RADIOECOLOGICAL STUDIES
ON THE
COLUMBIA RIVER
Part II

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APPENDIX A

BETA MEASUREMENTS IN COLUMBIA RIVER BIOTA

NET PLANKTON

ENTIRE ORGANISM

PICOCURIES TOTAL BETA PER GRAM

PICOCURIES 32 P PER GRAM

Date	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-15-66	1	7940		1	30700		1	46100		1	2440		1	9430		1	14200	
3-8-66	1	18900		1	73000		1	110000		1	4600		1	17800		1	26700	
3-29-66	1	16400		1	63400		1	95300		1	5560		1	21500		1	32300	
4-19-66	1	3660		1	14100		1	21200		1	1310		1	5050		1	7600	
5-13-66	2	4090	167	2	10300	420	2	13200	538	2	2250	131	2	5650	330	2	7230	422
5-31-66	1	5430		1	13600		1	17500		1	899		1	2260		1	2900	
6-21-66	1	1350		1	3380		1	4330		1	353		1	886		1	1130	
7-12-66	3	168	18.5	3	410	45.2	3	489	53.9	3	39.4	39.4	3	96.2	96.2	3	115	115
7-20-66	3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.	
7-26-66	2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.	
8-2-66	3	101	5.57	3	326	18.1	3	428	23.7	3	n.d.		3	n.d.		3	n.d.	
8-12-66	3	71.4	2.67	3	239	8.93	3	322	12.0	3	n.d.		3	n.d.		3	n.d.	
8-18-66	3	38.9	38.9	3	149	149	3	214	214	3	n.d.		3	n.d.		3	n.d.	
8-23-66	3	204	69.0	3	568	192	3	751	254	3	n.d.		3	n.d.		3	n.d.	
8-24-66	3	723	116	3	2730	438	3	3990	639	3	150	9.90	3	570	31.5	3	331	54.6
8-25-66	3	1090	100	3	4230	389	3	6050	557	3	729	7.03	3	2820	27.2	3	4040	39.0
8-26-66	3	2690	191	3	9940	705	3	13800	981	3	1790	38.2	3	6620	141	3	9210	197
8-27-66	3	2810	53.7	3	11600	221	3	17100	326	3	1950	65.2	3	8050	269	3	11900	396
8-29-66	1	7960		1	34100		1	50400		1	3030		1	12900		1	19100	
8-30-66	3	3850	45.3	3	14700	173	3	21300	250	3	1580	25.7	3	6050	98.4	3	8750	142
8-31-66	3	3740	44.0	3	15000	176	3	21400	251	3	2030	15.2	3	8110	60.9	3	11600	87.0
9-1-66	3	6210	93.1	3	22500	338	3	33700	506	3	3560	54.8	3	12900	199	3	19400	297
9-2-66	3	4080	95.7	3	17900	420	3	26300	618	3	3250	62.5	3	14200	274	3	21000	404
9-6-66	3	8400	1760	3	39800	8340	3	57000	11900	3	4360	358	3	20700	1700	3	29600	2430
9-8-66	3	4970	128	3	21300	550	3	30500	786	3	2880	82.8	3	12400	355	3	17700	508
9-13-66	3	9670	224	3	34700	803	3	48000	1110	3	3700	66.4	3	13300	238	3	18400	330
9-20-66	3	12100	155	3	53700	656	3	73000	892	3	4120	122	3	17400	515	3	23600	701
10-4-66	3	12600	501	3	38100	1520	3	49200	1960	3	5170	119	3	15700	360	3	20300	465
10-25-66	1	21500		1	74400		1	98500		1	10500		1	36200		1	47900	
11-15-66	1	17700		1	53500		1	71700		1	6770		1	20500		1	27400	
12-6-66	1	22800		1	69500		1	92800		1	6670		1	20300		1	27200	
12-27-66	1	24000		1	62600		1	80400		1	7560		1	19800		1	25400	
1-16-67	1	23300		1	68900		1	93100		1	9510		1	28100		1	37900	

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NET PLANKTON

(CONTINUED)

ENTIRE ORGANISM

Date	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES 32 P PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-6-67	1	2710		1	8050		1	11500		1	8070		1	24000		1	34300	
2-27-67	1	39700		1	137000		1	200000		1	8640		1	29800		1	43500	
3-20-67	1	4470		1	15800		1	23200		1	2860		1	10100		1	14800	
4-11-67	2	11400	102	2	39600	354	2	58100	519	2	3030	20.4	2	10500	70.9	2	15400	104
5-3-67	1	10100		1	33800		1	51100		1	3380		1	11300		1	17100	
5-22-67	3	7030	673	3	16200	1560	3	19600	1880	3	1980	207	3	4580	478	3	5520	577
7-12-67	3	9740	1740	3	22800	4060	3	26800	4770	3	1800	361	3	4210	845	3	4950	994
7-26-67	3	6420	887	3	18900	2610	3	24400	3370	3	1110	123	3	3280	362	3	4230	466
8-2-67	2	7450	351	2	29200	1380	2	39000	1840	2	1520	111	2	5940	436	2	7950	583
8-9-67	3	5970	228	3	24800	948	3	34800	1330	3	2220	62.2	3	9230	258	3	13000	362
8-16-67	2	8530	68.8	2	33100	267	2	44900	363	2	2840	33.5	2	11000	130	2	15000	176
8-24-67	3	7900	66.8	3	31100	263	3	43200	366	3	6480	97.9	3	25500	386	3	35400	535
9-6-67	3	16200	603	3	61100	2270	3	85700	3190	3	7900	709	3	29700	2670	3	41700	3750
9-22-67	2	10100	703	2	33400	2330	2	44500	3110	2	5540	329	2	18400	1090	2	24500	1460

PERIPHYTON

ENTIRE ORGANISM

PICO CURIES						TOTAL BETA PER GRAM			PICO CURIES 32 P PER GRAM									
WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			
Date	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-16-66	1	7600		1	25400		1	45000		1	3210		1	10700		1	19000	
3-8-66	1	6600		1	22100		1	39100		1	3940		1	13200		1	23300	
3-29-66	3	7600	393	3	25400	1310	3	45000	2300	3	5500	168	3	18200	563	3	32300	995
4-19-66	1	6390		1	25000		1	46400		1	6420		1	25100		1	46600	
7-11-66	4	1620	119	4	6340	588	4	11300	1250	4	1120	122	4	4400	555	4	7830	1120
7-20-66	2	358	14.5	2	1540	62.3	2	4030	163	2	310	15.1	2	1340	65.0	2	3490	170
7-26-66	3	171	49.2	3	769	221	3	1630	470	3	108	10.6	3	485	47.7	3	1030	101
8-2-66	2	74.6	3.27	2	335	14.7	2	712	31.2									
8-12-66	3	59.5	30.7	3	220	114	3	585	302	3	n.d.		3	n.d.		3	n.d.	
8-18-66	3	81.7	2.24	3	343	9.41	3	1100	30.3	3	n.d.		3	n.d.		3	n.d.	
8-23-66	3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.	
8-24-66	3	509	9.66	3	2050	38.8	3	1900	208	3	179	12.2	3	720	48.9	3	3850	262
8-25-66	2	1160	60.5	2	5270	276	2	25100	1310	2	832	44.1	2	3790	201	2	18100	957
8-26-66	1	4180		1	17200		1	85900		1	3720		1	15300		1	76600	
8-27-66	2	9180	1020	2	68800	7630	2	320000	35500	2	6550	650	2	49100	4880	2	228000	22700
8-29-66	1	20000		1	77100		1	32100		1	12200		1	46800		1	19500	
8-30-66	1	14400		1	60900		1	208000		1	12000		1	50600		1		
9-1-66	3	14700	3230	3	66600	14600	3	324000	70900	3	11100	2360	3	50400	10700	3	245000	51800
9-6-66	1	17100		1	78500		1	406000		1	15600		1	71400		1	369000	
9-13-66	3	18100	533	3	72700	2140	3	239000	7060	3	11800	495	3	47600	1990	3	157000	6560
10-4-66	1	12600		1	58400		1	284000		1	9240		1	42800		1	20800	
10-25-66	3	14800	335	3	73300	1650	3	263000	5950	3	7970	384	3	39400	1900	3	141000	6810
11-15-66	3	19600	232	3	103000	1220	3	377000	4450	3	11600	88.9	3	61100	468	3	223000	1710
12-6-66	3	9900	405	3	48600	1990	3	124000	5090	3	6250	272	3	30700	1330	3	78500	3420
12-27-66	3	12400	858	3	50700	3520	3	96700	6700	3	8710	731	3	35700	2990	3	68000	5710
1-16-67	3	6820	256	3	26200	983	3	51000	1910	3	6060	227	3	23300	873	3	45400	1700
2-6-67	1	9480		1	37600		1	65700		1	5350		1	21200		1	37000	
2-27-67	1	12900		1	45800		1	85500		1	7440		1	26300		1	49100	
7-26-67	1	43700		1	117000		1	182000		1	22300		1	59600		1	92600	
8-2-67	1	22500		1	70600		1	128000		1	14100		1	44300		1	80100	
8-16-67	1	33200		1	115000		1	297000		1	21400		1	74400		1	191000	
8-24-67	1	25200		1	87700		1	226000		1	22800		1	79500		1	205000	
9-6-67	3	42000	640	3	191000	2920	3	612000	9320	3	41800	1550	3	190000	7050	3	669000	22500
9-22-67	3	23500	822	3	88700	3110	3	237000	9560	3	20300	1020	3	76700	3840	3	23600	11800

PERIPHYTON

(SLIDES)

ENTIRE ORGANISM

Date	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES 32 P PER GRAM			ASH WEIGHT		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-25-66	1	14700									700				
7-29-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
8-4-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
8-11-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
8-18-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
8-24-66	1	1190									n.d.				
9-1-66	1	14900									8960				
9-8-66	1	15100									10300				
9-15-66	1	21300									8110				
9-22-66	1	14200									12200				
9-29-66	1	21800									13400				
11-16-66	1	24900									11500				
12-8-66	1	22600									8940				
12-28-66	1	20800									11400				
1-18-67	1	30900									22500				
2-7-67	1	16600									10800				

FILAMENTOUS GREEN ALGAE

ULOTHRIX SP.

ENTIRE ORGANISM

PICOCURIES				TOTAL BETA			PER GRAM			PICOCURIES 32 P PER GRAM									
WET WEIGHT				DRY WEIGHT			ASH WEIGHT			WET WEIGHT				DRY WEIGHT			ASH WEIGHT		
Date	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	
2-15-66	3	7050	803	3	30500	3470	3	67600	7700	3	4740	113	3	20500	488	3	45500	1080	
3-8-66	1	8720		1	47200		1	112000		1	6050		1	32800		1	77600		
3-29-66	3	8070	302	3	47100	1770	3	104000	3880	3	7220	260	3	42200	1520	3	92700	3340	
4-19-66	3	8620	1640	3	47600	9050	3	115000	21900	3	8280	696	3	45700	3840	3	111000	9290	
6-21-66	3	2920	359	3	7980	981	3	11030	1360	3	2250	172	3	6150	470	3	8500	650	

FILAMENTOUS GREEN ALGAE

CLADOPHORA SP.

ENTIRE ORGANISM

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P PER GRAM			ASH WEIGHT		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
7-20-66	3	47.8	24.5	3	204	103	3	429	216	3	n.d.		3	n.d.		3	n.d.	
7-26-66	1	126		1	358		1	576		1	n.d.		1	n.d.		1	n.d.	
8-2-66	3	113	5.33	3	437	20.6	3	518	24.4	3	n.d.		3	n.d.		3	n.d.	
8-18-66	3	37.7	37.7	3	111	111	3	271	271	3	n.d.		3	n.d.		3	n.d.	
8-23-66	3	34.5	34.5	3	118	118	3	711	711	3	n.d.		3	n.d.		3	n.d.	
8-24-66	3	232	21.9	3	799	75.4	3	4010	378	3	n.d.		3	n.d.		3	n.d.	
8-25-66	3	593	10.4	3	2020	35.3	3	6540	114	3	411	6.37	3	1400	21.7	3	4530	70.2
8-26-66	3	1610	30.4	3	5360	101	3	17700	335	3	1180	10.1	3	3910	33.5	3	12900	111
8-27-66	2	3280	57.3	2	10200	178	2	36000	629	3	2200	138	3	6830	428	3	24100	1510
8-29-66	3	12000	264	3	39400	863	3	183000	4020	3	6950	195	3	22700	637	3	106000	2970
8-30-66	3	7770	813	3	25600	2680	3	118000	12400	3	4690	1280	3	15500	4230	3	71500	19500
9-1-66	3	9250	169	3	28700	524	3	122000	2230	3	6360	158	3	19700	491	3	84100	2100
9-6-66	3	15100	12.7	3	48200	40.4	3	182000	153	3	12200	332	3	39000	1060	3	147000	410
9-13-66	3	10600	92.1	3	32800	285	3	99600	866	3	7230	64.8	3	22400	201	3	68000	609
10-4-66	3	11400	269	3	37200	879	3	123000	2910	3	7490	24.4	3	24400	79.6	3	80900	263
10-25-66	3	8940	257	3	40800	1170	3	121000	3490	3	5670	288	3	25900	1300	3	77000	3910
11-15-66	1	13400		1	47700		1	121000		1	8870		1	30300		1	77000	
12-6-66	1	7080		1	22000		1	66800		1	3740		1	11600		1	35300	
8-24-67	3	15800	258	3	45900	751	3	90000	1470	3	10700	284	3	31100	827	3	60800	1620
9-6-67	3	15400	257	3	41900	700	3	101000	1680	3	9150	208	3	24900	564	3	59900	1360
9-13-67	3	19300	414	3	47000	1010	3	93400	2000	3	13100	350	3	31800	851	3	63200	1690
9-22-67	3	20500	421	3	58800	1200	3	127000	2610	3	16200	410	3	46200	1170	3	100000	2540

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FILAMENTOUS GREEN ALGAE				MIXED				ENTIRE ORGANISM										
PICOCURIES				TOTAL BETA			PER GRAM			PICOCURIES 32 P PER GRAM								
WET WEIGHT				DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
Date	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
6-21-66	3	2900	370	3	7930	1010	3	11000	1400	3	2230	175	3	6090	478	3	6420	661
1-16-67	1	12400		1	44600		1	82500		1	11800		1	42400		1	78500	
2-6-67	1	34200		1	184000		1	883000		1	12900		1	69500		1	334000	
2-27 67	3	9190	1030	3	34000	3810	3	96400	10100	3	5900	627	3	21800	2320	3	58000	6170
7-17 67	1	6370								1	6010							

SPONGE

SPONGILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
8-29-66	1	7810		1	17900		1	n.d.		1	1200		1	2760		1	n.d.	
9-1-66	1	4900		1	14000		1	21800		1	1800		1	5130		1	8010	
9-6-66	1	6840		1	18400		1	30500		1	4530		1	12200		1	20200	
9-13-66	1	7110		1	21400		1	34800		1	3470		1	10500		1	17000	
10-4-66	2	5590	116	2	16300	337	2	26500	550	2	2970	76.7	2	8620	223	2	14100	364
10-25-66	3	6300	403	3	24600	1570	3	42400	2650	3	2350	96.5	3	9170	377	3	15400	634
11-15-66	1	6530		1	20300		1	32300		1	2840		1	8820		1	14000	
12-6-66	1	4020		1	9530		1	15400		1	1660		1	3950		1	6380	
12-27-66	2	3860	30.9	2	10900	86.7	2	18000	144	2	1480	274	2	4160	769	2	6900	1270
1-16-67	3	6980	95.0	3	17100	233	3	n.d.		3	3150	71.3	3	7730	175	3	n.d.	
2-6-67	1	6080		1	13100		1	19600		1	2130		1	4600		1	6870	
9-22-67	2	8450	176	2	20400	425	2	30200	627	2	6240	152	2	15100	368	2	22300	543

CADDISFLIES

HYDROPSYCHIDAE

LARVAE

PICOGRUES				TOTAL BETA			PER GRAM			PICOGRUES				32 P			PER GRAM		
WET WEIGHT				DRY WEIGHT			ASH WEIGHT			WET WEIGHT				DRY WEIGHT			ASH WEIGHT		
DATE	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	
2-15-66	1	2440		1	8430		1	82500		1	1960		1	6770		1	66200		
3-8-66	1	2850		1	9860		1	96400		1	1490		1	5160		1	50400		
3-29-66	3	2840	141	3	9810	488	3	95900	4780	3	1920	120	3	6650	413	3	65000	4040	
4-19-66	3	3690	147	3	10600	424	3	152000	6060	3	4030	148	3	11600	428	3	166000	6110	
5-31-66	1	2020		1	7000		1	68400		1	1060		1	3680		1	36000		
6-21-66	1	1200		1	4150		1	40600		1	941		1	3250		1	31800		
8-2-66	2	67.1	7.79	2	243	28.2	2	1510	175	2	n.d.		2	n.d.		2	n.d.		
8-12-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		
8-18-66	2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.		
8-23-66	3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.		
8-24-66	2	79.3	0.582	2	271	5.04	2	2570	131	2	n.d.		2	n.d.		2	n.d.		
8-25-66	2	119	7.29	2	428	26.3	2	4040	247	2	n.d.		2	n.d.		2	n.d.		
8-26-66	3	393	2.95	3	1440	10.8	3	11800	80.6	3	268	17.0	3	979	62.3	3	8030	511	
8-27-66	3	1010	10.1	3	3660	36.5	3	40200	401	3	796	9.99	3	2890	36.2	3	31700	398	
8-29-66	3	3360	118	3	12300	435	3	122000	4310	3	2240	77.4	3	8210	284	3	81500	2820	
8-30-66	1	3080		1	10600		1	104000		1	3240		1	11200		1	109000		
9-1-66	3	3540	59.8	3	12200	207	3	120000	2020	3	3080	77.0	3	10700	266	3	104000	2600	
9-6-66	3	8350	66.5	3	29700	236	3	234000	1860	3	8700	150	3	30900	532	3	244000	4190	
9-13-66	3	8590	342	3	31700	1260	3	288000	11500	3	7900	384	3	29200	1420	3	265000	12900	
10-4-66	1	9310		1	32200		1	315000		1	8470		1	29300		1	286000		
10-25-66	3	6040	212	3	21800	765	3	200000	7020	3	4520	212	3	16300	767	3	150000	7040	
11-15-66	3	6530	3.89	3	23900	14.2	3	244000	146	3	5390	84.0	3	19700	308	3	201000	3140	
12-6-66	2	4680	23.5	2	15700	78.8	2	149000	749	2	3900	10.4	2	13100	34.8	2	124000	330	
12-27-66	1	3880		1	13400		1	131000		1	2510		1	8670		1	84800		
1-16-67	3	3630	50.5	3	12800	178	3	126000	1760	3	2990	41.9	3	10600	148	3	104000	1460	
2-6-67	3	3770	129	3	12400	424	3	158000	5400	3	2320	26.0	3	7650	85.7	3	97500	1090	
2-27-67	3	4460	62.8	3	15400	217	3	151000	2120	3	2730	24.9	3	9440	86.2	3	92400	843	
3-22-67	3	2350	46.4	3	6890	136	3	93200	1840	3	1580	72.4	3	4630	212	3	62600	2870	

CADDISFLIES

HYDROPSYCHIDAE

(CONTINUED)

LARVAE

PICOCURIES				TOTAL BETA			PER GRAM			PICOCURIES				32 P	PER GRAM				
WET WEIGHT				DRY WEIGHT			ASH WEIGHT			WET WEIGHT				DRY WEIGHT			ASH WEIGHT		
DATE	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	
5-3-67	3	2350	89.4	3	7440	283	3	70800	2700	3	2460	133	3	7810	422	3	74300	4010	
7-26-67	1	3780		1	13000		1	128000		1	3760		1	13000		1	127000		
8-2-67	1	4950		1	17100		1	167000		1	4390		1	15200		1	148000		
8-9-67	1	7650		1	23200		1	84700		1	7260		1	22000		1	80300		
8-16-67	1	12600		1	44400		1	344000		1	9980		1	35300		1	273000		
8-24-67	3	16900	692	3	59600	2450	3	439000	18000	3	15600	330	3	55000	1170	3	405000	8580	
9-6-67	2	26400	388	2	98000	1440	2	759000	11200	2	28300	1500	2	105000	5580	2	811000	43200	
9-13-67	1	37600		1	130000		1	1290000		1	37300		1	129000		1	1280000		
9-22-67	3	18800	1330	3	61700	4350	3	337000	23800	3	19000	1410	3	62400	4620	3	341000	25300	

MAYFLIES

BAETIS SPP.

NYMPHS

PICOCURIES				TOTAL BETA			PER GRAM			PICOCURIES				32 P			PER GRAM		
WET WEIGHT				DRY WEIGHT			ASH WEIGHT			WET WEIGHT				DRY WEIGHT			ASH WEIGHT		
DATE	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	
5-31-66	1	4540		1	15600		1	132000		1	2470		1	8500		1	71900		
6-21-66	1	2260		1	7780		1	65700		1	1180		1	4080		1	34500		

MIDGES

CHIRONOMIDAE

LARVAE

PICO CURIES			TOTAL BETA			PER GRAM			PICO CURIES 32 P PER GRAM									
WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			
Date	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-15-66	1	5280		1	25200		1	187000		1	5270		1	25100		1	187000	
3-8-66	1	5430								1	5290							
3-29-66	1	5110								1	5620							
4-20-66	1	9510								1	12000							

LIMPET

FISHEROLA MUTTALLI

SHELL

DATE	PICO CURIES			TOTAL BETA			PER GRAM			PICO CURIES 32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-16-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
3-8-66	3	259	17.8	3	292	20.0	3	324	22.2	3	n.d.		3	n.d.	
3-29-66	3	290	14.3	3	293	14.5	3	320	15.9	3	77.2	77.2	3	78.0	78.0
4-19-66	3	231	14.2	3	250	15.3	3	258	15.8	3	85.8	85.8	3	92.7	92.7
8-23-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
8-24-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
8-25-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
8-26-66	1	169		1	190		1	211		1	n.d.		1	n.d.	
8-27-66	1	276		1	309		1	359		1	n.d.		1	n.d.	
8-29-66	1	703		1	750		1	1060		1	363		1	388	
8-30-66	1	1100		1	1200		1	1360		1	600		1	656	
9-6-66	1	1170		1	1320		1	1470		1	846		1	954	
9-13-66	1	1480		1	1770		1	1850		1	1130		1	1390	
10-4-66	1	2180		1	2510		1	2690		1	1560		1	1800	
10-25-66	1	1110		1	1390		1	1450		1	574		1	723	
11-15-66	2	464	24.8	2	531	28.4	2	607	32.5	2	239	40.4	2	274	46.3
11-21-66	1	256		1	289		1	320		1	n.d.		1	n.d.	
12-6-66	3	489	15.0	3	905	27.8	3	1300	40.0	3	251	4.06	3	464	7.52
12-27-66	3	264	21.0	3	307	24.4	3	328	26.1	3	206	19.6	3	239	22.8
1-16-67	3	250	5.74	3	271	6.21	3	280	6.43	3	121	60.8	3	131	65.9
2-6-67	3	602	14.2	3	825	19.4	3	856	20.2	3	294	17.9	3	403	24.5
2-27-67	1	438		1	508		1	565		1	194		1	225	
9-6-67	1	3920		1	4330		1	4750		1	3260		1	3610	
9-22-67	2	1580	4.06	2	1750	4.49	2	1920	4.93	1	1360		1	1500	

A-13

LIMPET

FISHEROLA NUTTALLI

SOFT PARTS

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-16-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
3-8-66	3	1170	50.1	3	1860	79.1	3	41100	1750	3	831	27.4	3	1310	43.3	3	29100	961
3-29-66	3	1540	22.8	3	3820	56.5	3	51200	758	3	1290	13.6	3	3200	33.8	3	42900	453
4-19-66	3	2150	46.9	3	9440	206	3	79200	1730	3	2440	61.4	3	10700	269	3	89800	2260
8-23-66	1	44		1	226		1	1490		1	n.d.		1	n.d.		1	n.d.	
8-24-66	1	119		1	600		1	3240		1	n.d.		1	n.d.		1	n.d.	
8-25-66	1	92		1	470		1	3100		1	n.d.		1	n.d.		1	n.d.	
8-26-66	1	305		1	1560		1	10300		1	214		1	1090		1	7190	
8-27-66	1	581		1	3230		1	19400		1	438		1	2430		1	14600	
8-29-66	1	2390		1	11000		1	62100		1	1620		1	7460		1	42000	
8-30-66	1	2570		1	12400		1	72500		1	2230		1	10800		1	63000	
9-1-66	1	2880		1	14500		1	80700		1	2570		1	13000		1	72000	
9-6-66	1	5560		1	28400		1	187000		1	5540		1	28300		1	186000	
9-13-66	1	6640		1	35300		1	214000		1	3250		1	17300		1	105000	
10-4-66	1	3920		1	20100		1	125000		1	3340		1	17200		1	106000	
10-25-66	1	3690		1	21500		1	123000		1	3320		1	19400		1	111000	
11-15-66	2	4320	62.6	2	25100	363	2	201000	2910	2	4030	77.8	2	23400	452	2	187000	3620
11-21-66	1	3560		1	18200		1	120000		1	3410		1	17400		1	115000	
12-6-66	3	2460	56.5	3	5690	131	3	12000	277	3	2260	84.6	3	5230	196	3	11100	415
12-27-66	3	1840	57.7	3	8620	271	3	56400	6800	3	1760	79.1	3	8280	372	3	54200	6800
1-16-67	3	1500	51.0	3	8000	273	3	59800	2040	3	1610	48.2	3	8620	258	3	64400	1930
2-6-67	3	2150	7.87	3	10100	37.0	3	78400	287	3	1560	24.3	3	7350	114	3	57000	885
2-27-67	3	2160	67.9	3	10800	339	3	94500	2960	3	1580	56.1	3	7860	280	3	68800	2450
9-6-67	1	22200		1	98000		1	642000		1	20900		1	92000		1	604000	
9-22-67	2	16800	375	2	72500	1620	2	587000	13100	2	17100	296	2	73600	1280	2	596000	10300

A-14

CRAYFISH

ASTACUS TROMBRIDGII

ENTIRE ORGANISM

DATE	PICOCURIES			TOTAL BETA			PER GRAM			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
9-22-67	1	2290		1	9860		1	93100		1	2200		1	9490	
													1	89500	

WHITE STURGEON

ACIPENSER TRANSMONTANUS

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
7-12-66	7	18.2	5.82	7	87.2	32.0	7	761	205	7	14.5	6.15	7	71.2	32.4	7	595	229			
7-27-66	6	17.7	5.66	6	83.9	26.8	6	732	250	6	16.4	5.33	6	77.5	24.8	6	687	241			
8-4-66	7	18.5	10.4	7	88.1	48.4	6	800	438	7	17.5	10.6	7	83.7	49.3	6	744	453			
8-17-66	5	10.9	3.49	5	51.0	15.3	5	382	120	5	9.24	4.27	5	42.5	19.0	5	326	141			

WHITE STURGEON

ACIPENSER TRANSMONTAUS

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	2	5.86	2.29	2	29.0	11.4	2	543	213	2	10.4	1.54	2	51.4	7.64	2	963	143
3-15-66										2	18.3	9.04	2	90.7	44.7	2	1700	837
4-5-66	1	37.0		1	183		1	3430		1	43.5		1	215		1	4030	
4-26-66	2	11.1	1.99	2	59.2	13.1	2	1040	170	2	15.5	3.13	2	82.7	20.1	2	1460	271
5-17-66	6	54.1	13.4	6	321	83.4	6	5120	1240	6	59.1	14.4	6	350	89.8	6	5600	1330
6-8-66	3	24.5	11.9	3	97.3	36.3	3	2210	993	3	24.8	12.0	3	98.1	36.2	3	2240	1000
6-28-66	5	14.2	4.43	5	68.2	20.9	5	1370	412	5	14.9	4.63	5	72.6	23.0	5	1450	445
7-19-66	5	28.1	7.03	5	136	34.1	5	2430	600	5	28.3	7.32	5	137	35.3	5	2450	624
8-10-66	2	11.4	5.48	2	56.7	30.1	2	733	265	2	12.0	5.67	2	59.5	31.2	2	770	273
1-4-67	2	23.4	20.4	2	117	99.5	2	2180	1880	2	33.1	27.8	2	166	135	2	3080	2570
7-14-67	5	18.1	6.93	5	97.9	43.3	5	1850	727	5	19.5	7.13	5	104	45.1	5	1980	748
8-29-67										5	85.0	32.7	5	450	181	5	7850	2960

WHITE STURGEON

ACIPENSER TRANSMONTAUS

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
3-15-66	2	n.d.		2	n.d.		2	n.d.		2	19.8	19.8	2	87.2	87.2	2	617	617
4-5-66	1	55.6		1	244		1	1730		1	62.5		1	275		1	1940	
4-26-66	2	13.0	4.28	2	64.0	25.6	2	487	216	2	9.97	9.97	2	51.7	51.7	2	405	405
5-17-66	6	44.3	14.2	6	215	64.7	6	1130	340	6	36.9	14.2	6	179	65.8	6	939	344
6-7-66	3	25.8	12.4	3	110	62.1	3	843	307	3	20.6	12.8	3	98.1	61.1	3	640	363
6-28-66	5	10.1	4.26	5	44.1	18.8	5	329	141	5	3.59	3.59	5	15.9	15.9	5	96.4	96.4
7-19-66	5	24.4	7.98	5	111	36.6	5	766	263	5	16.7	6.84	5	78.1	32.0	5	519	216
8-10-66	2	10.9	10.9	2	48.8	48.8	2	343	343	2	11.1	11.1	2	49.7	49.7	2	349	349
1-4-67										2	22.3	8	2	122	47	2	632	150
7-14-67	5	22.7	12.5	5	99.4	54.8	5	538	257	5	26.7	12.8	5	115	55.3	5	733	303
8-29-67										5	164	76	5	808	404	5	5740	3040

WHITE STURGEON *

ACIPENSER TRANSMONTANUS

CUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-26-66	1	1690		1	5020					1	1800		1	5350				
5-17-66	6	641	149							6	545	143						
6-7-66	2	403	220	2	668	395	2	800	512	2	252	108	2	414	199	2	491	265
6-28-66	1	230		1	515		1	622		2	417	5.26	2	1020	102	2	1290	178
7-12-66	4	646	170	4	1600	425	4	1900	487	4	437	63	4	1080	165	4	1290	204
7-19-66	4	368	32	4	972	170	4	1200	237	4	341	25	4	886	146	4	1090	205
7-27-66	5	197	19.9	4	464	49.1	4	621	98.1	5	170	19.8	4	408	49.7	4	549	97.4
8-4-66	5	119	34.2	4	222	93.7	4	369	220	5	89.0	24.6	4	172	66.9	4	278	154
8-10-66	1	104								1	73.9							
8-17-66	3	135	49.4	1	190		1	228		3	28.3	28.3	2	n.d.		2	n.d.	
1-4-67	1	844																
7-14-67	3	560	277	3	2210	1240	3	3880	1930	3	488	240	3	1940	1080	3	3470	1660

CHINOOK SALMON

ONCORHYNCHUS Tshawytscha

ENTIRE MINUS GUT CONTENTS

SMALL FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
3-30-66	1	1490		1	7270		1	93300		1	1610		1	7850		1	101000	
4-20-66	3	3490	395	3	17300	2050	3	219000	24800	3	4350	513	3	21700	2660	3	273000	32200
5-10-66	4	3390	608	4	16600	3230	4	197000	23100	4	4170	732	4	20500	3920	4	242000	27800
5-31-66	2	2090	268	2	10400	1230	2	95200	12200	2	2075	325	2	10300	1510	2	94700	14800
4-12-67	2	557	199	2	2860	993	2	30000	10900	2	499	206	2	2570	1030	2	26900	11300
5-3 67	1	1420		1	7610		1	74700		1	1560		1	8350		1	82000	

CHINOOK SALMON

ONCORHYNCHUS Tshawytscha

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
7-12-66	2	2.95	2.95	2	9.57	9.57	2	140	140	2	n.d.		2	n.d.		2	n.d.		2	n.d.	

CHINOOK SALMON

ONCORHYNCHUS Tshawytscha

MUSCLE

LARGE FISH

<u>DATE</u>	<u>PICOCURIES</u>			<u>TOTAL BETA</u>			<u>PER GRAM</u>			<u>PICOCURIES</u>			<u>32 P</u>			<u>PER GRAM</u>		
	<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>			<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
6-7-66	1	5.41		1	21.1		1	475		1	6.77		1	26.4		1	595	
10-12-66	2	4.86	0.738	2	19.4	4.90	2	459	24.3	2	7.18	1.05	2	28.7	7.07	2	678	31.9

CHINOOK SALMON

OMCORHYNCHUS Tshawytscha

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES 32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
6-7-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	
10-12-66	2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.	

SOCKEYE SALMON

ONCORHYNCHUS NERKA

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
8-4-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	

RAINBOW TROUT

SALMO GAIRODRI

MUSCLE

LARGE FISH

<u>DATE</u>	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
5-17-66	1	100		1	536		1	8850		1	104		1	554		1	9130	

RAINBOW TROUT

SALMO GAIIRDNERI

CARCASS

LARGE FISH

<u>DATE</u>	<u>PICOCURIES</u>			<u>TOTAL BETA</u>			<u>PER GRAM</u>			<u>PICOCURIES</u>			<u>32 P</u>			<u>PER GRAM</u>		
	<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>			<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
5-17-66	1	387		1	1770		1	11500		1	395		1	1810		1	11700	

RAINBOW TROUT

SALMO GAIKNERI

GUT CONTENTS

LARGE FISH

<u>DATE</u>	<u>PICOCURIES</u>			<u>TOTAL BETA</u>			<u>PER GRAM</u>			<u>WET WEIGHT</u>			<u>PICOCURIES</u>			<u>32 F</u>			<u>PER GRAM</u>		
	<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>			<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>			<u>ASH WEIGHT</u>		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
5-17-66	1	451								1	358										

MOUNTAIN WHITEFISH

PROSOPIDUM WILLIAMSONI

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			WET WEIGHT			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
7-27-66	1	n.d.		1	n.d.		1	n.d.		1	46.7		1	161		1	1940				

MOUNTAIN WHITEFISH

PROSOPOM WILLIAMSONI

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	1	46.8		1	206		1	4130		1	58.7		1	259		1	5180		1		
5-17-66	4	101	32.7	4	404	133	4	8010	2590	4	114	27.9	4	450	119	4	9070	2160	4		
10-12-66	1	164		1	604		1	13900		1	169		1	623		1	14400		1		
11-2-66	1	209		1	908		1	17600		1	222		1	963		1	18700		1		
12-14-66	1	145		1	633		1	12700		1	179		1	783		1	15700		1		
1-4-67	1	625		1	2750		1	55100		1	1020		1	4490		1	90000		1		
7-14-67	2	12.0	0.807	2	70.1	7.75	2	1270	94.3	2	12.2	4.65	2	67.7	14.8	2	1300	502	2		

MOUNTAIN WHITEFISH

PROSOPHUM WILLIAMSONI

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	1	79.4		1	246		1	1710		1	61.5		1	191		1	1320				
5-17-66	4	465	260	4	1230	671	4	9050	4610	4	449	246	4	1190	636	4	8750	4370			
10-12-66	1	620		1	2000		1	16000		1	662		1	2140		1	17100				
11-2-66	1	433		1	1290		1	7870		1	485		1	1450		1	8800				
12-14-66	1	167		1	509		1	5090		1	185		1	565		1	5650				
1-4-67	1	2550		1	7900		1	54900		1	4380		1	13600		1	94300				
7-14-67	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.				

