b>							
(Chrysididae) sp. 1	4	0.005±0.007, 1.40		0	0		
<b>Dryinidae</b>							
(Dryinidae) sp. 1	36	0.025±0.008, 0.32		0.026±0.025, 0.96	0.015		
<b>Formicidae</b>	<b>12907</b>	<b>6.644±1.711, 0.26</b>		<b>6.982±2.742, 0.39</b>	<b>30.992</b>		
(Formicidae) sp. 2	7	0.002±0.004, 2.00		0.019±0.043, 2.26	0		
(Formicinae) sp. 1	3	0		0.007±0.009, 1.29	0		
(Myrmicinae) sp. 1	4	0.007±0.016, 2.29		0	0		
<i>Camponotus</i> sp. 1	302	0.008±0.010, 1.25		0.549±1.007, 1.83	0.029		
<i>Crematogaster</i> sp. 1	185	0		0	1.360		
<i>Formica moki</i>	44	0.073±0.139, 1.90		0	0		
<i>Formica</i> sp. 1	33	0.054±0.105, 1.94		0	0		
<i>Linepithema humile</i>	11759	6.451±1.560, 0.24		6.071±2.795, 0.46	24.897	1, -0.394***	0, 0.509****
<i>Leptothorax andrei</i>	30	0.021±0.034, 1.62		0.046±0.081, 1.76	0		
<i>Pheidole</i> sp. 1	170	0.009±0.009, 1.00	***	0.195±0.169, 0.87	0.485		
<i>Pogonomyrmex californicus</i>	370	0.041±0.040, 0.98		0.012±0.017, 1.41	2.456		
<b>Halictidae</b>							
<i>Agapostemon texana</i>	3	0.004±0.008, 2.00		0.003±0.007, 2.33	0		
<b>Mutillidae</b>	<b>55</b>	<b>0.029±0.016, 0.55</b>		<b>0.024±0.027, 1.13</b>	<b>0.119</b>		
<i>Dasymutilla areola pacifica</i>	2	0.001±0.002, 2.00		0	0.007		
<i>Dasymutilla californica</i>	23	0.013±0.008, 0.62	*	0.003±0.005, 1.66	0.073		
<i>Spherophthalma</i> sp. 1	30	0.016±0.016, 1.00		0.021±0.028, 1.33	0.029		
<b>Pompilidae</b>							
(Pompilidae) sp. 1	157	0.099±0.035, 0.35		0.117±0.097, 0.83	0.088		
<b>Scoliidae</b>							
<i>Campsomeris</i> sp. 1	1	0		0	0.007		
<b>Tiphiidae</b>							
(Tiphiidae) sp. 1	2	0		0.006±0.014, 2.33	0		
<b>Vespidae</b>	<b>497</b>	<b>0.140±0.147, 1.05</b>		<b>0.964±1.182, 1.23</b>	<b>0</b>		
<i>Polistes aurifer</i>	2	0.002±0.004, 2.00		0.002±0.004, 2.00	0		
<i>Vespula</i> sp. 1	495	0.138±0.149, 1.08		0.964±1.182, 1.23	0		
<b>LEPIDOPTERA</b>							
<b>Arctiidae</b>	<b>52</b>	<b>0.026±0.018, 0.69</b>		<b>0.048±0.048, 1.00</b>	<b>0.037</b>		

