

Table 9. CSBP Metrics Summary for Benthic Macroinvertebrate Sites on South Fork American River Section,
El Dorado Irrigation District, FERC Project 184, Fall 1999.

	South Fork American River SO-B1			South Fork American River SO-B2			South Fork American River SO-B3			South Fork American River SO-B4			South Fork American River SO-B5		
	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total
Taxa Richness	31.0	5.6	50.0	33.7	15.2	51.0	34.7	19.2	58.0	29.0	9.1	46.0	35.7	8.6	63.0
Percent Dominant Taxon	24.2	17.1	19.1	23.5	30.5	23.5	36.1	43.6	33.0	21.9	13.6	15.0	18.2	30.4	12.9
EPT Taxa	20.0	8.7	28.0	21.3	7.2	28.0	21.0	12.6	33.0	18.3	6.3	28.0	24.3	8.6	39.0
EPT Index (%)	78.9	11.6	79.0	81.5	14.1	81.5	77.4	9.8	78.0	73.4	20.9	73.4	68.0	29.1	67.9
Sensitive EPT Index	66.5	10.2	66.6	71.0	17.5	70.9	66.2	15.4	66.6	64.4	22.2	64.4	53.6	24.7	53.6
Ephemeroptera Taxa	9.7	15.8	13.0	8.7	13.3	11.0	9.3	6.2	12.0	9.0	11.1	13.0	10.3	5.6	13.0
Plecoptera Taxa	3.7	31.5	7.0	4.3	13.3	8.0	3.7	41.7	10.0	2.3	65.5	6.0	4.7	32.7	11.0
Trichoptera Taxa	6.7	8.7	8.0	8.3	6.9	9.0	8.0	21.7	11.0	6.3	9.1	8.0	9.0	11.1	14.0
Dipteran Taxa	4.3	13.3	7.0	6.3	18.2	9.0	6.0	16.7	9.0	6.3	24.1	8.0	6.3	39.7	12.0
Percent Dipteran	13.0	26.0	13.0	13.9	64.6	13.9	14.3	40.7	14.4	16.8	54.5	16.8	28.1	63.9	28.2
Non-Insect Taxa	4.0	43.3	10.0	4.0	66.1	10.0	4.3	74.2	10.0	3.3	45.8	8.0	3.0	88.2	7.0
Percent Non-Insect	6.5	87.8	6.5	2.9	88.4	2.9	5.9	33.1	5.3	9.2	74.0	9.2	2.2	97.6	2.2
Percent Chironomidae	11.6	38.1	11.5	12.3	72.4	12.4	11.7	47.4	11.8	13.2	70.6	13.2	26.5	69.3	26.7
Percent Hydropsychidae	10.8	68.8	10.9	7.5	7.8	7.5	7.2	7.8	7.3	9.8	64.4	9.8	7.7	67.9	7.6
Percent Baetidae	3.5	56.8	3.5	2.3	23.8	2.2	1.7	0.9	1.7	2.8	50.2	2.8	4.0	36.7	4.0
Shannon Diversity	2.7	7.1	2.9	2.7	8.1	2.9	2.5	16.2	2.8	2.6	1.7	3.0	2.8	5.9	3.1
Tolerance Value	2.3	23.5	2.3	2.0	32.1	2.0	2.3	30.8	2.3	2.5	37.8	2.5	3.1	31.7	3.1
Percent Intolerant (0-2)	64.0	15.8	64.1	69.3	15.3	69.2	66.6	13.7	67.1	66.4	21.7	66.4	52.4	23.8	52.3
Percent Tolerant (8-10)	7.3	90.0	7.3	4.6	73.8	4.6	12.2	36.9	11.6	13.2	69.2	13.2	13.4	64.0	13.5
Percent Collectors	29.4	35.4	29.3	25.9	45.7	26.0	28.6	28.1	28.1	48.9	21.9	48.9	42.0	39.8	42.1
Percent Filterers	13.5	75.6	13.6	8.1	8.1	8.1	8.4	18.0	8.4	9.9	65.6	9.9	7.9	68.9	7.9
Percent Grazers	32.7	17.1	32.6	36.4	30.3	36.3	44.7	37.0	45.2	34.7	17.9	34.7	36.5	27.4	36.5
Percent Predators	3.7	52.6	3.7	5.7	32.5	5.7	6.0	30.3	6.1	4.0	29.7	4.0	5.4	47.0	5.4
Percent Shredders	19.9	33.1	19.9	23.8	30.1	23.8	12.3	51.4	12.2	2.1	47.9	2.1	7.9	70.2	7.9
Total Percentages	99.2	1.4	99.2	99.9	0.2	99.9	100.0	0.0	100.0	99.7	0.6	99.7	99.8	0.4	99.8

Table 9. (Cont.)