MOUNTAIN WHITEFISH

PROSOPITUM WILLIAMSONI

GUT CONTENTS

LARGE FISH

DATE	PICO CURIES			TOTAL BETA			PER GRAM			PICO CURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
5-17-66	3	1520	80.5							3	1410	75.0						
7-27-66	1	206								1	191							

BRIDGELIP SUCKER

CATOSTOMUS COLUMBIANUS

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT						ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
8-17-66	3	125	55.6	3	396	191	3	4940	2220	3	131	54.7	3	414	189	3	5140	2200			
8-25-66	2	12.1	3.24	2	32.5	8.14	2	448	128	2	6.53	6.53	2	17.3	17.3	2	245	245			

BRIDGELIP SUCKER

CATOSTOMUS COLUMBIANUS

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	1	253		1	953		1	22000		1	262		1	987		1	22800	
3-15-66	5	222	44.0	5	838	166	5	19300	3820	5	263	51.9	5	991	196	5	22900	4510
4-5-66	4	272	76.0	4	1020	286	4	23600	6600	4	344	98.5	4	1300	371	4	29900	8560
4-26-66	3	476	151	3	1950	619	3	43700	13200	3	571	145	3	2350	605	3	52500	12600
5-17-66	1	623		1	2830		1	50900		1	673		1	3054		1	55000	
6-7-66										1	45.1		1	181		1	3760	
8-10-66	3	115	17.6	3	436	67.1	3	9640	1680	3	113	20.4	3	429	77.8	3	9500	1910
8-31-66	2	367	26.4	2	1520	52.0	2	32200	3620	2	366	25.2	2	1520	47.3	2	32100	3510
9-21-66	1	1020		1	4770		1	92700		1	1910		1	8920		1	173000	
10-12-66	2	1180	355	2	4550	1410	2	113000	33300	2	1090	283	2	4210	1130	2	104000	26500
11-2-66	3	1020	282	3	3860	871	3	89700	24900	3	1160	280	3	4410	810	3	103000	24800
1-4-67	5	213	47.1	4	762	224	5	18600	4060	5	283	72.8	4	1030	351	5	24700	6280
1-24-67	2	200	58.9	2	667	194	2	17600	5330	2	189	55.6	2	629	183	2	16600	5040
2-15-67	3	179	17.6	3	603	59.7	3	16900	1530	3	171	16.3	3	577	57.6	3	16200	1380
7-14-67	1	185		1	991		1	15500		1	188		1	1010		1	15800	

BRIDGELIP SUCKER

CATOSTOMUS COLUMBIANUS

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	1	354		1	991		1	10200		1	354		1	992		1	10200		1	10200	
3-15-66	2	188	65.7	2	526	184	2	5430	1900	2	222	90.1	2	621	252	2	6410	2600	2	6410	2600
4-5-66	5	535	147	5	1500	412	5	15500	4250	5	649	209	5	1820	586	5	18800	6050	5	18800	6050
4-26-66	3	771	216	3	2180	690	3	22600	6010	3	1030	302	3	2900	958	3	30000	8430	3	30000	8430
5-17-66	1	872		1	4330		1	18400		1	986		1	4890		1	20800		1	20800	
6-7-66	1	90.9		1	228		1	2660		1	85.1		1	214		1	2490		1	2490	
8-10-66	3	169	48.3	3	448	144	3	5720	2000	3	170	44.7	3	450	133	3	5770	1920	3	5770	1920
8-31-66	2	994	225	2	3120	890	2	28100	5760	2	1020	180	2	3170	756	2	28700	4470	2	28700	4470
9-21-66	1	2900		1	8850		1	78900		1	4360		1	34100		1	119000		1	119000	
10-12-66	2	2170	598	2	5320	1600	2	64400	27200	2	2250	615	2	5510	1640	2	66700	28000	2	66700	28000
11-2-66	3	1500	257	3	4040	405	3	37100	2210	3	2010	472	3	5350	883	3	48800	5310	3	48800	5310
1-4-67	5	441	135	5	1140	369	5	10600	2560	5	582	186	5	1510	509	5	13900	3550	5	13900	3550
1-24-67	2	360	5.40	2	875	8.00	2	9980	1970	2	379	8.89	2	920	27.0	2	10600	2470	2	10600	2470
2-15-67	3	336	44.6	3	832	96.7	3	13300	2630	3	341	36.5	3	844	78.9	3	13500	2300	3	13500	2300
7-14-67	2	687	312	2	2750	1330	2	19900	9200	2	714	318	2	2850	1360	2	20700	9380	2	20700	9380

BRIDGELIP SUCKER

CATOSTOMUS COLUMBIANUS

GUT CONTENTS

LARGE FISH

DATE	PICO CURIES			TOTAL BETA			PER GRAM			PICO CURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	1	928								1	539							
3-15-66										5	4880	388						
4-5-66	5	6060	985							5	6250	110						
4-26-66	3	6410	1030	3	30300	5980	3	72300	13300	3	6500	1600	3	30900	8680	3	73600	19500
5-17-66	1	2480								1	2250							
6-7-66	1	1400		1	4000		1	6710		1	1170		1	3330		1	5600	
8-10-66	1	146		1	389		1	1030		1	113		1	301		1	802	
8-17-66	3	93.8	19.4	3	305	24.3	3	549	49.9	3	43.8	22.0	3	126	63.5	3	209	108
8-25-66	3	198	51.4	1	1680		1	4380		3	56.5	31.5	2	309	309	2	806	806
8-31-66	2	4490	155	2	18200	1610	2	44400	1130	2	3020	147	2	12300	1260	2	29900	1180
9-21-66	1	11700		1	54200		1	123000		1	7210		1	33400		1	75600	
10-12-66	1	9250		1	34000		1	64900		1	5290		1	19500		1	37100	
11-2-66	3	8920	757	3	42300	5050	3	140000	23900	3	6950	149	3	33600	5470	3	112000	24300
1-4-67	4	6390	1760	4	24900	7030	4	47200	12300	4	4610	1140	4	17700	4280	4	34000	7060
1-24-67	2	7690	3100	2	30000	10300	2	52800	21800	2	4950	2410	2	19200	8310	2	34000	16900
2-15-67	4	6170	118	4	20000	1080	4	34200	4560	4	4030	187	4	13200	1320	4	22700	4090
7-14-67	2	1340	342	2	3860	887	2	6440	833	2	1120	205	2	3230	506	2	5440	293

LARGESCALE SUCKER

CATOSTOMUS MACROCHELIUS

ENTIRE MINUS GUT CONTENTS

SMALL FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
3-9-66	2	334	32.8	2	1690	166	2	11200	1110	2	250	4.55	2	1260	23.0	2	8410	153
3-30-66	2	630	8.84	2	3180	44.7	2	21200	298	2	635	25.3	2	3210	128	2	21400	854
6-21-66	1	1350		1	6840		1	45600		1	1370		1	6930		1	46200	
7-12-66	2	1250	1250	2	5980	5980	2	38200	38200	2	1190	1190	2	5660	5660	2	36200	36200
8-29-66	3	1620	135	3	8240	699	3	56700	3860	3	1410	131	3	7150	678	3	49200	3820
9-2-66	3	3550	69.0	3	18000	349	3	120000	2330	3	3830	20.2	3	19400	102	3	129000	679
9-6-66	3	8780	326	3	45700	2420	3	296000	16700	3	9000	232	3	46800	1880	3	304000	13100
9-14-66	2	13900	1040	2	70400	5240	2	469000	34900	2	13600	1020	2	68700	5160	2	458000	34400
10-5-66	2	8610	583	2	41400	3690	2	274000	53400	2	11100	931	2	53200	5610	2	353000	74300
10-26-66	2	6240	750	2	31500	3790	2	210000	25300	2	7090	858	2	35800	4340	2	239000	28900
2-7-67	1	358		1	1590		1	8710		1	317		1	1410		1	7200	

LARGESCALE SUCKER

CATOSTOMUS MACROCHEILUS

ENTIRE MINUS OUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
7-12-66	1	669		1	1920		1	20200		1	646		1	1860		1	19500	
7-27-66	6	164	86.5	6	635	373	6	5180	2800	6	157	80.5	6	605	346	6	4910	2610
8-4-66	5	56.6	24.4	5	184	77.1	5	1800	780	5	56.6	21.8	5	189	66.0	5	1780	730
8-17-66	5	75.4	38.9	5	261	135	5	2670	1490	5	73.0	43.3	5	252	150	5	2630	1630
8-25-66	6	20.4	4.21	6	62.1	12.8	6	567	116	6	17.4	6.09	6	53.3	18.4	6	457	165

LARGESCALE SUCKER

CATOSTOMUS MACROCHEILAE

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	7	150	43.1	7	681	195	7	13800	3940	7	163	48.9	7	737	221	7	14900	4470
3-15-66	9	181	26.7	9	844	131	9	16600	2450	9	176	29.0	9	823	144	9	16200	2670
4-5-66	5	201	49.9	5	912	226	5	18400	4570	4	235	95.6	4	1060	433	4	21500	8750
4-26-66	5	204	67.6	5	829	237	5	17700	6000	5	260	87.9	5	1060	310	5	22600	7800
5-17-66	6	189	34.2	6	860	153	6	17020	2960	6	208	38.5	6	945	172	6	18700	3350
6-7-66	2	112	74.7	2	475	267	2	10600	7000	5	100	29.4	5	436	117	5	9280	2670
6-28-66	6	87.1	27.9	6	391	116	6	7540	2360	6	76.4	27.4	6	345	115	6	6610	2320
7-19-66	3	74.3	29.1	3	318	115	3	6670	2680	3	71.5	28.6	3	306	113	3	6410	2630
8-10-66	2	14.2	0.374	2	53.3	4.69	2	769	522	2	13.0	0.531	2	49.2	7.59	2	738	527
8-31-66	6	29.0	8.81	6	134	46.8	6	1760	406	6	27.4	9.83	6	127	51.1	6	1590	466
9-21-66	5	425	163	5	1970	744	5	44000	15900	5	443	151	5	2050	688	5	45800	14700
10-12-66	6	403	148	6	1790	714	5	40700	18300	6	390	140	6	1730	673	5	39400	17200
11-2-66	6	295	29.4	6	1200	150	6	28100	2630	6	317	29.7	6	1290	150	6	30300	2770
11-29-66	6	226	37.8	6	914	159	6	20600	3290	6	246	38.5	6	995	161	6	22400	3340
12-14-66	6	115	21.9	5	450	94.2	6	10400	1940	6	141	28.5	5	549	124	6	12800	2500
1-4-67	5	95.8	11.2	5	452	58.4	5	9110	1130	5	119	15.6	5	561	80.4	5	11300	1550
1-24-67	6	55.9	14.9	6	258	71.5	6	4770	1250	6	53.3	14.4	6	246	69.1	6	4550	1210
2-15-67	6	122	40.7	6	494	180	6	11100	3210	6	118	39.4	6	476	174	6	10600	3110
7-14-67	6	79.9	12.4	6	406	60.4	6	7300	1210	6	84.7	12.8	6	431	62.1	6	7740	1250
8-29-67										4	801	247	4	4310	1320	4	60000	21300

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DATE	LARGESCALE SUCKER										CATOSTOMUS MACROCHEILUS										LARGE FISH									
	PICOCURIES					TOTAL BETA					PER GRAM					PICOCURIES					32 P					PER GRAM				
	WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT				
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	6	268	65.7	6	850	208	6	5990	1470	6	267	65.9	6	847	209	6	847	209	6	5960	1470	6	847	209	6	5960	1470	6	847	209
3-15-66	8	354	22.6	8	1170	72.2	8	7830	549	8	428	92.3	8	1470	346	8	1470	346	8	7730	1050	8	1470	346	8	7730	1050	8	1470	346
4-5-66	5	386	161	5	1220	447	5	8620	3150	5	443	201	5	1400	637	5	1400	637	5	9870	4490	5	1400	637	5	9870	4490	5	1400	637
4-26-66	5	330	90.8	5	1020	254	5	7750	2050	5	427	142	4	1310	403	4	1310	403	4	9970	3280	4	1310	403	4	9970	3280	4	1310	403
5-17-66	6	370	71.6	6	1090	195	6	8610	1740	6	386	74.7	6	1130	198	6	1130	198	6	8960	1850	6	1130	198	6	8960	1850	6	1130	198
6-7-66	3	172	9.56	3	516	24.4	3	4610	818	3	143	20.8	3	423	63.8	3	423	63.8	3	3630	891	3	423	63.8	3	3630	891	3	423	63.8
6-28-66	6	177	43.0	6	530	147	6	5470	1730	6	159	37.1	6	474	127	6	474	127	6	4880	1520	6	474	127	6	4880	1520	6	474	127
7-19-66	3	171	76.3	3	572	244	3	3150	1450	3	162	74.5	3	542	239	3	542	239	3	2980	1410	3	542	239	3	2980	1410	3	542	239
8-10-66	2	19.0	1.02	2	49.4	0.632	2	451	171	2	7.54	7.54	2	18.3	18.3	2	18.3	18.3	2	234	234	2	18.3	18.3	2	234	234	2	18.3	18.3
8-31-66	6	35.9	12.2	6	110	38.3	6	847	293	6	37.2	12.9	6	114	40.5	6	114	40.5	6	879	310	6	114	40.5	6	879	310	6	114	40.5
9-21-66	6	1060	409	6	3710	1530	6	24800	8150	6	1270	552	6	4470	2060	6	4470	2060	6	29400	11000	6	4470	2060	6	29400	11000	6	4470	2060
10-12-66	6	970	349	6	3210	1340	6	28300	10000	6	1010	371	6	3350	1420	6	3350	1420	6	29300	10600	6	3350	1420	6	29300	10600	6	3350	1420
11-2-66	6	627	67.5	6	1880	262	6	14900	2440	6	647	123	6	1970	408	6	1970	408	6	15500	3650	6	1970	408	6	15500	3650	6	1970	408
11-29-66	6	584	111	6	1830	361	6	14900	2540	6	678	136	6	2120	441	6	2120	441	6	17200	3110	6	2120	441	6	17200	3110	6	2120	441
12-14-66	6	235	40.4	6	782	128	6	5540	1040	6	274	48.5	6	915	162	6	915	162	6	6470	1260	6	915	162	6	6470	1260	6	915	162
1-4-67	5	225	29.7	5	704	105	5	4050	457	5	304	52.0	5	949	181	5	949	181	5	5400	693	5	949	181	5	5400	693	5	949	181
1-24-67	6	113	31.4	6	389	108	6	2360	641	6	110	31.5	6	377	108	6	377	108	6	2280	640	6	377	108	6	2280	640	6	377	108
2-15-67	6	506	224	6	1460	636	6	10400	4540	6	509	228	6	1470	648	6	1470	648	6	10500	4630	6	1470	648	6	10500	4630	6	1470	648
7-14-67	6	179	30.8	6	609	98.9	6	3480	593	6	193	33.1	6	657	110	6	657	110	6	3740	636	6	657	110	6	3740	636	6	657	110
8-20-67	3			3			3			3	6450	1410	3	24500	4240	3	24500	4240	3	155000	30400	3	24500	4240	3	155000	30400	3	24500	4240

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LARGESCALE SUCKER	CATOSTOMUS MACROCHIRILUS										LARGE FISH																																		
	PICOEURIES					TOTAL BETA					PER GRAM					CUT CONTENT					PICOEURIES					32 P					PER GRAM														
	WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT				
	N	MEAN	S.E.	N	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.													
2-22-66	2	3870	173	2	n.d.	2	n.d.		2	3230	400	2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.														
3-15-66	5	6120	2420	4	16100	5100	3	37100	8240	3	6540	2780	3	11200	5600	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750												
4-5-66	4	3840	1180	3	3650	1700	3	5880	2690	3	1720	672	3	11800	4240	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750												
4-26-66	3	2010	774	3	3650	1700	3	5880	2690	3	1720	672	3	11800	4240	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750												
5-17-66	3	1130	508	3	3650	1700	3	5880	2690	3	1720	672	3	11800	4240	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750												
6-7-66	3	1130	508	3	3650	1700	3	5880	2690	3	1720	672	3	11800	4240	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750	3	34500	5750												
6-28-66	1	1410		1	6750		1	18500		1	1160		1	5540		1	15200		1	15200		1	15200		1	15200		1	15200		1	15200													
7-12-66	3	303	110	3	1040	438	3	1550	681	3	252	97.7	3	864	386	3	1300	601	3	1300	601	3	1300	601	3	1300	601	3	1300	601	3	1300	601												
7-19-66	6	166	31.7	6	538	84.2	6	960	181	6	137	40.1	6	431	118	6	767	231	6	767	231	6	767	231	6	767	231	6	767	231	6	767	231												
7-27-66	5	124	16.7	4	406	54.3	4	607	132	4	93.6	24.5	5	278	80.3	5	418	143	5	418	143	5	418	143	5	418	143	5	418	143	5	418	143												
8-4-66	2	36.1	36.1	2	129	129	2	246	246	2	18.6	18.6	2	73.4	73.4	2	93.0	93.0	2	93.0	93.0	2	93.0	93.0	2	93.0	93.0	2	93.0	93.0	2	93.0	93.0												
8-10-66	4	102	19.1	3	384	69.2	4	640	164	4	20.3	20.3	4	73.4	73.4	4	152	152	4	152	152	4	152	152	4	152	152	4	152	152	4	152	152												
8-17-66	4	104	35.4	4	318	109	4	517	211	4	18.6	18.6	4	73.4	73.4	4	152	152	4	152	152	4	152	152	4	152	152	4	152	152	4	152	152												
8-25-66	1	10600		1	9660	2560	1	n.d.		1	5130		1	7110	1310	1	9060	2200	1	9060	2200	1	9060	2200	1	9060	2200	1	9060	2200	1	9060	2200												
8-31-66	2	3960	1380	2	9240	1430	2	12300	3530	2	2900	868	2	6000	861	2	7590	895	2	7590	895	2	7590	895	2	7590	895	2	7590	895	2	7590	895												
9-21-66	2	3460	503	4	21500	8040	4	35400	12000	4	4940	1500	4	15200	5180	4	25300	840	4	25300	840	4	25300	840	4	25300	840	4	25300	840	4	25300	840												
10-12-66	4	6940	2400	6	15300	2490	5	19100	4870	6	3110	406	6	9490	1700	6	12300	3560	6	12300	3560	6	12300	3560	6	12300	3560	6	12300	3560	6	12300	3560												
11-2-66	6	5060	549	4	7170	385	4	8280	382	4	2360	176	4	5060	427	4	5880	623	4	5880	623	4	5880	623	4	5880	623	4	5880	623	4	5880	623												
11-29-66	4	3370	277	4	7030	1310	4	7460	681	4	2380	172	4	6990	1070	4	7460	282	4	7460	282	4	7460	282	4	7460	282	4	7460	282	4	7460	282												
1-4-67	4	2350	170	4	13500	5530	4	20000	8900	4	3810	746	4	12300	2520	4	17500	4160	4	17500	4160	4	17500	4160	4	17500	4160	4	17500	4160	4	17500	4160												
1-24-67	4	3970	1540	3	17100	6280	3	31000	16000	3	3220	744	3	11900	5140	3	21900	12700	3	21900	12700	3	21900	12700	3	21900	12700	3	21900	12700	3	21900	12700												
2-15-67	3	4800	811	6	4360	478	5	6460	584	6	1280	157	6	3620	488	6	5680	584	6	5680	584	6	5680	584	6	5680	584	6	5680	584	6	5680	584												
7-14-67	6	1550	158	4	13600	1580	4	32400	2480	4	4470	515	4	11500	1310	4	28100	4130	4	28100	4130	4	28100	4130	4	28100	4130	4	28100	4130	4	28100	4130												
8-29-67	4	5240	450																																										

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CARP

CYPRINUS CARPIO

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOGRAPHS			TOTAL BETA			PER GRAM			PICOGRAPHS			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
8-4-66	1	163		1	519		1	4430		1	153		1	488		1	4170	
8-17-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	

CARP	CYPRIUS CARPIO						MUSCLE						LARGE FISH					
	PICOCURIES			TOTAL BETA			PER GRAM			ASH WEIGHT			WET WEIGHT			PICOCURIES		
	WET WEIGHT			DRY WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	1	12.9		1	59.4		1	1280		1	14.4		1	66.3		1	1430	
4-26-66	2	78.3	63.9	2	403	329	2	7590	6120	2	102	81.4	2	527	418	2	9920	7780
5-17-66	2	6.23	2.22	2	24.7	14.1	2	704	223	2	7.88	2.00	2	30.5	15.0	2	897	168
6-7-66													1	188		1	3530	
7-19-66	1	77.3		1	318		1	6900		1	39.6		1	386		1	7040	
8-10-66	1	18.2		1	80.5		1	1780		1	15.2		1	67.4		1	1490	
9-21-66	1	234		1	1200		1	20100		1	233		1	1196		1	20000	

CARP

CYPRINUS CARPIO

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	1	33.3		1	105		1	673		1	32.2		1	101		1	651				
4-26-66	2	144	88.1	2	575	370	2	2790	1660	2	189	117	2	759	491	2	3690	2210			
5-17-66	2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.		2	n.d.				
6-7-66										1	88.8		1	259		1	1690				
7-19-66	1	163		1	550		1	2990		1	163		1	555		1	2990				
8-10-66	1	45.4		1	125		1	746													
9-21-66	1	1060		1	4020		1	21800		1	1110		1	4190		1	22700				

CARP

CYPRINUS CARPIO

GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
5-17-66	1	464								1	231										
6-7-66	1	256		1	958		1	3990		1	236		1	882		1	3670				
7-19-66	1	593		1	2930		1	6620		1	528		1	2610		1	5890				
8-4-66	1	344								1	321										
8-10-66	1	142		1	613		1	1450													

REDSIDE SHINER

RICHARDESONIUS BALTEATUS

ENTIRE MINUS GUT CONTENTS

SMALL FISH

DATE	PICOGRAPHS			TOTAL BETA			PER GRAM			PICOGRAPHS			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
3-9-66	3	403	121	3	1780	535	3	12500	3760	3	341	98.8	3	1500	436	3	10600	3070
3-30-66	3	734	13.0	3	3100	90.3	3	21100	854	3	700	11.0	3	2960	164	3	20200	1070
4-20-66	3	1420	43.4	3	6070	278	2	42100	4450	3	1770	52.9	3	7600	342	2	52100	6040
5-10-66	1	1700		1	7520		1	52900		1	2010		1	8890		1	62500	
5-31-66	3	1960	157	3	8730	737	3	43600	19200	3	3500	1670	3	15700	7600	3	91800	62100
6-21-66	2	1000	283	2	4460	1240	2	26900	6380	2	974	316	2	4350	1390	2	26100	7255
7-12-66	2	721	85.1	2	3070	296	2	23700	4810	2	682	71.0	2	2910	334	2	22400	4240
8-3-66	3	450	41.5	3	1990	213	3	13700	1680	3	470	30.5	3	2080	166	3	14300	1370
8-29-66	2	955	88.5	2	4220	391	2	29600	2750	2	708	57.5	2	3120	254	2	22000	1790
9-2-66	2	2720	110	2	12000	484	2	84500	3400	2	2830	158	2	12500	697	2	87700	4900
9-6-66	3	8030	539	3	37700	2770	3	290000	27900	3	8100	570	3	38100	2920	3	293000	29000
9-14-66	3	10800	625	3	54900	1780	3	409000	23800	3	10400	595	3	52800	2050	3	394000	25100
10-5-66	3	8520	756	3	37200	3930	3	287000	33900	3	10800	1420	3	47200	6950	3	364000	57600
10-26-66	3	6580	570	3	28300	2290	3	212000	27300	3	7260	673	3	31200	2550	3	234000	31900
11-16-66	4	3870	319	4	15700	1320	4	125000	12600	4	4090	344	4	16500	1430	4	132000	13600
12-7-66	3	2440	183	3	9750	607	3	76300	5480	3	2730	220	3	10900	748	3	85400	6640
12-28-66	1	1150		1	4960		1	33900		1	1330		1	5740		1	39200	
1-17-67	3	737	19.0	3	3300	106	3	22300	1160	3	816	37.3	3	4660	190	3	24700	1720
2-7-67	3	626	59.9	3	2770	249	3	19300	1800	3	530	35.6	3	2350	132	3	16400	964
3-1-67	3	678	33.8	3	3410	343	3	22900	1990	3	801	173	3	3960	707	3	26800	5390
3-22-67	3	672	27.4	3	3030	119	3	19600	1090	3	592	29.7	3	2670	134	3	17200	1190
4-12-67	3	666	39.3	3	2940	174	3	18700	1330	3	622	48.6	3	2740	207	3	17400	1490
5-3-67	3	949	36.3	3	4160	161	3	24700	1930	3	1020	24.6	3	4480	105	3	26500	1650

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DATE	REDSIDE SKINNER			RICHARDSONIUS BALTEATUS			CARCASS			LARGE FISH								
	PICOQUIRIES			TOTAL BETA			PER GRAM			PICOQUIRIES 32 P			PER GRAM					
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
10-12-66	1	705		1	2020		1	15900		1	728		1	2090		1	16500	
12-14-66	1	115		1	387		1	2770		1	127		1	431		1	3080	

NORTHERN SQUANFISH

PTYCHOCELLUS OREGONENSIS

ENTIRE MINUS GUT CONTENTS

SMALL FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
3-9-66	3	317	5.72	3	1440	26.0	3	10000	181	3	262	5.31	3	1190	24.2	3	8270	167
3-30-66	2	502	13.1	2	2260	85.9	2	14700	1570	2	484	15.7	2	2180	96.8	2	14200	1600
4-20-66	2	1010	21.4	2	4580	97.6	2	31800	677	2	1190	40.8	2	5400	186	2	37400	1290
5-31-66	3	1160	214	3	5490	1040	3	37000	6820	3	1150	223	3	5400	1080	3	36400	7100
6-21-66	3	586	296	3	2340	1190	3	11900	6010	3	564	283	3	2260	1130	3	11400	5730
8-3-66	3	441	34.5	3	2820	731	3	19300	4230	3	444	39.1	3	2800	660	3	19200	3770
8-29-66	1	1010		1	4990		1	41300		1	851		1	4210		1	34800	
9-2-66	1	438		1	2000		1	13800		1	465		1	2120		1	14700	
9-6-66	1	7600		1	37200		1	303000		1	7730		1	37800		1	309000	
9-14-66	2	6870	104	2	34200	140	2	267000	12500	2	6520	84.9	2	32500	63.1	2	253000	11400
10-5-66	3	7300	353	3	32300	1980	3	245000	23400	3	8380	577	3	37000	3030	3	282000	32500
10-26-66	3	5550	134	3	23600	404	3	185000	9130	3	6020	167	3	25500	253	3	197000	14800
11-16-66	2	2800	151	2	12800	686	2	88200	4750	2	2880	189	2	13100	858	2	90700	5950
12-7-66	1	1790		1	8130		1	56400		1	1890		1	8610		1	59700	
12-28-66	1	977		1	4450		1	30800		1	1110		1	5070		1	35100	
1-17-67	3	526	28.5	3	2330	126	3	13100	712	3	554	30.8	3	2450	136	3	13800	769
2-7-67	3	243	68.1	3	1090	332	3	7080	2640	3	192	57.7	3	863	280	3	5600	2200
3-1-67	1	307		1	1400		1	7970		1	1090		1	4990		1	28400	

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NORTHERN SQUAWFISH

PTYCHOCEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT						ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
8-4-66	2	6.30	6.30	2	25.1	25.1	2	211	211	2	n.d.		2	n.d.		2	n.d.		2	n.d.	
8-17-66	5	21.7	3.28	5	82.5	10.9	5	681	80.0	5	19.7	1.81	5	74.9	5.36	5	623	46.3	5	623	46.3

NORTHERN SQUAWFISH

PTYCHOCELLUS OREGONENSIS

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	5	32.9	20.1	5	173	106	5	3160	1930	5	46.6	30.3	5	245	159	5	4470	2900			
4-26-66	2	9.75	1.71	2	49.6	7.61	2	942	119	2	12.3	1.65	2	62.4	7.02	2	1190	101			
5-17-66	6	27.0	6.32	6	146	34.9	6	2620	635	6	29.3	6.69	6	158	37.1	6	2840	674			
6-7-66	6	29.7	7.29	6	154	39.5	6	2790	663	6	30.0	7.64	6	155	41.4	6	2810	695			
6-28-66	1	17.0		1	87.1		1	1650		1	18.4		1	94.1		1	1780				
7-19-66	6	24.3	7.38	6	129	35.1	6	2310	664	6	25.5	7.55	6	135	36.0	6	2420	678			
8-10-66	5	22.3	3.24	5	114	16.9	5	2030	321	5	17.8	4.86	5	90.2	25.2	5	1590	455			
8-31-66	3	16.5	5.82	3	83.4	26.4	3	1620	535	3	18.8	7.99	3	94.2	36.8	3	1830	742			
9-21-66	4	106	18.9	4	566	108	4	10600	1930	4	104	16.0	4	555	93.0	4	10400	1650			
11-2-66	1	15.7		1	92.0		1	1680		1	14.5		1	85.2		1	1560				
12-14-66	1	63.3		1	329		1	6300		1	19.1		1	411		1	7880				
7-14-67	6	22.7	3.04	6	115	14.7	5	1930	292	6	22.9	3.29	6	116	15.9	5	1970	330			
8-29-67										2	75.2	22.0	2	436	72.7	2	7290	1730			

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NORTHERN SQUAWFISH

PTYCHOCELLUS OREGONENSIS

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	5	2.78	2.78	5	10.2	10.2	5	63.7	63.7	5	n.d.		5	n.d.		5	n.d.	
4-26-66	2	7.82	7.82	2	29.5	29.5	2	189	189	2	n.d.		2	n.d.		2	n.d.	
5-17-66	6	38.5	13.2	6	153	54.0	6	725	240	6	38.5	12.3	6	152	49.5	6	720	220
6-7-66	6	45.7	12.2	6	156	39.7	6	821	203	6	45.4	12.8	6	155	41.7	6	816	216
6-28-66	1	26.7		1	89.8		1	602		1	21.9		1	73.7		1	494	
7-19-66	6	42.5	19.5	6	156	68.1	6	960	438	6	37.9	19.7	6	139	69.2	6	859	440
8-10-66	5	46.2	10.5	5	160	38.1	5	1210	288	5	40.7	12.4	5	140	44.6	5	1080	328
8-31-66	3	34.2	24.4	3	115	82.1	3	664	486	3	31.8	31.8	3	107	107	3	629	629
9-21-66	4	275	36.3	4	993	158	4	8120	1660	4	275	34.8	4	996	156	4	8160	1650
11-2-66	1	24.9		1	91.9		1	421										
12-14-66	1	180		1	732		1	4430		1	199		1	808		1	4890	
7-14-67	6	37.0	5.81	6	138	21.8	6	830	128	6	36.2	9.52	6	136	35.0	6	831	212
8-29-67										2	142	51.6	2	607	154	2	2720	762

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NORTHERN SQUAWFISH

PTYCHOCHELIUS OREGONENSIS

GUT CONTENTS

LARGE FISH

DATE	PICO CURIES			TOTAL BETA			PER GRAM						PICO CURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	1	96.8								1	87.2										
5-17-66	1	178								1	118										
7-19-66	1	328		1	1950		1	10500		1	285		1	1690		1	9140				
8-31-66	2	226	83.1	2	2070	743	2	20600	6380	2	n.d.		2	n.d.		2	n.d.				
9-21-66	1	657								1	391										
9-26-66	2	1880	111	2	20800	2720	2	156000	7990	2	1700	199	2	18900	3550	2	140000	943			

CHISELMOUTH

ACROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENTS

SMALL FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P	PER GRAM				
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
10-5-66	1	6850		1	28700		1	180000		1	6910		1	29000		1	182000	

CHISELMOUTH

ACROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
7-27-66	6	80.0	10.0	6	315	52.8	6	2760	379	6	87.0	9.25	6	338	41.6	6	3010	394			
8-4-66	6	107	31.8	6	404	124	6	3470	1140	6	104	31.5	6	394	125	6	3390	1140			
8-17-66	6	47.3	11.3	6	170	42.8	6	1720	458	6	47.2	11.6	6	170	43.5	6	1720	462			
8-25-66	5	30.2	7.60	5	103	26.0	5	924	238	5	26.9	7.36	5	91.8	25.1	5	805	208			

CHISELMOUTH

ACROCHEILUS ALUTACEUS

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
3-15-66	4	91.6	23.0	4	421	106	4	8990	2260	5	88.4	19.5	5	406	89.5	5	8670	1910			
4-5-66	5	126	31.3	5	579	144	5	12300	3071	5	140	43.0	5	644	198	5	13700	4220			
4-26-66	6	176	27.2	6	768	116	6	17000	2790	6	233	35.8	6	1020	153	6	22500	3680			
5-17-66	5	208	35.4	5	946	158	5	19600	3180	5	226	35.8	5	1030	159	5	21400	3170			
6-7-66	5	69.2	25.3	5	336	120	5	6810	2500	6	71.8	22.6	6	336	108	6	6980	2240			
6-28-66	1	55.2		1	289		1	5700		1	51.9		1	272		1	5360				
8-10-66	5	49.2	6.37	5	229	26.3	5	4570	415	5	48.2	6.27	5	224	26.0	5	4470	398			
8-31-66	6	115	33.7	6	513	152	6	11400	3370	6	135	28.4	6	592	132	6	13100	2930			
9-21-66	5	950	17.4	5	4450	101	5	91800	1920	5	1400	85.4	5	6560	389	5	135000	8670			
10-12-66	6	1390	142	6	7280	1780	6	129000	12100	6	1450	163	6	7640	1950	6	134000	14100			
11-2-66	5	609	42.4	5	2480	175	5	60400	4800	5	723	51.5	5	2940	208	5	71400	5110			
12-14-66	6	206	24.5	6	861	105	6	19300	1980	6	237	28.5	6	992	124	6	22200	2320			
1-4-67	1	115		1	470		1	11000		1	152		1	619		1	14400				
2-15-67	1	112		1	352		1	12100		1	110		1	346		1	11900				
7-14-67	5	88.0	27.8	5	471	150	5	10900	3710	5	92.1	29.6	5	492	159	5	11400	3950			
8-29-67										1	5910		1	28700		1	524000				

CHISELMOUTH

ACROCHEILUS ALUTACEUS

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			'PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
3-15-66	4	123	36.8	4	376	113	4	3270	980	6	186	70.5	6	570	216	6	4960	1880			
4-5-66	5	249	51.2	5	764	157	5	6650	1370	5	266	67.1	5	815	206	5	7090	1790			
4-26-66	6	424	62.7	6	1300	216	6	11700	2790	6	546	85.7	6	1670	294	6	15000	3740			
5-17-66	6	747	98.5	6	2150	323	6	22000	3690	6	734	105	6	2110	342	6	21500	3750			
6-7-66	5	221	91.2	5	713	291	5	4880	2360	6	242	79.3	6	766	251	6	5470	2050			
6-28-66	1	111		1	376		1	1960		1	107		1	362		1	1880				
8-10-66	6	74.1	12.0	6	230	35.4	5	2090	99.6	6	67.9	14.6	6	209	44.7	6	1680	342			
8-31-66	6	229	58.9	6	714	159	6	7140	1160	6	235	58.7	6	733	158	6	7370	1260			
9-21-66	6	2330	89.0	6	7290	267	6	62500	3260	6	2480	128	6	7760	333	6	66600	4060			
10-12-66	6	2180	243	6	6280	797	6	66100	10800	6	2330	268	6	6730	872	6	70800	11700			
11-2-66	5	1160	57.2	5	3510	229	5	33200	4590	5	1360	76.8	5	4100	314	5	39000	5850			
12-14-66	6	347	43.8	6	944	92.4	5	8500	1020	6	410	54.2	6	1120	121	5	10200	1200			
1-4-67	1	211		1	540		1	3850		1	263		1	676		1	4820				
2-15-67	1	382		1	1170		1	10200		1	369		1	1130		1	9840				
7-14-67	5	186	46.4	5	695	188	5	4260	1070	5	201	53.6	5	753	215	5	4630	1250			
8-29-67										1	9380		1	32800		1	357000				

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CHISELMOUTH

ACROCHEILUS ALUTACEUS

GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			GUT CONTENTS			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
3-15-66										6	3930	1790									
4-5-66	5	5990	1150							5	6630	1490									
4-26-66	6	6180	1750	6	24800	6360	6	48300	11700	6	4580	818	6	18700	2780	6	37000	6130			
5-17-66	6	3170	187							6	2610	113									
6-7-66	4	1910	258	3	6580	596	3	9660	1190	4	1420	168	3	4970	341	3	7060	862			
6-28-66										1	2050		1	9690		1	15600				
7-27-66	6	198	17.2	6	964	58.4	6	1850	254	6	149	6.07	6	727	27.2	6	1380	145			
8-4-66	6	109	24.7	6	529	115	6	1040	236	6	75.9	29.5	6	365	127	6	724	247			
8-10-66	6	85.2	4.55	5	413	30.8	5	1180	75.5	6	36.5	16.5	5	134	82.1	5	347	214			
8-17-66	6	57.3	4.79	6	244	22.9	6	516	88.6												
8-25-66	5	215	41.2	4	973	173	4	2840	771	5	79.3	33.2	5	337	138	5	942	450			
8-31-66	5	490	162	4	18400	1610	4	36600	7800	5	2920	222	4	13600	1120	4	26600	4800			
9-21-66	6	8510	371	6	52600	2400	6	161000	20400	6	5960	466	6	36700	2630	6	114000	18900			
10-12-66	6	7330	834	6	38900	6220	6	89000	18800	6	4260	531	6	22800	4240	6	52300	11800			
11-2-66	4	5960	354	1	20000		1	39700		4	5020	202	1	15700		1	31200				
12-14-66	1	3560		1	12300		1	30300		1	2930		1	10200		1	24900				
2-15-67	1	8920		1	32200		1	52200		1	5900		1	21300		1	34500				
7-14-67	4	1560	320	4	6050	1450	4	10900	2200	4	1290	218	4	4950	928	4	8980	1560			
8-29-67	1	14900		1	38800		1	99800		1	13900		1	36100		1	92800				

A-57

PEAMOUTH

MYLOCHEILUS CAURINUS

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P	PER GRAM				
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
6-21-66	2	637	112	2	2590	491	2	19800	1760	2	597	235	2	2430	989	2	18300	5770

PEAMOUTH	<u>MYLOCHEILUS CAURINUS</u>									
	PICOQUIES					MUSCLE				
	TOTAL BETA					PER GRAM				
	DRY WEIGHT					ASH WEIGHT				
DATE	PICOQUIES		N		S.E.	N		N		S.E.
	WET WEIGHT	S.E.	WET WEIGHT	S.E.		WET WEIGHT	S.E.	WET WEIGHT	S.E.	
	N	MEAN	N	MEAN		N	MEAN	N	MEAN	
3-15-66										
4-5-66	1	72.2								
9-21-66	1	110	1	586		1	10200			
12-14-66	1	170	1	728		1	16800			
LARGE FISH										
	PICOQUIES		32 P		S.E.	PICOQUIES		32 P		S.E.
	WET WEIGHT	S.E.	WET WEIGHT	S.E.		WET WEIGHT	S.E.	WET WEIGHT	S.E.	
	N	MEAN	N	MEAN		N	MEAN	N	MEAN	
	1	39.6								
	1	81.2								
	1	102				1	548	1	9530	
	1	210				1	897	1	20700	

PEANOUTH

MYLOCHEILUS CAURINUS

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
4-5-66	1	123								1	149							
9-21-66	1	203		1	668		1	3710		1	225		1	742		1	4120	
12-14-66	1	281		1	958		1	7720		1	340		1	1160		1	9340	

PEANOUTH

MYLOCHEILUS CAURINUS

GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P	PER GRAM				
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
3-15-66										1	514							
4-5-66	1	1110								1	1130							
12-14-66	1	948		1	2340		1	6090		1	839		1	2070		1	7160	

DATE	<u>RHINICHTHYS</u> SP.						ENTIRE MINUS GUT CONTENTS						SMALL FISH					
	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES	32 P	PER GRAM			
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
8-29-66	1	763		1	3090		1	25200		1	747		1	3020		1	24700	

THREESPINE STICKLEBACK

GASTROSTEUS ACULEATUS

ENTIRE MINUS GUT CONTENTS

SMALL FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	NET WEIGHT			DRY WEIGHT			ASH WEIGHT			NET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
5-31-66	1	1430		1	5430		1	31200		1	1330		1	5060		1	29100	
6-21-66	1	1260		1	4910		1	26500		1	1200		1	4680		1	25200	
7-12-66	3	3250	279	3	12000	1130	3	76700	9640	3	3030	305	3	11200	1220	3	71700	9750
8-3-66	3	887	136	3	3320	542	3	21900	4790	3	939	140	3	3520	558	3	23200	4960

YELLOW PERCH

PERCA FLAVESCENS

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
3-15-66										1	7.44							
6-28-66	1	38.5		1	206		1	3150		1	36.6		1	196		1	3000	

YELLOW PERCH

PERCA FLAVESCENS

CARCASS

LARGE FISH

DATE	PICOCURIRES			TOTAL BETA			PER GRAM			PICOCURIRES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
3-15-66										1	n.d.		1	n.d.		1	n.d.	
6-28-66	1	102		1	304		1	1050		1	74.4		1	223		1	773	

SMALLMOUTH BASS

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			WET WEIGHT			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
7-27-66	1	33.9		1	131		1	721		1	34.0		1	132		1	730		1	730	
8-17-66	4	41.8	6.88	4	277	139	4	1070	219	4	44.1	9.65	4	315	182	4	1120	282			

SMALLMOUTH BASS

MICROPTERUS DOLOMIEUI

MUSCLE

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM						PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
2-22-66	1	10.4		1	51.5		1	886		1	8.23		1	40.8		1	702		1		
4-5-66	3	6.38	0.669	3	31.6	3.32	3	544	57.1	3	7.24	0.637	3	35.9	3.16	3	617	54.3	3		
6-28-66	2	12.6	0.356	2	59.2	1.61	2	1020	12.4	2	13.2	1.40	2	62.1	6.66	2	1080	131	2		
8-10-66	1	23.7		1	120		1	2050		1	22.0		1	111		1	1900		1		
8-31-66	1	23.0		1	103		1	1980		1	24.0		1	108		1	2080		1		
9-21-66	8	631	328	8	2960	1530	8	52100	27000	8	622	315	8	2920	1460	8	51300	25800	8		
10-12-66	5	164	10.1	5	728	58.5	5	14500	845	5	166	9.23	5	735	54.3	5	14600	735	5		
12-14-66	2	28.1	4.48	2	117	18.5	2	2400	401	2	31.7	7.18	2	132	29.7	2	2710	634	2		

SMALLMOUTH BASS

MICROPTERUS DOLOMIEUI

CARCASS

LARGE FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.		3	n.d.	
6-28-66	2	11.3	11.3	2	36.5	36.5	2	233	233	2	14.5	14.5	2	40.5	40.5	2	176	176
8-10-66	1	46.1		1	137		1	636		1	48.2		1	143		1	664	
8-31-66	1	724		1	2150		1	16500		1	688		1	2040		1	15700	
9-21-66	8	584	116	8	1690	335	8	9070	1460	8	561	127	8	1620	367	8	8710	1680
10-12-66	5	494	60.4	5	1340	177	5	7410	817	5	501	57.4	5	1390	169	5	7510	770
12-14-66	2	47.6	2.27	2	130	5.09	1	747		2	50.8	1.22	2	139	4.54	1	858	

SMALLMOUTH BASS

MICROPTERUS DOLOMIEUI

GUT CONTENTS

LARGE FISH

<u>DATE</u>	<u>PICOCURIES</u>			<u>TOTAL BETA</u>			<u>PER GRAM</u>			<u>PICOCURIES</u>			<u>32 P</u>			<u>PER GRAM</u>		
	<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>			<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
8-10-66	1	506		1	2070		1	9800		1	472		1	1930		1	9150	
8-17-66	2	320	22.1	1	1470		1	10400		2	297	20.4	1	1370		1	9680	

SCULPIN

COTTUS SPP.