**Table 3. Continued.**

Species	Total	Reference 1994–1998	P	Disturbed 1994–1998	Restored 1998	Cross-Corr (Precip)	Cross-Corr (Max Temp)
(Arctiidae) sp. 1 (larvae)	45	0.025±0.020, 0.80		0.048±0.048, 1.00	0		
(Arctiidae) sp. 7 (larvae)	7	0.002±0.005, 2.50		0	0.037		
<b>MICROCORYPHIA</b>							
<b>Machilidae</b>							
(Machilidae) sp. 1	2865	2.042±0.893, 0.44		2.170±0.757, 0.35	0.831	6, 0.602****	0, 0.717****
<b>ORTHOPTERA</b>							
<b>Gryllacrididae</b>							
<i>Ceuthophilus californianus</i>	<b>1025</b>	<b>0.880±0.332, 0.37</b>	*	<b>0.519±0.140, 0.27</b>	<b>0.294</b>		
<i>Stenopelmatus</i> sp. 1	456	0.394±0.189, 0.48		0.263±0.158, 0.60	0.125	0, -0.257**	3, -0.243**
<b>Gryllidae</b>	569	0.489±0.146, 0.30	**	0.256±0.103, 0.40	0.154	0, -0.403***	4, -0.450****
<i>Acheta domesticus</i>	<b>201</b>	<b>0.190±0.062, 0.32</b>	****	<b>0.034±0.018, 0.53</b>	<b>0.063</b>		
<i>Hoplosphyrum boreale</i>	2	0.001±0.003, 3.00		0.003±0.007, 2.33	0		
<i>Myrmecophila</i> sp. 1	179	0.177±0.064, 0.36	****	0.019±0.019, 1.00	0.051	3, -0.306**	2, 0.641****
<b>Tettigoniidae</b>	20	0.011±0.013, 1.18		0.012±0.007, 0.58	0.029		
<i>Neduba</i> sp. 1	1	0.002±0.004, 2.00		0	0		
<b>PSOCOPTERA</b>							
<b>Psocidae</b>							
(Psocidae) sp. 1	3	0.002±0.003, 1.50		0.003±0.007, 2.33	0		
<b>SIPHONAPTERA</b>							
<b>(Siphonaptera)</b>							
(Siphonaptera) sp. 1	2	0.003±0.004, 1.33		0	0		
<b>THYSANURA</b>							
<b>Lepismatidae</b>							
(Lepismatidae) sp. 1	<b>271</b>			<b>0.149±0.112, 0.75</b>	<b>0.022</b>		
<i>Allacrotelsa spinulata</i>	268	0.204±0.058, 0.28		0.149±0.112, 0.75	0.022	3, -0.423***	3, 0.557****
	3	0.005±0.011, 2.20		0	0		
<b>ISOPODA</b>							
<b>Oniscoidea</b>							
<i>Armadillidium vulgare</i>	5875	3.570±2.108, 0.59		4.141±3.246, 0.78	9.794	5, 0.340**	3, -0.488****
<i>Porcellio</i> sp. 1	1309	1.089±0.531, 0.48	*	0.529±0.392, 0.74	0.852	5, 0.412***	5, -0.182*
<i>Porcellio</i> sp. 2	1037	0.064±0.079, 1.23		0.061±0.011, 0.18	7.051		
<b>CLASS DIPLOPODA</b>							
(Diplopoda) sp. 1	1	0.001±0.002, 2.00		0	0		