	Pyramid Creek PY-B1			Strawberry Creek SB-B1			Echo Creek EC-B1			Echo Creek EC-B3		
	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total
Taxa Richness	28.0	7.1	44.0	35.3	8.6	57.0	28.7	17.6	47.0	22.0	16.4	37.0
Percent Dominant Taxon	32.5	27.0	29.0	28.8	22.1	21.7	19.3	10.1	19.2	31.0	29.6	25.0
EPT Taxa	16.0	10.8	24.0	25.0	10.6	38.0	18.0	11.1	27.0	13.7	23.5	21.0
EPT Index (%)	36.3	24.9	36.1	85.6	7.5	85.7	52.9	23.2	52.9	55.5	36.6	55.4
Sensitive EPT Index	27.3	31.6	27.1	77.1	10.7	77.2	30.6	33.8	30.6	30.5	35.2	30.4
Ephemeroptera Taxa	7.3	7.9	10.0	9.3	6.2	12.0	8.3	13.9	11.0	3.3	34.6	5.0
Plecoptera Taxa	4.0	25.0	6.0	6.7	17.3	14.0	4.0	0.0	6.0	6.7	22.9	11.0
Trichoptera Taxa	4.3	35.3	7.0	8.3	6.9	11.0	5.3	28.6	9.0	3.7	31.5	5.0
Dipteran Taxa	5.7	10.2	6.0	8.0	25.0	12.0	7.0	28.6	13.0	5.3	28.6	8.0
Percent Dipteran	59.7	14.5	59.8	13.5	45.8	13.4	44.9	26.7	45.0	42.9	47.9	43.0
Non-Insect Taxa	4.7	12.4	11.0	1.7	124.9	5.0	3.7	31.5	7.0	2.3	24.7	7.0
Percent Non-Insect	3.3	19.2	3.3	0.7	100.4	0.7	2.2	44.7	2.0	1.2	32.6	1.2
Percent Chironomidae	58.9	15.0	59.1	8.6	81.5	8.5	43.7	26.7	43.8	42.1	48.9	42.2
Percent Hydropsychidae	4.3	115.5	4.2	9.7	32.8	9.7	11.4	24.6	11.4	2.0	173.2	2.0
Percent Baetidae	7.1	25.8	7.1	1.0	31.4	1.0	4.3	45.3	4.4	0.1	173.2	0.1
Shannon Diversity	2.3	10.9	2.4	2.7	4.6	3.0	2.6	4.2	2.7	2.1	12.8	2.2
Tolerance Value	5.4	9.2	5.4	1.5	44.6	1.5	4.8	11.6	4.8	4.4	18.3	4.4
Percent Intolerant (0-2)	27.3	31.6	27.1	78.6	12.3	78.7	30.7	34.1	30.7	30.5	35.2	30.4
Percent Tolerant (8-10)	28.3	28.2	28.2	3.5	98.0	3.5	20.7	9.0	20.5	16.2	44.2	16.2
Percent Collectors	70.3	11.0	70.6	15.4	50.9	15.3	51.9	25.3	51.9	43.2	45.6	43.3
Percent Filterers	4.4	110.4	4.3	9.7	32.8	9.7	11.7	23.9	11.8	2.0	173.2	2.0
Percent Grazers	7.1	64.4	6.9	61.7	9.1	61.8	10.8	25.1	10.8	27.7	36.6	27.6
Percent Predators	6.2	3.2	6.1	8.4	16.0	8.4	8.7	24.4	8.7	10.9	47.4	10.9
Percent Shredders	11.8	14.4	11.9	4.8	21.7	4.8	16.8	43.0	16.8	16.1	26.5	16.1
Total Percentages	99.8	0.4	99.8	100.0	0.0	100.0	99.9	0.2	99.9	99.9	0.2	99.9

Table 11. CSBP Metrics Summary for Benthic Macroinvertebrate Sites on Silver Fork American River Section, El Dorado Irrigation District, FERC Project 184, Fall 1999.