ENTIRE MINUS GUT CONTENTS

SMALL FISH

DATE	PICOCURIES			TOTAL BETA			PER GRAM			PICOCURIES			32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
6-21-66	1	1640								1	1470							
7-12-66	2	776	365	2	3250	1530	2	23500	11800	2	743	359	2	3110	1500	1	22500	11500

AMERICAN SHAD

ALOSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENTS

LARGE FISH

DATE	PICOGRUES			TOTAL BETA			PER GRAM			PER GRAM			PICOGRUES 32 P			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
8-17-66	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	

BURBOT

LOTA LOTA

MUSCLE

LARGE FISH

DATE	PICO CURIES			TOTAL BETA			PER GRAM			PICO CURIES			32 F			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
7-14-67	1	10.6		1	53.8		1	1060		1	11.0		1	55.7		1	1090	

<u>DATE</u>	<u>LOT A LOT A</u>			<u>CARCASS</u>			<u>LARGE FISH</u>								
	<u>PICOCURIES</u>			<u>TOTAL BETA</u>			<u>PER GRAM</u>			<u>PICOCURIES</u>			<u>32 P</u>		
	<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>			<u>ASH WEIGHT</u>			<u>WET WEIGHT</u>			<u>DRY WEIGHT</u>		
	<u>PER GRAM</u>			<u>PER GRAM</u>			<u>PER GRAM</u>			<u>PER GRAM</u>			<u>PER GRAM</u>		
	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>	<u>N</u>	<u>MEAN</u>	<u>S.E.</u>
7-14-67	1	n.d.		1	n.d.		1	n.d.		1	n.d.		1	n.d.	

APPENDIX B

GAMMA MEASUREMENTS IN COLUMBIA RIVER BIOTA

NET PLANKTON

ENTIRE ORGANISM

DATE	PICOGRAPHS OF CS 137				PER GRAM ASH				PICOGRAPHS OF CS 144				PER GRAM ASH			
	WET WEIGHT	MEAN	S.E.	N	WET WEIGHT	MEAN	S.E.	N	WET WEIGHT	MEAN	S.E.	N	WET WEIGHT	MEAN	S.E.	N
2-15-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
3-8-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
3-29-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
4-19-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
5-13-66	2	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
5-31-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
6-21-66	2	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
7-12-66	3	2	2	3	6	6	7	3	0	0	0	3	0	0	0	3
7-20-66	3	2	2	3	5	5	6	3	0	0	0	3	0	0	0	3
7-20-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
8-2-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
8-18-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
8-23-66	3	5	5	3	13	13	17	3	159	81	3	3	601	876	3	3
8-24-66	3	7	7	3	28	28	40	3	165	11	3	3	640	916	3	3
8-25-66	3	25	25	3	102	102	150	3	0	0	0	3	0	0	0	3
8-26-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
8-27-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
8-29-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-30-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-31-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-1-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-2-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-3-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-4-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-5-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-6-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-7-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-8-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-9-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-10-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-11-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-12-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-13-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-14-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-15-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-16-66	3	0	0	3	0	0	0	3	0	0	0	3	0	0	0	3
9-17-66	2	0	0	2	0	0	0	2	0	0	0	2	0	0	0	2
9-18-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-19-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-20-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-21-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-22-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-23-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-24-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-25-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-26-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-27-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-28-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-29-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-30-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-31-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
9-1-66	1	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
 	

NET PLANKTON

ENTIRE ORGANISM

DATE	PICOCURIES OF SC 46					PER GRAM					PICOCURIES OF CO 60					PER GRAM				
	WET WEIGHT			DRY WEIGHT		ASH WEIGHT			WET WEIGHT			DRY WEIGHT		ASH WEIGHT						
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
2-15-66	1	2311	0	1	8926	0	1	13419	0	1	316	0	1	1221	0	1	1836	0		
3- 8-66	1	9	0	1	36	0	1	55	0	1	2	0	1	6	0	1	9	0		
3-29-66	1	1211	0	1	4677	0	1	7031	0	1	0	0	1	0	0	1	0	0		
4-19-66	1	586	0	1	2264	0	1	3403	0	1	0	0	1	0	0	1	0	0		
5-13-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0		
5-31-66	1	712	0	1	1788	0	1	2291	0	1	0	0	1	0	0	1	0	0		
6-21-66	2	264	184	2	663	461	2	849	590	2	0	0	2	0	0	2	0	0		
7-12-66	3	62	15	3	152	36	3	181	43	3	0	0	3	0	0	3	0	0		
7-20-66	3	29	0	3	78	1	3	92	1	3	0	0	3	0	0	3	0	0		
7-26-66	3	21	2	3	66	6	3	84	7	3	0	0	3	0	0	3	0	0		
8- 2-66	3	83	44	3	270	144	3	354	189	3	0	0	3	0	0	3	0	0		
8-18-66	3	11	5	3	35	16	3	384	345	3	0	0	3	0	0	3	0	0		
8-23-66	3	103	12	3	286	33	3	381	43	3	0	0	3	0	0	3	0	0		
8-24-66	3	177	112	3	670	423	3	977	617	3	0	0	3	0	0	3	0	0		
8-25-66	3	270	29	3	1046	112	3	1497	161	3	0	0	3	0	0	3	0	0		
8-26-66	3	508	169	3	1876	590	3	2613	821	3	0	0	3	0	0	3	0	0		
8-27-66	3	142	38	3	584	155	3	861	228	3	0	0	3	0	0	3	0	0		
8-29-66	3	309	19	3	1321	80	3	1953	119	3	0	0	3	0	0	3	0	0		
8-30-66	3	166	14	3	635	52	3	918	75	3	0	0	3	0	0	3	0	0		
8-31-66	3	256	25	3	1026	100	3	1464	143	3	0	0	3	0	0	3	0	0		
9- 1-66	3	206	11	3	748	39	3	1120	58	3	0	0	3	0	0	3	0	0		
9- 2-66	3	169	12	3	740	55	3	1089	81	3	0	0	3	0	0	3	0	0		
9- 6-66	3	300	25	3	1423	120	3	2038	172	3	0	0	3	0	0	3	0	0		
9- 8-66	3	207	207	3	890	890	3	1273	1273	3	0	0	3	0	0	3	0	0		
9-13-66	3	734	47	3	2633	166	3	3641	235	3	0	0	3	0	0	3	0	0		
9-20-66	3	1131	177	3	4778	746	3	6494	1014	3	0	0	3	0	0	3	0	0		
10- 4-66	3	1862	333	3	5644	1009	3	7207	1304	3	0	0	3	0	0	3	0	0		
10-25-66	3	1751	390	3	6059	1349	3	8018	1745	3	0	0	3	0	0	3	0	0		
11-15-66	3	1632	284	3	4939	861	3	6619	1153	3	0	0	3	0	0	3	0	0		
12- 6-66	3	4317	775	3	13170	2365	3	17596	3199	3	62	62	3	189	189	3	253	253		
12- 7-66	2	3848	620	2	7962	1803	2	10221	2314	2	0	0	2	0	0	2	0	0		
1-10-67	1	5693	0	1	16811	0	1	22690	0	1	0	0	1	0	0	1	0	0		
2- 8-67	1	4131	0	1	12264	0	1	17544	0	1	135	0	1	550	0	1	707	0		
3-27-67	3	1663	274	3	5727	943	3	8377	1179	3	0	0	3	0	0	3	0	0		
4-11-67	2	386	47	2	1339	164	2	1962	240	2	0	0	2	0	0	2	0	0		
5- 3-67	2	315	40	2	1391	155	2	2102	234	2	0	0	2	0	0	2	0	0		
6-22-67	3	3675	736	3	6176	1699	3	7454	2050	3	20	20	3	64	64	3	77	77		
7-11-67	3	1784	423	3	28546	9085	3	34167	11846	3	0	0	3	0	0	3	0	0		

NET PLANKTON

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT					CR 51 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					MN 54 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E		
2-15-66	1	20558	0	1	79394	0	1	119359	0	1	389	0	1	1502	0	1	2258	0												
3- 8-66	1	78	0	1	300	0	1	452	0	1	0	0	1	0	0	1	0	0												
3-29-66	1	9147	0	1	35326	0	1	53109	0	1	468	0	1	1605	0	1	2714	0												
4-19-66	1	4210	0	1	16208	0	1	24487	0	1	0	0	1	0	0	1	0	0												
5-13-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0												
5-31-66	1	7259	0	1	18217	0	1	23345	0	1	273	0	1	685	0	1	878	0												
6-21-66	2	2484	1966	2	6236	4938	2	7987	6324	2	76	76	2	192	192	2	246	246												
7-12-66	3	484	183	3	1180	447	3	1407	533	3	41	6	3	99	14	3	118	16												
7-20-66	3	125	23	3	330	60	3	391	71	3	26	2	3	69	5	3	82	6												
7-26-66	3	75	13	3	235	40	3	300	50	3	21	0	3	67	2	3	85	2												
8- 2-66	3	450	323	3	1457	1047	3	1914	1375	3	43	11	3	139	36	3	183	47												
8-18-66	3	0	0	3	0	0	3	0	0	3	41	1	3	115	30	3	1768	767												
8-23-66	3	220	49	3	614	137	3	812	181	3	96	2	3	268	5	3	354	6												
8-24-66	3	877	617	3	3316	2333	3	4835	3402	3	91	32	3	346	119	3	504	174												
8-25-66	3	1440	118	3	5577	459	3	7980	656	3	116	4	3	451	14	3	645	20												
8-26-66	3	3020	967	3	11152	3572	3	15533	4975	3	161	33	3	594	120	3	828	167												
8-27-66	3	1279	223	3	5271	918	3	7775	1353	3	113	10	3	466	41	3	687	60												
8-29-66	3	2734	91	3	11698	390	3	17267	577	3	198	16	3	846	67	3	1250	99												
8-30-66	3	2311	129	3	8846	494	3	12789	714	3	182	7	3	698	25	3	1010	36												
8-31-66	3	2786	174	3	11149	695	3	15913	992	3	189	7	3	755	20	3	1077	38												
9- 1-66	3	2646	44	3	9600	343	3	14372	513	3	164	2	3	597	7	3	894	11												
9- 2-66	3	2234	20	3	9793	349	3	14416	514	3	153	5	3	672	21	3	989	31												
9- 6-66	3	4351	436	3	20631	1927	3	29543	2759	3	244	5	3	1150	20	3	1658	37												
9- 8-66	3	8054	874	3	34561	3749	3	49422	5361	3	456	5	3	1955	20	3	2796	29												
9-13-66	3	10673	330	3	38305	1103	3	52972	1635	3	348	5	3	1250	17	3	1728	24												
9-20-66	3	13043	1393	3	55101	5886	3	74889	8000	3	566	35	3	2393	147	3	3253	200												
10- 4-66	3	27220	2954	3	82524	8956	3	106688	11578	3	932	26	3	2820	100	3	3653	103												
10-25-66	3	25867	4518	3	89525	15638	3	118466	20693	3	1046	105	3	3621	363	3	4792	481												
11-15-66	3	24150	4059	3	73069	12279	3	97927	16457	3	1150	138	3	3481	419	3	4605	561												
12- 6-66	3	50783	11896	3	154910	36271	3	206978	48462	3	1517	82	3	4020	249	3	6181	333												
12-27-66	2	28150	4680	2	73537	12226	2	94394	15093	2	1757	375	2	4590	980	2	5892	1257												
1-16-67	1	57930	0	1	171059	0	1	230977	0	1	1107	0	1	3269	0	1	4414	0												
2- 6-67	1	34000	0	1	100937	0	1	144392	0	1	943	0	1	2800	0	1	4006	0												
2-27-67	3	11467	2097	3	39498	9980	3	57777	14599	3	268	136	3	922	413	3	1349	684												
4-11-67	2	2440	149	2	8469	519	2	12415	761	2	133	1	2	460	5	2	675	7												
4- 3-67	2	3353	649	2	11236	2175	2	16984	3287	2	137	1	2	459	5	2	693	8												
5- 2-67	3	13996	3647	3	32312	8421	3	39002	10164	3	934	167	3	1003	380	3	1210	466												
7-12-67	3	19015	4331	3	32781	10130	3	38543	11911	3	0	0	3	0	0	3	0	0												

7-26-67	3	4875	1755	3	14365	5173	3	18517	6668	3	311	34	3	918	161	3	1183	207
8-2-67	3	1513	219	3	5925	859	3	7925	1149	3	195	10	3	764	39	3	1022	52
8-9-67	3	7345	786	3	30488	3264	3	42793	4581	3	348	50	3	1444	206	3	2027	289
8-16-67	2	2031	70	2	7869	273	2	10691	371	2	274	16	2	1064	61	2	1445	83
8-24-67	3	1718	170	3	6767	671	3	9394	932	3	309	4	3	1216	15	3	1608	21
9-6-67	3	6117	1285	3	23040	4839	3	32319	6788	3	663	123	3	2498	462	3	3504	648
9-22-67	2	19075	2465	2	63294	8179	2	84443	10912	2	920	83	2	3052	276	2	4072	368

NET PLANKTON

ENTIRE ORGANISM

DATE	PICOGRUES OF FE 59 PER GRAM								PICOGRUES OF ZN 65 PER GRAM							
	WET WEIGHT				DRY WEIGHT				WET WEIGHT				DRY WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
2-15-66	0	0	0	0	0	0	0	0	1	1994	0	1	7699	0	1	11574
3-8-66	0	0	0	0	0	0	0	0	1	17	0	1	60	0	1	99
3-29-66	1	1103	0	1	4261	0	1	6406	0	1	2030	0	1	7841	0	1
4-19-66	1	392	0	1	1513	0	1	2274	0	1	1720	0	1	6641	0	1
5-13-66	2	0	0	2	0	0	2	0	2	1979	428	2	4968	1076	2	6363
5-31-66	1	941	0	1	2362	0	1	3026	0	1	1206	0	1	3027	0	1
6-21-66	2	343	213	2	861	535	2	1102	686	2	636	83	2	1598	207	2
7-12-66	3	91	19	3	222	47	3	265	56	3	248	9	3	604	21	3
7-20-66	3	39	4	3	102	11	3	121	13	3	150	1	3	398	3	3
7-26-66	3	42	6	3	130	20	3	167	26	3	132	1	3	412	5	3
8-2-66	3	72	28	3	232	90	3	305	119	3	219	39	3	708	127	3
8-18-66	3	43	7	3	109	12	3	2060	999	3	152	9	3	430	128	3
8-23-66	3	146	4	3	407	12	3	539	15	3	502	21	3	1400	58	3
8-24-66	3	201	86	3	761	324	3	1110	472	3	623	55	3	2358	209	3
8-25-66	3	217	29	3	839	113	3	1200	161	3	1128	56	3	4369	215	3
8-26-66	3	330	85	3	1220	315	3	1700	438	3	2188	129	3	8080	478	3
8-27-66	3	201	16	3	828	66	3	1221	98	3	1792	61	3	7385	251	3
8-29-66	3	462	40	3	1977	171	3	2922	253	3	2601	76	3	11129	335	3
8-30-66	3	437	14	3	1673	54	3	2421	78	3	1767	47	3	6759	178	3
8-31-66	3	310	24	3	1241	94	3	1771	135	3	1719	104	3	6878	415	3
9-1-66	3	261	8	3	946	29	3	1416	44	3	2771	45	3	10055	163	3
9-2-66	3	217	4	3	952	17	3	1402	25	3	2293	58	3	10052	254	3
9-6-66	3	683	25	3	3237	120	3	4635	171	3	4026	26	3	19090	124	3
9-8-66	3	1192	69	3	5115	297	3	7315	425	3	5957	444	3	25561	1907	3
9-13-66	3	799	43	3	2866	155	3	3964	215	3	3706	80	3	13299	280	3
9-20-66	3	1581	143	3	6680	605	3	9079	822	3	5855	317	3	24734	1338	3
10-4-66	3	2160	56	3	6549	171	3	8466	221	3	6594	348	3	19991	1057	3
10-25-66	3	2420	239	3	8376	825	3	11083	1092	3	6813	497	3	23581	1718	3
11-15-66	3	2716	327	3	8219	988	3	11015	1324	3	7320	450	3	22147	1362	3
12-6-66	3	3575	452	3	10905	1378	3	14571	1841	3	6306	822	3	19235	2508	3
12-27-66	2	3289	867	2	8592	2265	2	11029	2907	2	6627	778	2	17312	2032	2
1-16-67	1	3263	0	1	9635	0	1	13010	0	1	9460	0	1	27934	0	1
2-6-67	1	1827	0	1	5424	0	1	7759	0	1	10040	0	1	29806	0	1
2-27-67	3	1044	90	3	3596	311	3	5260	455	3	5376	386	3	18510	1331	3
4-11-67	2	285	2	2	989	5	2	1450	8	2	2701	272	2	9375	946	2
5-3-67	2	379	15	2	1270	50	2	1919	75	2	3043	236	2	10198	791	2
5-22-67	3	931	291	3	2146	672	3	2593	811	3	3897	608	3	8990	1403	3
7-12-67	3	1132	312	3	2649	729	3	3114	857	3	953	507	3	2228	1130	3

7-26-67	3	661	174	3	1988	513	3	2511	661	3	1792	111	3	5282	328	3	6809	423
8- 2-67	3	283	23	3	1189	89	3	1483	119	3	1886	63	3	7384	245	3	9877	328
8- 9-67	3	849	178	3	3524	730	3	4946	1036	3	3613	172	3	14996	713	3	21048	1001
8-16-67	2	521	5	2	2819	20	2	2743	27	2	3881	53	2	11938	207	2	16219	282
8-24-67	3	308	154	3	1215	606	3	1687	844	3	3985	69	3	15701	273	3	21795	378
9- 6-67	3	787	149	3	2965	559	3	8159	785	3	4416	22	3	10031	82	3	23329	116
9-22-67	2	1703	185	2	5649	616	2	7537	821	2	4735	220	2	15710	752	2	20959	976

NET PLANKTON

ENTIRE ORGANISM

DATE	PICO CURIES OF NET WEIGHT					NP 239 DRY WEIGHT					PER GRAM ASH WEIGHT					PICO CURIES OF NET WEIGHT					RU-RH 106 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S E		N	MEAN	S E		N	MEAN	S E		N	MEAN	S E		N	MEAN	S E		N	MEAN	S E							

2-15-66	0	0	0	0	0	0	0	0	0	1	3114	0	1	12026	0	1	18080	0												
3- 8-66	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0												
3-29-66	0	0	0	0	0	0	0	0	0	1	2497	0	1	9643	0	1	14497	0												
4-19-66	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0												
5-13-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0												
5-31-66	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0												
6-21-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0												
7-12-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
7-26-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
7-26-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8- 2-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-18-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-23-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-24-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-25-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-26-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-27-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-29-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-30-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
8-31-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
9- 1-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
9- 2-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
9- 6-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
9- 8-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
9-13-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
9-20-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
10- 4-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
10-25-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
11-15-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0												
12- 6-66	3	1995	73	3	6086	223	3	8131	298	3	0	0	3	0	0	3	0	0												
12-27-66	2	2591	42	2	6767	111	2	8687	143	2	0	0	2	0	0	2	0	0												
1-16-67	1	4230	0	1	12491	0	1	16866	0	1	0	0	1	0	0	1	0	0												
2- 6-67	1	1594	0	1	4732	0	1	6769	0	1	0	0	1	0	0	1	0	0												
2-27-67	3	1280	71	3	4409	246	3	6449	360	3	0	0	3	0	0	3	0	0												
4-11-67	2	910	27	2	3158	95	2	4629	139	2	0	0	2	0	0	2	0	0												
5- 3-67	2	669	123	2	2242	412	2	3388	622	2	0	0	2	0	0	2	0	0												
5-22-67	3	904	149	3	2388	344	3	2520	415	3	0	0	3	0	0	3	0	0												
7-12-67	3	4744	976	3	1139	2283	3	13046	2684	3	0	0	3	0	0	3	0	0												

7-26-67	3	1114	136	3	3284	401	3	4233	516	3	0	0	0	0	0	0	0
8- 2-67	3	1159	306	3	4538	1198	3	6070	1683	3	0	0	0	0	0	0	0
8- 9-67	3	1656	41	3	6872	169	3	9646	237	3	0	0	0	0	0	0	0
8-16-67	2	1278	39	2	4953	151	2	6729	285	2	0	0	0	0	0	0	0
8-24-67	3	1574	108	3	6291	424	3	6608	589	3	1893	0	7418	0	10298	10298	0
9- 6-67	3	2594	386	3	9769	1456	3	13703	2840	3	0	0	0	0	0	0	0
9-22-67	2	3417	1013	2	11336	3363	2	15125	4487	2	4545	4545	15081	15081	20120	20120	20120

NET PLANKTON

ENTIRE ORGANISM

DATE	PICOCURIES OF ZR-MB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-15-66	1	326	0	1	1261	0	1	1895	0	0	0	0	0	0	0	0	0	0
3- 8-66	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
3-29-66	1	729	0	1	2616	0	1	4234	0	0	0	0	0	0	0	0	0	0
4-19-66	1	224	0	1	867	0	1	1303	0	0	0	0	0	0	0	0	0	0
5-13-66	2	7640	7640	2	19184	19184	2	24570	24570	2	0	0	2	0	0	2	0	0
5-31-66	1	0	0	1	0	0	1	0	0	1	1113	0	1	2793	0	1	3579	0
6-21-66	2	0	0	2	0	0	2	0	0	2	491	207	2	1233	520	2	1579	666
7-12-66	3	5	5	3	11	11	3	14	14	3	117	35	3	285	84	3	339	101
7-20-66	3	11	1	3	38	3	3	36	4	3	18	2	3	48	5	3	57	6
7-26-66	3	3	3	3	9	9	3	11	11	3	76	2	3	81	6	3	103	8
8- 2-66	3	20	13	3	64	42	3	84	55	3	24	13	3	78	4	3	102	55
8-18-66	3	9	5	3	32	16	3	307	268	3	9	9	3	27	27	3	579	570
8-23-66	3	50	12	3	140	34	3	186	44	3	90	2	3	252	7	3	333	9
8-24-66	3	19	10	3	71	36	3	104	53	3	115	24	3	434	92	3	632	135
8-25-66	3	59	8	3	220	30	3	328	44	3	165	13	3	639	50	3	915	72
8-26-66	3	71	14	3	262	51	3	365	70	3	321	35	3	1187	131	3	1653	182
8-27-66	3	85	8	3	351	33	3	517	49	3	333	12	3	1371	49	3	2022	73
8-29-66	3	143	83	3	613	357	3	906	528	3	942	16	3	4029	70	3	5950	104
8-30-66	3	112	7	3	424	28	3	619	40	3	855	10	3	3271	39	3	4732	56
8-31-66	3	159	15	3	630	262	3	910	374	3	416	14	3	1665	51	3	2370	82
9- 1-66	3	85	2	3	309	6	3	462	9	3	464	14	3	1684	51	3	2522	76
9- 2-66	3	72	3	3	316	11	3	465	16	3	363	16	3	1679	71	3	2471	104
9- 6-66	3	0	0	3	0	0	3	0	0	3	1510	24	3	7160	111	3	10253	164
9- 8-66	3	332	332	3	1423	1423	3	2035	2035	3	2443	114	3	10655	407	3	15237	697
9-13-66	3	134	134	3	482	482	3	606	606	3	1343	17	3	4821	60	3	6607	85
9-28-66	3	0	0	3	0	0	3	0	0	3	2908	170	3	12540	755	3	17043	1026
10- 4-66	3	0	0	3	0	0	3	0	0	3	2699	38	3	8184	11	3	10560	148
1- 5-66	3	649	14	3	224	280	3	2973	371	3	3348	171	3	11762	506	3	15960	784
11-15-66	3	747	155	3	225	409	3	3028	549	3	3966	298	3	12001	461	3	16063	1208
12- 6-66	3	415	13	3	2487	163	3	3323	217	3	0	0	3	0	0	3	0	0
12-27-66	2	1116	111	2	2914	291	2	3741	374	2	0	0	2	0	0	2	0	0
1-16-67	1	977	0	1	2884	0	1	3895	0	0	0	0	0	0	0	0	0	0
1- 6-67	1	383	0	1	1129	0	1	1615	0	0	0	0	0	0	0	0	0	0
1-27-67	3	5232	4874	3	18123	16788	3	26364	24557	3	0	0	3	0	0	3	0	0
1-11-67	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
1- 3-67	2	151	16	2	505	55	2	764	83	2	0	0	2	0	0	2	0	0
1- 2-67	3	94	74	3	218	218	3	263	263	3	0	0	3	0	0	3	0	0
1-11-67	1	52	2	1	122	122	3	144	144	3	0	0	3	0	0	3	0	0

NET PLANKTON

ENTIRE ORGANISM

DATE	PICO CURIES OF WET WEIGHT				BA 140 DRY WEIGHT				PER GRAM ASH WEIGHT				PICO CURIES OF WET WEIGHT				LA 140 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3- 8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-19-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-31-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-12-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-20-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-27-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-30-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-31-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 6-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-20-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10- 4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12- 6-66	3	3191	295	3	9735	900	3	13007	1203	3	7564	527	3	23133	941	3	30909	1334						
12-27-66	2	0	0	2	0	0	2	0	0	2	12230	660	2	31949	1724	2	41010	2213						
1-16-67	1	0	0	1	0	0	1	0	0	1	20340	0	1	60061	0	1	81099	0						
2- 6-67	1	2096	0	1	6222	0	1	6901	0	1	8465	0	1	25130	0	1	35949	0						
2-27-67	3	0	0	3	0	0	3	0	0	3	12500	362	3	42367	1240	3	61974	1822						
4-11-67	2	0	0	2	0	0	2	0	0	2	4325	153	2	15014	531	2	22011	779						
4- 3-67	2	632	10	2	2110	203	2	3203	306	2	2376	143	2	7962	470	2	12035	724						
5-22-67	3	1213	234	3	2801	546	3	3321	652	3	2593	425	3	5967	941	3	7227	1184						
7-12-67	3	1979	446	3	463	1343	3	5443	1227	3	11534	3953	3	27910	9201	3	32821	10870						

7-26-67	3	903	116	3	2662	343	3	3431	442	3	2436	350	3	7179	1031	3	9254	1330
8- 2-67	3	626	57	3	2453	223	3	3281	299	3	1857	44	3	7272	171	3	9727	229
8- 9-67	3	1289	70	3	5350	290	3	7510	406	3	3395	117	3	14091	487	3	19778	683
8-16-67	2	897	37	2	3476	144	2	4723	196	2	2532	45	2	9810	176	2	13329	240
8-24-67	3	548	274	3	2161	1089	3	2999	1500	3	2469	73	3	9727	289	3	13503	401
9- 6-67	3	2527	839	3	9518	3160	3	13351	4433	3	3698	498	3	13927	1877	3	19536	2632
9-22-67	2	1297	1297	2	4304	4304	2	5742	5742	2	5556	1391	2	10436	4616	2	24596	6158

PERIPHYTON

ENTIRE ORGANISM

DATE	PICOGRUES OF CS 137 PER GRAM									PICOGRUES OF CE-PR 144 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-15-66	5	0	0	5	0	0	5	0	0	5	886	886	5	2963	2963	5	5241	5241
2-22-66	2	11	0	2	30	0	2	67	0	2	450	449	2	1503	1503	2	2650	2650
3- 8-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
3-29-66	3	0	0	3	0	0	3	0	0	3	223	223	3	745	745	3	1318	1318
4-19-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
6-21-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
7-11-66	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0	4	0	0
7-28-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
7-28-66	3	6	4	3	28	16	3	59	34	3	46	5	3	205	24	3	436	51
8- 2-66	3	0	0	3	0	0	3	0	0	3	14	14	3	63	63	3	135	135
8-18-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-23-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-24-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-25-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
8-26-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
8-27-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-29-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
8-30-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
9- 1-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
9- 6-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
9-13-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
10- 4-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
10-25-66	3	0	0	3	0	0	3	0	0	3	603	309	3	2978	1520	3	10708	5483
11-15-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
12- 6-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
12-27-66	3	0	0	3	0	0	3	0	0	3	2949	1696	3	12079	6947	3	23016	13237
1-16-67	3	85	85	3	325	325	3	634	634	3	1914	596	3	7350	2290	3	14325	4460
2- 6-67	3	0	0	3	0	0	3	0	0	3	1121	58	3	4444	230	3	7761	402
2-27-67	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
7-26-67	1	0	0	1	0	0	1	0	0	1	4427	0	1	11847	0	1	18421	0
8- 2-67	2	0	0	2	0	0	2	0	0	2	1449	1448	2	4549	4549	2	8230	8230
8-10-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
8-24-67	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
9- 6-67	3	0	0	3	0	0	3	0	0	3	1847	265	3	8410	1200	3	26911	3857
9-22-67	3	0	0	3	0	0	3	0	0	3	6976	2508	3	26373	9481	3	81003	29150

PERIPHYTON

ENTIRE ORGANISM

DATE	PICOGRUAMS OF WET WEIGHT				SC 46 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOGRUAMS OF WET WEIGHT				SC 46 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-15-66	5	6393	4791	5	21379	16023	5	37810	20337	5	642	349	5	2148	1166	5	3800	2062						
2-22-66	2	1368	141	2	4573	473	2	8087	637	2	222	36	2	742	120	2	1313	213						
3- 8-66	2	1211	172	2	4048	576	2	7159	1018	2	154	5	2	516	15	2	913	27						
3-29-66	3	631	40	3	2110	133	3	3733	235	3	34	19	3	115	62	3	203	110						
4-19-66	3	959	43	3	3753	169	3	6964	314	3	108	5	3	392	21	3	728	39						
6-21-66	1	887	0	1	3533	0	1	6396	0	1	0	0	1	0	0	1	0	0						
7-11-66	4	159	31	4	619	126	4	1099	235	4	0	0	4	0	0	4	0	0						
7-20-66	2	46	0	2	199	3	2	520	7	2	0	0	2	0	0	2	0	0						
7-26-66	3	60	10	3	272	46	3	577	97	3	0	0	3	0	0	3	0	0						
8- 2-66	3	31	4	3	138	19	3	292	41	3	0	0	3	0	0	3	0	0						
8-18-66	3	10	5	3	41	21	3	153	67	3	0	0	3	0	0	3	0	0						
8-23-66	3	13	1	3	64	6	3	275	25	3	5	2	3	23	12	3	100	51						
8-24-66	3	25	7	3	102	28	3	545	149	3	28	0	3	114	2	3	611	9						
8-25-66	2	127	43	2	577	198	2	2751	944	2	45	0	2	204	0	2	971	1						
8-26-66	2	163	27	2	671	111	2	3550	556	2	20	3	2	80	11	2	401	55						
8-27-66	3	200	14	3	1581	183	3	6981	481	3	0	0	3	0	0	3	0	0						
8-29-66	2	354	67	2	1364	256	2	5677	1066	2	0	0	2	0	0	2	0	0						
8-30-66	2	283	33	2	1193	138	2	4081	471	2	0	0	2	0	0	2	0	0						
9- 1-66	3	369	19	3	1671	84	3	8118	488	3	0	0	3	0	0	3	0	0						
9- 8-66	2	315	10	2	1445	48	2	7463	247	2	0	0	2	0	0	2	0	0						
9-13-66	3	608	6	3	2445	23	3	8050	77	3	0	0	3	0	0	3	0	0						
10- 4-66	2	504	1	2	2336	5	2	11345	25	2	0	0	2	0	0	2	0	0						
10-25-66	3	463	43	3	2264	212	3	8205	761	3	0	0	3	0	0	3	0	0						
11-15-66	3	799	77	3	4206	487	3	15330	1482	3	0	0	3	0	0	3	0	0						
12- 6-66	3	1117	84	3	5483	414	3	14036	1060	3	40	40	3	190	190	3	502	502						
12-27-66	3	1074	124	3	4397	510	3	8378	972	3	0	0	3	0	0	3	0	0						
1-16-67	3	929	67	3	3572	259	3	6956	504	3	38	30	3	114	114	3	222	222						
2- 6-67	3	1393	52	3	5524	208	3	9646	362	3	147	5	3	583	21	3	1018	36						
2-27-67	2	1346	97	2	4757	343	2	8892	641	2	0	0	2	0	0	2	0	0						
7-26-67	1	4428	0	1	11850	0	1	18425	0	1	343	0	1	918	0	1	1428	0						
8- 2-67	2	3077	245	2	9664	769	2	17482	1392	2	0	0	2	0	0	2	0	0						
8-16-67	1	2981	0	1	10381	0	1	26788	0	1	0	0	1	0	0	1	0	0						
8-24-67	2	3363	11	2	11712	38	2	38131	99	2	0	0	2	0	0	2	0	0						
9- 6-67	3	1744	97	3	7945	440	3	25405	1407	3	0	0	3	0	0	3	0	0						
9-22-67	3	4306	180	3	16279	680	3	50049	2090	3	437	63	3	1651	238	3	5075	732						

PERIPHYTON

ENTIRE ORGANISM

DATE	PICOCURIES OF CR 51						PICOCURIES OF MN 54						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-18-66	5	46281	30947	5	154765	103486	5	273707	183019	5	422	110	5	1410	367	5	2493	648
2-22-66	2	13555	2813	2	48326	6731	2	88164	11905	2	431	25	2	1440	85	2	2546	151
3-8-66	2	11080	1416	2	34784	4735	2	65053	8373	2	435	50	2	1453	168	2	2570	298
3-29-66	3	7866	379	3	26380	1268	3	46519	2243	3	364	17	3	1218	58	3	2154	102
4-19-66	3	10136	818	3	39678	3203	3	73636	5945	3	505	28	3	1976	109	3	3668	201
6-21-66	1	5788	0	1	23042	0	1	41715	0	1	415	0	1	1051	0	1	2989	0
7-11-66	4	1219	139	4	4750	597	4	8433	1172	4	95	13	4	370	57	4	659	111

7-20-66	2	282	28	2	1214	84	2	3172	221	2	42	2	2	182	9	2	475	23
7-26-66	3	405	67	3	1820	303	3	3863	643	3	32	2	3	144	7	3	305	15
8-2-66	3	151	54	3	681	241	3	1445	512	3	25	2	3	114	10	3	243	20
8-18-66	3	0	0	3	0	0	3	0	0	3	49	2	3	206	10	3	662	33
8-23-66	3	22	22	3	112	112	3	481	481	3	32	1	3	163	7	3	702	31
8-24-66	3	133	32	3	535	129	3	2858	689	3	90	3	3	360	13	3	1925	69
8-25-66	2	578	97	2	2635	440	2	12580	2099	2	167	20	2	763	92	2	3635	437
8-26-66	2	1201	135	2	4946	556	2	24704	2777	2	130	6	2	536	34	2	2675	168
8-27-66	3	1532	68	3	11491	512	3	53426	2380	3	175	7	3	1313	51	3	6105	236
8-29-66	2	3957	228	2	15229	880	2	63382	3661	2	458	18	2	1762	69	2	7334	287
8-30-66	2	3325	195	2	14011	824	2	47924	2818	2	287	3	2	1211	12	2	4142	40
9-1-66	3	4955	80	3	22434	364	3	109004	1768	3	379	8	3	1717	37	3	8343	179
9-6-66	2	4933	133	2	22594	609	2	116701	3146	2	280	2	2	1281	9	2	6617	45
9-13-66	3	13203	207	3	53102	832	3	174819	2741	3	381	18	3	1534	74	3	5849	244
10-4-66	2	11065	355	2	51298	1668	2	249142	8063	2	517	9	2	2399	43	2	11651	207
10-25-66	3	9201	792	3	45429	3918	3	163229	14047	3	504	45	3	2487	224	3	8935	804
11-15-66	3	13527	1070	3	71242	5638	3	259660	20548	3	668	43	3	3520	228	3	12829	832
12-6-66	3	13657	821	3	67012	4027	3	171558	10311	3	793	25	3	3893	124	3	9966	318
12-27-66	3	13967	1217	3	57206	4986	3	109007	9501	3	702	138	3	2876	500	3	5481	1078
1-16-67	3	11160	519	3	42897	1994	3	83541	3884	3	604	87	3	2322	333	3	4523	649
2-6-67	3	13743	214	3	54483	849	3	95143	1483	3	837	66	3	3320	202	3	5798	458
2-27-67	2	12595	815	2	44518	2881	2	83208	5384	2	545	30	2	1927	108	2	3602	201
7-26-67	1	13100	0	1	38057	0	1	54509	0	1	0	0	1	0	0	1	0	0
8-2-67	2	12805	475	2	40215	1492	2	72752	2699	2	623	68	2	2584	212	2	4674	384
8-18-67	1	8871	0	1	30893	0	1	79479	0	1	1083	0	1	3772	0	1	9703	0
8-24-67	2	8821	71	2	30719	247	2	79031	636	2	1323	29	2	4006	103	2	11849	264
9-6-67	3	6028	298	3	27463	1357	3	87816	4340	3	796	40	3	3026	182	3	11595	581
9-22-67	3	12060	721	3	45593	2725	3	140175	8379	3	909	42	3	3063	159	3	11263	490

PERIPHYTON

ENTIRE ORGANISM

DATE	PICOGRAPHS OF WET WEIGHT				FE 59 PER GRAM ASH WEIGHT				PICOGRAPHS OF WET WEIGHT				ZN 65 PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-15-66	0	0	0	0	0	0	0	0	0	5	7267	2101	5	24302	7026	5
2-22-66	0	0	0	0	0	0	0	0	0	2	2901	65	2	9701	217	2
3- 8-66	0	0	0	0	0	0	0	0	0	2	3118	154	2	10425	515	2
3-29-66	3	431	18	3	1440	61	3	2547	109	3	2511	245	3	8390	820	3
4-19-66	3	543	9	3	2124	35	3	3942	65	3	2842	164	3	11120	641	3
6-21-66	1	1046	0	1	4164	0	1	7539	0	1	1685	0	1	6708	0	1
7-11-66	4	186	17	4	724	72	4	1284	144	4	631	39	4	2450	160	4
7-20-66	2	71	1	2	305	4	2	796	11	2	190	13	2	817	54	2
7-26-66	3	70	9	3	316	43	3	671	91	3	128	6	3	577	27	3
8- 2-66	3	52	9	3	234	39	3	496	83	3	132	8	3	593	35	3
8-18-66	3	66	12	3	275	50	3	884	159	3	96	21	3	401	88	3
8-23-66	3	61	10	3	311	51	3	1340	222	3	109	10	3	555	51	3
8-24-66	3	103	5	3	415	20	3	2218	104	3	263	1	3	1057	6	3
8-25-66	2	216	12	2	984	57	2	4690	271	2	558	77	2	2542	351	2
8-26-66	2	221	23	2	911	96	2	4549	480	2	621	52	2	2550	215	2
8-27-66	3	289	6	3	2168	45	3	10082	210	3	868	76	3	6509	572	3
8-29-66	2	888	50	2	3416	193	2	14218	802	2	1627	7	2	7031	29	2
8-30-66	2	550	18	2	2318	75	2	7927	255	2	1369	45	2	5768	192	2
9- 1-66	3	628	21	3	2842	94	3	13608	458	3	1753	23	3	7930	104	3
9- 6-66	2	663	31	2	3035	143	2	15678	740	2	1958	87	2	8968	398	2
9-13-66	3	905	36	3	3639	145	3	11979	477	3	2277	49	3	9159	197	3
10- 4-66	2	1090	81	2	5053	374	2	24542	1017	2	2560	158	2	11868	730	2
10-25-66	3	1026	96	3	5064	475	3	18194	1708	3	2421	444	3	11953	2190	3
11-15-66	3	1531	87	3	8062	456	3	29383	1663	3	3201	236	3	16859	1244	3
12- 8-66	3	1210	25	3	5937	123	3	15200	315	3	2741	210	3	13451	1032	3
12-27-66	3	1010	226	3	4135	925	3	7880	1763	3	3069	458	3	12569	1877	3
1-16-67	3	857	15	3	3293	57	3	6414	112	3	2698	250	3	10371	960	3
2- 6-67	3	833	49	3	3304	193	3	5770	337	3	4671	151	3	18518	600	3
2-27-67	2	1115	139	2	3941	491	2	7366	919	2	4316	163	2	15253	570	2
7-26-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
8- 2-67	2	1378	99	2	4328	311	2	7829	562	2	2643	327	2	8301	1027	2
8-16-67	1	1687	0	1	5675	0	1	15115	0	1	3885	0	1	13529	0	1
8-24-67	2	1550	120	2	5396	420	2	13883	1080	2	3973	70	2	13834	246	2
9- 6-67	3	890	51	3	4955	231	3	12966	737	3	2144	149	3	9766	677	3
9-22-67	3	429	429	3	1623	1623	3	4990	4990	3	690	690	3	2009	2609	3