**Table 4. Mean number of each arthropod species per trap by month (all sites not restored).**

Species	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>ACARI</b>												
<b>Trombidiidae</b>												
(Trombidiidae) sp. 1	0.010	0.032	0.018	0.006	0.030	0.005	0.015	0	0	0	0	0
(Trombidiidae) sp. 2	0.033	0.018	0.048	0.042	0.006	0	0	0	0	0	0	0.008
<b>ARANEAE</b>												
<b>(Araneae)</b>												
(Araneae) sp. 1	0	0	0	0.012	0	0.010	0.018	0	0	0	0	0
<b>Clubionidae</b>												
(Clubionidae) sp. 1	0	0	0	0	0	0.005	0	0.006	0	0.006	0	0
(Clubionidae) sp. 2	0	0	0	0	0	0	0	0	0.027	0.009	0	0
<i>Castianeira</i> sp. 1	0	0	0.161	0.156	0.212	0.040	0.009	0	0	0	0	0.015
<b>Ctenizidae</b>												
(Ctenizidae) sp. 1	0.207	0.158	0.011	0	0	0	0	0	0	0.025	0.010	0.261
<i>Aposticus</i> sp. 1	0.015	0	0	0	0.012	0	0.049	0.020	0.027	0.149	0.188	0.092
<b>Dysderidae</b>												
<i>Dysdera crocata</i>	0.207	0.343	0.224	0.239	0.126	0.088	0.124	0.151	0.055	0.119	0.056	0.246
<b>Gnaphosidae</b>												
(Gnaphosidae) sp. 1	0	0	0	0.015	0.052	0.070	0.030	0.051	0.019	0	0.010	0.008
(Gnaphosidae) sp. 2	0.015	0.006	0.030	0.077	0.018	0.124	0.101	0.182	0.045	0	0	0.057
(Gnaphosidae) sp. 3	0	0	0.036	0.030	0	0	0.097	0.086	0.254	0.015	0.038	0.008
(Gnaphosidae) sp. 4	0	0	0.008	0	0.006	0	0.007	0.018	0	0.018	0.010	0
<i>Poecilochroa ocellata</i>	0.008	0.006	0.006	0.049	0.036	0.081	0.043	0.012	0.009	0.012	0	0
<b>Lycosidae</b>												
(Lycosidae) sp. 1	0.229	0.210	0.147	0.109	0.019	0.134	0.663	0.305	0.095	0.056	0.045	0.043
(Lycosidae) sp. 2	0.071	0.075	0.141	0.275	0.027	0.025	0.006	0.043	0	0.009	0	0.015
(Lycosidae) sp. 5	0.343	0.411	0.150	0.000	0	0	0	0	0	0.079	0	0.809
(Lycosidae) sp. 6	0	0.006	0.120	0.015	0	0.008	0	0.007	0	0.039	0.980	1.280
<b>Oxyopidae</b>												
(Oxyopidae) sp. 1	0	0	0	0.027	0.018	0.024	0.122	0.036	0.038	0.041	0	0
(Oxyopidae) sp. 3	0	0	0	0	0	0	0	0.023	0.030	0	0	0
<b>Philodromidae</b>												
(Philodromidae) sp. 1	0.008	0	0	0	0	0	0.036	0	0	0.009	0	0
<i>Tibellus</i> sp. 1	0	0	0	0	0	0.020	0.006	0	0	0	0	0
<b>Pholcidae</b>												
(Pholcidae) sp. 1	0.008	0.019	0.073	0.053	0.050	0.098	0.064	0.130	0.217	0.087	0.043	0

**Table 4. Continued.**

Species	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>Salticidae</b>												
(Salticidae) sp. 1	0.030	0.012	0.031	0.006	0.030	0.053	0.180	0.268	0.273	0.211	0.083	0.023
<b>Thomisidae</b>												
<i>Xysticus</i> sp. 1	0.016	0.106	0.059	0.117	0.097	0.015	0.013	0.048	0.037	0.092	0.088	0.083
<b>OPILIONES</b>												
<b>Opilionidae</b>												
<i>Opiliones</i> sp. 1	0.107	0.455	0.870	2.426	2.380	0.371	0.164	0	0	0	0	0.008
<b>PSEUDOPSCORPIONES</b>												
<b>(Pseudoscorpiones)</b>												
(Pseudoscorpiones) sp. 1	0.020	0.017	0.025	0.009	0.006	0.010	0.006	0.012	0	0.006	0	0.011
<b>SCORPIONES</b>												
<b>Vejovidae</b>												
(Vejovidae) sp. 1	0	0	0.006	0.013	0	0	0	0	0	0	0	0
<i>Anuroctonus phaiodactylus</i>	0	0	0	0	0.006	0.015	0.024	0.024	0.068	0	0	0
<i>Paruroctonus silvestrii</i>	0	0	0	0.024	0.024	0.161	0.249	0.473	0.431	0.174	0	0
<b>SOLFUGAE</b>												
<b>Solpugidae</b>												
<i>Eremobates</i> sp. 1	0	0	0.006	0.006	0.056	0.090	0.240	0.405	0.473	0.316	0.324	0.094
<b>GEOPHILOMORPHA</b>												
<b>(Geophilomorpha)</b>												
(Geophilomorpha) sp. 1	0	0.012	0	0.024	0.006	0	0	0	0	0	0.010	0.008
<b>LITHOBIOMORPHA</b>												
<b>Lithobiidae</b>												
<i>Lithobius</i> sp. 1	0.008	0.018	0.006	0.056	0.006	0.014	0	0	0	0	0	0.015
<b>SCOLOPENDROMORPHA</b>												
<b>Scolopendridae</b>												
<i>Scolopendra</i> sp. 1	0.023	0.042	0.057	0.054	0.083	0.061	0.006	0.011	0.011	0	0	0.018
<i>Scolopendra</i> sp. 3	0	0	0	0.183	0.133	0	0	0	0	0	0	0
<b>SCUTIGEROMORPHA</b>												
<b>Scutigeridae</b>												
<i>Scutigera</i> sp. 1	0	0	0	0	0	0	0.006	0	0	0.033	0.030	0.011
<b>SPIROBOLIDA</b>												
<b>Spirobolidae</b>												
(Spirobolidae) sp. 1	0.192	0.393	0.135	0.025	0	0	0	0	0	0.048	0.051	0.580
<b>COLLEMBOLA</b>												
<b>Entomobryidae</b>												
(Entomobryidae) sp. 1	2.622	2.807	5.501	3.697	0.533	0	0	0	0	0	0.065	2.768
<b>Poduridae</b>												