	Silver Fork American River SV-B1			Silver Fork American River SV-B2			Sherman Canyon Creek SH-B1			Caples Creek CA-B1			Oyster Creek OY-B1			Woods Creek WC-B1		
	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total
Taxa Richness	34.0	0.0	54.0	32.3	4.7	50.0	34.7	19.6	59.0	18.7	6.2	31.0	32.0	8.3	50.0	30.7	13.2	58.0
Percent Dominant Taxon	19.7	2.3	13.1	22.9	33.0	19.1	22.9	26.6	17.1	35.4	12.9	33.1	30.7	21.0	30.2	26.1	36.0	26.1
EPT Taxa	19.0	2.0	28.0	18.7	8.2	26.0	23.0	19.0	36.0	6.3	9.1	11.0	20.0	5.0	29.0	22.7	6.7	41.0
EPT Index (%)	75.7	11.1	75.6	40.6	27.7	40.4	83.7	7.7	83.7	14.2	58.3	14.6	80.8	14.1	80.9	87.9	8.1	87.9
Sensitive EPT Index	53.4	14.3	53.2	21.7	20.6	21.6	60.6	5.9	60.6	13.7	56.0	14.1	20.8	9.3	20.8	48.9	8.2	48.9
Ephemeroptera Taxa	8.3	2.1	12.0	8.3	6.9	10.0	8.0	33.1	12.0	1.7	69.3	4.0	9.7	21.5	13.0	9.0	22.2	13.0
Plecoptera Taxa	4.3	0.6	8.0	5.7	27.0	9.0	7.3	15.7	14.0	3.3	17.3	5.0	6.0	16.7	11.0	10.3	20.1	21.0
Trichoptera Taxa	6.3	0.6	8.0	4.3	13.3	6.0	7.0	14.3	9.0	1.3	43.3	2.0	4.3	13.3	5.0	3.3	34.6	7.0
Dipteran Taxa	5.3	1.2	7.0	6.7	17.3	10.0	5.7	27.0	9.0	4.7	12.4	6.0	6.7	45.8	11.0	5.3	47.2	10.0
Percent Dipteran	13.3	4.3	13.4	50.5	17.0	50.6	13.2	50.6	13.2	34.2	34.6	33.8	13.5	64.3	13.4	11.1	58.3	11.1
Non-Insect Taxa	4.0	2.0	9.0	4.7	32.7	9.0	3.0	0.0	7.0	7.7	19.9	14.0	3.3	17.3	6.0	1.3	114.6	4.0
Percent Non-Insect	6.2	5.3	6.3	6.4	58.0	6.4	1.9	66.8	1.9	51.6	15.6	51.5	3.2	61.3	3.2	0.6	125.8	0.6
Percent Chironomidae	10.7	4.0	10.8	48.7	17.7	48.8	11.5	53.0	11.4	25.0	70.4	24.8	10.3	73.9	10.2	9.7	57.5	9.7
Percent Hydropsychidae	14.0	8.4	14.1	3.2	82.6	3.2	5.9	25.1	5.9	0.0	#DIV/0!	0.0	2.3	1.6	2.3	0.2	173.2	0.2
Percent Baetidae	3.9	3.9	3.8	5.4	25.5	5.4	1.0	99.8	1.0	0.1	173.2	0.1	30.3	22.2	30.3	11.9	22.7	11.9
Shannon Diversity	2.8	0.1	3.1	2.7	5.6	2.9	2.8	8.4	3.2	2.0	2.3	2.3	2.4	6.8	2.6	2.4	10.7	2.6
Tolerance Value	2.7	0.9	2.8	5.1	13.5	5.2	2.2	12.1	2.2	5.4	10.4	5.4	3.9	1.4	3.9	2.9	9.9	2.9
Percent Intolerant (0-2)	54.9	12.3	54.8	21.9	18.6	21.9	61.2	5.5	61.2	13.7	56.0	14.1	16.7	8.3	16.7	47.8	8.5	47.8
Percent Tolerant (8-10)	10.9	8.3	11.0	22.4	48.6	22.5	2.2	8.1	2.2	24.3	30.4	24.0	1.2	57.8	1.2	2.4	80.6	2.4