PERIPHYTON

ENTIRE ORGANISM

DATE	PICOCURIES OF NP 239 PER GRAM										PICOCURIES OF RU-RH 106 PER GRAM									
	NET WEIGHT					DRY WEIGHT					NET WEIGHT					DRY WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
2-15-66	0	0	0	0	0	0	0	0	0	5	1620	921	5	5417	3079	5	9580	5445		
2-22-66	0	0	0	0	0	0	0	0	0	2	2407	127	2	8047	426	2	14232	754		
3- 8-66	0	0	0	0	0	0	0	0	0	2	2187	485	2	7312	1623	2	12931	2870		
3-27-66	0	0	0	0	0	0	0	0	0	3	811	25	3	2712	85	3	4796	150		
4-19-66	0	0	0	0	0	0	0	0	0	3	1214	629	3	4753	2462	3	8821	4569		
6-21-66	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0		
7-11-66	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	4	0	0		
7-28-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0		
7-28-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
8- 2-66	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0		
8-18-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
8-23-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
8-24-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
8-25-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0		
8-26-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0		
8-27-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
8-29-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0		
8-30-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0		
9- 1-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
9- 6-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0		
9-13-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
10- 4-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0		
10-25-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
11-15-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0		
12- 6-66	3	689	45	3	3382	221	3	8657	565	3	0	0	3	0	0	3	0	0		
12-27-66	3	1819	408	3	7449	1672	3	14194	3185	3	1399	1399	3	5732	5732	3	10921	10921		
1-16-67	3	604	21	3	2322	80	3	4523	155	3	1028	1028	3	3953	3953	3	7698	7698		
2- 6-67	3	487	26	3	1931	101	3	3371	177	3	0	0	3	0	0	3	0	0		
2-27-67	2	260	260	2	919	919	2	1718	1718	2	0	0	2	0	0	2	0	0		
7-26-67	1	15840	0	1	42389	0	1	65910	0	1	10940	0	1	29276	0	1	45521	0		
8- 2-67	2	2290	735	2	7192	2308	2	13011	4176	2	2498	2497	2	7844	7844	2	14190	14190		
8-16-67	1	2452	0	1	8539	0	1	21969	0	1	0	0	1	0	0	1	0	0		
8-24-67	2	2782	62	2	9686	218	2	24921	560	2	0	0	2	0	0	2	0	0		
9- 6-67	3	1707	148	3	7775	674	3	24861	2157	3	0	0	3	0	0	3	0	0		
9-22-67	3	7699	2675	3	29108	10114	3	89490	31096	3	15469	5209	3	58482	19691	3	179602	60540		

PERIPHYTON

ENTIRE ORGANISM

DATE	PICOGRAPHS OF ZR-NB 95									PICOGRAPHS OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-15-66	5	839	472	5	2807	1578	5	4964	2790	0	0	0	0	0	0	0	0	0
2-22-66	2	620	308	2	2072	1032	2	3664	1824	0	0	0	0	0	0	0	0	0
3-8-66	2	600	187	2	2007	626	2	3550	1100	0	0	0	0	0	0	0	0	0
3-29-66	3	456	253	3	1523	845	3	2694	1495	0	0	0	0	0	0	0	0	0
4-19-66	3	385	123	3	1507	483	3	2796	896	0	0	0	0	0	0	0	0	0
6-21-66	1	0	0	1	0	0	1	0	0	1	1589	0	1	6326	0	1	11452	0
7-11-66	4	20	12	4	82	48	4	146	86	4	228	11	4	888	51	4	1572	113
7-20-66	2	16	2	2	68	7	2	178	18	2	43	1	2	185	5	2	483	13
7-28-66	3	41	21	3	186	94	3	395	200	3	53	4	3	150	19	3	519	39
8-2-66	3	16	4	3	73	19	3	155	40	3	30	3	3	135	12	3	286	25
8-18-66	3	31	7	3	128	31	3	413	99	3	26	15	3	109	61	3	351	198
8-23-66	3	29	7	3	148	37	3	639	160	3	30	4	3	152	22	3	653	93
8-24-66	3	37	7	3	151	28	3	805	148	3	85	6	3	341	23	3	1822	122
8-25-66	2	67	3	2	306	14	2	1460	66	2	186	7	2	846	31	2	4032	148
8-28-66	2	61	12	2	252	49	2	1260	243	2	212	7	2	875	30	2	4309	152
8-29-66	3	74	7	3	554	55	3	2574	256	3	462	41	3	3469	310	3	16128	1440
8-29-66	2	102	40	2	740	154	2	3081	641	2	1785	33	2	6869	129	2	28587	537
9-30-66	2	151	13	2	634	57	2	2170	194	2	1033	1	2	4354	4	2	14891	14
9-1-66	3	295	172	3	1335	777	3	6486	3773	3	976	5	3	4419	25	3	21472	121
9-6-66	2	0	0	2	0	0	2	0	0	2	1471	57	2	6738	201	2	34800	1348
9-15-66	3	347	57	3	1397	230	3	4598	758	3	1657	90	3	6063	362	3	21935	1192
10-4-66	2	110	110	2	511	511	2	2482	2482	2	1600	99	2	7415	459	2	36014	2230
10-25-66	3	346	60	3	1708	327	3	6138	1174	3	1508	216	3	7446	1067	3	26752	3834
11-15-66	3	395	47	3	2079	249	3	7576	907	3	2260	115	3	11903	600	3	43383	2207
12-6-66	3	506	16	3	2484	80	3	6360	204	0	0	0	0	0	0	0	0	0
12-27-66	3	1034	217	3	4237	887	3	8074	1698	0	0	0	0	0	0	0	0	0
1-16-67	3	2177	1058	3	8367	4068	3	16294	7923	0	0	0	0	0	0	0	0	0
2-6-67	3	1104	373	3	4375	1478	3	7640	2581	0	0	0	0	0	0	0	0	0
2-27-67	2	1042	99	2	3684	349	2	6885	653	0	0	0	0	0	0	0	0	0
2-26-67	1	2917	0	1	7506	0	1	12138	0	0	0	0	0	0	0	0	0	0
3-2-67	2	1255	901	2	3940	2831	2	7128	5121	0	0	0	0	0	0	0	0	0
3-16-67	1	9	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
3-24-67	2	407	10	2	1418	36	2	3649	92	0	0	0	0	0	0	0	0	0
4-6-67	3	63	63	3	287	287	3	918	918	0	0	0	0	0	0	0	0	0
9-22-67	3	5933	2353	3	22429	8695	3	68956	27347	0	0	0	0	0	0	0	0	0

PERIPHYTON

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT			BA 140 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			LA 140 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-22-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3- 8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-19-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-11-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-20-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-27-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-30-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 6-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10- 4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12- 6-66	3	311	311	3	1527	1527	3	3909	3909	3	1806	123	3	8862	605	3	22687	1549
12-27-66	3	1302	45	3	5332	186	3	10159	355	3	3481	138	3	14257	500	3	27166	1078
1-16-67	3	0	0	3	0	0	3	0	0	3	1972	69	3	7581	200	3	14764	519
2- 6-67	3	0	0	3	0	0	3	0	0	3	2145	101	3	8502	399	3	14897	697
2-27-67	2	0	0	2	0	0	2	0	0	2	5182	6	2	11247	21	2	21022	40
7-26-67	1	4731	0	1	12661	0	1	19686	0	1	8556	0	1	22897	0	1	35601	0
8- 2-67	2	907	906	2	2847	2847	2	5150	5150	2	5524	1382	2	17347	4342	2	31302	7855
8-16-67	1	1631	0	1	5685	0	1	14613	0	1	4807	0	1	10740	0	1	43068	0
8-24-67	2	1752	270	2	6101	940	2	15697	2419	2	3549	82	2	12358	287	2	31793	739
9- 6-67	3	1173	128	3	5342	582	3	17084	1862	3	1889	100	3	8006	458	3	27518	1463
9-22-67	3	4863	2604	3	18462	9845	3	56760	30268	3	7926	2095	3	29060	7919	3	92129	24346

[illegible]

PER(PHYTON (SLIDES)

ENTIRE ORGANISM

DATE	PICOCURIES OF NET WEIGHT				SC 46 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				CO 60 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-16-66	1	1923	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-14-66	1	1359	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4- 4-66	1	802	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-25-66	1	431	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-21-66	3	41	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-29-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 4-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-11-66	2	87	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 1-66	2	411	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 8-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-15-66	2	355	355	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-22-66	2	251	251	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-29-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-16-66	2	1130	124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12- 8-66	2	1158	98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-28-66	2	790	77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-18-67	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2- 7-67	2	555	85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ENTIRE ORGANISM

PERIPHYTON (SLIDES)

[illegible]

PERIPIHYTON (SLIDES)														ENVIRONMENTAL ORGANISM																
DATE	PICOGRAPHS OF					FL. '59					PER GRAM					PICOGRAPHS OF					ZN '65					PER GRAM				
	WET WEIGHT		S E		N	WET WEIGHT		S E		N	WET WEIGHT		S E		N	WET WEIGHT		S E		N	WET WEIGHT		S E		N	WET WEIGHT		S E		N
2-16-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-14-66	1	1473	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-4-66	1	602	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-28-66	1	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-21-66	3	90	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-29-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-4-66	2	226	226	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-11-66	2	256	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	2	388	188	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	2	698	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-1-66	2	1129	153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-8-66	2	4719	885	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-15-66	2	2498	247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-22-66	2	1531	167	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-29-66	2	2692	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-16-66	2	3635	175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-8-66	2	2252	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-28-66	2	1860	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-18-67	2	1256	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-7-67	2	932	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PERIPHYTON (SLIDES)

[illegible]

DATE	PERIPHYTON (SLIDES)												ENTIRE ORGANISM											
	PICOCURIES OF				BA 140				PER GRAM				PICOCURIES OF				LA 140				PER GRAM			
	WET WEIGHT	S	E	N	MEAN	S	E	N	MEAN	ASH	WET WEIGHT	S	E	N	MEAN	ASH	WET WEIGHT	S	E	N	MEAN	ASH	WET WEIGHT	
2-16-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3-14-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4-8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8-4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8-11-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8-18-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8-24-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9-1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9-8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9-22-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11-16-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12-8-66	2	1298	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12-28-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1-18-67	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2-7-67	2	1377	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

ULOTHRIX SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF CS 137 PER GRAM									PICOCURIES OF CE-PR 144 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-15-66	3	0	0	3	0	0	3	0	0	3	330	330	3	1429	1429	3	3167	3167
3- 8-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
3-29-66	3	0	0	3	0	0	3	0	0	3	49	49	3	284	284	3	625	625
4-19-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
6-21-66	3	23	23	3	64	64	3	89	89	3	0	0	3	0	0	3	0	0

ULOTHRIX SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF SC 46				PER GRAM				PICOCURIES OF CO 60				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		ASH WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N

2-15-66	3	711	91	3	3076	395	3	6818	876	3	119	25	3	515	108	3
3- 8-66	2	507	29	2	2746	159	2	6509	376	2	85	29	2	459	155	2
3-29-66	3	410	130	3	2394	761	3	5260	1671	3	0	0	3	0	0	3
4-19-66	3	467	31	3	2579	169	3	6232	409	3	0	0	3	0	0	3
6-21-66	3	82	16	3	225	43	3	311	59	3	0	0	3	0	0	3

ULOTHRIX SPP.

ENTIRE ORGANISM

DATE	PICOGRUES OF CR 51						PER GRAM						PICOGRUES OF MN 54						PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
*****	*****																										
2-15-66	3	6431	221	3	27813	957	3	61652	2121	3	203	22	3	879	95	3	1948	212									
3- 8-66	2	5617	279	2	30418	1509	2	72898	3576	2	146	146	2	788	788	2	1869	1869									
3-29-66	3	5551	1725	3	32433	10077	3	71248	22138	3	108	27	3	631	160	3	1386	351									
4-19-66	3	5175	241	3	28575	1329	3	69067	3212	3	166	18	3	918	100	3	2219	242									
4-21-66	3	799	187	3	2185	294	3	3019	406	3	28	15	3	78	40	3	107	55									

ULOTHRIX SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-15-66	0	0	0	0	0	0	0	0	0	3	1063	5	3	4597	19	3	10189	43
3- 8-66	0	0	0	0	0	0	0	0	0	2	1040	156	2	5029	843	2	13343	1999
3-29-66	3	321	90	3	1875	528	3	4119	1160	3	837	127	3	4691	743	3	10745	1632
4-19-66	3	352	27	3	1943	147	3	4696	355	3	1092	39	3	6032	216	3	14579	523
6-21-66	3	154	12	3	420	33	3	581	46	3	319	14	3	874	39	3	1207	54

ULOTHRIX SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
2-15-66	0	0	0 0	0	0	0 0	0	0	0 3	1495	496	3	0460	2140	3	14332	4756	
3- 8-66	0	0	0 0	0	0	0 0	0	0	0 2	0	0	2	0	0	2	0	0	0
3-29-66	0	0	0 0	0	0	0 0	0	0	0 3	373	373	3	2180	2180	3	4788	4788	
4-19-66	0	0	0 0	0	0	0 0	0	0	0 3	297	297	3	1640	1640	3	3965	3965	
6-21-66	0	0	0 0	0	0	0 0	0	0	0 3	0	0	3	0	0	3	0	0	0

ULOTHRIX SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF DA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-15-66	3	1671	1468	3	7226	6351	3	16017	14077	0	0	0 0	0	0 0	0	0	0	0
3- 8-66	2	2100	1908	2	11373	10290	2	26936	24369	0	0	0 0	0	0 0	0	0	0	0
3-29-66	3	1281	1266	3	7486	7397	3	16445	16249	0	0	0 0	0	0 0	0	0	0	0
4-19-66	3	345	118	3	1986	654	3	4608	1581	0	0	0 0	0	0 0	0	0	0	0
6-21-66	3	456	439	3	1247	1200	3	1723	1658	3	247	8 3	676	22 3	933	30		

ENTIRE ORGANISM

B-35

CLADOPHORA SPP.

ENTIRE ORGANISM

DATE	PICOGRAPHS OF			CS 137			PER GRAM			PICOGRAPHS OF			CE-PR 144			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-20-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
7-26-66	1	14	0	1	39	0	1	63	0	1	0	0	1	0	0	1	0	0
8-2-66	3	0	0	3	0	0	3	0	0	3	12	12	3	47	47	3	56	56
8-18-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-23-66	3	0	0	3	0	0	3	0	0	3	15	7	3	51	25	3	305	152
8-24-66	3	0	0	3	0	0	3	0	0	3	10	10	3	33	33	3	105	165
8-25-66	3	4	4	3	14	14	3	44	44	3	35	18	3	121	111	3	391	190
8-26-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-27-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-29-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
8-30-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
9-1-66	3	0	0	3	0	0	3	0	0	3	91	91	3	283	283	3	1209	1209
9-6-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
9-13-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
9-14-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
9-15-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
9-15-66	3	0	0	3	0	0	3	0	0	3	687	54	3	4050	240	3	12049	731
9-15-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
9-15-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
9-24-67	3	0	0	3	0	0	3	0	0	3	1600	159	3	4050	403	3	9120	907
9-30-67	3	0	0	3	0	0	3	0	0	3	2495	91	3	6780	249	3	16331	598
9-13-67	3	0	0	3	0	0	3	0	0	3	1622	71	3	3945	174	3	7841	345
9-22-67	3	0	0	3	0	0	3	0	0	3	1798	190	3	5142	544	3	11139	1179

CLADOPHORA SPP.

ENTIRE ORGANISM

DATE	PICOGRAPHS OF DRY WEIGHT				SC %S PER GRAM ASH WEIGHT				WET WEIGHT				PICOGRAPHS OF DRY WEIGHT				CO 60				P.P. GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
7-20-66	3	15	2	3	65	7	3	136	15	3	0	0	0	0	0	0	0	0	0	0	3	0	0	0
7-26-66	1	32	0	1	92	0	1	148	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0
8-2-66	3	20	1	3	78	5	3	92	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	3	23	2	3	68	6	3	167	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-23-66	3	17	2	3	60	7	3	358	43	3	2	2	2	5	3	31	31	31	31	31	3	31	31	31
8-24-66	3	30	1	3	103	5	3	516	24	3	4	2	2	14	3	69	69	69	69	69	3	69	69	69
8-25-66	3	87	9	3	296	32	3	959	102	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-26-66	3	88	11	3	293	37	3	968	122	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-27-66	3	69	1	3	215	4	3	757	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	3	132	45	3	432	148	3	2010	688	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-30-66	3	82	8	3	269	26	3	1243	119	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-1-66	3	135	6	3	418	17	3	1783	73	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-6-66	3	206	21	3	658	68	3	2485	256	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	3	276	21	3	856	66	3	2597	200	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-4-66	3	400	9	3	1306	29	3	4320	96	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-25-66	3	198	27	3	905	121	3	2693	360	3	84	14	3	384	66	1143	1143	1143	1143	1143	66	66	195	
11-15-66	2	409	4	2	1397	15	2	3552	39	2	77	77	2	262	262	666	666	666	666	666	2	2	666	666
12-6-66	1	462	0	1	1434	0	1	4354	0	1	256	0	1	803	0	2435	2435	2435	2435	2435	0	1	0	0
8-24-67	3	1530	100	3	4453	292	3	8722	571	3	0	0	3	0	0	0	0	0	0	0	3	3	0	0
9-6-67	3	2856	321	3	5592	674	3	13457	2103	3	0	0	3	0	0	0	0	0	0	0	3	3	0	0
9-13-67	3	2601	153	3	6329	373	3	12579	741	3	0	0	3	0	0	0	0	0	0	0	3	3	0	0
9-22-67	3	4405	108	3	12599	309	3	27293	669	3	478	36	3	1368	103	2964	2964	2964	2964	2964	3	3	3	222

CLADOPHORA SPP.

ENTIRE ORGANISM

DATE	PICOGRAPHS OF CR 51 PER GRAM									PICOGRAPHS OF MN 54 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-20-66	3	155	96	3	649	401	3	1366	844	3	18	2	3	74	7	3	155	14
7-26-66	1	172	0	1	491	0	1	790	0	1	16	0	1	46	0	1	74	0
8- 2-66	3	77	9	3	298	34	3	354	41	3	33	0	3	127	2	3	150	2
8-18-66	3	0	0	3	0	0	3	0	0	3	31	1	3	91	2	3	224	6
8-23-66	3	46	5	3	158	18	3	950	107	3	27	0	3	94	2	3	563	11
8-24-66	3	92	5	3	318	16	3	1593	79	3	29	1	3	101	2	3	509	12
8-25-66	3	565	104	3	1920	355	3	6224	1150	3	65	5	3	221	18	3	717	59
8-26-66	3	803	43	3	2673	144	3	8826	476	3	96	2	3	320	6	3	1058	19
8-27-66	3	935	23	3	2908	73	3	10254	257	3	103	2	3	320	6	3	1129	21
8-29-66	3	3195	52	3	10449	171	3	46661	796	3	278	13	3	908	44	3	4230	203
8-30-66	3	2891	39	3	9539	129	3	44041	597	3	226	4	3	743	13	3	3437	58
9- 1-66	3	3896	84	3	12079	259	3	51543	1106	3	350	2	3	1084	5	3	4625	20
9- 6-66	3	8497	46	3	27142	148	3	102534	558	3	437	1	3	1395	4	3	5270	16
9-13-66	3	10070	186	3	31198	575	3	94693	1744	3	436	3	3	1351	8	3	4100	24
10- 4-66	3	11313	152	3	36914	495	3	122101	1637	3	1125	9	3	3671	30	3	12142	98
10-25-66	3	7125	592	3	32531	2702	3	96790	8039	3	1025	86	3	4679	393	3	15921	1169
11-15-66	2	12280	330	2	41940	1127	2	106635	2866	2	1050	39	2	6317	135	2	16000	343
12- 6-66	1	7026	0	1	24973	0	1	75718	0	1	1516	0	1	4717	0	1	14302	0
6-24-67	3	8430	181	3	24534	527	3	48059	1033	3	462	22	3	1343	65	3	2631	128
9- 6-67	3	7574	464	3	20601	1261	3	49578	3036	3	699	23	3	1902	64	3	4577	153
9-13-67	3	9068	211	3	22060	513	3	43846	1020	3	860	27	3	2092	65	3	4158	129
9-22-67	3	13837	580	3	39570	1660	3	85738	3597	3	1681	56	3	4809	160	3	10418	347

CLADOPHORA SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

7-20-66	3	26	4	3	111	16	3	233	34	3	73	2	3	385	9	3	643	18		
7-26-66	1	52	0	1	147	0	1	236	0	1	117	0	1	332	0	1	534	0		
8- 2-66	3	40	5	3	155	18	3	184	22	3	181	4	3	390	17	3	462	20		
8-18-66	3	43	6	3	126	17	3	309	41	3	89	10	3	260	28	3	639	70		
8-23-66	3	37	3	3	127	10	3	763	59	3	83	3	3	284	12	3	1709	69		
8-24-66	3	41	5	3	142	16	3	710	81	3	87	9	3	382	32	3	1513	160		
8-25-66	3	101	7	3	345	22	3	1117	73	3	273	14	3	928	49	3	3006	158		
8-26-66	3	144	7	3	488	23	3	1385	77	3	361	13	3	1201	45	3	3966	148		
8-27-66	3	158	12	3	498	38	3	1728	135	3	448	24	3	1395	74	3	4917	260		
8-29-66	3	421	42	3	1376	137	3	6489	648	3	1831	32	3	3372	106	3	13702	494		
8-30-66	3	313	15	3	1832	58	3	4765	233	3	811	12	3	2677	41	3	12357	188		
9- 1-66	3	326	3	3	1010	8	3	4318	34	3	1148	19	3	3535	58	3	15082	248		
9- 6-66	3	658	19	3	2875	59	3	7848	224	3	1986	13	3	6343	41	3	23960	157		
9-13-66	3	328	17	3	1634	53	3	4961	162	3	1607	11	3	4980	35	3	15114	106		
10- 4-66	3	1148	8	3	3746	27	3	12398	88	3	3832	47	3	9892	154	3	32720	511		
10-25-66	3	665	41	3	3837	186	3	9837	554	3	2447	229	3	11170	1046	3	33235	3112		
11-15-66	2	1984	13	2	6681	46	2	16829	117	2	4279	125	2	14612	429	2	37153	1090		
12- 6-66	1	1468	0	1	4543	0	1	13774	0	1	2882	0	1	7785	0	1	23604	0		
8-24-67	3	946	51	3	2733	149	3	5394	292	3	1391	76	3	4847	228	3	7928	431		
9- 6-67	3	994	75	3	2784	283	3	6688	488	3	1486	156	3	3961	426	3	9532	1024		
9-13-67	3	1158	41	3	2798	188	3	5861	198	3	2131	43	3	5184	185	3	18304	288		
9-22-67	3	1943	148	3	5557	424	3	12838	917	3	2557	118	3	7314	329	3	18844	712		

CLADOPHORA SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-HH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****																	
7-20-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
7-26-66	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
8- 2-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
8-10-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
8-23-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
8-24-66	0	0	0	0	0	0	0	0	0	3	12	12	3	43	43	3	214	214
8-25-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
8-26-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
8-27-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
8-29-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
8-30-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
9- 6-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
9-13-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
10- 4-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
10-25-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
11-15-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0
12- 6-66	1	359	0	1	1115	0	1	3382	0	1	0	0	1	0	0	1	0	0
8-24-67	3	2021	46	3	5881	135	3	11520	264	3	0	0	3	0	0	3	0	0
9- 6-67	3	1611	57	3	4383	155	3	10547	374	3	0	0	3	0	0	3	0	0
9-13-67	3	1574	47	3	3829	115	3	7611	228	3	0	0	3	0	0	3	0	0
9-22-67	3	2057	174	3	5884	497	3	12746	1076	3	5004	971	3	14313	2778	3	31007	6010

B-10

CLADOPIORA spp.

ENTIRE ORGANISM

DATE	PICOGRANIES OF ZH-NB 95									PICOGRANIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-20-66	3	3	1	3	12	6	3	24	12	3	9	5	3	39	21	3	82	43
7-26-66	1	112	0	1	320	0	1	515	0	1	24	0	1	67	0	1	108	0
6-2-66	3	16	2	3	61	7	3	72	8	3	24	3	3	93	11	3	110	13
8-10-66	3	14	2	3	42	5	3	104	13	3	22	2	3	60	7	3	162	17
6-23-66	3	17	1	3	6	4	3	361	22	3	12	6	3	41	21	3	246	127
8-24-66	3	16	1	3	54	5	3	273	25	3	16	3	3	57	11	3	284	55
8-25-66	3	69	36	3	235	122	3	760	395	3	56	5	3	191	17	3	618	56
8-26-66	3	41	4	3	137	13	3	452	42	3	129	4	3	429	12	3	1415	41
6-27-66	3	52	3	3	161	9	3	566	31	3	242	8	3	751	25	3	2649	89
5-29-66	3	157	42	3	513	137	3	2348	639	3	855	24	3	2797	79	3	13027	366
8-30-66	3	100	9	3	331	30	3	1528	140	3	591	33	3	1949	108	3	8999	497
9-1-66	3	129	0	3	400	0	3	1706	2	3	481	7	3	1491	21	3	6363	90
9-6-66	3	165	2	3	526	6	3	1988	24	3	1395	30	3	4457	95	3	16837	358
9-13-66	3	176	9	3	545	27	3	1653	83	3	991	26	3	3069	80	3	9316	244
10-4-66	3	372	10	3	1214	33	3	4015	110	3	1634	30	3	5332	98	3	17635	324
10-25-66	3	280	14	3	1280	65	3	3809	193	3	961	76	3	4385	349	3	13048	1039
11-15-66	2	609	3	2	2764	9	2	7029	23	2	2501	14	2	8542	48	2	21718	122
12-6-66	1	748	0	1	2327	0	1	7057	0	0	0	0	0	0	0	0	0	0
8-24-67	3	120	120	3	817	817	3	1093	1093	0	0	0	0	0	0	0	0	0
9-6-67	3	105	53	3	280	145	3	694	349	0	0	0	0	0	0	0	0	0
9-13-67	3	162	87	3	395	212	3	785	421	0	0	0	0	0	0	0	0	0
9-22-67	3	072	141	3	2494	403	3	5403	874	0	0	0	0	0	0	0	0	0

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CLADOPHORA SPP.

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT					BA 140 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					LA 140 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
7-20-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-27-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-30-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10- 4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12- 6-66	1	0	0	1	0	0	1	0	0	1	1967	0	1	6120	0	1	18557	0	0	0
8-24-67	3	0	0	3	0	0	3	0	0	3	3394	75	3	9877	217	3	19347	426	0	0
4- 6-67	3	797	47	3	2166	129	3	5218	311	3	1876	33	3	5104	90	3	12281	216	0	0
4-13-67	3	579	290	3	1409	705	3	2801	1401	3	2146	84	3	5220	204	3	10375	405	0	0
4-22-67	3	0	0	3	0	0	3	0	0	3	3171	133	3	9070	380	3	19649	822	0	0

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FILAMENTOUS GREEN ALGAE-MIXED

ENTIRE ORGANISM

DATE	PICOCURIES OF CS 137 PER GRAM									PICOCURIES OF CE-PR 144 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

1-16-67	2	140	140	2	505	505	2	934	934	2	1160	1160	2	4182	4182	2	7739	7739
2- 6-67	2	0	0	2	0	0	2	0	0	2	3131	1164	2	16825	6259	2	80892	30091
2-27-67	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
7-17-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0

FILAMENTOUS GREEN ALGAE-MIXED

ENTIRE ORGANISM

DATE	PICOCURIES OF SC 46									PICOCURIES OF CO 60								
	NET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			NET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

1-16-67	2	1028	299	2	3707	1076	2	6861	1992	2	0	0	2	0	0	2	0	0
2- 6-67	2	1918	288	2	10306	1551	2	49548	7453	2	0	0	2	0	0	2	0	0
2-27-67	3	1243	223	3	4599	824	3	12219	2188	3	75	5	3	278	18	3	739	48
7-17-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0

FILAMENTOUS GREEN ALGAE-MIXED

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT					CR 51 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					MN 54 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
1-16-67	2	13075	3805		2	47136	13717		2	87231	25306		2	438	2	2		2	2	1501	6		2	2925		12				
2- 6-67	2	20585	2005	2	110633	10776		2	531915	51809		2	697	22	2		2	2	3704	117		2	18003		561					
2-27-67	3	7463	727	3	27614	2609		3	73362	7145		3	463	46	3		3	3	1712	168		3	4547		448					
7-17-67	1	460	0	1	1702	0		1	4521	0		1	117	0	1		1	1	433	0		1	1150		0					

FILAMENTOUS GREEN ALGAE-MIXED

ENTIRE ORGANISM

DATE	PICOCURIES OF FE 59 PER GRAM									PICOCURIES OF ZN 65 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1-16-67	2	1058	235	2	3814	847	2	7059	1568	2	2620	322	2	9445	1161	2	17479	2148
2- 6-67	2	1581	110	2	8497	591	2	48853	2042	2	4491	593	2	24137	3187	2	116047	15323
2-27-67	3	802	116	3	2968	429	3	7885	1139	3	2908	107	3	10762	396	3	28590	1051
7-17-67	1	152	0	1	562	0	1	1492	0	1	424	0	1	1568	0	1	4167	0

FILAMENTOUS GREEN ALGAE-MIXED

ENTIRE ORGANISM

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
1-16-67	2	844	215	2	3044	774	2	5633	1432	2	0	0	2	0	0	2	0	0
2- 6-67	2	337	337	2	1014	1014	2	8720	8720	2	0	0	2	0	0	2	0	0
2-27-67	3	82	82	3	303	303	3	806	806	3	0	0	3	0	0	3	0	0
7-17-67	1	236	0	1	072	0	1	2318	0	1	0	0	1	0	0	1	0	0

FILAMENTOUS GREEN ALGAE-MIXED

ENTIRE ORGANISM

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

1-16-67	2	1814	945	2	6541	3405	2	12105	6382	0	0	0	0	0	0	0	0	0
2- 6-67	2	965	442	2	5186	2376	2	24933	11424	0	0	0	0	0	0	0	0	0
2-27-67	3	933	247	3	3451	913	3	9168	2432	0	0	0	0	0	0	0	0	0
7-17-67	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0

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FILAMENTOUS GREEN ALGAE-MIXLO

ENTIRE ORGANISM

DATE	PICOGRUES OF					BA 140					PICOGRUES OF					LA 140				
	WET WEIGHT		DRY WEIGHT		N	PER GRAM		ASH WEIGHT		N	WET WEIGHT		DRY WEIGHT		N	PER GRAM		ASH WEIGHT		N
	MEAN	S E	MEAN	S E		MEAN	S E	MEAN	S E		MEAN	S E	MEAN	S E		MEAN	S E	MEAN	S E	
1-16-67	2	377	377	2	2	1359	1359	2	2514	2514	2	3163	46	2	11401	168	2	21099	310	
2-6-67	2	0	0	2	2	0	0	2	0	2	3729	364	2	20041	1956	2	96357	9406		
2-27-67	3	0	0	3	3	0	0	3	0	3	1253	79	3	4036	294	3	12318	781		
7-17-67	1	379	0	1	1	1404	0	1	3730	0	1	636	0	1	2352	0	1	6250	0	

SPONBILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES OF CS 137				PER GRAM				PICOCURIES OF CE-PR 144				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N

8-29-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2
9- 1-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
9- 6-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3
9-13-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3
10- 4-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2
10-25-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3
11-15-66	3	37	37	3	116	116	3	185	185	3	0	0	3	0	0	3
12- 6-66	3	108	108	3	256	256	3	414	414	3	0	0	3	0	0	3
12-27-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2
1-16-67	3	0	0	3	0	0	3	1727	1177	3	4239	2890	3	8029	5474	3
2- 6-67	2	0	0	2	0	0	2	4311	1318	2	9306	2846	2	13886	4248	2
9-22-67	2	0	0	2	0	0	2	615	614	2	1486	1486	2	2192	2192	2

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SPONGILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES OF SC 46						PER GRAM						PICOCURIES OF CO 60						PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			

8-29-66	2	244	22	2	559	51	2	1135	104	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
9- 1-66	1	207	0	1	589	0	1	920	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0			
9- 6-66	3	81	61	3	219	219	3	363	363	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0			
9-13-66	3	277	7	3	835	20	3	1356	32	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0			
10- 4-66	2	424	5	2	1232	15	2	2011	24	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
10-25-66	3	175	3	3	681	11	3	1147	18	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0			
11-15-66	3	266	24	3	828	74	3	1316	118	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0			
12- 6-66	3	579	140	3	1374	333	3	2221	538	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0			
12-27-66	2	491	43	2	1379	120	2	2283	199	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0			
1-16-67	3	1082	70	3	2656	172	3	5032	327	3	34	34	3	84	84	3	159	159	3	159	159	3	159	159			
2- 6-67	2	2401	661	2	5182	1428	2	7733	2131	2	156	26	2	337	55	2	503	83	2	503	83	2	503	83			
4-22-67	2	2134	242	2	5162	585	2	7614	863	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0			

SPONGILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES OF CR 51					PER GRAM					PICOCURIES OF MN 54					PER GRAM				
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT	
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
8-29-66	2	2602	66	2	5960	151	2	12100	307	2	221	13	2	507	29	2	1029	60		
9- 1-66	1	2189	0	1	6239	0	1	9739	0	1	198	0	1	560	0	1	883	0		
9- 6-66	3	2552	148	3	6880	400	3	11390	663	3	0	0	3	0	0	3	0	0		
9-13-66	3	3982	33	3	11983	101	3	19453	164	3	171	7	3	513	20	3	833	32		
10- 4-66	2	5837	188	2	16971	547	2	27704	892	2	290	12	2	843	35	2	1377	58		
10-25-66	3	2072	103	3	8081	402	3	13607	677	3	161	7	3	627	27	3	1055	45		
11-15-66	3	3107	77	3	9659	241	3	15356	382	3	260	20	3	809	63	3	1285	100		
12- 6-66	3	5706	787	3	13543	1067	3	21892	3019	3	381	58	3	905	137	3	1403	222		
12-27-66	2	4758	402	2	13371	1130	2	22125	1869	2	581	32	2	1632	89	2	2700	147		
1-10-67	3	10303	320	3	25293	786	3	47908	1489	3	886	8	3	2176	19	3	4122	36		
2- 6-67	2	18040	5850	2	38945	12629	2	58116	18846	2	1286	242	2	2775	524	2	4141	781		
9-22-67	2	5063	380	2	12246	920	2	18062	1358	2	603	32	2	1458	78	2	2151	115		

SPONGILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES OF FE 59 PER GRAM									PICOCURIES OF ZN 65 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-27-66	2	580	48	2	1328	110	2	2696	224	2	1493	22	2	3420	50	2	6943	102
9- 1-66	1	353	0	1	1005	0	1	1568	0	1	1399	0	1	3988	0	1	6224	0
9- 6-66	3	678	21	3	1828	56	3	3027	93	3	2316	46	3	6245	123	3	10338	204
9-13-66	3	664	15	3	1997	44	3	3243	72	3	1734	30	3	5217	89	3	8470	145
10- 4-66	2	765	1	2	2226	3	2	3633	5	2	1902	147	2	5529	429	2	9025	700
10-25-66	3	416	33	3	1622	128	3	2731	215	3	1166	66	3	4549	258	3	7659	434
11-15-66	3	755	19	3	2349	59	3	3734	94	3	1777	52	3	5526	163	3	8785	259
12- 6-66	3	760	51	3	1804	121	3	2916	196	3	1596	78	3	3788	186	3	6123	300
12-27-66	2	681	28	2	1915	78	2	3168	129	2	2498	183	2	7019	510	2	11614	853
1-16-67	3	1081	48	3	2656	117	3	5028	222	3	3287	245	3	8069	603	3	15265	1142
2- 6-67	2	1361	289	2	2938	624	2	4384	931	2	5592	530	2	12071	1145	2	18013	1709
9-22-67	2	860	140	2	2080	338	2	3068	499	2	1907	29	2	4013	70	2	5804	103

SPONGILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES OF HP 239 PER GRAM									PICOCURIES OF RU-RH 106 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
8-29-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0
9- 6-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
9-13-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
10- 4-66	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	2	0	0
10-25-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
11-15-66	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3	0	0
12- 6-66	3	156	79	3	370	167	3	598	302	3	0	0	3	0	0	3	0	0
12-27-66	2	289	23	2	813	65	2	1345	107	2	0	0	2	0	0	2	0	0
1-16-67	3	606	25	3	1488	62	3	2619	116	3	0	0	3	0	0	3	0	0
2- 6-67	2	227	227	2	490	490	2	731	731	2	2698	311	2	5819	672	2	8684	1003
9-22-67	2	1078	330	2	2607	799	2	3845	1179	2	2743	2742	2	6634	6634	2	9785	9785

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SPONGILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES OF ZR-NB 95 PER GRAM									PICOCURIES OF BA-LA 140 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-29-66	2	0	0	2	0	0	2	0	0	2	1434	119	2	3284	273	2	6608	553
9- 1-66	1	79	0	1	198	0	1	310	0	1	702	0	1	2001	0	1	3123	0
9- 6-66	3	0	0	3	0	0	3	0	0	3	1788	73	3	4822	190	3	7903	324
9-13-66	3	215	144	3	647	433	3	1050	703	3	1538	69	3	4629	207	3	7515	335
10- 4-66	2	105	105	2	306	306	2	499	499	2	1346	9	2	3413	20	2	6384	43
10-25-66	3	87	1	3	338	5	3	569	9	3	851	42	3	3320	103	3	5590	274
11-15-66	3	298	125	3	927	388	3	1474	617	3	1561	36	3	4852	113	3	7714	179
12- 6-66	3	1389	1159	3	3297	2750	3	5330	4446	0	0	0	0	0	0	0	0	0
12-27-66	2	296	41	2	833	116	2	1379	193	0	0	0	0	0	0	0	0	0
1-16-67	3	583	159	3	1431	268	3	2711	500	0	0	0	0	0	0	0	0	0
2- 6-67	2	1163	490	2	2510	1059	2	3745	1580	0	0	0	0	0	0	0	0	0
9-22-67	2	553	356	2	1337	862	2	1971	1271	0	0	0	0	0	0	0	0	0