**Table 4. Continued.**

Species	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<i>Podura aquatica</i>	0	0	1.057	1.800	0	0	0	0	0	0	0	0
<b>Sminthuridae</b>												
(Sminthuridae) sp. 1	1.364	0.417	0.540	0.087	0.012	0	0	0	0	0	0	2.050
<b>COLEOPTERA</b>												
<b>Bruchidae</b>												
(Bruchidae) sp. 1	0	0	0	0.013	0	0	0	0	0	0.012	0	0.008
(Bruchidae) sp. 2	0	0	0	0	0	0	0	0	0.008	0	0	0
<b>Cantharidae</b>												
(Cantharidae) sp. 1	0	0.034	0	0.006	0.012	0.005	0	0	0	0	0	0
<b>Carabidae</b>												
(Carabidae) sp. 1	0.015	0	0	0	0	0.196	0	0	0	0	0	0.011
(Carabidae) sp. 2	0	0	0	0	0	0.045	0	0	0	0	0.015	0
(Carabidae) sp. 3	0.136	0.254	0.511	0.164	0.527	0.018	0	0	0	0	0.045	0.395
(Carabidae) sp. 5	0	0	0	0.177	0.114	0	0	0	0	0.750	0	0
<i>Amara</i> sp. 1	0.144	0.080	0.080	0.011	0.009	0.005	0	0.020	0.023	0	0.101	0.248
<i>Bembidion</i> sp. 1	0	0.021	0	0	0	0	0	0	0	0	0	0
<i>Calathus ruficollis</i>	4.650	5.253	3.028	1.027	2.283	1.427	1.245	0.258	0.231	3.328	8.038	5.973
<i>Calosoma</i> sp. 1	0	0	0.006	0.027	0.023	0.107	0.039	0	0	0	0	0
<i>Pterostichus</i> sp. 1	1.612	1.175	1.432	0.788	0.673	0.255	0.095	0.048	0.064	0.268	1.253	2.616
<b>Chrysomelidae</b>												
(Chrysomelidae) sp. 2	0	0	0	0	0	0	0	0	0.008	0	0	0
<b>Colydiidae</b>												
(Colydiidae) sp. 3	0	0	0.006	0.019	0.052	0.011	0.045	0.006	0.143	0.006	0	0
(Colydiidae) sp. 4	0	0.006	0.006	0.018	0	0.036	0.006	0.042	0.032	0	0	0.008
<i>Anchomma costatum</i>	0	0	0.006	0	0	0	0.006	0	0	0	0	0
<b>Curculionidae</b>												
(Curculionidae) sp. 1	0	0	0	0.006	0.027	0.062	0.015	0	0	0.009	0	0
(Curculionidae) sp. 2	0.030	0.023	0.023	0.015	0	0.052	0.027	0	0.015	0	0	0.018
<i>Trigonoscuta</i> sp. 1	0.182	0.162	0	0	0	0	0	0	0	0	0.043	0.091
<b>Elateridae</b>												
(Elateridae) sp. 2	0	0	0	0	0	0	0	0	0.008	0	0	0
(Elateridae) sp. 4	0.024	0.064	0.118	0.623	0.781	0.364	0.100	0.017	0.036	0.007	0	0.023
(Elateridae) sp. 5	0.015	0	0.013	0	0.080	0.098	0.042	0	0	0	0.015	0
<b>Euglenidae</b>												
(Euglenidae) sp. 1	0	0	0.006	0	0	0	0	0	0	0	0	0
<b>Histeridae</b>												
(Histeridae) sp. 1	0	0.013	0	0	0	0	0	0	0	0	0	0
(Histeridae) sp. 2	0	0.008	0	0.020	0.066	0.033	0.055	0	0	0	0	0