Percent Collectors	33.2	8.8	33.3	70.3	11.7	70.5	19.7	43.7	19.7	37.5	57.9	36.8	53.2	18.5	53.2	25.3	37.6	25.3
Percent Filterers	14.5	8.5	14.6	4.5	47.1	4.5	6.4	30.9	6.4	42.9	33.3	43.1	2.7	5.3	2.7	0.5	116.2	0.5
Percent Grazers	34.3	13.0	34.0	12.4	46.6	12.3	49.1	13.5	49.2	1.1	49.7	1.2	31.8	32.4	31.8	42.3	32.5	42.4
Percent Predators	8.1	1.9	8.1	9.4	32.6	9.4	10.4	31.0	10.3	13.3	64.5	13.7	7.9	34.2	7.9	18.9	41.0	18.8
Percent Shredders	9.9	6.4	10.0	3.3	15.0	3.3	14.4	34.2	14.4	4.2	43.0	4.3	3.5	13.3	3.5	12.7	55.6	12.7
Total Percentages	100.0	0.0	100.0	99.9	0.2	99.9	100.0	0.0	100.0	99.0	1.5	99.0	99.1	1.6	99.1	99.7	0.6	99.7

Table 13. CSBP Metrics Summary for Benthic Macroinvertebrate Sites on Diverted Tributary Section,
El Dorado Irrigation District, FERC Project 184, Fall 1999.

	Alder Creek AR-B1			Alder Creek AR-B2			Carpenter Creek CR-B1			Carpenter Creek CR-B2			No-Name Creek NN-B1			No-Name Creek NN-B2			Mill Creek ML-B1			Mill Creek ML-B2		
	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total
Taxa Richness	27.0	33.9	49.0	39.0	2.6	62.0	39.3	15.5	70.0	41.7	3.7	68.0	45.3	11.3	83.0	39.0	2.6	71.0	32.3	12.5	57.0	33.7	4.5	57.0
Percent Dominant Taxon	49.2	36.9	49.2	17.2	17.4	13.5	25.2	81.2	19.8	13.4	9.9	13.6	19.3	30.7	19.1	18.7	22.4	13.5	27.3	50.0	24.0	23.1	25.9	15.8
EPT Taxa	17.7	22.9	29.0	24.3	6.3	37.0	24.0	15.0	38.0	26.7	7.8	41.0	21.7	5.3	36.0	22.0	7.9	37.0	21.0	12.6	31.0	20.7	2.8	32.0
EPT Index (%)	92.5	7.8	92.5	80.7	16.0	80.6	80.0	12.0	80.0	64.6	13.1	65.4	64.6	18.4	64.7	71.9	7.1	71.8	82.2	6.3	82.3	72.0	32.6	72.3
Sensitive EPT Index	83.0	16.6	83.0	53.7	15.2	53.6	51.6	28.9	51.8	39.2	15.1	39.7	45.4	11.7	45.5	52.7	8.3	52.7	56.9	32.4	57.0	39.4	16.8	39.3
Ephemeroptera Taxa	6.3	18.2	10.0	8.3	13.9	12.0	10.0	17.3	13.0	8.7	17.6	12.0	6.7	22.9	9.0	5.0	20.0	9.0	8.0	25.0	11.0	7.0	14.3	9.0
Plecoptera Taxa	6.0	57.7	12.0	9.3	16.4	16.0	6.3	50.8	13.0	10.7	14.3	20.0	8.7	6.7	16.0	9.3	6.2	16.0	6.0	16.7	10.0	6.0	0.0	12.0
Trichoptera Taxa	5.3	10.8	7.0	6.0	16.7	8.0	7.3	34.3	11.0	7.3	7.9	9.0	6.3	9.1	11.0	7.0	14.3	10.0	7.0	14.3	10.0	6.3	9.1	9.0
Dipteran Taxa	3.0	66.7	6.0	7.3	28.4	14.0	8.0	21.7	15.0	6.3	24.1	10.0	10.3	24.4	18.0	8.3	13.9	16.0	3.7	56.8	8.0	7.7	19.9	12.0