SPONGILLA FRAGILIS

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT					BA 140 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					LA 140 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 6-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10- 4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12- 6-66	3	0	0	3	0	0	3	0	0	3	1355	74	3	3217	175	3	5200	283		
12-27-66	2	0	0	2	0	0	2	0	0	2	1173	47	2	3295	133	2	5452	221		
1-16-67	3	0	0	3	0	0	3	0	0	3	3374	102	3	8282	251	3	15608	476		
2- 6-67	2	0	0	2	0	0	2	0	0	2	1981	0	2	4276	1	2	6380	2		
9-22-67	2	510	510	2	1234	1234	2	1820	1820	2	2404	488	2	5814	1182	2	8575	1743		

9-22-67 3 0 0 3 0 0 0 3 0 0 301 301 3 967 967 3 5397 5397

HYDROPSYCHIDAE

LARVAE

DATE	PICOGRUES OF SC #6				PER GRAM				PICOGRUES OF				CO #8				PER GRAM				
	N	MEAN	S E	WET WEIGHT	N	MEAN	S E	ASH WEIGHT	N	MEAN	S E	WET WEIGHT	N	MEAN	S E	DRY WEIGHT	N	MEAN	S E	ASH WEIGHT	
2-15-66	5	267	18	3	3	854	32	3	3	9746	950	132	9	3	3	421	15	3	3	4814	491
3-8-66	2	601	400	2	2	2077	1381	2	2	20160	13406	125	32	2	2	432	109	2	2	4192	1060
3-28-66	3	147	11	3	3	509	38	3	3	4976	367	60	4	3	3	206	13	3	3	2015	129
4-19-66	3	166	4	3	3	477	12	3	3	6819	175	54	4	3	3	155	10	3	3	2211	150
5-10-66	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0
5-31-66	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0
6-21-66	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0
7-12-66	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0
7-26-66	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	0	0	1	1	0	0
8-2-66	2	0	0	2	2	0	0	2	2	0	0	0	0	2	2	0	0	2	2	0	0
8-18-66	2	0	0	2	2	0	0	2	2	0	0	0	0	2	2	0	0	2	2	0	0
8-23-66	3	0	0	3	3	0	0	3	3	0	0	0	0	3	3	0	0	3	3	0	0
8-24-66	3	3	3	3	3	9	9	3	3	90	90	0	0	3	3	0	0	3	3	0	0
8-25-66	3	15	2	3	3	54	6	3	3	504	73	0	0	3	3	0	0	3	3	0	0
8-26-66	3	29	2	3	3	107	6	3	3	878	49	4	4	3	3	14	14	3	3	119	119
8-27-66	3	24	3	3	3	87	11	3	3	955	116	0	0	3	3	0	0	3	3	0	0
8-29-66	3	46	6	3	3	168	23	3	3	1669	226	0	0	3	3	0	0	3	3	0	0
8-30-66	2	0	0	2	2	0	0	2	2	0	0	0	0	2	2	0	0	2	2	0	0
9-1-66	3	35	4	3	3	121	15	3	3	1187	151	0	0	3	3	0	0	3	3	0	0
9-6-66	3	21	21	3	3	73	73	3	3	579	579	0	0	3	3	0	0	3	3	0	0
9-13-66	3	19	19	3	3	69	69	3	3	624	624	0	0	3	3	0	0	3	3	0	0
10-4-66	2	65	65	2	2	223	223	2	2	2185	2185	0	0	2	2	0	0	2	2	0	0
10-25-66	3	109	23	3	3	393	86	3	3	3601	778	0	0	3	3	0	0	3	3	0	0
11-15-66	3	62	34	3	3	227	124	3	3	2314	1264	0	0	3	3	0	0	3	3	0	0
12-6-66	2	173	19	2	2	579	64	2	2	5497	606	0	0	2	2	0	0	2	2	0	0
12-27-66	2	127	4	2	2	440	14	2	2	4304	133	0	0	2	2	0	0	2	2	0	0
1-16-67	3	189	7	3	3	669	23	3	3	6595	229	0	0	3	3	0	0	3	3	0	0
2-6-67	3	328	111	3	3	1078	367	3	3	13743	4673	89	17	3	3	292	57	3	3	3724	720
2-27-67	3	110	13	3	3	381	45	3	3	3721	440	0	0	3	3	0	0	3	3	0	0
3-22-67	3	99	28	3	3	290	82	3	3	3942	1107	66	12	3	3	193	30	3	3	2608	490
5-3-67	3	58	4	3	3	183	14	3	3	1739	135	26	13	3	3	81	41	3	3	775	388
7-26-67	1	144	0	1	1	497	0	1	1	4856	0	0	0	1	1	0	0	1	1	0	0
8-2-67	1	129	0	1	1	446	0	1	1	4363	0	0	0	1	1	0	0	1	1	0	0
8-9-67	3	287	15	3	3	869	44	3	3	3175	161	0	0	3	3	0	0	3	3	0	0
8-16-67	1	225	0	1	1	793	0	1	1	6151	0	0	0	1	1	0	0	1	1	0	0
8-24-67	3	267	17	3	3	944	59	3	3	6956	437	0	0	3	3	0	0	3	3	0	0
9-6-67	2	350	48	2	2	1297	178	2	2	10046	1500	0	0	2	2	0	0	2	2	0	0
9-13-67	1	326	0	1	1	1122	0	1	1	11138	0	0	0	1	1	0	0	1	1	0	0

9-22-67 3 2227 1017 3 7304 3336 3 39922 18236 3 21 21 3 68 68 3 370 370

HYDROPSYCHIDAE

LARVAE

DATE	PICOCURIES OF WET WEIGHT				CR 51 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				MN 54 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

2-15-66	3	1546	115	3	4937	206	3	56459	5951	3	477	5	3	1532	47	3	17357	750						
3-8-66	2	4664	3175	2	16116	10973	2	156439	106518	2	583	120	2	2015	414	2	19563	4019						
3-29-66	3	957	29	3	3309	99	3	32356	967	3	441	11	3	1525	30	3	14916	375						
4-19-66	3	1171	41	3	3375	117	3	48204	1668	3	399	7	3	1151	20	3	18444	286						
5-10-66	1	403	0	1	1391	0	1	13602	0	1	278	0	1	960	0	1	9391	0						
5-31-66	1	184	0	1	636	0	1	6221	0	1	195	0	1	672	0	1	6573	0						
6-21-66	1	585	0	1	2023	0	1	19782	0	1	120	0	1	414	0	1	4048	0						
7-12-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
7-26-66	1	40	0	1	139	0	1	1358	0	1	8	0	1	26	0	1	257	0						
8-2-66	2	39	17	2	143	60	2	885	371	2	8	1	2	30	3	2	185	22						
8-18-66	2	9	0	2	0	0	2	0	0	2	20	0	2	68	3	2	666	27						
8-23-66	3	0	0	3	0	0	3	0	0	3	18	1	3	62	3	3	559	26						
8-24-66	3	14	14	3	48	48	3	436	436	3	19	0	3	64	1	3	599	16						
8-25-66	3	100	13	3	360	46	3	3390	430	3	21	0	3	74	2	3	701	17						
8-26-66	3	228	8	3	834	20	3	6842	231	3	33	3	3	120	11	3	987	93						
8-27-66	3	229	8	3	830	28	3	9120	313	3	44	1	3	160	4	3	1762	46						
8-29-66	3	640	19	3	2351	70	3	23325	698	3	101	2	3	369	6	3	3663	60						
8-30-66	2	471	11	2	1628	40	2	15917	389	2	81	7	2	279	24	2	2726	233						
9-1-66	3	649	20	3	2242	70	3	21924	687	3	97	1	3	334	5	3	3269	50						
9-6-66	3	1111	114	3	3946	484	3	31104	3181	3	156	13	3	553	47	3	4356	370						
9-13-66	3	1428	72	3	5273	267	3	47854	2421	3	144	2	3	532	6	3	4828	53						
10-4-66	2	2101	249	2	7260	868	2	70999	8414	2	203	6	2	701	21	2	6855	208						
10-25-66	3	2219	357	3	8016	1288	3	73523	11813	3	278	39	3	1004	139	3	9209	1278						
11-15-66	3	2015	98	3	7376	360	3	75339	3688	3	256	5	3	939	18	3	9588	185						
12-6-66	2	1949	68	2	6527	228	2	61983	2163	2	293	2	2	983	7	2	9331	67						
12-27-66	2	1484	212	2	5128	733	2	50149	7164	2	361	17	2	1247	57	2	12193	561						
1-16-67	3	2191	443	3	7741	1565	3	76289	15422	3	409	8	3	1445	30	3	14245	294						
2-6-67	3	3174	609	3	10449	2006	3	133192	25574	3	470	32	3	1546	105	3	19712	1343						
2-27-67	3	868	47	3	3000	162	3	29337	1581	3	297	5	3	1025	10	3	10021	174						
3-22-67	3	764	158	3	2240	464	3	30285	6272	3	307	40	3	901	119	3	12186	1605						
5-3-67	3	473	35	3	1501	111	3	14289	1059	3	273	22	3	865	70	3	8232	660						
7-26-67	1	315	0	1	1087	0	1	10631	0	1	88	0	1	305	0	1	2980	0						
8-2-67	1	542	0	1	1874	0	1	18326	0	1	127	0	1	440	0	1	4302	0						
8-9-67	3	884	65	3	2674	197	3	9775	721	3	194	10	3	587	31	3	2145	114						
8-18-67	1	644	0	1	2272	0	1	17615	0	1	190	0	1	670	0	1	5195	0						
8-24-67	3	879	187	3	3106	659	3	22804	4857	3	235	12	3	830	42	3	6115	311						
9-6-67	2	1397	42	2	5179	156	2	40113	1206	2	379	15	2	1403	55	2	10871	425						
9-13-67	1	1150	0	1	3962	0	1	39326	0	1	331	0	1	1140	0	1	11312	0						

9-22-67 3 6517 3213 3 21375 10539 3 116827 57601 3 630 196 3 2067 642 3 11298 3511

HYDROPSYCHIDAE

LARVAE

DATE	PICOGRAPHS OF FE 59					PER GRAM					PICOGRAPHS OF ZN 65					PER GRAM				
	WET WEIGHT			DRY WEIGHT		ASH WEIGHT			WET WEIGHT			DRY WEIGHT		ASH WEIGHT						
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		

2-15-66	0	0		0	0		0	0		0	3	1561	20	3	5007	140	3	56756	2594	
3- 8-66	0	0		0	0		0	0		0	2	1572	286	2	5431	988	2	52723	9595	
3-29-66	3	270	8	3	933	28	3	9123	272	3	1364	52	3	4715	181	3	46108	1772		
4-19-66	3	264	8	3	761	24	3	10875	343	3	1436	4	3	4140	13	3	59130	184		
5-10-66	1	328	0	1	1133	0	1	11081	0	1	1437	0	1	4960	0	1	48561	0		
5-31-66	1	257	0	1	888	0	1	8681	0	1	790	0	1	2730	0	1	26700	0		
6-21-66	1	178	0	1	615	0	1	6012	0	1	513	0	1	1772	0	1	17329	0		
7-12-66	1	3	0	1	0	0	1	0	0	1	330	0	1	1140	0	1	11152	0		
7-26-66	1	34	0	1	118	0	1	1154	0	1	64	0	1	221	0	1	2159	0		
8- 2-66	2	17	5	2	63	20	2	390	121	2	71	0	2	257	30	2	1595	185		
8-18-66	2	18	2	2	62	8	2	611	83	2	85	6	2	292	20	2	2600	193		
8-23-66	3	35	4	3	122	13	3	1104	118	3	81	10	3	283	30	3	2557	328		
8-24-66	3	43	1	3	148	4	3	1386	64	3	117	5	3	400	19	3	3758	260		
8-25-66	3	49	2	3	177	9	3	1672	83	3	160	5	3	577	18	3	5436	171		
8-26-66	3	82	20	3	300	74	3	2463	611	3	401	119	3	1466	430	3	12030	3575		
8-27-66	3	68	2	3	248	6	3	2728	60	3	384	11	3	1394	41	3	15317	453		
8-29-66	3	150	13	3	550	46	3	5454	456	3	746	21	3	2737	77	3	27156	765		
8-30-66	2	136	2	2	470	7	2	4599	64	2	592	16	2	2047	57	2	20014	556		
9- 1-66	3	131	9	3	454	31	3	4439	300	3	830	6	3	2467	21	3	26039	203		
9- 6-66	3	241	18	3	857	64	3	6751	501	3	1419	34	3	5041	122	3	39735	962		
9-13-66	3	232	8	3	895	29	3	7763	264	3	1187	25	3	4381	91	3	39757	826		
10- 4-66	2	327	27	2	1131	95	2	11060	926	2	1682	11	2	5810	40	2	56823	389		
10-25-66	3	409	64	3	1470	230	3	13554	2108	3	1946	279	3	7028	1009	3	64406	9251		
11-15-66	3	433	36	3	1583	133	3	16172	1361	3	1448	26	3	5301	94	3	54139	904		
11- 6-66	2	343	53	2	1140	110	2	10916	1045	2	1145	73	2	3834	244	2	36414	2322		
12-27-66	2	399	14	2	1380	48	2	13495	468	2	1316	4	2	4547	14	2	44472	135		
1-16-67	3	361	13	3	1276	46	3	12575	451	3	1549	31	3	5473	111	3	53939	1097		
2- 6-67	3	353	25	3	1162	83	3	14813	1058	3	2176	159	3	7163	525	3	91299	6690		
2-27-67	3	269	5	3	931	10	3	9102	161	3	1342	10	3	4637	62	3	45350	611		
3-22-67	3	156	78	3	457	229	3	6182	3097	3	927	225	3	2710	660	3	36747	8917		
5- 3-67	3	213	6	3	675	18	3	6424	171	3	1343	52	3	4261	163	3	40559	1556		
7-26-67	1	59	0	1	203	0	1	1988	0	1	713	0	1	2463	0	1	24091	0		
8- 2-67	1	130	0	1	450	0	1	4403	0	1	944	0	1	3262	0	1	31901	0		
8- 9-67	3	217	20	3	656	60	3	2398	219	3	1556	60	3	4708	180	3	17214	658		
8-16-67	1	175	0	1	618	0	1	4788	0	1	1497	0	1	5280	0	1	40978	0		
8-24-67	3	218	29	3	770	101	3	5672	743	3	1861	23	3	6576	81	3	48447	600		
9- 6-67	2	367	4	2	1140	14	2	8827	109	2	2224	66	2	8245	245	2	63859	1895		
9-13-67	1	235	0	1	808	0	1	8019	0	1	1672	0	1	6450	0	1	64016	0		

9-22-67 3 1069 479 3 3585 1572 3 19157 8592 3 1266 633 3 4183 2078 3 22696 11356

HYDROPSYCHIDAE

LARVAE

DATE	PICOGRAPHS OF NP 239				PER GRAM				PICOGRAPHS OF RU-RH 106				PER GRAM			
	WET	MEAN	S	E	WET	MEAN	S	E	WET	MEAN	S	E	WET	MEAN	S	E
	WEIGHT	DRY	WEIGHT	DRY	WEIGHT	DRY	WEIGHT	DRY	WEIGHT	DRY	WEIGHT	DRY	WEIGHT	DRY	WEIGHT	DRY
2-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-19-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-10-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-31-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-12-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-27-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-30-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-6-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-16-66	111	17	2	2	372	56	2	2	3536	528	2	2	3536	528	2	2
12-27-66	226	11	2	2	763	38	2	2	7632	373	2	2	7632	373	2	2
1-16-67	283	31	3	3	1001	116	3	3	9869	1088	3	3	9869	1088	3	3
2-6-67	55	54	3	3	179	179	3	3	2287	2287	3	3	2287	2287	3	3
2-27-67	132	8	3	3	455	26	3	3	4446	272	3	3	4446	272	3	3
3-22-67	1174	1143	3	3	3493	3351	3	3	46549	45312	3	3	46549	45312	3	3
5-3-67	104	12	3	3	331	37	3	3	3152	349	3	3	3152	349	3	3
7-26-67	154	0	1	1	532	0	1	1	5204	0	1	1	5204	0	1	1
8-2-67	206	0	1	1	712	0	1	1	6965	0	1	1	6965	0	1	1
8-9-67	300	0	3	3	907	8	3	3	3315	29	3	3	3315	29	3	3
8-16-67	299	0	1	1	1055	0	1	1	8182	0	1	1	8182	0	1	1
8-24-67	302	8	3	3	1068	27	3	3	7869	200	3	3	7869	200	3	3
9-6-67	564	22	2	2	2089	80	2	2	16185	619	2	2	16185	619	2	2
9-13-67	330	0	1	1	1136	0	1	1	11270	0	1	1	11270	0	1	1

9-22-67 3 257 163 3 843 536 3 4605 2930 3 0 0 3 0 0 3 0 0 0

HYDROPSYCHIDAE

LARVAE

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-15-66	3	65	6	3	210	26	3	2354	189	0	0	0	0	0	0	0	0	0
3- 8-66	2	150	0	2	547	1	2	5313	7	0	0	0	0	0	0	0	0	0
3-29-66	3	144	9	3	498	32	3	4866	313	0	0	0	0	0	0	0	0	0
4-19-66	3	144	4	3	416	13	3	5941	181	0	0	0	0	0	0	0	0	0
5-10-66	1	87	0	1	299	0	1	2929	0	1	401	0	1	1386	0	1	15558	0
5-31-66	1	94	0	1	325	0	1	3175	0	1	277	0	1	955	0	1	9344	0
6-21-66	1	40	0	1	138	0	1	1351	0	1	172	0	1	594	0	1	5812	0
7-12-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
7-26-66	1	0	0	1	0	0	1	0	0	1	23	0	1	79	0	1	769	0
8- 2-66	2	3	3	2	11	11	2	67	67	2	6	6	2	23	23	2	141	141
8-18-66	2	12	1	2	41	3	2	402	29	2	0	0	2	0	0	2	0	0
8-23-66	3	11	1	3	37	4	3	337	38	3	11	6	3	39	20	3	354	180
8-24-66	3	17	5	3	57	17	3	527	149	3	20	10	3	69	35	3	657	334
8-25-66	3	18	3	3	64	11	3	605	100	3	38	5	3	136	19	3	1285	175
8-26-66	3	19	6	3	71	23	3	581	190	3	70	20	3	257	73	3	2114	596
8-27-66	3	21	1	3	75	4	3	829	42	3	70	2	3	254	7	3	2787	74
8-29-66	3	51	5	3	108	10	3	1864	181	3	229	10	3	839	36	3	8325	361
8-30-66	2	56	3	2	192	10	2	1878	102	2	206	5	2	712	17	2	6960	171
9- 1-66	3	39	5	3	136	16	3	1333	156	3	189	4	3	652	15	3	6374	151
9- 6-66	3	61	2	3	218	8	3	1717	66	3	553	21	3	1967	76	3	15500	597
9-13-66	3	74	9	3	272	32	3	2469	290	3	407	23	3	1502	86	3	13629	781
10- 4-66	2	59	59	2	203	203	2	1987	1987	2	588	7	2	2031	24	2	19867	237
10-25-66	3	117	23	3	422	84	3	3871	767	3	737	130	3	2663	469	3	24426	4382
11-15-66	3	159	19	3	581	70	3	5939	720	3	640	43	3	2344	157	3	23936	1604
12- 6-66	2	158	5	2	529	16	2	5028	149	0	0	0	0	0	0	0	0	0
12-27-66	2	204	14	2	703	49	2	6879	478	0	0	0	0	0	0	0	0	0
1-16-67	3	211	25	3	746	88	3	7355	866	0	0	0	0	0	0	0	0	0
2- 6-67	3	260	118	3	856	388	3	10913	4944	0	0	0	0	0	0	0	0	0
2-27-67	3	145	18	3	500	62	3	4892	606	0	0	0	0	0	0	0	0	0
3-22-67	3	545	222	3	1599	652	3	21626	8821	0	0	0	0	0	0	0	0	0
5- 3-67	3	88	11	3	279	34	3	2660	325	0	0	0	0	0	0	0	0	0
7-26-67	1	31	0	1	106	0	1	1852	0	0	0	0	0	0	0	0	0	0
8- 2-67	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
8- 9-67	3	87	87	3	262	262	3	957	957	0	0	0	0	0	0	0	0	0
8-16-67	1	46	0	1	164	0	1	1272	0	0	0	0	0	0	0	0	0	0
8-24-67	3	36	18	3	128	64	3	940	471	0	0	0	0	0	0	0	0	0
9- 6-67	2	92	8	2	341	30	2	2641	236	0	0	0	0	0	0	0	0	0
9-13-67	1	53	0	1	190	0	1	1883	0	0	0	0	0	0	0	0	0	0

9-22-67 3 321 266 3 1053 874 3 5757 4774 0 0 0 0 0 0 0 0

HYDROPSYCHIDAE

LARVAE

DATE	PICOCURIES OF WET WEIGHT					BA 140 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					LA 140 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

2-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3- 8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-19-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-10-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-31-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-12-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8- 2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-18-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-27-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-30-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 6-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10- 4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12- 6-66	2	349	12	2	1170	39	2	11112	372	2	591	20	2	1978	68	2	18786	642		
12-27-66	2	431	28	2	1489	97	2	14558	946	2	1086	16	2	3753	55	2	36699	541		
1-16-67	3	226	113	3	798	399	3	7867	3935	3	1355	28	3	4785	180	3	47162	988		
2- 6-67	3	0	0	3	0	0	3	0	0	3	1136	269	3	3739	885	3	47662	11281		
2-27-67	3	165	83	3	571	287	3	5580	2805	3	884	30	3	3054	104	3	29865	1013		
3-22-67	3	296	296	3	867	867	3	11720	11720	3	4677	4231	3	13717	12410	3	185464	167794		
5- 3-67	3	0	0	3	0	0	3	0	0	3	481	5	3	1526	10	3	14529	157		
7-26-67	1	260	0	1	980	0	1	8890	0	1	222	0	1	768	0	1	7509	0		
8- 2-67	1	202	0	1	699	0	1	6836	0	1	497	0	1	1717	0	1	16792	0		
8- 9-67	3	332	13	3	1003	40	3	3868	146	3	725	7	3	2194	22	3	8022	80		
8-18-67	1	367	0	1	1296	0	1	10046	0	1	529	0	1	1867	0	1	14472	0		
8-24-67	3	345	19	3	1219	68	3	8980	502	3	546	51	3	1930	180	3	14219	1328		
9- 6-67	2	649	66	2	2408	244	2	18650	1886	2	712	11	2	2638	42	2	20434	326		
9-13-67	1	452	0	1	1559	0	1	15471	0	1	450	0	1	1550	0	1	15309	0		

9-22-67	3	0	0	3	0	0	3	0	0	3	806	470	3	2544	1543	3	10451	8432
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BAETIS

NYMPH

DATE	PICOGRUES OF CS 137			PER GRAM			PICOGRUES OF CE-PR 144			PER GRAM			
	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	
N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	
5-31-66	1	188	0	1	690	0	1	5475	0	1	0	1	0
6-21-66	1	0	0	1	0	0	1	0	0	1	0	1	0

BAETIS		NYMPH											
DATE	N	PICOGRUES OF			SC 46			PER GRAM			PICOGRUES OF		
		WET	WEIGHT	SE	DRY	WEIGHT	MEAN	ASH	WEIGHT	SE	WET	WEIGHT	PER GRAM
		MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N
5-31-66	1	0	0	1	0	0	1	0	0	1	0	0	1
6-21-66	1	102	0	1	627	0	1	5295	0	1	0	0	1

BAETIS

NYMPH

DATE	PICOGRUPES OF			CR 51			PER GRAM			PICOGRUPES OF			MN 54			PER GRAM		
	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE
5-31-66	1	1123	0	1	3866	0	1	32671	0	1	322	0	1	1108	0	1	9368	0
6-21-66	1	897	0	1	3088	0	1	26096	0	1	318	0	1	1095	0	1	9251	0

BAEY15

NYPH

DATE	PICOGRUES OF			FE 59			PER GRAM			PICOGRUES OF			ZN 65			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
5-31-66	1	572	0 1	1	1968	0 1	1	16635	0 1	1	6582	0 1	1	22659	0 1	1	191488	0
6-21-66	1	489	0 1	1	1682	0 1	1	14218	0 1	1	2982	0 1	1	10266	0 1	1	86754	0

BAETIS

NYMPH

DATE	PICOCURIES OF NP 239				PER GRAM				PICOCURIES OF RU-RH 106				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
5-31-66	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0
6-21-66	0	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0

BAETIS

NYMPH

DATE	PICOGRAPHS OF 2R-MB 95				PER GRAM				PICOGRAPHS OF BA-LA 140				PER GRAM				
	NET WEIGHT		DRY WEIGHT		WET WEIGHT		ASH		WET WEIGHT		DRY WEIGHT		ASH				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	N	MEAN	S E	N	MEAN	S E	N	MEAN	
5-31-66	1	488	0	1	1403	0	1	11855	0	1	639	0	1	2270	0	1	19181
6-21-66	1	160	0	1	579	0	1	4893	0	1	620	0	1	2133	0	1	18026

CHIRONOMIDAE

LARVAE

DATE	PICOGRUES OF CS 137				PER GRAM				PICOGRUES OF CE-PR 144				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
2-15-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
3-8-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
3-29-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1
4-20-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1

CHIRONOMIDAE

LARVAE

DATE	N	PICOGRAPHS OF			SC #6			PER GRAM			PICOGRAPHS OF			CO 60			PER GRAM		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
2-15-66	1	87	0	1	414	0	1	3077	0	1	0	0	1	0	0	1	0	0	0
3-8-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
3-29-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0
4-20-66	1	53	0	1	254	0	1	1890	0	1	0	0	1	0	0	1	0	0	0

CHIRONOMIDAE

LARVAE

DATE	PICOGRUES OF CR 51			PER GRAM			PICOGRUES OF			MN 54			PER GRAM		
	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-15-66	1	563	0	1	2685	0	1	1961	0	1	41	0	1	196	0
3-8-66	1	687	0	1	3277	0	1	24360	0	1	29	0	1	139	0
3-29-66	1	405	0	1	1930	0	1	14347	0	1	47	0	1	224	0
4-20-66	1	697	0	1	5323	0	1	24700	0	1	57	0	1	177	0

CHIRONOMIDAE

LARVAE

DATE	PICOGRUES OF			FE 59			PER GRAM			NET WEIGHT			PICOGRUES OF			ZINCS			PER GRAM		
	NET WEIGHT	MEAN	S E	NET WEIGHT	MEAN	S E	ASH WEIGHT	MEAN	S E	NET WEIGHT	MEAN	S E	NET WEIGHT	MEAN	S E	NET WEIGHT	MEAN	S E			
2-15-66	0	0	0	0	0	0	0	0	0	0	1	743	0	1	3543	0	1	26351			
3-8-66	0	0	0	0	0	0	0	0	0	0	1	661	0	1	3151	0	1	23423			
3-29-66	1	92	0	1	438	0	1	3256	0	1	603	0	1	2878	0	1	21392				
4-20-66	1	158	0	1	754	0	1	5602	0	1	577	0	1	2752	0	1	20566				

CHIRONOMIDAE		LARVAE											
DATE	N	PICOGRUES OF			NP 239			PER GRAM			PICOGRUES OF		
		WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT		
		MEAN	S	E	MEAN	S	E	MEAN	S	E	MEAN	S	E
2-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0
3-6-66	0	0	0	0	0	0	0	0	0	0	0	0	0
3-29-66	0	0	0	0	0	0	0	0	0	0	1253	0	1
4-20-66	0	0	0	0	0	0	0	0	0	0	1538	0	1
												11430	0

CHIRONOMIDAE		LARVAE											
		PICOGRUES OF ZR-NB 95				PER GRAM				PICOGRUES OF BA-LA 1ND			
		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT	
		N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
DATE													
2-15-66	1	0	0	0	1	0	0	0	0	0	0	0	0
3-8-66	1	0	0	0	1	0	0	0	0	0	0	0	0
3-29-66	1	0	0	0	1	0	0	0	0	0	0	0	0
4-20-66	1	37	0	1	176	1300	0	1	0	0	0	0	0

CHIRONOMIDAE

LARVAE

DATE	PICOCURIES OF			BA 140			PER GRAM			PICOCURIES OF			LA 140			PER GRAM		
	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE
2-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3- 8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-20-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FISHEROLA NUTTALLII

SHELL

DATE	PICOGRAPHS OF			SC 46			PER GRAM			PICOGRAPHS OF			CO 60			PER GRAM			ASH			WEIGHT		
	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE
2-16-66	3	16	3	3	17	3	3	17	3	3	20	3	3	21	3	3	22	3	3	22	3	3	22	3
2-22-66	1	16	0	1	18	0	1	20	0	1	17	0	1	19	0	1	21	0	1	21	0	1	21	0
3-6-66	3	0	0	3	0	0	3	0	0	3	36	1	3	41	1	3	43	1	3	43	1	3	43	1
3-23-66	1	0	0	1	0	0	1	0	0	1	15	0	1	17	0	1	19	0	1	19	0	1	19	0
3-29-66	3	0	0	3	0	0	3	0	0	3	18	1	3	18	1	3	20	1	3	20	1	3	20	1
4-19-66	3	0	0	3	0	0	3	0	0	3	15	1	3	17	1	3	17	1	3	17	1	3	17	1
5-10-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
8-23-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
8-24-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
8-25-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
8-26-66	2	4	6	2	5	5	2	6	6	2	9	9	2	10	10	2	12	10	2	12	10	2	12	10
8-27-66	2	6	6	2	7	7	2	8	8	2	9	9	2	10	10	2	12	10	2	12	10	2	12	10
8-29-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
8-30-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
9-1-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
9-6-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
9-13-66	2	39	0	2	45	0	2	49	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
10-4-66	1	39	0	1	45	0	1	49	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
10-25-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
11-15-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0
12-6-66	3	7	7	3	7	7	3	8	8	3	10	5	3	11	11	3	12	11	3	12	11	3	12	11
12-27-66	3	0	0	3	0	0	3	0	0	3	8	8	3	9	9	3	10	9	3	10	9	3	10	9
1-9-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
1-10-67	3	3	0	3	59	0	3	61	0	3	12	6	3	13	13	3	13	13	3	13	13	3	13	13
2-6-67	3	43	0	3	59	0	3	61	0	3	48	2	3	66	66	3	68	66	3	68	66	3	68	66
2-20-67	1	0	0	1	0	0	1	0	0	1	24	4	1	28	28	1	31	31	1	31	31	1	31	31
2-27-67	3	0	0	3	0	0	3	0	0	3	31	0	3	35	35	3	38	35	3	38	35	3	38	35
3-27-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
9-6-67	1	295	0	1	326	0	1	358	0	1	62	12	1	69	69	1	75	75	1	75	75	1	75	75
9-22-67	2	654	488	2	723	539	2	794	592	2	62	12	2	69	69	2	75	75	2	75	75	2	75	75

FISHEROLA NUTTALLII

SHELL

DATE	PICOGRANULES OF CR 51					PER GRAM					PICOGRANULES OF MN SN					PER GRAM				
	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT
N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-16-66	3	110	19	3	126	21	3	129	22	3	177	6	3	190	7	3	193	7		
2-22-66	1	333	0	1	375	0	1	416	0	1	176	0	1	199	0	1	221	0		
3- 8-66	3	177	36	3	199	41	3	212	50	3	245	6	3	276	7	3	292	21		
3-23-66	1	141	0	1	159	0	1	177	0	1	181	0	1	204	0	1	227	0		
3-29-66	3	25	25	3	25	25	3	27	27	3	216	7	3	218	7	3	239	8		
4-19-66	3	111	3	3	120	3	3	124	3	3	196	7	3	212	7	3	219	8		
5-10-66	1	0	0	1	0	0	1	0	0	1	118	0	1	133	0	1	148	0		
6-23-66	2	0	0	2	0	0	2	0	0	2	56	31	2	63	34	2	70	38		
6-24-66	2	0	0	2	0	0	2	0	0	2	88	47	2	100	52	2	111	58		
6-25-66	1	3	0	1	0	0	1	0	0	1	33	0	1	36	0	1	37	0		
6-26-66	2	40	40	2	45	45	2	50	50	2	62	28	2	70	32	2	78	35		
6-27-66	2	47	47	2	52	52	2	61	61	2	72	35	2	81	40	2	91	43		
6-29-66	1	155	0	1	166	0	1	233	0	1	56	0	1	60	0	1	85	0		
6-30-66	2	87	87	2	95	95	2	109	109	2	34	22	2	38	24	2	43	27		
7- 1-66	1	222	0	1	250	0	1	278	0	1	87	0	1	98	0	1	109	0		
7- 6-66	3	116	59	3	130	66	3	147	75	3	96	15	3	107	16	3	122	19		
7-13-66	2	393	19	2	471	23	2	491	24	2	142	42	2	171	50	2	178	52		
10- 4-66	1	583	0	1	670	0	1	716	0	1	167	0	1	192	0	1	206	0		
10-25-66	1	315	0	1	597	0	1	413	0	1	120	0	1	161	0	1	167	0		
11-15-66	2	105	9	2	121	11	2	138	12	2	153	4	2	176	4	2	201	5		
12- 6-66	3	283	6	3	319	7	3	354	8	3	168	2	3	190	3	3	211	3		
12-27-66	3	103	7	3	118	8	3	129	9	3	144	8	3	164	8	3	180	11		
1- 9-67	1	66	0	1	74	0	1	82	0	1	120	0	1	135	0	1	150	0		
1-16-67	3	128	2	3	138	2	3	143	2	3	158	15	3	171	17	3	177	17		
2- 6-67	3	426	52	3	585	71	3	607	73	3	311	18	3	426	24	3	442	25		
2-20-67	1	86	0	1	97	0	1	108	0	1	185	0	1	209	0	1	232	0		
2-27-67	3	219	34	3	254	40	3	283	44	3	202	30	3	234	35	3	260	39		
3-27-67	1	125	0	1	141	0	1	157	0	1	222	0	1	251	0	1	278	0		
4- 6-67	1	847	0	1	937	0	1	1028	0	1	386	0	1	427	0	1	468	0		
4-22-67	2	1280	883	2	1414	976	2	1553	1072	2	331	47	2	366	52	2	402	57		

FISHEROLA NUTTALLII

SHELL

DATE	PICOGRAPHS OF NP 239			PER GRAM			PICOGRAPHS OF RU-RH 106			PER GRAM		
	NET WEIGHT	MEAN	S E	NET WEIGHT	MEAN	S E	NET WEIGHT	MEAN	S E	NET WEIGHT	MEAN	S E
2-16-66	0	0	0	0	0	0	3	81	6	3	87	7
2-22-66	0	0	0	0	0	0	1	0	0	1	0	0
3- 8-66	0	0	0	0	0	0	3	193	22	3	217	25
3-23-66	0	0	0	0	0	0	1	0	0	1	0	0
3-29-66	0	0	0	0	0	0	3	35	35	3	35	35
4-19-66	0	0	0	0	0	0	3	60	30	3	65	32
5-10-66	0	0	0	0	0	0	1	0	0	1	0	0
6-23-66	0	0	0	0	0	0	2	0	0	2	0	0
6-24-66	0	0	0	0	0	0	1	0	0	1	0	0
6-25-66	0	0	0	0	0	0	2	0	0	2	0	0
6-26-66	0	0	0	0	0	0	2	0	0	2	0	0
6-27-66	0	0	0	0	0	0	1	0	0	1	0	0
6-29-66	0	0	0	0	0	0	2	0	0	2	0	0
6-30-66	0	0	0	0	0	0	1	0	0	1	0	0
9- 1-66	0	0	0	0	0	0	3	0	0	3	0	0
9- 6-66	0	0	0	0	0	0	2	0	0	2	0	0
9-13-66	0	0	0	0	0	0	1	0	0	1	0	0
10- 4-66	0	0	0	0	0	0	2	0	0	2	0	0
10-25-66	0	0	0	0	0	0	1	0	0	1	0	0
11-15-66	0	0	0	0	0	0	3	0	0	3	0	0
11- 6-66	0	0	0	0	0	0	2	0	0	2	0	0
12-27-66	3	22	0	0	0	0	3	0	0	3	0	0
1- 9-67	3	26	1	25	32	2	3	0	0	3	0	0
1-16-67	3	22	0	16	26	0	3	114	0	3	128	0
2- 6-67	3	15	7	30	16	8	3	0	0	3	0	0
2-20-67	1	22	12	0	31	16	3	0	0	3	0	0
2-27-67	3	0	0	0	0	0	3	0	0	3	0	0
3-27-67	1	0	0	0	0	0	1	0	0	1	0	0
9- 6-67	1	255	0	282	309	0	1	0	0	1	0	0
9-22-67	2	90	32	99	109	35	2	0	0	2	0	0

FISHEROLA NUTTALLII

SOFT PARTS

DATE	PICOGRAPHS OF DRY WEIGHT			CS 137 PER GRAM ASH WEIGHT			NET WEIGHT			PICOGRAPHS OF DRY WEIGHT			CE-PR 144 PER GRAM ASH WEIGHT			NET WEIGHT			PICOGRAPHS OF DRY WEIGHT			CE-PR 144 PER GRAM ASH WEIGHT		
	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE
2-16-66	5	0	0	5	0	0	5	0	0	5	0	0	5	0	0	5	0	0	5	0	0	5	0	0
2-22-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-8-66	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-23-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-29-66	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-19-66	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-10-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-23-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-24-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-25-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-26-66	2	2	2	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-27-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-30-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-1-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-6-66	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-13-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-8-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-25-66	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-15-66	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-8-66	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-27-66	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-9-67	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1-16-67	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-6-67	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-20-67	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-27-67	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-27-67	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-6-67	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-22-67	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

5413

825

167

FISHEROLA NUTTALLII

SOFT PARTS

DATE	PICOGRUES OF WET WEIGHT				SC 46 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOGRUES OF WET WEIGHT				CO 60 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-16-66	3	45	5	3	229	25	3	1509	164	3	49	6	3	250	29	3	1649	188						
2-22-66	1	39	0	1	201	0	1	1323	0	1	48	0	1	247	0	1	1625	0						
3- 8-66	3	43	4	3	221	20	3	1454	130	3	29	2	3	147	8	3	971	51						
3-23-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
3-29-66	3	40	5	3	99	13	3	1324	175	3	0	0	3	0	0	3	0	0						
4-19-66	3	51	11	3	225	50	3	1889	421	3	0	0	3	0	0	3	0	0						
4-10-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
8-23-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0						
8-24-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0						
8-25-66	1	0	0	1	0	0	1	0	0	1	7	0	1	37	0	1	380	0						
8-26-66	2	16	6	2	83	31	2	549	203	2	0	0	2	0	0	2	0	0						
8-27-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0						
8-29-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
8-30-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0						
9- 1-66	1	0	0	1	0	0	1	0	0	1	11	0	1	56	0	1	311	0						
9- 6-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0						
9-13-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0						
10- 4-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
10-25-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
11-15-66	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0	2	0	0						
12- 6-66	3	10	10	3	51	51	3	335	335	3	8	8	3	39	39	3	258	258						
12-27-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0						
1- 9-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
1-16-67	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0						
2- 6-67	3	49	6	3	232	29	3	1800	225	3	51	12	3	238	57	3	1849	440						
2-20-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0						
2-27-67	3	31	16	3	155	81	3	1356	705	3	0	0	3	0	0	3	0	0						
3-27-67	1	23	0	1	120	0	1	789	0	1	13	0	1	67	0	1	443	0						
4- 6-67	1	41	0	1	179	0	1	1174	0	1	0	0	1	0	0	1	0	0						
4-22-67	2	133	2	2	572	10	2	4629	84	2	159	13	2	685	58	2	5549	466						