**Table 4. Continued.**

Species	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
(Histeridae) sp. 3	0.015	0.020	0.031	0.034	0	0	0	0	0	0	0	0
<b>Lathridiidae</b>												
(Lathridiidae) sp. 1	0	0.006	0	0	0	0	0	0.006	0.008	0.009	0.015	0
(Lathridiidae) sp. 2	0	0	0.013	0	0	0	0	0	0	0	0	0
<b>Melyridae</b>												
(Melyridae) sp. 1	0	0	0	0.006	0	0	0.006	0	0	0	0	0
<b>Mordellidae</b>												
(Mordellidae) sp. 1	0	0	0	0	0	0.020	0.023	0.015	0	0	0	0
<b>Phenogodidae</b>												
(Phenogodidae) sp. 1	0.010	0.021	0.006	0.006	0	0	0	0	0.008	0	0	0.015
<b>Ptinidae</b>												
<i>Ptinus fur</i>	0	0.011	0	0.077	0.210	0.201	0.116	0.024	0.027	0	0.010	0
<b>Scarabaeidae</b>												
<i>Serica</i> sp. 1	0	0	0	0	0.074	0.065	0.071	0.011	0.008	0	0	0
<b>Silphidae</b>												
<i>Necrophilus</i> sp. 1	0	0	0	0	0	0	0.024	0	0	0	0	0
<b>Staphylinidae</b>												
(Staphylinidae) sp. 1	0.085	0.019	0.032	0.297	0.531	0.587	0	0.030	0	0	0.023	0.038
(Staphylinidae) sp. 2	0.041	0.022	0.053	0.160	0.042	0.061	0	0.024	0	0.025	0.023	0.077
(Staphylinidae) sp. 3	0.149	0.037	0.048	0.079	0.061	0.044	0.024	0.006	0.030	0.018	0.121	0.139
(Tachyporinae) sp. 1	0.078	0.165	0.278	1.089	1.006	0.865	0.109	0.018	0.027	0.039	0.081	0.155
<b>Tenebrionidae</b>												
(Tenebrionidae) sp. 1	0	0	0	0.013	0.088	0.225	0	0	0.088	0.016	0	0
(Tenebrionidae) sp. 2	0	0	0.023	0.071	0.142	0.183	0.245	0.033	0.023	0.018	0	0
(Tenebrionidae) sp. 3	0	0.006	0	0	0	0.008	0.043	0	0	0	0	0
(Tenebrionidae) sp. 4	0	0.011	0	0.006	0	0.005	0	0.011	0	0	0	0
<i>Coniontis</i> sp. 1	0	0.006	0	0.040	0.091	0.283	0.755	0.334	0.110	0.067	0	0
<i>Coniontis</i> sp. 2	0	0	0	0	0	0	0	0	0.023	0	0	0
<i>Cratidus osculans</i>	0.402	1.476	2.648	2.986	1.574	0.594	0.394	0.090	0.139	0.287	0.502	0.707
<i>Eleodes acuticauda</i>	0.051	0.218	0.226	0.433	0.533	0.625	0.657	0.287	0.389	0.219	0.231	0.217
<i>Eleodes dillaticollis</i>	0	0.275	0	0.306	0	0	0	0	0	0	0	0
<i>Eleodes gracilis distans</i>	0.030	0.068	0.813	1.339	1.132	0.595	0.182	0.200	0.318	1.989	0.091	0.098
<i>Eleodes laticollis</i>	0.202	0.236	1.015	1.755	1.640	1.126	1.684	2.618	2.797	3.011	1.444	0.926
<i>Eleodes</i> sp. 2	0.038	0.215	0.270	0.073	0.006	0	0.570	0	0	0	0	0.008
<i>Nyctoporis carinata</i>	0.045	0.072	0.442	1.305	2.759	2.302	2.651	0.363	0.269	0.164	0.131	0.094
<i>Phloeodes</i> sp. 1	0	0	0	0	0.006	0.005	0.018	0	0	0	0	0