Percent Dipteran	3.5	116.0	3.4	9.2	84.5	9.3	12.9	53.6	12.8	24.8	24.2	25.1	12.2	60.5	12.1	11.8	56.1	11.8	6.3	83.0	6.2	25.1	88.9	24.8
Non-Insect Taxa	3.3	105.4	9.0	3.0	33.3	5.0	6.0	50.0	13.0	6.3	39.7	11.0	8.0	21.7	17.0	4.3	48.0	9.0	4.3	13.3	11.0	3.0	33.3	9.0
Percent Non-Insect	1.6	122.6	1.6	5.0	98.6	5.1	5.7	36.4	5.7	9.2	34.7	8.1	10.7	46.1	10.7	6.5	58.4	6.5	2.9	28.9	2.9	1.7	53.5	1.7
Percent Chironomidae	2.8	142.3	2.8	7.2	100.4	7.3	10.2	57.9	10.2	22.4	20.0	22.7	8.0	71.7	7.9	7.1	74.8	7.2	5.7	83.9	5.6	22.5	92.2	22.3
Percent Hydropsychidae	4.9	75.3	4.9	10.2	29.5	10.2	4.2	19.0	4.2	6.1	12.0	6.2	2.7	34.2	2.6	2.6	48.0	2.6	10.9	56.0	10.9	4.9	80.7	4.9
Percent Baetidae	0.6	67.9	0.6	1.1	74.7	1.1	4.5	66.1	4.5	2.6	69.5	2.7	5.8	17.5	5.8	8.1	34.8	8.1	2.6	64.7	2.5	1.3	26.1	1.3
Shannon Diversity	1.8	38.2	2.0	2.9	2.0	3.3	2.8	18.0	3.2	3.2	2.4	3.4	3.0	8.3	3.3	2.9	0.9	3.3	2.6	15.0	2.8	2.7	7.2	3.1
Tolerance Value	1.6	33.2	1.6	2.6	21.4	2.6	2.8	18.1	2.8	3.4	10.4	3.4	3.2	9.7	3.2	2.6	8.1	2.6	2.3	28.5	2.3	3.5	26.0	3.5
Percent Intolerant (0-2)	82.9	16.5	82.9	53.4	14.8	53.3	51.2	29.8	51.3	39.3	15.0	39.9	45.8	11.3	45.8	53.0	7.7	53.0	56.9	32.5	57.0	39.3	18.1	39.2
Percent Tolerant (8-10)	1.0	145.8	1.0	4.9	91.1	5.0	4.7	60.9	4.7	7.8	33.7	6.6	6.3	82.7	6.3	3.8	76.5	3.8	1.2	60.2	1.2	6.4	137.9	6.3
Percent Collectors	7.5	109.0	7.5	25.1	63.1	25.3	29.6	33.0	29.6	41.0	7.2	40.3	31.6	24.7	31.6	27.7	3.7	27.8	16.5	29.1	16.5	32.2	62.4	31.9
Percent Filterers	5.0	77.4	5.0	10.2	29.5	10.2	5.0	14.1	5.0	7.1	21.5	7.2	3.4	29.9	3.4	3.4	58.0	3.4	11.6	59.7	11.6	4.9	80.7	4.9
Percent Grazers	63.0	21.2	63.0	39.4	28.1	39.3	30.5	43.7	30.4	24.1	23.8	24.4	15.5	28.4	15.6	34.3	16.4	34.2	63.2	21.1	63.3	29.5	75.4	29.8
Percent Predators	4.9	72.8	4.9	10.6	7.4	10.6	10.7	37.0	10.6	13.8	18.3	14.0	15.2	19.3	15.2	14.1	7.9	14.1	5.4	34.1	5.3	19.6	63.6	19.5
Percent Shredders	19.6	74.8	19.7	14.7	57.0	14.7	23.7	115.4	23.9	12.8	21.0	13.0	32.9	14.3	33.0	19.1	36.4	19.3	3.1	67.4	3.1	13.6	67.9	13.7
Total Percentages	100.0	0.0	100.0	100.0	0.0	100.0	99.6	0.8	99.6	98.8	2.1	98.8	98.8	2.1	98.8	98.7	2.0	98.8	99.8	0.4	99.8	99.8	0.4	99.8

Table 13. (Cont.)