FISHEROLA NUTTALLII

SOFT PARTS

DATE	PICOGRUES OF				CH 51				PER GRAM				PICOGRUES OF				MM 54				PER GRAM			
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-16-66	3	1009	40	3	5155	285	3	33971	1351	3	97	9	3	498	48	3	3279	316						
2-22-66	1	1057	0	1	5397	0	1	35561	0	1	103	0	1	526	0	1	3481	0						
3-8-66	3	896	78	3	4576	396	3	30155	2611	3	82	6	3	417	29	3	2750	189						
3-23-66	1	879	0	1	4491	0	1	29595	0	1	56	0	1	288	0	1	1901	0						
3-29-66	3	867	149	3	2151	369	3	28838	4945	3	62	1	3	153	4	3	2049	49						
4-19-66	3	998	206	3	4377	902	3	36707	7563	3	74	8	3	325	33	3	2722	260						
5-10-66	1	735	0	1	3751	0	1	24719	0	1	0	0	1	0	0	1	0	0						
8-23-66	2	0	0	2	0	0	2	0	0	2	14	0	2	78	1	2	464	9						
8-24-66	2	0	0	2	0	0	2	0	0	2	16	0	2	83	2	2	494	35						
8-25-66	1	35	53	2	195	0	1	1998	0	1	22	0	1	123	0	1	1255	0						
8-26-66	2	53	53	2	272	272	2	1794	1794	2	24	0	2	122	2	2	804	14						
8-27-66	2	55	55	2	304	304	2	1829	1829	2	20	3	2	105	21	2	658	102						
8-29-66	1	260	0	1	1199	0	1	6761	0	1	36	0	1	168	0	1	945	0						
8-30-66	2	314	72	2	1552	319	2	9507	1387	2	33	5	2	162	23	2	994	79						
9-1-66	3	379	0	3	1914	0	3	10624	0	3	44	0	3	223	0	3	1237	0						
9-6-66	3	557	105	3	2930	546	3	18924	3559	3	33	17	3	175	88	3	1135	568						
9-13-66	2	549	222	2	2925	1180	2	17752	7162	2	22	22	2	116	116	2	706	706						
10-4-66	1	706	0	1	3628	0	1	22508	0	1	67	0	1	344	0	1	2134	0						
10-25-66	1	788	0	1	4595	0	1	26312	0	1	64	0	1	372	0	1	2129	0						
11-15-66	2	763	0	2	4436	1	2	35485	12	2	78	5	2	451	31	2	3606	247						
12-6-66	3	631	29	3	3222	147	3	21232	971	3	78	2	3	397	11	3	2616	71						
12-27-66	3	954	54	3	4750	356	3	32156	1776	3	70	2	3	347	15	3	2354	80						
1-9-67	1	873	0	1	4460	0	1	29390	0	1	75	0	1	382	0	1	2518	0						
1-16-67	3	609	12	3	3252	64	3	24322	481	3	73	5	3	389	24	3	2908	182						
2-6-67	3	885	88	3	4158	411	3	32244	3188	3	119	5	3	561	26	3	4350	200						
2-20-67	1	817	0	1	4171	0	1	27482	0	1	59	0	1	302	0	1	1993	0						
2-27-67	3	777	82	3	3872	410	3	33896	3590	3	99	6	3	494	32	3	4325	277						
3-27-67	1	667	0	1	3404	0	1	22431	0	1	63	0	1	323	0	1	2129	0						
7-6-67	1	363	0	1	1598	0	1	10467	0	1	80	0	1	353	0	1	2314	0						
9-22-67	2	1028	0	2	4431	2	2	35868	17	2	191	15	2	824	63	2	6669	511						

FISHEROLA NUTALLII

SOFT PARTS

DATE	PICOGRUES OF DRY WEIGHT			FE 59 PER GRAM ASH WEIGHT			WET WEIGHT			PICOGRUES OF DRY WEIGHT			ZN 65 PER GRAM ASH WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-16-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2-22-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-23-66	0	238	0	0	1216	0	0	0	0	0	0	0	0	0	0	0	0	0
3-29-66	3	103	9	3	256	301	22	3	3428	301	22	3	0	0	0	0	0	0
4-19-66	3	106	12	3	463	451	54	3	3881	451	54	3	0	0	0	0	0	0
5-10-66	1	259	0	1	1320	0	0	1	8700	0	0	1	0	0	0	0	0	0
8-23-66	2	59	7	2	303	236	36	2	1996	236	36	2	0	0	0	0	0	0
8-24-66	2	57	2	2	291	115	9	2	1738	115	9	2	0	0	0	0	0	0
8-25-66	1	64	0	1	358	0	0	1	3661	0	0	1	0	0	0	0	0	0
8-26-66	2	71	16	2	364	527	60	2	2396	527	60	2	0	0	0	0	0	0
8-27-66	2	84	2	2	447	70	10	2	2811	70	10	2	0	0	0	0	0	0
8-29-66	1	132	0	1	600	0	0	1	3427	0	0	1	0	0	0	0	0	0
8-30-66	2	155	4	2	770	531	38	2	4796	531	38	2	0	0	0	0	0	0
9-1-66	1	96	0	1	486	0	0	1	2697	0	0	1	0	0	0	0	0	0
9-6-66	3	216	16	3	1133	518	68	3	7318	518	68	3	0	0	0	0	0	0
9-13-66	2	280	40	2	1490	1294	213	2	9080	1294	213	2	0	0	0	0	0	0
10-4-66	1	116	0	1	593	0	0	1	3681	0	0	1	0	0	0	0	0	0
10-25-66	1	188	0	1	1097	0	0	1	6279	0	0	1	0	0	0	0	0	0
11-15-66	2	210	4	2	1266	198	25	2	10125	198	25	2	0	0	0	0	0	0
12-6-66	3	164	18	3	835	618	94	3	5505	618	94	3	0	0	0	0	0	0
12-27-66	3	184	5	3	918	175	51	3	6216	175	51	3	0	0	0	0	0	0
1-9-67	1	173	0	1	881	0	0	1	5805	0	0	1	0	0	0	0	0	0
1-10-67	3	178	5	3	953	217	29	3	7130	217	29	3	0	0	0	0	0	0
2-6-67	3	137	25	3	645	927	120	3	5003	927	120	3	0	0	0	0	0	0
2-20-67	1	149	0	1	758	0	0	1	4998	0	0	1	0	0	0	0	0	0
2-27-67	3	201	13	3	1802	576	66	3	8778	576	66	3	0	0	0	0	0	0
3-27-67	1	76	0	1	386	0	0	1	2546	0	0	1	0	0	0	0	0	0
4-6-67	1	112	0	1	493	0	0	1	3238	0	0	1	0	0	0	0	0	0
9-22-67	2	408	4	2	1759	150	19	2	14239	150	19	2	0	0	0	0	0	0

FISHEROLA NUTTALLII

SOFT PARTS

DATE	PICOGRUES OF 2R-NB 95			PER GRAM			PICOGRUES OF BA-LA 140			PER GRAM		
	N	MEAN	S E	WET WEIGHT	MEAN	S E	N	MEAN	S E	WET WEIGHT	MEAN	S E
2-16-66	3	21	1	3	100	35	0	0	0	0	0	0
2-22-66	1	48	0	1	244	0	0	0	0	0	0	0
3-8-66	3	38	4	3	194	144	0	0	0	0	0	0
3-23-66	1	34	0	1	176	0	0	0	0	0	0	0
3-29-66	3	43	5	3	107	174	0	0	0	0	0	0
4-19-66	3	52	3	3	226	100	0	0	0	0	0	0
5-10-66	1	0	0	1	0	0	1	209	0	1068	0	0
8-23-66	2	16	2	2	83	53	2	41	8	208	42	2
8-24-66	2	14	3	2	72	49	2	19	19	96	90	2
8-25-66	1	18	0	1	101	0	1	30	0	170	0	1
8-26-66	2	7	7	2	34	224	2	24	24	121	121	2
8-27-66	2	11	11	2	62	374	2	32	32	180	180	2
8-29-66	1	40	0	1	182	0	1	144	0	665	0	1
8-30-66	2	36	7	2	179	122	2	121	27	596	118	2
9-1-66	1	32	0	1	161	0	1	80	0	443	0	1
9-6-66	3	64	12	3	334	398	3	286	47	1499	237	3
9-13-66	2	32	32	2	169	1026	2	250	18	1331	94	2
10-4-66	1	44	0	1	228	0	1	140	0	717	0	1
10-25-66	1	97	0	1	566	0	1	178	0	1037	0	1
11-15-66	2	96	5	2	559	254	2	217	12	1259	69	2
12-6-66	3	72	10	3	360	326	0	0	0	0	0	0
12-27-66	3	76	3	3	377	113	0	0	0	0	0	0
1-9-67	1	100	0	1	510	0	0	0	0	0	0	0
1-16-67	3	98	14	3	526	569	0	0	0	0	0	0
2-6-67	3	73	17	3	343	258	0	0	0	0	0	0
2-20-67	1	64	0	1	329	0	0	0	0	0	0	0
2-27-67	3	113	9	3	561	387	0	0	0	0	0	0
3-27-67	1	30	0	1	152	0	0	0	0	0	0	0
9-6-67	1	50	0	1	221	0	0	0	0	0	0	0
9-22-67	2	167	34	2	722	1173	0	0	0	0	0	0

FISHEROLA NUTTALLII

SOFT PARTS

DATE	PICOGRAPHS OF BA 140 DRY WEIGHT						PER GRAM ASH DRY WEIGHT						PICOGRAPHS OF LA 140 DRY WEIGHT						PER GRAM ASH MEAN SE					
	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE			
2-16-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
2-22-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3-8-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
3-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
4-19-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
5-10-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8-23-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8-24-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8-27-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
8-30-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9-1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9-6-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
9-13-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10-4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
10-25-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
11-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12-6-66	3	46	46	3	0	0	3	0	0	0	141	141	2	3	3	719	719	8	3	4741	51			
12-27-66	3	46	46	3	235	235	3	1546	1546	3	215	215	13	3	3	1072	1072	85	3	7251	415			
1-9-67	1	0	0	1	0	0	1	0	0	1	296	296	0	1	1	1512	1512	0	1	9965	317			
1-16-67	3	0	0	3	0	0	3	0	0	3	220	220	8	3	3	1174	1174	42	3	8778	371			
2-6-67	3	0	0	3	0	0	3	0	0	3	184	184	10	3	3	863	863	46	3	6692	371			
2-20-67	3	0	0	3	0	0	3	0	0	3	308	308	10	3	3	1570	1570	46	3	10349	0			
3-27-67	3	0	0	3	0	0	3	0	0	3	310	310	34	3	3	1544	1544	168	3	13515	1467			
3-27-67	1	192	0	1	846	0	1	0	0	1	621	621	0	1	1	3169	3169	0	1	20882	0			
9-6-67	1	192	0	1	846	0	1	5551	0	1	180	180	0	1	1	792	792	0	1	5202	0			
9-22-67	2	0	0	2	0	0	2	0	0	2	486	486	27	2	2	2095	2095	118	2	16955	953			

ASTACUS TROWBRIDGII

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT			CS 137 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			CE-PR 144 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

4- 4-66	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0	3	0	0
6-21-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0
9- 1-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0

ASTACUS TROMBRIDGII

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT					SC 46 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					CO 60 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E		
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
4- 4-66	3	0	0	3	34	34	3	320	320	3	7	7	3	29	29	3	276	276												
6-21-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0												
9- 1-66	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0												

ASTACUS TOWNBRIDGII

ENTIRE ORGANISM

DATE	PICOCURIES OF WET WEIGHT				FE 59 PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				ZN 65 PER GRAM ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N

4- 4-66	3	83	23	3	358	99	3	3384	930	3	544	41	3	2343	178	3
6-21-66	1	42	0	1	179	0	1	1698	0	1	176	0	1	756	0	1
9- 1-66	1	27	0	1	115	0	1	1889	0	1	200	0	1	861	0	1

ASTACUS TROMBRIDGII

ENTIRE ORGANISM

DATE	PICOCURIES OF ZR-NB 95 PER GRAM									PICOCURIES OF BA-LA 140 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

4- 4-66	3	35	7	3	149	30	3	1400	286	0	0	0	0	0	0	0	0	0
6-21-66	1	9	0	1	39	0	1	365	0	1	39	0	1	106	0	1	1569	0
9- 1-66	1	9	0	1	41	0	1	365	0	1	32	0	1	136	0	1	1286	0

ASTACUS TROMBRIDGII

ENTIRE ORGANISM

DATE	PICOCURIES OF BA 140 PER GRAM								PICOCURIES OF LA 140 PER GRAM							
	WET WEIGHT				DRY WEIGHT				WET WEIGHT				DRY WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
4- 4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9- 1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ACIPENSER TRANSMONTANUS ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF CS 137				PER GRAM ASH WEIGHT				PICOGRAPHS OF CE-PR 144				PER GRAM ASH WEIGHT			
	WET WEIGHT	MEAN	SE	N	WET WEIGHT	MEAN	SE	N	WET WEIGHT	MEAN	SE	N	WET WEIGHT	MEAN	SE	N
7-12-66	.4	1.6	.0	7	16.5	2.8	.0	7	.0	.0	.0	7	.0	.0	.0	7
7-27-66	.5	2.2	.0	6	21.8	3.4	.0	6	.0	.0	.0	6	.0	.0	.0	6
8-4-66	.2	1.1	.0	7	11.8	3.1	.0	7	.0	.0	.0	7	.0	.0	.0	7
8-17-66	.2	1.1	.0	5	8.5	3.8	.0	5	.0	.0	.0	5	.0	.0	.0	5

ACIPENSER TRANSMONTANUS		ENTIRE MINUS GUT CONTENT LARGE FISH											
DATE	N	PICOGRAPHS OF			SC 46			PER GRAM			PICOGRAPHS OF		
		MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N
7-12-66	7	.0	.0	7	.0	.0	7	.0	.0	7	.3	.0	7
7-27-66	6	.0	.0	6	.2	.0	6	1.1	1.1	6	.5	.0	6
8-4-66	7	.0	.0	7	.0	.0	7	.0	.0	7	.2	.0	7
8-17-66	5	.1	.0	5	.3	.0	5	2.2	1.3	5	.2	.0	5
		SC 46			PER GRAM			PICOGRAPHS OF			CO 60		
		MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N
		7	.0	7	.0	.0	7	.0	.0	7	1.5	.0	7
		6	.0	6	.2	.0	6	1.1	1.1	6	2.5	1.2	6
		7	.0	7	.0	.0	7	.0	.0	7	1.2	.5	7
		5	.1	5	.3	.0	5	2.2	1.3	5	1.0	.5	5
		7	.0	7	.0	.0	7	.0	.0	7	15.0	.0	7
		6	.0	6	.2	.0	6	1.1	1.1	6	20.2	.0	6
		7	.0	7	.0	.0	7	.0	.0	7	12.1	.5	7
		5	.1	5	.3	.0	5	2.2	1.3	5	9.1	.5	5

ACIPENSER TRANSMONTANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			CR 51 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			MN 54 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-12-66	7	23.2	4.7	7	105.7	22.3	7	1077.1	280.2	7	.3	.0	7	1.4	.0	7	13.6	2.2
7-27-66	6	12.5	4.1	6	57.8	19.5	6	526.0	172.4	6	.4	.0	6	1.9	.4	6	16.3	2.6
8- 4-66	7	6.6	1.1	7	30.5	5.2	7	310.7	47.1	7	.2	.0	7	.9	.0	7	9.7	2.2
8-17-66	5	4.1	.7	5	19.7	4.0	5	146.2	19.9	5	.2	.0	5	1.2	.4	5	0.9	2.7

ACIPENSER TRANSMONTANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E						

7-12-66	7	.0	.0	7	.0	.0	7	.0	.0	7	23.4	2.0	7	105.7	12.7	7	1032.6	106.9												
7-27-66	6	.1	.0	6	.5	.5	6	6.1	6.1	6	33.7	7.5	6	156.5	41.7	6	1362.8	219.6												
8-4-66	7	.0	.0	7	.0	.0	7	.0	.0	7	26.4	8.4	7	122.8	39.7	7	1163.3	286.2												
8-17-66	5	.0	.0	5	.0	.0	5	.0	.0	5	34.9	6.4	5	162.0	24.6	5	1279.3	241.9												

ACIPENSER TRANSMONTANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF NP 239						PICOCURIES OF RU-RH 106						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

7-12-66	0	.0	.0	0	.0	.0	0	.0	.0	7	.0	.0	7	.0	.0	7	.0	.0
7-27-66	0	.0	.0	0	.0	.0	0	.0	.0	6	.5	.5	6	2.3	2.3	6	25.9	25.9
8-4-66	0	.0	.0	0	.0	.0	0	.0	.0	7	.4	.0	7	1.8	1.8	7	22.1	22.1
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	5	.8	.8	5	3.0	3.0	5	39.0	39.6

ACIPENSER TRANSMONTANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-Nb 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
7-12-66	7	.0	.0	7	.0	.0	7	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-27-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-4-66	7	.0	.0	7	.0	.0	7	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-17-66	5	.0	.0	5	.0	.0	5	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

ACIPENSER TRANSMONTANUS ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF				BA 140				PER GRAM				LA 140				PER GRAM			
	WET WEIGHT		DRY WEIGHT		MEAN		S E		N		ASH		MEAN		S E		N		ASH	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN
7-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0
7-27-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0
8-4-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0

ACIPENSER TRANSMONTANUS														MUSCLE														LARGE FISH													
DATE		PICOGRAPHS OF					SC 46					PER GRAM					WET WEIGHT					PICOGRAPHS OF					WET WEIGHT					PER GRAM									
		MEAN		SE		N	MEAN		SE		N	MEAN		SE		N	MEAN		SE		N	MEAN		SE		N	MEAN		SE		N										
2-22-66		.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0							
3-15-66		.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0							
4- 5-66		.0		.0		1	.0		.0		1	.0		.0		1	.0		.0		1	.0		.0		1	.0		.0		1	.0		.0							
4-26-66		.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0							
5-17-66		.0		.0		6	.0		.0		6	.0		.0		6	.0		.0		6	.0		.0		6	.0		.0		6	.0		.0							
6- 7-66		.0		.0		3	.0		.0		3	.0		.0		3	.0		.0		3	.0		.0		3	.0		.0		3	.0		.0							
6-26-66		.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0							
7-19-66		.1		.0		5	.3		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0							
8-10-66		.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0							
1- 4-67		.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0		2	.0		.0							
7-14-67		.2		.0		5	.7		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0							
6-29-67		.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0		5	.0		.0							
9-26-67		.0		.0		1	.0		.0		1	.0		.0		1	.0		.0		1	.0		.0		1	.0		.0		1	.0		.0							

ACIPENSER TRANSMONTANUS

CARCASS

LARGE FISH

DATE	PICOGRUPES OF			SC #6			PER GRAM			PICOGRUPES OF			CO #0			PER GRAM		
	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E
2-22-66	2	.5	.0	2	2.3	.0	2	16.6	3.4	2	1.0	.0	2	4.2	.0	2	29.6	.7
3-15-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.6	.0	2	2.7	1.5	2	19.2	10.9
4-5-66	1	25.1	.0	1	110.4	.0	1	700.5	.0	1	1.4	.0	1	6.3	.0	1	44.6	.0
4-26-66	2	.1	.0	2	.4	.0	2	3.4	1.3	2	.5	.0	2	2.0	1.6	2	20.0	13.3
5-17-66	6	.2	.0	6	.9	.0	6	4.4	2.0	6	.8	.0	6	3.9	1.2	6	21.7	5.9
6-7-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.6	.0	3	2.1	.9	3	21.7	13.1
6-28-66	5	.0	.0	5	.0	.0	5	.0	.0	5	.7	.0	5	3.0	.6	5	21.9	3.7
7-19-66	5	.0	.0	5	.0	.0	5	.0	.0	5	.4	.0	5	1.6	.5	5	12.7	3.8
8-10-66	2	.1	.0	2	.3	.0	2	6.1	6.1	2	.3	.0	2	1.1	.0	2	13.6	6.0
1-4-67	2	.5	.0	2	2.7	.0	2	12.6	12.6	2	.0	.0	2	.0	.0	2	.0	.0
7-14-67	5	.1	.0	5	.4	.0	5	2.4	1.1	5	.6	.0	5	2.5	1.5	5	16.3	6.2
8-29-67	5	.0	.0	5	.0	.0	5	.0	.0	5	.4	.0	5	2.0	.8	5	13.7	5.7
9-26-67	1	.2	.0	1	.7	.0	1	8.0	.0	1	.2	.0	1	.7	.0	1	7.3	.0

ACIPENSER TRANSMONTANUS

CARCASS

LARGE FISH

DATE	PICOGRAPHS OF CR 51									PICOGRAPHS OF MN 54								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-22-66	2	19.4	2.5	2	85.1	11.0	2	601.9	77.8	2	.8	.0	2	3.6	.0	2	25.3	3.4
3-15-66	2	20.6	4.2	2	90.6	18.4	2	640.3	130.0	2	.3	.0	2	1.2	1.2	2	8.8	8.8
4- 5-66	1	39.6	.0	1	174.1	.0	1	1231.3	.0	1	.8	.0	1	3.6	.0	1	25.4	.0
4-26-66	2	14.3	2.7	2	67.5	7.1	2	500.8	26.6	2	.4	.0	2	1.9	.0	2	14.5	1.8
5-17-66	6	32.1	12.4	6	155.6	58.5	6	819.1	282.3	6	.9	.0	6	4.5	1.1	6	24.0	6.0
6- 7-66	3	20.8	7.4	3	93.9	39.2	3	691.7	165.8	3	.6	.0	3	2.3	.0	3	20.5	6.6
6-28-66	5	24.6	5.6	5	104.3	23.4	5	773.2	170.2	5	.6	.0	5	2.5	.6	5	19.2	4.7
7-19-66	5	51.7	9.5	5	228.6	48.5	5	1563.8	350.6	5	.3	.0	5	1.2	.0	5	7.9	2.4
8-10-66	2	7.9	3.8	2	33.4	18.5	2	323.9	41.0	2	.3	.0	2	1.1	.0	2	11.4	1.2

1- 4-67	2	36.0	21.3	2	198.8	120.9	2	986.8	490.6	2	.2	.0	2	1.3	1.3	2	8.2	8.2
7-14-67	5	33.1	8.0	5	137.0	37.4	5	1117.0	281.1	5	.2	.0	5	1.0	.0	5	6.7	2.3
8-29-67	5	56.5	5.2	5	264.4	32.9	5	1833.1	251.8	5	.2	.0	5	.7	.0	5	4.9	2.7
9-26-67	1	36.2	.0	1	125.7	.0	1	1375.6	.0	1	.3	.0	1	.9	.0	1	10.3	.0

[illegible]

ACIPENSER TRANSMONTANUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF CR 51 PER GRAM									PICOCURIES OF MN 54 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-19-66	1	25572.8	.0	0	.0	.0	0	.0	.0	1	690.9	.0	0	.0	.0	0	.0	.0
4-26-66	1	814.7	.0	0	.0	.0	0	.0	.0	1	95.2	.0	0	.0	.0	0	.0	.0
5-17-66	6	757.3	143.2	0	.0	.0	0	.0	.0	6	110.0	56.5	0	.0	.0	0	.0	.0
6-7-66	2	380.3	178.0	2	627.0	325.4	2	745.4	428.4	2	25.3	6.0	2	41.0	12.3	2	48.0	17.8
6-28-66	2	358.0	30.4	2	869.8	1.9	2	1093.9	44.8	2	70.5	13.0	2	175.3	46.8	2	222.7	67.4
7-12-66	4	1170.3	813.3	4	2884.1	2005.5	4	3366.1	2301.9	4	70.3	36.1	4	173.7	89.1	4	204.3	102.1
7-17-66	4	416.2	101.0	3	1138.6	353.3	3	1482.4	445.2	4	58.4	27.5	3	174.1	91.9	3	214.1	114.3
7-27-66	5	138.6	37.4	4	298.5	100.9	4	358.5	117.3	5	36.5	7.0	4	81.2	16.8	4	102.3	17.2
8-4-66	5	95.8	30.9	4	194.4	85.7	4	328.3	202.3	5	25.4	9.8	4	31.4	10.5	4	46.3	19.5
8-10-66	1	96.3	.0	0	.0	.0	0	.0	.0	1	31.8	.0	0	.0	.0	0	.0	.0
6-17-66	3	113.8	67.8	1	505.5	.0	1	581.6	.0	3	52.2	4.6	1	113.0	.0	1	130.7	.0
1-4-67	1	1128.0	.0	0	.0	.0	0	.0	.0	1	42.8	.0	0	.0	.0	0	.0	.0
7-14-67	3	313.5	196.8	3	1168.5	553.3	3	1981.0	801.6	3	22.7	12.6	3	78.0	36.2	3	124.0	45.6

ACIPENSER TRANSMUTANUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZINCS PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
4-19-66	1	1662.1	.0	0	.0	.0	0	.0	.0	1	3226.2	.0	0	.0	.0	0	.0	.0		
4-26-66	1	108.8	.0	0	.0	.0	0	.0	.0	1	887.8	.0	0	.0	.0	0	.0	.0		
5-17-66	6	131.0	30.6	0	.0	.0	0	.0	.0	6	624.1	110.2	0	.0	.0	0	.0	.0		
6-7-66	2	50.0	13.0	2	94.0	27.0	2	109.8	39.3	2	406.6	91.5	2	659.7	190.0	2	770.5	276.8		
6-28-66	2	31.0	30.0	2	67.1	67.1	2	81.1	81.1	2	489.3	4.5	2	1190.8	93.1	2	1589.0	175.5		
7-12-66	4	130.9	76.1	4	357.4	187.7	4	395.8	214.6	4	537.2	100.9	4	1328.2	257.1	4	1583.3	299.0		
7-19-66	4	100.7	35.2	3	267.3	125.9	3	328.4	156.7	4	450.2	44.2	3	1247.4	81.1	3	1531.6	137.3		
7-27-66	5	60.2	14.9	4	150.9	37.8	4	186.8	41.1	5	433.6	60.6	4	980.4	109.4	4	1257.2	58.7		
8-4-66	5	44.0	10.0	4	85.0	12.8	4	157.1	35.7	5	308.3	76.0	4	589.5	166.3	4	1050.1	386.7		
8-10-66	1	38.7	.0	0	.0	.0	0	.0	.0	1	238.9	.0	0	.0	.0	0	.0	.0		
9-17-66	3	99.1	10.7	1	177.3	.0	1	203.6	.0	3	292.7	9.5	1	607.2	.0	1	698.7	.0		
1-4-67	1	124.2	.0	0	.0	.0	0	.0	.0	1	461.0	.0	0	.0	.0	0	.0	.0		
7-14-67	3	37.6	22.8	3	126.2	59.1	3	207.7	57.4	3	380.9	242.6	3	1255.1	659.9	3	1973.6	712.5		

ALIPENSER TRANSMONTANUS

GUT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF ZR-HB 95 PER GRAM									PICOGRAPHS OF HA-LA 140 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

4-19-66	1	385.3	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	1	40.0	.0	0	.0	.0	0	.0	.0	1	69.5	.0	0	.0	.0	0	.0	.0
5-17-66	6	40.6	19.6	0	.0	.0	0	.0	.0	6	87.4	22.9	0	.0	.0	0	.0	.0
6-7-66	2	6.7	6.7	2	10.5	10.0	2	10.5	10.5	2	46.1	12.1	2	75.0	24.3	2	87.8	34.5
6-28-66	2	0.2	8.2	2	18.4	18.4	2	22.2	22.2	2	20.9	20.9	2	46.6	46.6	2	56.3	56.3
7-12-66	4	20.3	21.7	4	68.6	57.2	4	85.3	73.0	4	54.8	27.7	4	134.8	68.3	4	157.8	78.0
7-19-66	4	8.3	4.8	3	27.4	13.7	3	33.4	16.8	4	40.9	7.7	3	110.7	27.1	3	143.0	33.9
7-27-66	5	12.9	3.3	4	27.4	9.2	4	32.4	11.0	5	42.3	12.8	4	93.4	34.1	4	110.7	41.5
8-4-66	5	12.5	6.4	4	13.9	8.1	4	22.1	13.3	5	27.2	7.0	4	46.6	15.5	4	68.2	27.9
8-10-66	1	11.8	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
8-17-66	3	16.5	11.5	1	45.1	.0	1	51.9	.0	3	54.0	2.6	1	105.0	.0	1	121.5	.0
9-4-67	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-14-67	3	.3	.0	3	1.0	1.9	3	9.6	9.6	0	.0	.0	0	.0	.0	0	.0	.0

ONCORHYNCHUS TSHAWYTSCHIA

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF			CS 137			PER GRAM			PICOCURIES OF			CE-PR 144			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

5-30-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-20-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
9-10-66	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0
5-31-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
7-12-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
5- 3-67	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

ONCORHYNCHUS TSHAWYTSCHA ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF SC #6				PER GRAM ASH				WET WEIGHT				PICOCURIES OF CO #0				PER GRAM ASH			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N		
3-30-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	.0	.0	1	.0	.0	.0		
4-20-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	.0	.0	3	.0	.0	.0		
5-10-66	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	.0	.0	5	.0	.0	.0		
5-31-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	.0	.0	2	.0	.0	.0		
4-12-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	.0	.0	2	.0	.0	.0		
5-3-67	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	.0	.0	1	.0	.0	.0		

ONCORHYNCHUS TSHAWYTSCHII

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF CR 51						PER GRAM			PICOCURIES OF MN 54						PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-30-66	1	59.6	.0	1	291.4	.0	1	3736.7	.0	1	.0	.0	1	.0	.0	1	.0	.0
4-20-66	3	36.0	5.5	3	179.1	29.0	3	2256.0	363.0	3	.0	.0	3	.0	.0	3	.0	.0
5-10-66	5	13.5	8.3	5	65.2	40.1	5	752.2	461.1	5	.0	.0	5	.0	.0	5	.0	.0
5-31-66	2	34.6	10.0	2	171.9	47.8	2	1577.1	453.8	2	.0	.0	2	.0	.0	2	.0	.0
4-12-67	2	10.2	1.2	2	83.6	5.3	2	872.0	73.0	2	.0	.0	2	.0	.0	2	.0	.0
5- 3-67	1	14.7	.0	1	78.9	.0	1	773.9	.0	1	.0	.0	1	.0	.0	1	.0	.0

ONCORHYNCHUS TSHAWYTSCHA

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF WET WEIGHT				PC 59 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				ZN 65 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
3-30-66	1	14.5	.0		1	70.8	.0		1	907.5	.0		1	33.8	.0		1	165.3	.0		1	2119.1	.0	
4-20-66	3	22.6	5.6		3	111.8	31.1		3	1414.0	405.0		3	78.0	24.2		3	389.0	130.5		3	4894.0	1606.0	
5-10-66	5	26.5	5.8		5	129.4	38.2		5	1615.7	333.7		5	68.6	25.6		5	336.6	128.4		5	3881.8	1329.5	
5-31-66	2	21.2	7.3		2	105.4	35.5		2	967.8	334.5		2	46.8	19.3		2	232.4	94.0		2	2134.7	882.2	
4-12-67	2	7.5	.8		2	38.5	3.4		2	482.0	43.9		2	18.3	6.4		2	94.1	31.8		2	987.0	350.9	
5-3-67	1	10.2	.0		1	54.8	.0		1	538.1	.0		1	31.6	.0		1	169.4	.0		1	1661.6	.0	

ONCORHYNCHUS TSHAWYTSCHA ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOQUIES OF NP 239				PER GRAM ASH				NET WEIGHT				PICOQUIES OF DRY WEIGHT				PER GRAM ASH				PICOQUIES OF DRY WEIGHT				PER GRAM ASH								
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N		
3-30-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
4-20-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
5-10-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0
5-31-66	9	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
4-12-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
5- 3-67	1	6.2	.0	1	33.5	.0	1	326.2	.0	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

ONCORHYNCHUS TSHAWYTSCHA ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF ZR-MB 95			PER GRAM			PICOGRAPHS OF BA-LA 140			PER GRAM		
	WET WEIGHT	DRY WEIGHT	ASH	WET WEIGHT	DRY WEIGHT	ASH	WET WEIGHT	DRY WEIGHT	ASH	WET WEIGHT	DRY WEIGHT	ASH
	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE
3-30-66	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
4-20-66	3	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0
5-10-66	5	.0	.0	5	.0	.0	5	10.1	16.1	5	206.2	206.2
5-31-66	2	.0	.0	2	.0	.0	2	12.7	8.6	2	581.7	89.9
4-12-67	2	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0
5-3-67	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0

OACORHYNCHUS TSHAWYTSCHIA														ENTIRE VISCUS GUT CONTENT SMALL FISH													
DATE	PICOCURIES OF				PER GRAM				PER GRAM				PICOCURIES OF				PER GRAM										
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT												
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N								
3-30-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
4-20-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
5-10-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
5-11-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0								
4-12-67	2	0	0	2	0	0	2	0	0	2	0	0	2	14.7	1.7	2	70.0	0	2								
5-3-67	1	12.5	0	1	67.2	0	1	659.2	0	1	8.1	0	1	43.7	0	1	429.0	0	1								

ONCORHYNCHUS TSHAWYTSCHA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137				PER GRAM ASH WEIGHT				PICOCURIES OF CE-PR 144				PER GRAM ASH WEIGHT					
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-12-66	2	.0	.0	2	.1	.0	2	2.1	.0	2	.0	.0	2	.0	.0	2	.0	.0

ONCORHYNCHUS TSHAWYTSCHIA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRIPS OF SC 46										PICOGRIPS OF CO 60																			
	WET WEIGHT					DRY WEIGHT					PER GRAM ASH WEIGHT					WET WEIGHT					DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E						

7-12-66	2	.3	.0	2	.3	.0	2	.3	.0	2	.3	.0	2	.3	.0	2	.3	.0	2	.3	.0	2	.3	.0						

ONCORHYNCHUS TSHAWYTSCHA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CR S1				PER GRAM				PICOCURIES OF MN S4				PER GRAM					
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT				WET WEIGHT		DRY WEIGHT		ASH WEIGHT					
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
7-12-66	2	1.1	.0	2	3.4	.0	2	55.0	13.1	2	.1	.0	2	.3	.0	2	4.9	1.3

ONCORHYNCHUS TSHAWYTSCHA ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF WET WEIGHT				PER GRAM ASH WEIGHT				FE 59 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOGRAPHS OF WET WEIGHT				Zn 65 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
7-12-66	2	.1	.0	2	.2	.0	2	3.3	.2	3.3	3.3	2	.1	.0	2	.2	.0	2	3.1	3.1	3.1	2	.2	.0	2	3.1	3.1	3.1

ONCORHYNCHUS TSHAWYTSCHA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

7-12-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

ONCORHYNCHUS TSHARKYTSCHA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-NB 95				PER GRAM				PICOCURIES OF BA-LA 140				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT				WET WEIGHT		DRY WEIGHT		ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	
7-12-66	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	

ONCORHYNCHUS TSHAWYTSCHA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICO CURIES OF WET WEIGHT					BA 140 PER GRAM ASH WEIGHT					PICO CURIES OF WET WEIGHT					LA 140 PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
7-12-66	0	.0	.0	0	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0		

ONCORHYNCHUS TSHAWYTSCHIA

MUSCLE

LARGE FISH

DATE	PICOCURIES OF CG 137									PICOCURIES OF CG-PR 144								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****																	
u- 7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-12-66	2	.1	.0	2	.3	.0	2	6.3	1.2	2	.0	.0	2	.0	.0	2	.0	.0

ONCORHYNCHUS TSHAWYTSCHA				MUSCLE				LARGE FISH				PICO CURIES OF				CO 60				PER GRAM			
				SC 46				PER GRAM				PICO CURIES OF				CO 60				PER GRAM			
				DRY WEIGHT				ASH WEIGHT				WET WEIGHT				DRY WEIGHT				ASH WEIGHT			
				N				N				N				N				N			
				MEAN				MEAN				MEAN				MEAN				MEAN			
				S E				S E				S E				S E				S E			
DATE				*****				*****				*****				*****				*****			
6-7-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0
10-12-66	2	.0	.0	.0	2	.0	.0	.0	2	.0	.0	.0	2	.0	.0	.0	2	.0	.0	.0	2	.0	.0

ONCORYNCHUS TSHAUTSCHA

MUSCLE

LARGE FISH

DATE	PICOCURIES OF CR 51						PER GRAM			PICOCURIES OF MN 54						PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

6-7-66	1	.3	.0	1	.3	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-12-66	2	.7	.3	2	2.7	.0	2	64.2	3.1	2	.0	.0	2	.0	.0	2	.0	.0

ONCORHYNCHUS TSHANYTSCHA				MUSCLE				LARGE FISH				PICO CURIES OF				Zn 65				PER GRAM			
				FE 59				ASH WEIGHT				WET WEIGHT				DRY WEIGHT				ASH WEIGHT			
				DRY WEIGHT				SE N				SE N				SE N				SE N			
DATE				MEAN				MEAN				MEAN				MEAN				MEAN			
				N				N				N				N				N			
6-7-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0
10-12-66	2	.2	.0	.0	2	.0	.0	.0	2	.0	.0	.3	.0	.0	.0	1.2	1.2	.0	.0	22.9	22.9	.0	.0

ONCORYNCINUS TSHAWYTSCHII

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF NP 239									PICOGRAPHS OF RU-81106								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
6-7-66	3	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
11-12-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

ONCORHYNCHUS TSHAWYTSCHA

MUSCLE

LARGE FISH

DATE	PICOCURIES OF ZR-NB 95						PICOCURIES OF BA-LA 140						PER GRAM					
	NET WEIGHT			DRY WEIGHT			NET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E N	MEAN	S E N	MEAN	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E			
6-7-66	1	.0	.0 1	.0	.0 1	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0			
10-12-66	2	.0	.0 2	.0	.0 2	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0			

ONCORHYNCHUS TSHAWYTSCHII

MUSCLE

LARGE FISH

DATE	PICOCURIES OF BA 140 PER GRAM									PICOCURIES OF LA 140 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****																	
6-7-66	3	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

UNCORRHYNCHUS TSHAWYTSCHIA

CARCASS

LARGE FISH

DATE	PICOCURIES OF					PICOCURIES OF					PICOCURIES OF					PICOCURIES OF				
	WET WEIGHT		DRY WEIGHT		PER GRAM		WET WEIGHT		DRY WEIGHT		PER GRAM		WET WEIGHT		DRY WEIGHT		PER GRAM		WET WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN
6-7-66	1	.9	.0	1	.1	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0
1-12-66	2	.9	.0	2	.1	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0

ONCORHYNCHUS TSHAWYTSCHA

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			CR 51 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			MN 54 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
6-7-66	1	6.0	.0	1	17.9	.0	1	93.4	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-12-66	2	6.5	1.7	2	21.5	5.7	2	176.1	110.1	2	.1	.0	2	.2	.0	2	.8	.8

ONCERHYNCHUS TSHAWYTSCHIA

CARCASS

LARGE FISH

DATE	N	PICOCURIES OF			FE 59			PER GRAM			PICOCURIES OF			ZN 65			PER GRAM		
		WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
6-7-66	1	.8	.0	1	.5	.0	1	.0	.0	1	1.4	.0	1	4.5	.0	1	22.6	.0	
10-12-66	2	.2	.0	2	.7	.7	2	7.7	7.7	2	3.4	1.3	2	11.5	4.1	2	70.1	5.3	