Table 4. Continued.

Species	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>DERMAPTERA</b>												
<b>Forficulidae</b>												
<i>Forficula auricularia</i>	2.162	2.667	4.399	3.991	4.788	1.770	1.014	0.220	0.250	0.518	1.340	2.648
<b>DICTYOPTERA</b>												
<b>Blattellidae</b>												
<i>Parcoblatta</i> sp. 1	0.008	0.019	0.076	0.039	0.026	0.024	0.035	0.186	0.591	0.203	0.039	0
<b>Mantidae</b>												
(Mantidae) sp. 1	0	0	0	0	0	0	0.009	0	0	0	0	0
<b>Polyphagidae</b>												
<i>Arenivaga</i> sp. 1	0.054	0.066	0.047	0.153	0.195	0.433	0.904	0.654	0.334	0.178	0.283	0.110
<b>DIPTERA</b>												
<b>Anthomyiidae</b>												
(Anthomyiidae) sp. 1	0.676	0.386	0	0	0	0	0	0	0	0	0.039	0.860
(Anthomyiidae) sp. 2	0.154	0.439	0.713	1.464	1.129	0.244	0.559	0.862	0.867	0.218	0.112	0.138
(Anthomyiidae) sp. 3	0.178	0.141	0.048	0.159	0.079	0.101	0.012	0.018	0.008	0.031	0.051	0
(Anthomyiidae) sp. 5	0.008	0	0	0	0	0	0	0	0	0	0	0
<b>Bombyliidae</b>												
<i>Chrysanthrax</i> sp. 1	0	0	0	0	0	0	0	0.006	0	0.006	0	0
<i>Phthiria</i> sp. 1	0	0	0	0	0	0	0	0.036	0	0.034	0	0
<b>Calliphoridae</b>												
<i>Calliphora</i> sp. 1	0.736	1.857	1.523	2.824	0.294	0.018	0	0	0	0	0.013	0.727
<i>Calliphora</i> sp. 2	0	0	0.006	0.012	0.017	0	0	0	0	0	0.015	0.011
<b>Dolichopodidae</b>												
(Dolichopodidae) sp. 1	0	0	0	0	0.006	0	0.007	0	0	0	0	0
<b>Empididae</b>												
(Empididae) sp. 1	0	0	0	0.061	0	0	0	0	0	0	0	0
<b>Heleomyzidae</b>												
(Heleomyzidae) sp. 1	0.434	0.213	1.459	1.624	0.461	0.055	0.015	0.006	0.121	0.009	0.132	0.306
(Heleomyzidae) sp. 2	0	0.021	0.023	0.020	0	0	0	0	0	0	0	0
<b>Mycetophilidae</b>												
(Mycetophilidae) sp. 1	0.028	0.011	0.098	0	0	0	0	0	0	0	0	0
(Mycetophilidae) sp. 2	0.017	0	0.141	0	0	0	0	0	0	0	0	0
<b>Neriidae</b>												
(Neriidae) sp. 1	0.015	0	0	0	0	0.020	0	0	0.038	0	0	0.125
(Neriidae) sp. 2	0	0	0	0	0	0	0	0	0.076	0	0.051	0
<b>Phoridae</b>												
(Phoridae) sp. 1	0.374	3.613	1.467	1.358	0.575	0.328	0.156	0.006	0	0	0	0
(Phoridae) sp. 2	0.016	0.040	0.013	0.170	0.055	0.018	0.030	0	0	0	0	0.018