	Bull Creek BU-B1			Bull Creek BU-B2			Ogilby Creek OG-B1			Ogilby Creek OG-B2			Esmeralda Creek ES-B2		
	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total	Mean	CV	Total
Taxa Richness	38.3	15.7	66.0	48.3	6.3	80.0	40.7	1.4	72.0	35.0	10.3	62.0	33.0	5.2	53.0
Percent Dominant Taxon	20.5	42.2	20.3	15.3	28.4	12.3	23.6	37.5	23.1	23.7	9.3	17.1	18.4	8.4	15.5
EPT Taxa	20.3	10.2	30.0	26.0	3.8	38.0	23.3	10.8	37.0	18.7	15.5	29.0	20.3	5.7	30.0
EPT Index (%)	53.7	12.0	53.8	64.0	17.0	64.1	76.5	2.7	76.5	61.2	30.1	61.0	63.4	8.7	63.3
Sensitive EPT Index	17.7	19.7	17.6	30.0	3.1	30.1	51.3	6.3	51.3	23.6	22.1	23.5	30.7	17.2	30.6
Ephemeroptera Taxa	6.7	8.7	8.0	8.0	12.5	10.0	7.0	0.0	10.0	8.7	6.7	11.0	6.3	18.2	9.0
Plecoptera Taxa	6.7	31.2	12.0	10.3	20.1	18.0	7.3	28.4	14.0	5.0	20.0	9.0	7.3	20.8	12.0
Trichoptera Taxa	6.7	31.2	9.0	7.3	7.9	9.0	9.0	22.2	13.0	4.7	44.6	8.0	6.7	22.9	9.0
Dipteran Taxa	5.3	21.7	10.0	10.3	5.6	16.0	5.0	52.9	9.0	7.3	43.8	13.0	6.3	9.1	9.0
Percent Dipteran	23.5	39.6	23.6	19.1	56.7	19.2	11.1	32.5	11.1	20.8	63.9	20.9	19.2	35.9	19.3
Non-Insect Taxa	8.7	37.1	17.0	7.7	19.9	17.0	6.7	22.9	14.0	6.3	24.1	14.0	3.7	15.7	8.0
Percent Non-Insect	15.4	49.2	15.2	7.8	22.1	7.9	7.5	50.7	7.5	12.6	56.4	12.7	2.5	19.4	2.5
Percent Chironomidae	21.6	44.4	21.8	13.5	73.8	13.6	9.9	30.8	9.9	17.8	62.7	17.9	16.9	35.1	16.9
Percent Hydropsychidae	1.6	71.5	1.6	1.6	70.0	1.6	7.1	71.2	7.2	3.2	89.5	3.2	0.2	86.6	0.2
Percent Baetidae	10.4	30.2	10.4	6.5	18.1	6.5	5.2	26.7	5.2	2.3	51.1	2.3	1.8	49.5	1.8
Shannon Diversity	2.9	12.7	3.1	3.3	1.0	3.5	2.9	6.5	3.1	2.8	1.7	3.1	2.6	1.2	2.9
Tolerance Value	4.2	3.8	4.2	3.5	5.0	3.5	2.7	6.1	2.7	3.9	14.5	4.0	3.5	6.5	3.5
Percent Intolerant (0-2)	18.0	19.3	17.9	30.2	2.2	30.3	49.6	12.4	49.7	23.8	19.8	23.7	30.3	15.2	30.3
Percent Tolerant (8-10)	9.2	55.8	9.1	4.3	41.1	4.4	3.1	48.5	3.1	10.5	69.3	10.5	6.1	12.9	6.1
Percent Collectors	50.5	8.4	50.4	37.2	11.8	37.0	27.5	24.4	27.5	43.7	24.7	43.8	46.3	9.6	46.4
Percent Filterers	2.7	52.0	2.7	1.9	29.1	1.9	7.7	71.5	7.7	3.6	81.2	3.6	1.1	48.3	1.1
Percent Grazers	25.8	24.6	25.9	25.1	19.0	25.1	47.0	14.8	47.0	32.6	34.3	32.5	35.1	12.4	35.0
Percent Predators	14.1	49.1	14.0	24.1	6.7	24.1	12.1	21.5	12.1	10.7	18.4	10.8	11.2	7.0	11.2
Percent Shredders	5.9	33.1	6.0	11.0	12.7	11.0	5.4	39.3	5.4	8.9	2.7	8.8	6.1	18.7	6.1
Total Percentages	99.0	1.7	99.0	99.2	0.8	99.2	99.7	0.3	99.7	99.4	1.0	99.4	99.8	0.4	99.8