ONCORHYNCHUS TSHANKYTSCHA

CARCASS

LARGE FISH

DATE	PICOCURIES OF ZR-11A 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
6-7-60	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-12-66	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

ONCORHYNCHUS TSHAWYTSCHA

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				BA 140 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				LA 140 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
0-7-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
17-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

UNICORHYTHMUS NERKA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137						PER GRAM						PICOCURIES OF CL-PH 144						PER GRAM							
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
8-4-66	1	.9	.2	1	.1	.0	1	2.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0		

ONCORHYNCHUS NERKA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			SC 46 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			CO 60 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
8- 4-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

ONCORNHYNCHUS NERKA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	N	PICOCURIES OF			CR 51			PER GRAM			PICOCURIES OF			MN 54			PER GRAM		
		WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N

8- 4-66	1	.7	.0	1	.5	.0	1	.0	.0	1	.1	.0	1	.2	.0	1	3.2	.0	

ONCORHYNCHUS NERKA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				FE 59 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				ZN 65 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE			
8-4-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0			

ONCORYNCHUS NERKA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	H	PICOCURIES OF			NP 239			PER GRAM			PICOCURIES OF			RU-RH 100			PER GRAM		
		WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N

0- 4-66	2	.3	.0	6	.1	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	0

ONCORHYNCHUS, NERKA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-NB 95					PER GRAM					PICOCURIES OF RA-LA 140					PER GRAM				
	WET WEIGHT			DRY WEIGHT		ASH WEIGHT			WET WEIGHT			DRY WEIGHT		ASH WEIGHT						
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
8-4-66	1	.0	.0	1	.2	.0	1	2.1	.0	0	.0	.0	4	.0	.0	0	.0	.0		

UNCORRECTED DATA

ENTIRE MINUS CUT CONTENT LARGE FISH

DATE	PICOCURIES OF DA 140 PER GRAM									PICOCURIES OF DA 140 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

5-4-66	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

SALMO GARDNERI

MUSCLE

LARGE FISH

DATE	PICOCURIES OF CS 137			PER GRAM ASH WEIGHT			PICOCURIES OF CE-PR 144			PER GRAM ASH WEIGHT		
	WET WEIGHT	DRY WEIGHT	PER GRAM ASH WEIGHT	WET WEIGHT	DRY WEIGHT	PER GRAM ASH WEIGHT	WET WEIGHT	DRY WEIGHT	PER GRAM ASH WEIGHT	WET WEIGHT	DRY WEIGHT	PER GRAM ASH WEIGHT
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
1-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

SALMO GAIHDMERI

MUSCLE

LARGE FISH

DATE	PICOCURIES OF						SC #6	PER GRAM						CO DO	PER GRAM					
	WET WEIGHT			DRY WEIGHT				ASH WEIGHT			WET WEIGHT				DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
5-17-65	1	.2	.0	1	.1	.0	1	.0	.0	1	.6	.0	1	3.1	.0	1	51.2	.0		

SALMO GAIRODIERI

MUSCLE

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			CR 51 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			MN 54 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
5-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

SALMO GARDNERI

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOGRAPHS OF WET WEIGHT			ZINC DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
1-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	74.2	.0	1	597.1	.0	1	6560.4	.0

SALMO GAIRDNERI

MUSCLE

LARGE FISH

DATE	PICOCURIES OF NO 239				PER GRAM ASH WEIGHT				PICOCURIES OF RU-RH 106				PER GRAM ASH WEIGHT					
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

SALMO GAI DIERI

MUSCLE

LARGE FISH

DATE	PICOCURIES OF ZR-NU 95									PICOCURIES OF SA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E
0-17-66	1	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

SALMO GAIARDNERI

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF				BA 140				PER GRAM				PICOGRAPHS OF				LA 140				PER GRAM			
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N		
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		

SALMO GAD: OHLER

CARCASS

LARGE FISH

DATE	PICOGRAPHS OF CI, 137									PICOGRAPHS OF CE-PH 144								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
5-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

SALMO GAIKONERI

CARCASS

LARGE FISH

DATE	PICO CURIES OF WET WEIGHT				SC 46 DRY WEIGHT				PER GRAM ASH WEIGHT				PICO CURIES OF WET WEIGHT				CO 60 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
5-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	3.1	.0	1	14.1	.0	1	91.4	.0						

SALMO GAI-DNERI

CARCASS

LARGE FISH

DATE	PICOCURIES OF CR 51					PER GRAM					PICOCURIES OF MH 54					PER GRAM				
	WET WEIGHT		DRY WEIGHT			ASH WEIGHT					WET WEIGHT		DRY WEIGHT			ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
5-17-66	1	.2	.0	1	.0	.0	1	.0	.0	1	4.2	.0	1	19.3	.0	1	125.0	.0		

SALMO GAIRONERI

CARCASS

LARGE FISH

DATE	PICOGRAPHS OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOGRAPHS OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N			
5-17-66	1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0 1	606.7	.0 1	2777.6	.0 1	18024.7	.0			

SALMO GAIFFIERI
 CARCASS
 LARGE FISH
 PICOGRAPHS OF
 WET WEIGHT DRY WEIGHT WET WEIGHT DRY WEIGHT PER GRAM ASH PER GRAM ASH
 DATE N MEAN S E N MEAN S E N MEAN S E N MEAN S E N MEAN S E

 5-17-66 0 .0 .0 0 .0 .0 0 .0 .0 0 .0 .0 0 .0 .0 0 .0 .0

SALMO GAI'U'IERI

	PICOQUIES OF				CARCASS				LARGE FISH				PICOQUIES OF				LA 140				PER GRAM			
	WET	WET	WET	WET	LA 140	WET	WET	WET	WET	LA 140	WET	WET	WET	WET	LA 140	WET	WET	WET	WET	LA 140	WET	WET	WET	WET
DATE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
17-00	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

SALMO GAIKNERI

GUT CONTENT

LARGE FISH

DATE	PICOGRUES OF				CS 137				PER GRAM				PICOGRUES OF				CE-PR 144				PER GRAM			
	WET WEIGHT		DRY WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
5-17-66	1	14.8	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

GALLO GARDNERI

GUT CONTENT

LARGE FISH

DATE	PICOGRIPS OF				SC %6				PER GRAM				PICOGRIPS OF				CO 60				PER GRAM			
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
5-17-60	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

SALMO GAIRONERI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				CR 51 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				MN 54 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
5-17-66	1	164.2	.0	0	.0	.0	0	.0	.0	1	16.3	.0	0	.0	.0	0	.0	.0	0	.0	.0			

SALMO GAIPIAERI										GHT CONTENT					LARGE FISH																
PICOQUIES OF					FE 59					PER GRAM					PICOQUIES OF					2H 55					PER GRAM						
WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT				
N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

DATE	*****																														
1-17-66	1	80.7	.0	0	.7	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0	.0	0

SALMO BAIRODNERI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF NP 239				PER GRAM ASH WEIGHT				PICOCURIES OF RU-RH 106				PER GRAM ASH WEIGHT				
	NET WEIGHT		DRY WEIGHT		MEAN		SE		NET WEIGHT		DRY WEIGHT		MEAN		SE		
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0

SALMO GAI DNERI

GUT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF ZH-NO 95				PER GRAM				PICOGRAPHS OF BA-LA 140				PER GRAM					
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
5-17-66	1	.0	.0	0	.0	.0	0	.0	.0	1	71.6	.0	0	.0	.0	0	.0	.0

SALMO GAIARDNERI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				LA 140 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				LA 140 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0			

PROSOPIUM WILLIAMSONI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF CS 137					PICOGRAPHS OF CL-PH 144					PER GRAM					S L
	WET WEIGHT	DRY WEIGHT	PER GRAM	ASH WEIGHT		WET WEIGHT	DRY WEIGHT	PER GRAM	ASH WEIGHT		WET WEIGHT	DRY WEIGHT	PER GRAM	ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
1-27-66	1	.0	.0	1	.5	.0	1	.0	.0	1	.0	.0	1	.0	.0	1

ENTIRE MINUS GUT CONTENT LARGE FISH

B-191

PROSOPION WILLIAMSONI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	MICROCURIES OF WET WEIGHT			OR 51 DRY WEIGHT			PER GRAM ASH WEIGHT			MICROCURIES OF WET WEIGHT			MIN 54 DRY WEIGHT			PER GRAM ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	
7-27-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	1	.5	.0	1	1.0	.0	1	21.6	.0

PROSOPHUM WILLIAMSONI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF			FE 59			PER GRAM			PICOCURIES OF			ZN 65			PER GRAM		
	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT			
N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	
7-27-66	1	.0	.0	1	.0	.0	1	.0	.0	1	76.9	.0	1	204.7	.0	1	3192.1	.0

PROSOFIUM WILLIAMSONI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF NP 239						PICOCURIES OF RU-RH 100						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-27-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

B-194

PROSOPIMUM WILLIAMSONI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-NB 95						PER GRAM						PICOCURIES OF BA-LA 140						PER GRAM					
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT								
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E						
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****						
7-27-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0						

PROSOPION WILLIAMSONI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF			BALD			PER GRAM			PICOCURIES OF			BALD			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

7-27-66		.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

PROSOPITUM WILLIAMSONI														MUSCLE														LARGE FISH													
DATE		PICOCURIES OF					CS 137					PER GRAM					WET WEIGHT					PICOCURIES OF					CE-PR 144					PER GRAM									
		WET WEIGHT		DRY WEIGHT			WET WEIGHT		ASH WEIGHT			WET WEIGHT		MEAN			S E		N			WET WEIGHT		MEAN			S E		N			WET WEIGHT		MEAN			S E		N		
DATE		N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N			
4-5-66		1	1.1	.0	1	4.9	.0	1	97.5	.0	1	97.5	.0	1	5	62.6	13.9	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6
5-17-66		5	.8	.0	5	3.1	.7	5	62.6	.0	5	62.6	.0	5	1	85.4	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6	.0	1	5	62.6	
12-12-66		1	1.0	.0	1	3.7	.0	1	85.4	.0	1	85.4	.0	1	1	85.4	.0	1	1	85.4	.0	1	1	85.4	.0	1	1	85.4	.0	1	1	85.4	.0	1	1	85.4	.0	1	1	85.4	
11-2-66		1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-14-66		1	.7	.0	1	3.0	.0	1	60.8	.0	1	60.8	.0	1	1	60.8	.0	1	1	60.8	.0	1	1	60.8	.0	1	1	60.8	.0	1	1	60.8	.0	1	1	60.8	.0	1	1	60.8	
1-4-67		1	2.2	.0	1	9.7	.0	1	194.6	.0	1	194.6	.0	1	1	194.6	.0	1	1	194.6	.0	1	1	194.6	.0	1	1	194.6	.0	1	1	194.6	.0	1	1	194.6	.0	1	1	194.6	
7-14-67		2	.8	.0	2	4.8	.0	2	87.7	10.0	2	87.7	10.0	2	2	87.7	10.0	2	2	87.7	10.0	2	2	87.7	10.0	2	2	87.7	10.0	2	2	87.7	10.0	2	2	87.7	10.0	2	2	87.7	

PROSPOTUM WILLIAMSONI										MUSCLE										LARGE FISH															
DATE	PICOCURIES OF					CK 51					PER GRAM					WET WEIGHT					PICOCURIES OF					MM 54					PER GRAM				
	WET WEIGHT					DRY WEIGHT					ASH					MEAN					WET WEIGHT					DRY WEIGHT					ASH				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N						
4-5-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	1.1	.0	.0	1	4.7	.0	.0	1	93.2	.0	.0	1	49.2	12.6	.0	.0	1					
5-17-66	5	.0	.0	.0	5	.0	.0	.0	5	.0	.0	.0	5	.6	.0	.0	5	2.4	.0	.0	5	49.2	12.6	.0	5	32.4	.0	.0	5						
10-12-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.4	.0	.0	1	1.4	.0	.0	1	32.4	.0	.0	1	29.6	.0	.0	1						
11-2-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.4	.0	.0	1	1.5	.0	.0	1	49.7	.0	.0	1	49.7	.0	.0	1						
12-14-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.6	.0	.0	1	2.5	.0	.0	1	49.7	.0	.0	1	49.7	.0	.0	1						
1-4-67	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1						
7-14-67	2	.0	.0	.0	2	.0	.0	.0	2	.0	.0	.0	2	.3	.0	.0	2	1.4	1.4	.0	2	31.3	31.3	.0	2	31.3	31.3	.0	2						

PROBATION WILLIAMSONI																					
MUSCLE																					
LARGE FISH																					
DATE	PICOGRAPHS OF ZEPH 95					PER GRAM					PICOGRAPHS OF HA-LA 144										
	WLT	WEIGHT	S	E	N	MEAN	S	E	N	ASH	WLT	WEIGHT	S	E	N	MEAN	S	E	N	ASH	WEIGHT

4-5-66	1	.0	.0	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-17-66	5	.0	.0	.0	.0	5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-12-66	1	.0	.0	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-2-66	1	.0	.0	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12-14-66	1	.5	.0	.0	.0	1	40.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-4-67	1	.0	.0	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-14-67	2	.0	.0	.0	.0	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

PROSOPHUM WILLIAMSONI										CARCASS										LARGE FISH										
DATE	PICOCURIES OF					SC #6					PER GRAM					PICOCURIES OF					CO #0					PER GRAM				
	WET WEIGHT					DRY WEIGHT					ASH					WET WEIGHT					DRY WEIGHT					ASH				
	N	MEAN	S	E	N	N	MEAN	S	E	N	N	MEAN	S	E	N	N	MEAN	S	E	N	N	MEAN	S	E	N	N	MEAN	S	E	N
4-5-66	1	.2	.0	.0	1	.7	.0	.0	1	5.1	.0	1	3.8	.0	1	11.7	.0	1	61.5	.0	1	11.7	.0	1	61.5	.0	1	11.7	.0	1
5-17-66	5	.0	.0	.0	5	.0	.0	.0	5	.0	.0	5	2.6	.0	5	7.9	.0	5	55.8	.0	5	7.9	.0	5	55.8	.0	5	7.9	.0	5
10-12-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	1	4.3	.0	1	13.9	.0	1	110.7	.0	1	13.9	.0	1	110.7	.0	1	13.9	.0	1
11-2-66	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	1	.6	.0	1	1.6	.0	1	11.2	.0	1	1.6	.0	1	11.2	.0	1	1.6	.0	1
10-14-66	1	.2	.0	.0	1	.6	.0	.0	1	6.3	.0	1	4.5	.0	1	13.6	.0	1	158.2	.0	1	13.6	.0	1	158.2	.0	1	13.6	.0	1
1-4-67	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
7-14-67	2	.3	.0	.0	2	1.0	1.0	2	5.9	5.9	2	4.3	.0	2	17.4	.0	2	77.3	.0	2	17.4	.0	2	77.3	.0	2	17.4	.0	2	

PHOSPHORUM WILLIAMSONI

CARCASS

LARGE FISH

DATE	PILOCURIES OF CARCASS				PILOCURIES OF LARGE FISH			
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN
4-5-66	1	17.7	.5	1	54.9	.0	1	380.9
5-17-66	5	9.8	3.7	5	27.8	10.9	5	189.0
10-12-66	1	16.8	.0	1	53.7	.0	1	423.6
11-2-66	1	7.5	.0	1	21.7	.0	1	132.2
12-14-66	1	5.9	.0	1	17.8	.0	1	178.5
1-4-67	1	28.9	.0	1	89.6	.0	1	622.4
7-14-67	2	15.2	.3	2	33.7	.8	2	149.3

PROSOPHUM WILLIAMSONI

CARCASS

LARGE FISH

DATE	PICOCURIES OF						FE 59			PER GRAM			PICOCURIES OF						ZN 65			PER GRAM					
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			
4-5-66	1	3.4	.0	1	10.7	.0	1	74.2	.0	1	106.1	.0	1	329.0	.0	1	2284.1	.0	1	2284.1	.0	1	2284.1	.0			
5-17-66	5	.1	.0	5	.4	.0	5	3.5	3.5	5	156.1	40.4	5	426.4	106.5	5	3016.1	771.3	5	3016.1	771.3	5	3016.1	771.3			
10-12-66	1	12.5	.0	1	40.3	.0	1	323.4	.0	1	141.0	.0	1	435.2	.0	1	3639.3	.0	1	3639.3	.0	1	3639.3	.0			
11-2-66	1	.0	.0	1	.0	.0	1	.0	.0	1	127.7	.0	1	380.7	.0	1	2319.3	.0	1	2319.3	.0	1	2319.3	.0			
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	125.1	.0	1	381.0	.0	1	3811.3	.0	1	3811.3	.0	1	3811.3	.0			
1-4-67	1	13.4	.0	1	41.6	.0	1	289.1	.0	1	202.9	.0	1	677.2	.0	1	6090.3	.0	1	6090.3	.0	1	6090.3	.0			
7-14-67	2	8.6	1.0	2	35.9	5.4	2	150.1	22.1	2	53.3	8.4	2	213.3	25.7	2	993.3	398.6	2	993.3	398.6	2	993.3	398.6			

PROSOPIUM WILLIAMSONI										CARCASS										LARGE FISH																													
PICOURIES OF										NP 239										PER GRAM																													
WET WEIGHT					DRY WEIGHT					MEAN					SE					N					ASH					PER GRAM																			
H					MEAN					SE					N					MEAN					SE					N					MEAN					SE									
DATE					H					MEAN					SE					N					MEAN					SE					N					MEAN					SE				
4-5-66					0					0					0					0					0					0					0					0					0				
5-17-66					0					0					0					0					0					0					0					0					0				
12-12-66					0					0					0					0					0					0					0					0					0				
11-2-66					0					0					0					0					0					0					0					0					0				
12-14-66					1					0					1					0					1					0					1					0					1				
1-4-67					1					0					1					0					1					0					1					0					1				
7-14-67					2					0					2					0					2					0					2					0					2				

PROSOPHUM WILLIAMSONI

GIT CONTENT

LARGE FISH

DATE	PICOCURIES OF NET WEIGHT					CS 137 PER GRAM ASH WEIGHT					PICOCURIES OF NET WEIGHT					CS-PR 144 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
4- 5-66	1	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0
5-17-66	3	31.4	19.3	0	.7	.0	0	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0

PHOSOPHUM WILLIAMSONI

GUT CONTENT

LARGE FISH

DATE	N	PICOGRAPHS OF WET WEIGHT			50-16 DRY WEIGHT			PER GRAM ASH WEIGHT			N	PICOGRAPHS OF WET WEIGHT			50-16 DRY WEIGHT			PER GRAM ASH WEIGHT		
		MEAN	S E	H	MEAN	S E	H	MEAN	S E	H		MEAN	S E	H	MEAN	S E	H	MEAN	S E	H
5-5-66	1	269.3	.7	0	.0	.0	0	.0	.0	0	1	27.6	.0	0	.0	.0	0	.0	.0	0
5-17-66	2	39.4	22.8	0	.	.0	0	.0	.0	0	2	.0	.0	0	.0	.0	0	.0	.0	0

PROSOPHUM WILLIAMSONI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF CR 51				PER GRAM				PICOCURIES OF MN 54				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
4-5-66	1	2103.7	.0	0	.0	.0	0	.0	.0	1	123.2	.0	0	.0	.0	0
5-17-66	3	425.2	42.3	0	.0	.0	0	.0	.0	3	129.9	15.2	0	.0	.0	0

PROSOPHUM WILLIAMSONI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FE 50 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			Zn 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-5-66	1	177.0	.0	0	.0	.0	0	.0	.0	1	1420.3	.0	0	.0	.0	0	.0	.0
5-17-66	3	218.3	58.6	0	.0	.0	0	.0	.0	3	1313.3	92.7	0	.0	.0	0	.0	.0

PROSOPION WILLIAMSONI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF NP 239				PER GRAM ASH WEIGHT				PICOCURIES OF RU-RH 106				PER GRAM ASH WEIGHT			
	WET WEIGHT	DRY WEIGHT	MEAN	S E N	WET WEIGHT	DRY WEIGHT	MEAN	S E N	WET WEIGHT	DRY WEIGHT	MEAN	S E N	WET WEIGHT	DRY WEIGHT	MEAN	S E
4-5-66	0	.1	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	.0
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	0	.0	.0	.0

PROSOPHUM WILLIAMSONI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF ZN-65					PER GRAM					PICOCURIES OF BA-140					PER GRAM				
	NET WEIGHT		DRY WEIGHT			ASH WEIGHT					NET WEIGHT		DRY WEIGHT			ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

4-5-66	1	142.4	.0	0	.		.0	0	.0	.0	0	.0	.0	0	.0	0	.0	.0	0	.0
5-17-66	3	131.4	32.4	0	.		.0	0	.0	.0	3	196.1	34.1	0	.0	.0	0	.0	.0	0

PROSOPHUM WILLIAMSONI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF									LA 140								
	WET WEIGHT			BA 140			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

CATOSTOMUS COLUMBIANUS

ENTIRE MEATS OUT CONTENT LARGE FISH

DATE	PICOGRIDS OF CS 157									PICOGRIDS OF CF-PP 144								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
8-17-66	3	.0	.0	3	2.1	.0	3	23.2	2.7	3	.0	.0	3	.0	.0	3	.0	.0
8-24-66	3	.6	.0	3	1.5	.0	3	20.9	6.0	3	.0	.0	3	.0	.0	3	.0	.0

CATOSTOMUS COLUMBIANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRUES OF WET WEIGHT			SC 96 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOGRUES OF WET WEIGHT			CO 60 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
8-17-66	3	.1	.0	3	.3	.0	3	3.9	2.3	3	.4	.0	3	1.3	.0	3	16.0	2.0
8-25-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.1	.0	3	.3	.0	3	3.6	1.9

CATOSTOMUS COLUMBIANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CH 51						PER GRAM						PICOCURIES OF CH 54						PER GRAM					
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
8-17-66	3	.0	.9	3	.0	.0	3	.0	.0	3	1.7	.0	3	5.4	1.0	3	01.0	15.2						
8-25-66	3	.0	.0	3	.0	.0	3	.0	.0	3	1.5	.0	3	4.0	1.0	3	54.2	14.0						

CATOSTOMUS COLUMBIANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

8-17-66	3	1.6	1.6	3	5.2	5.2	3	60.7	60.7	3	78.1	14.0	3	245.7	54.3	3	2922.5	530.7		
8-25-66	3	.0	.0	3	.0	.0	3	.0	.0	3	55.8	19.3	3	152.5	52.7	3	2072.8	728.9		

CATYSTEMU, COLUMBIANUS

ENTIRE GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF NP 239				PER GRAM				PICOGRAPHS OF RU-RH 196				PER GRAM			
	NET WT	WT	WT	WT	WT	WT	WT	WT	NET WT	WT	WT	WT	WT	WT	WT	WT
	MEAN	S	L	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	L	N
4-17-66	6	.0	.0	0	.0	.0	0	.0	3	4.3	2.5	3	13.6	8.2	3	175.7
4-18-66	3	.0	.0	0	.0	.0	0	.0	3	1.3	1.3	3	3.7	3.7	3	48.4

CATOSTOMUS COLUMBIANUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E
8-17-66	3	.1	.0 3	.2	.0 3	3.4	3.4 0	.0	.0 0	.0	.0 0	.0	.0 0	.0 0	.0	.0	.0	.0
8-25-66	3	.0	.0 3	.0	.0 3	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0 0	.0	.0	.0	.0

CATOSTOMUS COLUMBIANUS

ENTIRE PLUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					LA 140 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					LA 140 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
8-17-66	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0
8-25-66	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0

CATOSTOMUS COLUMBIANUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF CS 137									PICOCURIES OF CE-PR 144								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	1	2.2	.0	1	8.4	.0	1	193.7	.0	1	.0	.0	1	.0	.0	1	.0	.0
3-15-66	6	5.5	3.4	6	20.6	12.8	6	474.2	294.3	6	.0	.0	6	.0	.0	6	.0	.0
4- 5-66	5	1.6	.0	5	6.1	.6	5	140.3	14.4	5	.0	.0	5	.0	.0	5	.0	.0
4-26-66	3	.9	.0	3	3.6	1.8	3	83.7	42.4	3	.0	.0	3	.0	.0	3	.0	.0
5-17-66	1	1.7	.0	1	7.5	.0	1	135.8	.0	1	.0	.0	1	.0	.0	1	.0	.0
6- 7-66	1	.7	.0	1	3.0	.0	1	62.5	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-10-66	3	1.0	.0	3	3.9	.0	3	84.9	3.9	3	.0	.0	3	.0	.0	3	.0	.0
8-31-66	2	.8	.0	2	3.2	.9	2	66.6	12.8	2	.0	.0	2	.0	.0	2	.0	.0
9-21-66	1	1.1	.0	1	5.2	.0	1	100.3	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-12-66	2	1.1	.0	2	4.1	.0	2	101.3	6.2	2	31.1	10.8	2	119.9	42.9	2	2973.4	1019.6
11- 2-66	3	1.2	.0	3	4.8	.0	3	110.0	6.6	3	15.6	15.6	3	67.1	67.1	3	1335.1	1335.1
1- 4-67	5	1.2	.0	4	4.4	.5	5	104.7	9.4	5	.6	.6	4	2.9	2.9	5	54.0	54.0
1-24-67	2	1.7	.0	2	5.6	.0	2	146.1	8.6	2	.0	.0	2	.0	.0	2	.0	.0
2-15-67	4	1.1	.0	4	3.7	1.2	4	103.4	35.9	4	.0	.0	4	.0	.0	4	.0	.0
7-14-67	2	.3	.0	2	1.3	1.3	2	30.2	30.2	2	.0	.0	2	.0	.0	2	.0	.0

B-225

CATOSTOMUS (COLUMBIANUS)

MUSCLE

LARGE FISH

DATE	N	PICOGRAPHS OF DRY WEIGHT			SC 46			PER GRAM			WET WEIGHT			PICOGRAPHS OF WET WEIGHT			CO 60			FILM GRAM		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
2-22-66	1	.2	.0	1	.7	.0	1	15.9	.0	1	.4	.0	1	.0	.0	1	1.0	.0	1	37.1	.0	1
3-15-66	6	.6	.0	6	.	.0	6	.0	.0	6	1.1	.0	6	.9	.0	6	4.1	3.2	6	74.2	24.6	6
4-5-66	5	.4	.0	5	.	.0	5	.0	.0	5	.4	.0	5	.0	.0	5	1.3	.5	5	50.9	11.9	5
4-20-66	3	.0	.0	3	.6	.0	3	.6	.0	3	.2	.0	3	.0	.0	3	.0	.0	3	14.0	7.2	3
4-17-66	1	.3	.0	1	.	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
6-7-66	1	.3	.0	1	.	.0	1	.0	.0	1	.2	.0	1	.0	.0	1	.0	.0	1	10.6	.0	1
7-10-66	3	.	.0	3	.	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3
7-31-66	2	.	.0	2	.6	.0	2	.0	.0	2	.2	.0	2	.0	.0	2	.7	.0	2	10.1	16.1	2
8-21-66	1	.9	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
10-12-66	2	.5	.0	2	.5	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
11-2-66	3	.6	.0	3	.	.0	3	.0	.0	3	.1	.0	3	.0	.0	3	.3	.0	3	7.5	7.5	3
1-4-67	5	.6	.0	5	.6	.0	5	.0	.0	5	.3	.0	5	.0	.0	5	.9	.0	5	23.5	9.0	5
1-24-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.4	.0	2	.0	.0	2	1.2	.1	2	32.1	6.6	2
2-15-67	4	.6	.0	4	.0	.0	4	.0	.0	4	.6	.0	4	.0	.0	4	1.5	.0	4	42.3	12.2	4
7-14-67	2	.1	.0	2	.2	.0	2	.0	.0	2	.1	.0	2	.0	.0	2	.5	.0	2	7.7	7.7	2

CATOSTOMUS COLUMBIANUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				OR 51 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				MN 54 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-22-66	1	9.4	.0	1	16.6	.0	1	381.8	.0	1	.7	.0	1	2.0	.0	1	60.4	.0						
3-15-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.1	.0	6	.4	.0	6	8.2	.0						
4-5-66	5	1.1	1.1	5	4.1	4.1	5	93.7	93.7	5	.6	.0	5	2.3	.0	5	53.5	.0						
4-26-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0						
5-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0						
6-7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.1	.0	1	.5	.0	1	11.2	.0						
6-10-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0						
6-31-66	2	2.2	2.2	2	9.7	9.7	2	187.6	187.6	2	.2	.0	2	.7	.0	2	13.3	.0						
7-31-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.7	.0	1	3.3	.0	1	63.3	.0						
11-12-66	2	11.1	3.8	2	43.0	15.0	2	1066.2	355.7	2	.0	.0	2	.0	.0	2	.0	.0						
11-2-66	3	4.0	4.0	3	17.2	17.2	3	343.1	343.1	3	.5	.0	3	1.8	1.1	3	43.9	.0						
1-4-67	5	.5	.5	4	2.5	2.5	5	48.4	48.4	5	.4	.0	4	1.1	.7	5	30.9	.0						
1-24-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.7	.0	2	2.2	.0	2	57.8	.0						
1-15-67	4	8.4	6.0	4	18.7	10.3	4	511.0	277.2	4	2.4	2.0	4	5.1	3.5	4	159.0	.0						
7-14-67	2	4.6	1.2	2	20.2	1.7	2	396.3	106.6	2	.0	.0	2	.0	.0	2	.0	.0						

CATOSTOMUS COLUMBIANUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF			FE 59			PER GRAM			PICOCURIES OF			ZN 65			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	1	50.5	.0	1	190.2	.0	1	4387.0	.0
3-15-66	6	.0	.0	6	.0	.0	6	.0	.0	6	120.9	66.8	6	455.5	251.8	6	10503.0	5806.5
4- 5-66	5	.0	.0	5	.0	.0	5	.0	.0	5	57.5	5.8	5	216.7	21.9	5	4948.4	504.4
4-20-66	3	2.4	.7	3	11.3	3.0	3	257.9	70.0	3	44.0	8.0	3	183.4	41.4	3	4043.9	790.0
5-17-66	1	.2	.0	1	.6	.0	1	.0	.0	1	64.8	.0	1	293.9	.0	1	5271.7	.0
6- 7-66	1	.5	.0	1	1.9	.0	1	39.1	.0	1	9.6	.0	1	38.6	.0	1	801.9	.0
6-10-66	3	.0	.0	3	.0	.0	3	.0	.0	3	40.6	9.4	3	154.8	36.4	3	5409.4	847.9
6-31-66	2	.9	.9	2	3.5	3.5	2	79.5	79.5	2	46.7	3.7	2	193.8	8.2	2	4095.3	495.0
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	39.3	.0	1	183.1	.6	1	3557.1	.0
11-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	35.2	10.0	2	135.9	39.9	2	3372.3	939.0
11- 2-66	3	.2	.0	3	1.0	1.0	3	22.7	22.7	3	46.1	19.2	3	171.0	60.4	3	4081.1	1705.0
1- 4-67	5	.5	.5	4	2.0	2.0	5	40.3	40.3	5	40.4	10.5	4	126.0	39.5	5	3515.2	905.6
1-24-67	2	.0	.0	2	.0	.0	2	.0	.0	2	33.9	5.9	2	113.2	13.4	2	2973.3	314.6
2-15-67	4	.0	.0	4	.0	.0	4	.0	.0	4	74.4	30.3	4	190.1	42.2	4	5234.2	1088.2
7-14-67	2	2.4	2.4	2	9.0	9.0	2	208.7	208.7	2	15.4	13.7	2	59.6	50.1	2	1338.0	1189.5

B-228

CATOSTOMUS COLUMBIANUS										MUSCLE										LARGE FISH												
DATE	PICOGRAPHS OF					NP 239					PER GRAM					PICOGRAPHS OF					MU-TH 106					PER GRAM						
	WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT						
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-22-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-15-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-5-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4-26-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5-17-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6-7-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6-10-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6-31-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-21-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-12-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11-2-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1-4-67	5	1.3	.7	.4	.0	5.1	3.5	.5	.0	91.1	.0	.0	.0	.0	.0	4.2	0.2	.3	.0	.0	18.2	.0	.0	.0	.0	362.8	.0	.0	.0	.0	.0	.0
1-24-67	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-15-67	4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-14-67	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.5	.2	.0	.0	13.3	.0	.0	.0	.0	209.0	.0	.0	.0	.0	.0	.0

DATE	CATFISH, COLUMBIAN			MUSCLE			LARGE FISH		
	PICOPIES OF 20-24 95			PER GRAM			PICOPIES OF 11-14 140		
	NET WEIGHT	5 E	U	NET WEIGHT	5 E	N	NET WEIGHT	5 E	N
DATE	U	MEAN	5 E	U	MEAN	5 E	U	MEAN	5 E
2-22-66	1	.0	.0	1	.0	.0	0	.0	.0
3-15-66	0	.0	.0	6	.0	.0	0	.0	.0
4-5-66	5	.0	.0	5	.0	.0	0	.0	.0
4-26-66	3	.1	.0	3	12.3	.0	3	275.0	16.0
5-17-66	1	.0	.0	1	.0	.0	0	.0	.0
6-7-66	1	.0	.0	1	.0	.0	0	.0	.0
6-10-66	3	.0	.0	3	.0	.0	0	.0	.0
6-11-66	2	.0	.0	2	.0	.0	0	.0	.0
6-21-66	1	.0	.0	1	.0	.0	0	.0	.0
7-12-66	2	.0	.0	2	.0	.0	0	.0	.0
11-4-66	3	.0	.0	3	.0	.0	0	.0	.0
1-4-67	5	.0	.0	5	.0	.0	0	.0	.0
1-24-67	2	.0	.0	2	.0	.0	0	.0	.0
2-15-67	4	.0	.0	4	.0	.0	0	.0	.0
7-14-67	2	.0	.0	2	.0	.0	0	.0	.0

CATOSTOMUS COLUMBIANUS

CARCASS

LARGE FISH

DATE	PELOCOURIES OF			CG 137			PER GRAM			PELOCOURIES OF			CG-FR 144			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	1	2.9	.0	1	8.1	.0	1	82.7	.0	1	.0	.0	1	.0	.0	1	.0	.0
3-15-66	2	.6	.0	6	1.6	.7	6	16.2	7.3	6	.9	.9	6	2.5	2.5	6	25.5	25.5
4-5-66	5	.6	.0	5	1.7	.7	5	17.1	7.4	5	.0	.0	5	.0	.0	5	.0	.0
4-26-66	3	.3	.0	3	.8	.8	3	12.5	12.5	3	.0	.0	3	.0	.0	3	.0	.0
5-17-66	1	2.9	.0	1	14.4	.0	1	61.2	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-7-66	1	.3	.0	1	.7	.0	1	8.5	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-10-66	3	.2	.0	3	.5	.0	3	7.8	7.8	3	.0	.0	3	.0	.0	3	.0	.0
6-31-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
7-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	92.5	19.9	2	226.3	54.4	2	1715.7	498.1
11-2-66	3	.2	.0	3	.6	.6	3	6.3	6.3	3	31.3	31.3	3	98.4	98.4	3	908.5	908.5
1-4-67	5	.4	.0	5	1.1	.6	5	11.8	5.8	5	.0	.0	5	.0	.0	5	.0	.0
2-14-67	2	.8	.0	2	2.1	.0	2	22.6	4.3	2	.0	.0	2	.0	.0	2	.0	.0
2-15-67	4	.8	.0	4	2.6	1.3	4	38.8	18.1	4	3.9	3.9	4	16.3	16.3	4	221.6	221.6
7-14-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

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CATOSTOMUS COLUMBIANUS															
LARGE FISH															
CARCASS															
PICOGRAPHS OF															
SC %															
PER GRAM															
ASH WEIGHT															
DRY WEIGHT															
SE N															
MEAN															
WET WEIGHT															
SE N															
MEAN															
PICOGRAPHS OF															
DRY WEIGHT															
SE N															
MEAN															
CO DO															
PER GRAM															
ASH WEIGHT															
SE N															
MEAN															
SE															
DATE															
2-22-66	1	.7	.0	1	2.1	.0	1	21.5	.0	1	3.8	.0	1	39.3	.0
3-15-66	6	.6	.0	6	1.7	.6	6	18.0	6.7	6	4.5	.0	6	46.2	5.2
4-5-66	5	.3	.0	5	.4	.0	5	7.9	3.6	5	3.0	.0	5	37.0	3.5
4-26-66	3	.4	.0	3	1.1	.6	3	13.8	9.4	3	3.0	.0	3	32.3	5.7
5-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	4.2	.0	1	18.0	.0
6-7-66	1	.1	.0	1	.2	.0	1	2.0	.0	1	1.5	.0	1	17.2	.0
8-10-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.8	.0	3	7.4	7.4
9-31-66	2	.1	.0	2	.3	.0	2	2.5	2.5	2	1.9	.0	2	17.8	2.5
9-21-66	1	.3	.0	1	.9	.0	1	7.7	.0	1	4.0	.0	1	35.8	.0
10-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
11-2-66	3	.0	.0	3	.0	.0	3	.0	.0	3	2.8	.0	3	26.2	4.4
1-4-67	5	.4	.0	5	1.0	1.0	5	10.8	10.8	5	3.0	.0	5	28.5	5.3
1-24-67	2	.1	.0	2	.2	.0	2	3.4	3.4	2	4.1	.0	2	47.3	10.9
2-15-67	4	.2	.0	4	.5	.0	4	8.7	4.0	4	3.4	.0	4	51.9	11.1
7-14-67	2	.8	.0	2	3.3	1.5	2	23.7	10.4	2	2.2	1.2	2	16.2	8.1

CATOSTOMUS COLUMBIANUS

CAPCASS

LARGE FISH

DATE	PICOCURIES OF			CP 51			PER GRAM			PICOCURIES OF			MN 54			PER GRAM		
	NET WEIGHT			DRY WEIGHT			ASH WEIGHT			NET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	1	62.5	.0	1	175.1	.0	1	1806.4	.0	1	11.9	.0	1	53.5	.0	1	343.9	.0
3-12-66	6	31.2	2.3	6	87.7	6.5	6	900.3	66.8	6	6.1	.6	6	17.0	1.0	6	175.7	16.8
4- 5-66	5	22.0	5.8	5	63.7	16.1	5	654.0	156.6	5	5.6	.8	5	15.7	2.3	5	161.8	30.7
4-20-66	3	22.5	8.0	3	63.4	15.6	3	662.5	124.6	3	5.4	.0	3	14.6	.0	3	144.8	30.6
5-17-66	1	32.4	.0	1	160.7	.0	1	682.3	.0	1	9.0	.0	1	44.0	.0	1	169.2	.0
5- 7-66	1	3.7	.0	1	9.3	.0	1	108.3	.0	1	3.5	.0	1	3.5	.0	1	103.2	.0
5-10-66	3	.0	.0	3	.0	.0	3	.0	.0	3	2.6	.0	3	7.8	2.0	3	40.9	35.8
5-31-66	2	27.7	13.5	2	88.3	47.3	2	778.0	367.1	2	4.3	.0	2	13.4	3.0	2	121.7	16.9
6-21-66	1	44.3	.0	1	135.2	.0	1	1205.1	.0	1	7.9	.0	1	24.0	.0	1	213.8	.0
7-12-66	2	50.3	13.7	2	157.5	56.9	2	1660.0	652.2	2	3.3	1.2	2	8.2	3.1	2	160.0	48.9
8- 2-66	3	33.7	3.5	3	93.5	14.4	3	861.7	130.9	3	6.3	1.0	3	10.6	3.2	3	150.9	19.7
8- 4-67	5	24.6	5.7	5	62.6	14.0	5	626.6	158.7	5	5.2	1.2	5	13.4	3.2	5	126.7	24.0
8-14-67	2	15.4	.0	2	37.4	.0	2	427.3	85.2	2	4.8	.8	2	11.7	2.1	2	138.5	51.5
8-15-67	4	14.4	7.2	4	47.7	17.0	4	770.1	302.7	4	5.2	1.5	4	13.0	3.5	4	200.8	53.1
8-14-67	2	17.0	5.0	2	68.7	12.6	2	507.1	107.0	2	2.2	1.2	2	6.7	4.0	2	62.7	34.6