**Table 4. Continued.**

Species	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
<b>Cicadellidae</b>												
(Cicadellidae) sp. 1	0	0	0.006	0.034	0.013	0.133	0	0	0	0	0	0
(Cicadellidae) sp. 3	0	0	0	0.006	0	0	0.011	0.012	0	0	0.030	0
<b>Fulgoridae</b>												
(Fulgoridae) sp. 1	0	0	0	0.009	0.018	0	0	0	0	0.036	0	0
<b>HYMENOPTERA</b>												
<b>Apidae</b>												
<i>Apis mellifera</i>	0	0	0.023	0	0	0	0	0	0	0.033	0.015	0.030
<i>Bombus edwardsi</i>	0	0.011	0.006	0	0	0	0	0	0	0	0	0.009
<i>Bombus vosnosenskii</i>	0	0.024	0.022	0.116	0.107	0.043	0.018	0	0	0	0	0.020
<b>Chalcididae</b>												
(Chalcididae) sp. 1	0	0	0	0	0	0.008	0	0.006	0	0.027	0	0
<b>Chrysididae</b>												
(Chrysididae) sp. 1	0	0	0	0	0	0	0.006	0	0.034	0	0	0
<b>Dryinidae</b>												
(Dryinidae) sp. 1	0.015	0	0.017	0.056	0.051	0.046	0.052	0	0.008	0.009	0	0.011
<b>Formicidae</b>												
(Formicidae) sp. 2	0.025	0.026	0	0	0	0	0	0	0	0	0	0
(Formicinae) sp. 1	0	0	0.006	0	0	0.012	0	0	0	0	0	0
(Myrmicinae) sp. 1	0	0.033	0	0	0	0	0	0	0	0	0	0
<i>Camponotus</i> sp. 1	0.515	0.251	0.887	0.375	0.455	0.091	0.205	1.614	1.966	0.068	0.114	0.418
<i>Formica moki</i>	0	0	0.206	0.006	0.012	0.010	0.018	0.012	0	0	0	0
<i>Formica</i> sp. 1	0.008	0.018	0	0.103	0.030	0.020	0.012	0	0.008	0	0	0
<i>Linepithema humile</i>	3.330	5.013	2.615	3.773	4.920	5.803	10.073	9.333	6.871	7.748	5.712	2.909
<i>Leptothorax andrei</i>	0	0.006	0.041	0.025	0.006	0.006	0.043	0.030	0.011	0.012	0.028	0
<i>Pheidole</i> sp. 1	0.061	0	0	0.036	0.114	0.365	0.409	0.068	0.682	1.545	0.091	0.127
<i>Pogonomyrmex californicus</i>	0	0	0.023	0.018	0	0.017	0.055	0.041	0.080	0.143	0.015	0.011
<b>Halictidae</b>												
<i>Agapostemon texana</i>	0	0	0	0	0.006	0	0	0	0	0.016	0	0
<b>Mutillidae</b>												
<i>Dasymutilla areola pacifica</i>	0	0	0	0	0	0	0	0	0.011	0	0	0
<i>Dasymutilla californica</i>	0	0	0	0	0	0.015	0.012	0.027	0.034	0.009	0.015	0.008
<i>Spherophthalma</i> sp. 1	0	0	0	0.009	0.020	0.025	0.048	0.018	0.034	0.027	0.076	0.023
<b>Pompilidae</b>												
(Pompilidae) sp. 1	0.030	0	0	0.006	0.039	0.067	0.314	0.299	0.280	0.202	0	0.011
<b>Tiphiidae</b>												
(Tiphiidae) sp. 1	0	0	0	0	0	0.015	0	0	0	0	0	0
<b>Vespidae</b>												

**Table 4. Continued.**

<b>Species</b>	<b>JAN</b>	<b>FEB</b>	<b>MAR</b>	<b>APR</b>	<b>MAY</b>	<b>JUN</b>	<b>JUL</b>	<b>AUG</b>	<b>SEP</b>	<b>OCT</b>	<b>NOV</b>	<b>DEC</b>
<i>Polistes aurifer</i>	0	0	0.030	0	0	0	0.009	0	0	0	0	0
<i>Vespa</i> sp. 1	0.030	0.070	0.123	0.071	0.099	0.223	0.575	0.479	0.484	1.544	0.503	0.373
<b>LEPIDOPTERA</b>												
<b>Arctiidae</b>												
(Arctiidae) sp. 1 (larvae)	0.015	0.034	0.013	0.057	0.148	0.068	0.006	0.006	0.017	0	0	0
(Arctiidae) sp. 7 (larvae)	0	0	0	0.012	0	0	0	0	0	0	0	0
<b>MICROCORYPHIA</b>												
<b>Machilidae</b>												
(Machilidae) sp. 1	0.169	0.139	0.079	0.179	1.506	3.118	3.817	4.926	5.120	3.833	1.798	0.477
<b>ORTHOPTERA</b>												
<b>Gryllacrididae</b>												
<i>Ceuthophilus californianus</i>	0.188	0.145	0.246	0.456	0.384	0.267	0.332	0.214	0.248	0.263	0.167	0.210
<i>Stenopelmatus</i> sp. 1	0.061	0.121	0.316	0.545	0.875	0.498	0.534	0.431	0.314	0.234	0.253	0.255
<b>Gryllidae</b>												
<i>Acheta domesticus</i>	0	0	0	0	0	0	0	0.009	0	0.006	0	0
<i>Hoplosphyrum boreale</i>	0.083	0.164	0.017	0.006	0	0	0	0.149	0.159	0.465	0.400	0.197
<i>Myrmecophila</i> sp. 1	0.030	0.057	0.017	0.015	0.009	0	0.006	0	0	0	0	0.048
<b>Tettigoniidae</b>												
<i>Neduba</i> sp. 1	0	0	0	0	0	0	0	0.006	0	0	0	0
<b>PSOCOPTERA</b>												
<b>Psocidae</b>												
(Psocidae) sp. 1	0	0	0.006	0	0	0	0	0.006	0.011	0	0	0
<b>SIPHONAPTERA</b>												
<b>(Siphonaptera)</b>												
(Siphonaptera) sp. 1	0	0	0	0	0	0	0.006	0	0	0	0	0.011
<b>THYSANURA</b>												
<b>Lepismatidae</b>												
(Lepismatidae) sp. 1	0.261	0.186	0.099	0.121	0.058	0.141	0.149	0.102	0.127	0.239	0.543	0.394
<i>Allacrotelsa spinulata</i>	0	0	0.021	0	0	0	0	0	0	0	0	0
<b>Class Crustacea ISOPODA</b>												
<b>Oniscoidea</b>												
<i>Armadillidium</i> sp. 1	0.364	1.430	2.905	4.910	5.372	3.835	5.651	2.639	1.745	1.105	0.699	0.356
<i>Porcellio</i> sp. 1	1.127	0.868	0.719	0.693	1.147	0.912	1.695	1.044	1.270	0.775	0.629	0.814
<i>Porcellio</i> sp. 2	0.038	0.015	0	0.688	0	0	0	0	0	0.164	0	0
<b>CLASS DIPLOPODA</b>												
(Diplopoda) sp. 1	0	0.011	0	0	0	0	0	0	0	0	0	0