CATOSTOMUS COLUMBIANUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FL 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	1	196.0	.0	1	548.7	.0	1	564.9	.0
3-15-66	6	3.3	1.0	6	9.2	5.0	6	95.3	52.0	6	186.0	23.1	6	520.6	64.7	6	5375.3	667.9
4-5-66	5	4.9	2.1	5	13.7	5.9	5	141.6	60.6	5	189.7	37.1	5	531.0	104.0	5	5481.9	1073.5
4-26-66	3	14.1	4.2	3	40.4	13.4	3	399.2	103.9	3	153.2	18.3	3	429.9	76.4	3	4406.9	207.5
5-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	304.4	.0	1	1511.0	.0	1	6416.7	.0
6-7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	60.6	.0	1	152.1	.0	1	1773.4	.0
8-10-66	3	1.5	1.5	3	4.0	4.0	3	35.4	35.4	3	121.8	27.5	3	320.8	80.7	3	4142.0	1268.8
8-31-66	2	1.0	1.8	2	5.2	5.2	2	52.2	52.2	2	142.9	10.0	2	443.5	59.1	2	4046.6	195.9
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	213.5	.0	1	651.5	.0	1	5809.2	.0
10-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	122.3	18.2	2	298.7	52.2	2	3552.2	1090.1
11-2-66	3	.0	.0	3	.0	.0	3	.0	.0	3	156.8	42.4	3	417.0	84.2	3	3763.4	466.5
1-4-67	5	.0	.0	5	.0	.0	5	.0	.0	5	130.9	30.7	5	334.2	77.8	5	3236.1	727.7
1-24-67	2	.0	.0	2	.0	.0	2	.0	.0	2	119.1	10.5	2	289.5	27.1	2	3372.9	990.8
2-15-67	4	.0	.0	4	.0	.0	4	.0	.0	4	156.7	23.4	4	374.2	41.5	4	5676.1	673.2
7-14-67	2	13.3	12.7	2	54.1	51.8	2	386.8	369.5	2	49.9	39.8	2	202.1	163.4	2	1451.4	1163.0

CATOSTOMUS COMBRIKATUS

LARGE FISH

CARCASS

DATE	POUNDS OF				PER GRAM				PER 100				PER GRAM			
	N	MEAN	S F	DAY	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
2-22-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-5-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-17-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-7-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-10-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-11-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-1-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-12-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-4-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-14-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CATOSTOMUS COLUMBIANUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
3-15-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4- 5-66	5	.0	.0	5	.0	.0	5	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	3	.0	.0	3	.0	.0	3	.0	.0	3	275.0	16.0	3	764.0	92.7	3	8188.3	711.5
5-17-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6- 7-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-10-66	3	.0	.0	3	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-31-66	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
10-12-66	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11- 2-66	3	.0	.0	3	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
1- 4-67	5	.9	.5	5	2.4	1.4	5	20.8	11.1	0	.0	.0	0	.0	.0	0	.0	.0
1-24-67	2	.5	.0	2	1.2	1.2	2	10.6	10.6	0	.0	.0	0	.0	.0	0	.0	.0
2-15-67	4	.2	.0	4	.4	.0	4	6.3	6.3	0	.0	.0	0	.0	.0	0	.0	.0
7-14-67	2	.3	.0	2	1.2	1.2	2	9.1	9.1	0	.0	.0	0	.0	.0	0	.0	.0

CATOSTOMUS COLUMBIANUS

GUT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF CS 137									PICOGRAPHS OF CE-PR 144								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	1	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
3-15-66	6	.0	.0	0	.0	.0	0	.0	.0	6	228.8	110.4	0	.0	.0	0	.0	.0
4-5-66	5	.0	.0	0	.0	.0	0	.0	.0	5	139.8	60.2	0	.0	.0	0	.0	.0
4-26-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
5-17-66	1	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
6-7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-10-66	1	7.8	.0	1	20.7	.0	1	55.1	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-17-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
8-25-66	3	.0	.0	1	.0	.0	1	.0	.0	3	68.4	16.3	1	516.4	.0	1	1345.2	.0
8-31-66	2	24.1	24.1	2	92.2	92.2	2	240.5	240.5	2	.0	.0	2	.0	.0	2	.0	.0
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-12-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
11-2-66	3	.0	.0	3	.0	.0	3	.0	.0	3	142.5	142.5	3	650.5	650.5	3	2573.4	2573.4
1-4-67	4	.0	.0	4	.0	.0	4	.0	.0	4	5175.5	3550.9	4	16529.5	9283.8	4	27928.6	11695.5
1-24-67	2	139.4	139.4	2	597.3	597.3	2	940.5	940.5	2	1470.0	976.0	2	6162.3	4314.3	2	9955.9	6540.5
2-15-67	3	.0	.0	3	.0	.0	3	.0	.0	3	953.7	283.6	3	3018.0	687.0	3	5197.9	873.2
7-14-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

CATOSTOMUS COLUMBIANUS

GIT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF			SC 46			PER GRAM			PICOGRAPHS OF			SC 46			PER GRAM		
	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E	WET WEIGHT	MEAN	S E
2-22-66	1	880.5	.0	0	.	.0	0	.0	.0	1	121.8	.0	0	.0	.0	0	.0	.0
4-15-66	0	570.4	129.1	0	.	.0	0	.0	.0	6	57.9	22.3	0	.0	.0	0	.0	.0
4-15-66	5	415.6	63.4	0	.	.0	0	.0	.0	5	27.9	7.7	0	.0	.0	0	.0	.0
4-26-66	3	174.7	44.1	3	830.4	229.6	3	1989.2	541.5	3	.0	.0	3	.0	.0	3	.0	.0
5-17-66	1	143.2	.0	0	.	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
6-7-66	1	1.7.4	.0	1	304.8	.0	1	512.8	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-10-66	1	15.7	.0	1	41.6	.0	1	110.7	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-17-66	3	25.6	3.4	3	88.4	14.9	3	165.1	39.1	3	.0	.0	3	.0	.0	3	.0	.0
6-25-66	3	122.5	32.9	1	993.8	.0	1	2589.2	.0	3	.0	.0	1	.0	.0	1	.0	.0
6-31-66	2	275.6	165.5	2	1078.0	609.2	2	2741.4	1602.2	2	.0	.0	2	.0	.0	2	.0	.0
7-1-66	1	337.9	.0	1	1564.2	.0	1	3540.4	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-12-66	1	207.7	.0	1	984.1	.0	1	1878.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-12-66	3	330.8	39.2	3	1619.3	279.2	3	5447.0	1271.7	3	.0	.0	3	.0	.0	3	.0	.0
7-14-67	4	851.3	254.4	4	3003.3	521.9	4	5839.9	162.6	4	31.8	31.6	4	88.3	88.3	4	1.3.5	1.3.8
7-14-67	2	638.5	137.9	2	2599.0	726.4	2	4348.6	887.6	2	.0	.0	2	.0	.0	2	.0	.0
7-12-67	3	1612.7	195.6	3	5239.0	1522.5	3	8891.5	2024.8	3	74.2	6.0	3	249.0	45.8	3	451.0	118.6
7-14-67	2	250.0	141.0	2	737.6	389.9	2	1193.5	536.7	2	7.2	7.2	2	20.4	20.4	2	31.2	31.2

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CATOSTOMUS COLUMBIANUS

GUT CONTENT

LARGE FISH

DATE	N	PICOGRIDS OF WET WEIGHT			CR 51 DRY WEIGHT			PER GRAM ASH WEIGHT			N	PICOGRIDS OF WET WEIGHT			MN 54 DRY WEIGHT			PER GRAM ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
2-22-66	1	8861.7	.0	0	.0	.0	0	.0	.0	.0	1	359.6	.0	0	.0	.0	0	.0	.0	.0
3-15-66	6	8757.6	2221.0	0	.0	.0	0	.0	.0	.0	6	524.4	329.3	0	.0	.0	0	.0	.0	.0
4-5-66	5	5701.4	1354.9	0	.0	.0	0	.0	.0	.0	5	150.7	14.9	0	.0	.0	0	.0	.0	.0
4-26-66	3	3291.3	960.8	3	15674.6	4861.0	3	37578.4	11607.0	3	109.2	25.0	3	518.3	132.5	3	1241.2	310.0	.0	.0
5-17-66	1	2304.0	.0	0	.0	.0	0	.0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	.0
6-7-66	1	4134.1	.0	1	2367.5	.0	1	3982.5	.0	1	86.8	.0	1	240.5	.0	1	414.6	.0	.0	.0
8-10-66	1	46.7	.0	1	124.2	.0	1	330.4	.0	1	24.7	.0	1	65.7	.0	1	174.0	.0	.0	.0
9-17-66	3	57.5	11.9	3	186.4	13.7	3	336.5	26.7	3	51.7	11.1	3	172.3	31.1	3	315.1	65.1	.0	.0
10-25-66	3	529.4	170.4	1	4803.8	.0	1	12515.2	.0	3	72.0	14.3	1	519.0	.0	1	1352.2	.0	.0	.0
10-31-66	2	3771.5	508.5	2	15147.8	1230.9	2	37357.0	5371.3	2	251.5	31.6	2	1010.6	72.7	2	2490.9	535.3	.0	.0
11-21-66	1	6184.0	.0	1	28626.2	.0	1	64793.4	.0	1	328.4	.0	1	1520.2	.0	1	3440.8	.0	.0	.0
11-12-66	1	7791.0	.0	1	29272.2	.0	1	55850.2	.0	1	371.4	.0	1	1365.0	.0	1	2005.5	.0	.0	.0
11-2-66	3	6950.7	1054.8	3	32117.8	2246.9	3	106189.5	16081.6	3	437.2	45.4	3	2050.3	157.7	3	6778.2	1019.4	.0	.0
1-4-67	4	11304.5	1058.5	4	40084.7	6991.9	4	78317.1	5932.3	4	613.2	120.4	4	2376.2	514.2	4	4959.4	1124.1	.0	.0
1-24-67	2	7250.5	2538.5	2	29641.7	10144.4	2	49340.8	13306.3	2	330.6	124.0	2	1292.5	408.1	2	2267.8	875.2	.0	.0
2-15-67	3	15038.7	6047.3	3	46862.5	15877.8	3	79510.2	22080.9	3	483.1	40.8	3	1595.9	174.4	3	2857.3	508.1	.0	.0
7-14-67	2	1224.6	555.4	2	3501.2	1512.5	2	5725.4	1968.0	2	65.3	25.7	2	186.9	69.2	2	307.7	85.4	.0	.0

CATOSTOMUS COLUMBIANUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	1	2481.1	.0	0	.0	.0	0	.0	.0		
3-15-66	6	197.2	43.9	0	.0	.0	0	.0	.0	6	2146.3	332.2	0	.0	.0	0	.0	.0		
4-5-66	5	237.1	58.8	0	.0	.0	0	.0	.0	5	2961.7	188.0	0	.0	.0	0	.0	.0		
4-26-66	3	200.0	48.9	3	1046.1	294.8	3	2509.9	609.8	3	1708.5	484.8	3	8151.5	2545.0	3	17405.7	5475.1		
5-17-66	1	269.6	.0	0	.0	.0	0	.0	.0	1	988.9	.0	0	.0	.0	0	.0	.0		
6-7-66	1	162.0	.0	1	459.8	.0	1	773.5	.0	1	440.7	.0	1	1250.9	.0	1	2104.2	.0		
6-10-66	1	41.7	.0	1	110.8	.0	1	294.9	.0	1	151.7	.0	1	403.1	.0	1	1072.0	.0		
6-17-66	3	76.7	15.6	3	228.1	14.5	3	409.7	22.6	3	152.2	30.8	3	498.0	58.7	3	901.4	123.8		
6-25-66	3	142.1	30.4	1	996.7	.0	1	2596.6	.0	3	356.1	66.4	1	2509.5	.0	1	6094.5	.0		
7-31-66	2	342.2	97.0	2	1363.1	317.7	2	3393.6	991.0	2	1370.0	146.0	2	5510.9	290.1	2	13566.5	1568.1		
9-21-66	1	394.9	.0	1	1828.1	.0	1	4137.6	.0	1	2351.0	.0	1	10883.0	.0	1	24032.4	.0		
10-12-66	1	997.2	.0	1	3666.6	.0	1	6995.8	.0	1	2316.0	.0	1	8515.8	.0	1	16247.8	.0		
11-2-66	3	613.6	114.3	3	2742.7	211.0	3	9029.1	1327.4	3	1979.3	192.4	3	9317.9	838.3	3	30897.0	5070.0		
1-4-67	4	639.8	99.7	4	2544.5	564.9	4	5383.1	1241.1	4	2301.3	179.9	4	8919.2	1458.3	4	18586.0	3576.7		
1-24-67	2	457.2	56.3	2	1849.0	350.1	2	3117.8	346.1	2	2615.5	245.5	2	10426.8	275.7	2	17882.0	1896.2		
1-15-67	3	969.3	411.0	3	3916.4	1092.4	3	5110.0	1542.0	3	4069.3	435.4	3	13239.4	531.0	3	23402.4	1919.9		
7-14-67	2	97.1	20.1	2	250.2	68.5	2	415.9	73.0	2	523.9	180.9	2	1501.5	506.2	2	2480.8	600.1		

CATOSTOMUS COLUMBIANUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	3	.0	.0	0	.0	.0	0	.0	.0	1	1471.3	.0	0	.0	.0	0	.0	.0
3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	6	418.9	145.9	0	.0	.0	0	.0	.0
4- 5-66	0	.0	.0	0	.0	.0	0	.0	.0	5	179.4	115.8	0	.0	.0	0	.0	.0
4-26-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
6- 7-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-10-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-17-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
8-25-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	1	.0	.0	1	.0	.0
9-31-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
9-21-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-12-66	9	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
11- 2-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
1- 4-67	4	688.3	225.7	4	2431.5	519.4	4	4802.2	749.9	4	3505.0	1379.3	4	11791.9	3111.6	4	22307.3	2563.4
1-24-67	2	161.8	161.8	2	605.5	605.5	2	1119.0	1119.0	2	932.0	932.0	2	3991.9	3991.9	2	6285.6	6285.6
2-15-67	3	136.8	68.9	3	476.7	239.5	3	898.3	462.6	3	.0	.0	3	.0	.0	3	.0	.0
7-14-67	2	348.7	135.6	2	994.8	365.3	2	1645.1	448.2	2	.0	.0	2	.0	.0	2	.0	.0

CATOSTOMUS COLUMBIANUS

GUT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF ZR-WH 95						PER GRAM						PICOGRAPHS OF BA-LA 140						PER GRAM					
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	1	254.1	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
3-15-66	6	6683.5	1349.9	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-5-66	5	97.2	41.7	0	.0	.0	0	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-16-66	3	57.3	14.4	3	272.6	76.5	3	651.7	176.9	3	212.0	54.2	3	1,110.0	297.6	3	2425.7	719.1	3	2425.7	719.1	3	2425.7	719.1
4-17-66	1	2366.0	.0	0	.0	.0	0	.0	.0	1	1014.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6-7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	224.3	.0	1	630.7	.0	1	1070.0	.0	1	1070.0	.0	1	1070.0	.0
6-10-66	1	8.8	.0	1	23.3	.0	1	62.0	.0	1	26.8	.0	1	76.7	.0	1	188.0	.0	1	188.0	.0	1	188.0	.0
6-17-66	3	35.5	7.5	3	117.5	18.9	3	213.0	39.2	3	35.5	6.2	3	117.5	12.0	3	214.2	31.9	3	214.2	31.9	3	214.2	31.9
6-22-66	3	69.0	18.3	1	593.4	.0	1	1538.1	.0	3	66.2	13.7	1	409.0	.0	1	1221.0	.0	3	66.2	13.7	1	409.0	.0
6-31-66	2	275.1	134.0	2	1083.6	485.1	2	2733.7	1356.4	2	310.9	64.0	2	1244.1	190.0	2	3012.0	660.7	2	310.9	64.0	2	1244.1	190.0
7-1-66	1	108.0	.0	1	504.1	.0	1	1141.0	.0	1	605.8	.0	1	2804.0	.0	1	6347.3	.0	1	108.0	.0	1	504.1	.0
10-12-66	1	262.1	.0	1	963.7	.0	1	1838.8	.0	1	1708.0	.0	1	6286.2	.0	1	11942.4	.0	1	262.1	.0	1	963.7	.0
10-2-66	3	203.1	47.4	3	1101.9	21.6	3	3590.3	262.6	3	488.2	114.5	3	2180.4	209.3	3	7106.1	1248.5	3	203.1	47.4	3	1101.9	21.6
1-4-67	4	2285.1	1205.2	4	7773.7	3052.5	4	13809.1	3486.3	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
1-14-67	2	3285.0	1675.0	2	14013.2	13227.6	2	22172.6	20720.7	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
2-15-67	3	1298.1	354.4	3	3743.0	2739.9	3	6089.5	4215.1	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-14-67	2	76.3	6.7	2	75.7	17.4	2	126.4	10.4	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

B-244

CATOSTOMUS COLUMBIANUS

GUT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF									PICOGRAPHS OF								
	WET WEIGHT			BA 140			PER GRAM			WET WEIGHT			LA 140			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4- 5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6- 7-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-10-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11-25-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11-31-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-21-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
1- 2-67	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
1- 4-67	4	1022.3	600.7	4	2921.9	2210.0	4	4996.6	3151.2	4	2604.8	791.8	4	9604.7	1855.9	4	18904.8	2010.0
1-24-67	2	.0	.0	2	.0	.0	2	.0	.0	2	1601.0	34.0	2	6073.1	586.8	2	11340.1	91.4
2-15-67	3	.0	.0	3	.0	.0	3	.0	.0	3	1745.7	365.9	3	5014.4	806.0	3	9816.4	1099.3
7-14-67	2	.0	.0	2	.0	.0	2	.0	.0	2	698.0	698.0	2	2074.0	2074.0	2	3918.5	3918.5

CATOSTOMI ACROCHILIS ENTIRE MIBUS GUT CONTENT SMALL FISH

DATE	N	PICKUP RES OF			CS 137			PER GRAM			MLT			PICKUP RES OF			CE-144			PER GRAM		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
1-9-66	2	9.6	1.7	2	49.5	8.1	2	329.8	53.7	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
1-10-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
2-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
2-12-66	2	1.5	1.5	2	7.2	7.2	2	46.1	40.1	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
2-3-66	3	.1	.0	3	.	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3
2-2-66	3	.0	.0	3	.	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3
2-8-66	3	.0	.0	3	.	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3
2-14-66	2	.0	.0	2	.	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
2-5-66	2	.0	.0	2	.	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
2-9-66	2	.0	.0	2	.	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
2-7-67	1	.0	.0	1	.	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
											41.2	41.2	2	41.2	41.2	2	206.4	206.4	2	1340.7	1340.7	2
											.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1

CATOSTOMUS MACROCHEILUS ENTIRE MINUS GUT CONTENT SHALL FISH

DATE	PICOGRAPHS OF SC 46				PER GRAM ASH				PICOGRAPHS OF DRY WEIGHT				CO 60				PER GRAM ASH			
	WET WEIGHT		DRY WEIGHT		MEAN		S E		WET WEIGHT		DRY WEIGHT		MEAN		S E		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
3-9-66	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3-10-66	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6-21-66	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-12-66	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8-29-66	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9-2-66	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9-8-66	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9-14-66	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-5-66	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10-26-66	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2-7-67	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CATOSTOMUS MACROCHEILUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF WET WEIGHT				CR 51 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOGRAPHS OF WET WEIGHT				MH 54 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
3-9-66	2	85.1	.0	2	228.0	2.0	2	1519.2	13.1	2	5.4	5.4	2	27.2	27.2	2	181.5	181.5						
3-30-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0						
4-21-66	1	21.4	.0	1	108.4	.0	1	722.1	.0	1	.0	.0	1	.0	.0	1	.0	.0						
7-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0						
6-9-66	3	14.2	7.1	3	72.9	36.5	3	496.1	248.0	3	.0	.0	3	.0	.0	3	.0	.0						
7-2-66	3	59.9	8.0	3	303.1	44.8	3	2019.7	298.7	3	3.6	1.8	3	18.0	9.0	3	110.8	59.9						
9-6-66	3	35.3	4.4	3	184.1	24.5	3	1199.4	178.3	3	.0	.0	3	.0	.0	3	.0	.0						
11-14-66	2	178.4	88.8	2	699.7	449.2	2	4662.1	2992.9	2	2.8	2.8	2	14.2	14.2	2	94.5	94.5						
12-5-66	2	41.9	3.2	2	201.3	19.6	2	1335.3	270.4	2	3.6	3.6	2	17.0	17.0	2	99.7	99.7						
12-26-66	2	94.9	17.3	2	479.9	87.4	2	3197.9	562.6	2	.0	.0	2	.0	.0	2	.0	.0						
1-7-67	1	32.5	.0	1	144.4	.0	1	790.8	.0	1	.0	.0	1	.0	.0	1	.0	.0						

CATOSTOMUS MACROCHEILUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
3- 9-66	0	.0	.0	0	.0	.0	0	.0	0	.0	2	367.2	8.2	2	1850.5	41.4	2	12371.2	275.8	
3-30-66	2	27.0	.0	2	136.7	.0	2	911.1	.0	2	242.7	16.9	2	1227.1	85.0	2	8177.3	570.4		
6-21-66	1	19.9	.0	1	100.8	.0	1	671.5	.0	1	116.6	.0	1	589.0	.0	1	3928.7	.0		
7-12-66	2	8.6	8.6	2	41.1	41.1	2	262.7	262.7	2	48.7	43.7	2	230.8	209.9	2	1483.8	1336.6		
8-29-66	3	18.4	2.0	3	93.7	10.9	3	644.7	70.6	3	91.6	0.0	3	202.0	23.0	3	1811.1	161.1		
9- 2-66	3	15.5	2.2	3	78.5	11.1	3	522.9	73.7	3	104.7	8.2	3	529.2	41.0	3	3526.8	277.2		
9- 6-66	3	33.5	10.0	3	176.3	54.8	3	1150.2	362.1	3	147.3	5.6	3	700.0	42.5	3	4974.8	306.8		
9-14-66	2	39.1	10.9	2	197.9	54.9	2	1318.7	365.6	2	194.7	5.5	2	984.7	27.0	2	6561.7	183.6		
10- 5-66	2	22.9	1.9	2	110.2	11.5	2	731.7	153.0	2	257.2	55.2	2	1240.4	291.8	2	8348.9	2790.6		
10-26-66	2	50.4	17.2	2	254.7	87.0	2	1697.2	579.5	2	210.4	.9	2	1003.8	4.0	2	7089.2	30.3		
2- 7-67	1	33.6	.0	1	149.5	.0	1	818.7	.0	1	186.6	.0	1	829.0	.0	1	4540.2	.0		

CATOSTOMUS MACROCHEILUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	NET WEIGHT			DRY WEIGHT			PER GRAM			NET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E

3- 9-66	2	9.0	.0 2	45.7	3.3 2	304.5	21.9 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0	.0
3-30-66	2	.0	.0 2	.0	.0 2	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0	.0
6-21-66	1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0 1	11.6	.0 1	58.5	.0 1	389.8	.0	.0	.0	.0
7-12-66	2	.0	.0 2	.0	.0 2	.0	.0 2	.0	.0 2	3.3	3.3 2	15.8	15.8 2	101.4	101.4	.0	.0	.0
8-29-66	3	.0	.0 3	.0	.0 3	.0	.0 3	.0	.0 3	7.1	3.7 3	36.6	19.3 3	250.6	133.9	.0	.0	.0
9- 2-66	3	1.5	1.5 3	7.6	7.6 3	50.9	50.9 3	.0	.0 3	.0	.0 3	.0	.0 3	.0	.0 3	.0	.0	.0
9- 6-66	3	.0	.0 3	.0	.0 3	.0	.0 3	.0	.0 3	22.9	5.3 3	120.0	29.9 3	779.7	196.1	.0	.0	.0
9-14-66	2	.0	.0 2	.0	.0 2	.0	.0 2	.0	.0 2	27.7	10.4 2	140.1	52.0 2	933.8	349.6	.0	.0	.0
10- 5-66	2	.0	.0 2	.0	.0 2	.0	.0 2	.0	.0 2	7.3	7.3 2	35.9	35.9 2	260.8	260.8	.0	.0	.0
10-26-66	2	10.5	1.6 2	52.9	8.3 2	352.8	55.6 2	33.3	9.6 2	168.2	48.4 2	1120.8	322.6	.0	.0	.0	.0	.0
2- 7-67	1	.0	.0 1	.0	.0 1	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0	.0

CATOSTOMUS MACROCHEILUS ENTIRE WT'US GUT CONTENT SMALL FISH

DATE	FLOCCULIES OF					PER GRAM					LA 140					PER GRAM				
	FLOCCULIES OF					BA 140					BA 140					LA 140				
	WT	MEAN	S	E	N	WT	MEAN	S	E	N	WT	MEAN	S	E	N	WT	MEAN	S	E	N
5-9-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-10-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-12-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-29-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-6-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-14-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-5-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-28-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-7-67	1	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1

CATOSTOMUS MACROCHEILUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137						PER GRAM ASH WEIGHT						PICOCURIES OF CE-PR 144						PER GRAM ASH WEIGHT					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			

7-12-66	1	.7	.0	1	2.1	.0	1	22.4	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0			
7-27-66	6	.5	.0	6	1.8	.0	6	11.0	3.5	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0			
8- 4-66	5	.7	.0	5	2.3	.0	5	21.0	2.6	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0			
8-17-66	6	.5	.0	6	1.7	.0	6	14.8	2.8	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0			
8-25-66	6	.7	.0	6	2.1	.0	6	19.6	2.6	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0			

CALISTOCHI, PACIFICILUS

ENTIRE PLANKTON CONTENT LARGE FISH

DATE	PICOGRAPHS OF					SCOD					PER GRAM					PICOGRAPHS OF					SCOD					PER GRAM				
	WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E						
7-12-66	1	.1	.0	1	.3	.0	1	3.1	.0	1	.5	.0	1	1.4	.0	1	14.4	.0												
7-27-66	1	.2	.0	1	.0	.0	6	.3	.0	6	.4	.0	6	1.6	.7	6	9.1	3.1												
7-4-66	5	.3	.0	5	.3	.0	5	.0	.0	5	.5	.0	5	1.6	.6	5	14.9	4.2												
1-17-66	6	.7	.3	6	.	.0	6	.0	.0	6	.3	.0	6	1.6	.4	6	10.0	2.5												
8-25-66	6	.6	.5	6	.6	.0	6	.0	.0	6	.4	.0	6	1.1	.6	6	10.5	1.9												

CATOSTOMUS MACROCHEILUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CH S1					PER GRAM					PICOCURIES OF NH S4					PER GRAM				
	WET WEIGHT		DRY WEIGHT			ASH WEIGHT					WET WEIGHT		DRY WEIGHT			ASH WEIGHT				
	H	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	

7-12-66	1	8.3	.0	1	23.8	.0	1	250.2	.0	1	2.5	.0	1	7.2	.0	1	75.8	.0		
7-27-66	6	.2	.0	6	.0	.8	6	5.8	5.8	6	1.2	.0	6	4.6	1.0	6	34.9	8.7		
8-4-66	5	.0	.0	5	.0	.0	5	.0	.0	5	1.3	.0	5	4.6	1.2	5	41.5	10.4		
8-17-66	6	.0	.0	6	.0	.0	6	.0	.0	6	1.0	.0	6	3.6	.6	6	33.5	8.8		
8-25-66	6	.0	.0	6	.0	.0	6	.0	.0	6	1.1	.0	6	3.4	.0	6	30.8	3.6		

CATOSTOMUS MACROCHILUS		ENTIRE PLUS GUT CONTENT LARGE FISH											
DATE	N	PICOGRAPHS OF				PICOGRAPHS OF				PER GRAM			
		WEI		WEI		WEI		WEI		WEI		WEI	
		MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E
7-12-66	1	0	0	1	0	1	0	1	0	1	0	1	0
7-27-66	5	0	0	5	0	5	0	5	0	5	0	5	0
8-4-66	5	0	0	5	0	5	0	5	0	5	0	5	0
8-17-66	5	0	0	5	0	5	0	5	0	5	0	5	0
8-23-66	5	0	0	5	0	5	0	5	0	5	0	5	0

CATOSTOMUS MACROCHEILUS

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF CS 137						PICOGRAPHS OF CL-PH 144					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	7	1.7	.3	7	7.7	1.1	7	155.0	22.4	7	.0	.0
3-15-66	9	.9	.3	9	4.1	1.4	9	80.8	27.6	9	.0	.0
4-5-66	5	1.6	.0	5	7.4	1.6	5	149.5	32.7	5	.0	.0
4-20-66	5	1.4	.0	5	6.0	.5	5	123.1	14.4	5	.0	.0
5-17-66	6	1.6	.0	6	7.1	1.3	6	141.3	26.0	6	.0	.0
6-7-66	4	1.2	.0	4	5.2	.8	4	114.6	20.3	4	.0	.0
6-28-66	6	1.1	.0	6	4.9	1.0	6	93.2	19.6	6	.0	.0
7-19-66	3	1.5	.0	3	6.8	1.1	3	137.0	19.2	3	.0	.0
8-10-66	2	1.1	.0	2	3.7	1.0	2	41.6	17.5	2	.0	.0
8-31-66	6	1.3	.0	6	5.8	.7	6	102.3	21.3	6	.0	.0
9-21-66	6	1.0	.0	6	4.5	.7	6	97.8	12.7	6	.0	.0
10-12-66	6	1.3	.0	6	6.0	.6	6	122.0	14.1	6	12.6	5.4
11-2-66	6	1.2	.0	6	4.7	.4	6	110.3	7.5	6	14.8	7.7
11-29-66	6	1.2	.0	6	5.0	.0	6	113.1	4.3	6	.0	.0
12-14-66	6	.9	.0	6	3.6	.0	6	83.9	6.7	6	.0	.0
1-4-67	5	1.0	.0	5	4.9	.5	5	97.3	7.0	5	.0	.0
2-4-67	6	1.1	.0	6	4.4	.6	6	92.0	11.8	6	.0	.0
3-15-67	6	1.4	.0	6	5.6	.5	6	135.4	4.5	6	.0	.0
4-14-67	6	1.0	.3	6	5.1	1.2	6	90.3	21.7	6	.0	.0
6-19-67	4	.4	.0	4	2.0	1.2	4	29.9	17.5	4	24.9	7.4
7-10-67	4	.9	.0	4	4.8	.9	4	76.3	18.5	4	29.2	18.3
											133.9	39.5
											138.4	78.3
											2146.9	639.0
											2372.3	1528.7

B-260

CATOSTOMUS, MACROCHEILUS										MUSCLE										LARGE FISH										
PICOGRAPHS OF					SC #6					PER GRAM					PICOGRAPHS OF					CO #0					PER GRAM					
WET WEIGHT					DRY WEIGHT					ASH					WET WEIGHT					DRY WEIGHT					ASH					
N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	

DATE																														

2-22-66	7	.0	.0	7	.1	.0	7	2.7	2.7	7	.3	.0	7	1.4	.0	7	28.6	.0	7	28.6	.0	7	28.6	.0	7	28.6	.0	7	28.6	.0
3-15-66	9	.0	.0	9	.0	.0	9	.0	.0	9	.1	.0	9	.5	.0	9	9.8	.0	9	9.8	.0	9	9.8	.0	9	9.8	.0	9	9.8	.0
4-5-66	5	.0	.0	5	.0	.0	5	.0	.0	5	.7	.0	5	3.4	.0	5	67.9	.0	5	67.9	.0	5	67.9	.0	5	67.9	.0	5	67.9	.0
4-26-66	5	.0	.0	5	.0	.0	5	.0	.0	5	.3	.0	5	1.2	.0	5	24.8	.0	5	24.8	.0	5	24.8	.0	5	24.8	.0	5	24.8	.0
5-17-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.1	.0	6	.5	.0	6	10.3	.0	6	10.3	.0	6	10.3	.0	6	10.3	.0	6	10.3	.0
6-7-66	4	.0	.0	4	.0	.0	4	.0	.0	4	.3	.0	4	1.1	.0	4	23.9	.0	4	23.9	.0	4	23.9	.0	4	23.9	.0	4	23.9	.0
6-28-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-19-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.2	.0	3	.7	.0	3	14.5	.0	3	14.5	.0	3	14.5	.0	3	14.5	.0	3	14.5	.0
7-10-66	2	.1	.0	2	.4	.0	2	10.0	10.0	2	.4	.0	2	1.4	.0	2	20.7	.0	2	20.7	.0	2	20.7	.0	2	20.7	.0	2	20.7	.0
8-31-66	6	.0	.0	6	.1	.0	6	1.2	1.2	6	.3	.0	6	1.1	.0	6	24.3	.0	6	24.3	.0	6	24.3	.0	6	24.3	.0	6	24.3	.0
9-21-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
10-12-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
11-2-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
11-27-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.1	.0	6	.3	.0	6	6.1	.0	6	6.1	.0	6	6.1	.0	6	6.1	.0	6	6.1	.0
12-14-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.3	.0	6	1.1	.0	6	28.4	.0	6	28.4	.0	6	28.4	.0	6	28.4	.0	6	28.4	.0
1-4-67	5	.0	.0	5	.0	.0	5	.0	.0	5	.3	.0	5	1.0	.0	5	32.3	.0	5	32.3	.0	5	32.3	.0	5	32.3	.0	5	32.3	.0
1-24-67	6	.0	.0	6	.0	.0	6	.0	.0	6	.2	.0	6	1.0	.0	6	18.5	.0	6	18.5	.0	6	18.5	.0	6	18.5	.0	6	18.5	.0
2-15-67	6	.0	.0	6	.0	.0	6	.8	.8	6	.5	.0	6	1.9	.0	6	47.2	.0	6	47.2	.0	6	47.2	.0	6	47.2	.0	6	47.2	.0
7-14-67	6	.0	.0	6	.0	.0	6	.0	.0	6	.2	.0	6	1.1	.0	6	20.1	.0	6	20.1	.0	6	20.1	.0	6	20.1	.0	6	20.1	.0
8-29-67	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0
9-26-67	4	.0	.0	4	.0	.0	4	.0	.0	4	.2	.0	4	1.3	.0	4	20.6	.0	4	20.6	.0	4	20.6	.0	4	20.6	.0	4	20.6	.0

LATOSTOMUS XANTHOPTERUS

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF CR 51					PER GRAM					PICOGRAPHS OF CR 54					PER GRAM				
	NET WEIGHT					ASH WEIGHT					NET WEIGHT					ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
1-22-66	7	4.6	.4	7	20.7	1.9	7	417.8	38.6	7	.4	.0	7	1.7	.0	7	30.9	6.0		
5-15-66	4	.0	.0	9	.0	.0	9	.0	.0	9	.1	.0	9	.0	.0	9	0.0	4.4		
4-5-66	5	.7	.7	5	3.1	3.1	5	62.9	62.9	5	.6	.0	5	2.7	.8	5	59.5	15.4		
4-16-66	5	.1	.0	5	.	.0	5	.0	.0	5	.2	.0	5	1.0	.0	5	21.3	8.3		
4-17-66	6	.0	.0	6	.7	.0	6	.0	.0	6	.4	.0	6	1.9	.0	6	38.0	6.1		
6-7-66	4	.0	.0	4	.0	.0	4	.0	.0	4	.1	.0	4	.0	.0	4	12.9	7.6		
6-18-66	6	.0	.0	6	2.4	1.5	6	46.5	29.5	6	.1	.0	6	.0	.0	6	11.4	5.4		
7-19-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.2	.0	3	.0	.0	3	17.0	8.9		
8-10-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0		
8-31-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.2	.0	6	.4	.0		
9-21-66	6	.6	.0	6	3.7	3.7	6	68.1	68.1	6	.1	.0	6	.5	.0	6	10.0	4.8		
11-12-66	6	1.8	1.9	6	22.1	9.0	6	462.1	191.5	6	.0	.0	6	.0	.0	6	.0	.0		
12-2-66	6	1.6	.9	6	23.3	4.7	6	537.4	82.7	6	.4	.0	6	1.7	.0	6	38.0	4.3		
11-19-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.5	.0	6	2.1	.0	6	46.5	5.0		
1-14-67	6	.0	.0	6	.0	.0	6	.0	.0	6	.3	.0	6	1.0	.0	6	24.7	6.7		
1-4-67	5	.7	.5	5	3.5	2.4	5	66.4	44.5	5	.4	.0	5	1.7	.5	5	33.7	8.6		
1-14-67	6	1.1	.6	6	5.1	2.6	6	94.3	49.4	6	.3	.0	6	1.3	.4	6	25.0	8.5		
1-15-67	6	.4	.6	6	3.1	2.6	6	64.0	50.7	6	.3	.0	6	1.1	.0	6	27.8	7.0		
7-14-67	6	1.0	.6	6	5.0	3.3	6	84.9	50.0	6	.2	.0	6	.9	.0	6	15.4	9.7		
1-21-67	4	9.7	4.8	4	52.0	25.3	4	818.1	403.9	4	.4	.0	4	2.4	1.7	4	30.6	26.2		
1-20-67	4	3.9	1.5	4	21.7	8.6	4	303.6	109.5	4	.4	.0	4	2.3	.9	4	33.4	11.8		

CATOSTOMUS MACROCHEILUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF FE 59									PICOCURIES OF ZN 65								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-22-66	3	.0	.0	0	.0	.0	0	.0	.0	7	27.7	3.8	7	125.5	17.2	7	2535.1	348.1
3-15-66	9	1.1	1.0	9	4.9	4.3	9	98.2	87.9	9	26.3	1.9	9	121.0	8.5	9	2405.4	176.8
4-5-66	5	.0	.0	5	.0	.0	5	.0	.0	5	36.2	5.8	5	104.0	25.5	5	3313.7	534.5
4-26-66	5	.4	.0	5	1.7	.8	5	33.9	14.8	5	24.5	4.0	5	102.4	14.3	5	2134.3	387.7
5-17-66	6	.0	.0	6	.0	.0	6	.0	.0	6	29.4	3.4	6	134.5	14.0	6	2661.7	303.2
6-7-66	4	.6	.0	4	2.6	1.5	4	52.9	31.1	4	30.1	4.8	4	125.9	16.7	4	1786.3	471.5
6-20-66	6	.0	.0	6	.0	.0	6	.0	.0	6	19.9	4.5	6	90.7	18.9	6	1746.4	389.5
7-19-66	3	.0	.0	3	.0	.0	3	.0	.0	3	26.4	2.1	3	110.0	8.7	3	2350.0	185.0
8-10-66	2	.0	.0	2	.0	.0	2	.0	.0	2	36.3	25.5	2	125.7	80.4	2	1029.2	19.1
8-31-66	6	.3	.0	6	1.4	.7	6	29.5	14.7	6	21.4	2.5	6	95.9	12.7	6	1660.7	354.6
9-11-66	6	.3	.0	6	1.7	1.1	6	39.5	25.1	6	17.5	1.8	6	82.1	8.8	6	1743.4	109.7
10-12-66	6	.0	.0	6	.0	.0	6	.0	.0	6	19.5	2.8	6	89.3	13.0	6	1834.6	304.0
11-2-66	6	.0	.0	6	.0	.0	6	.0	.0	6	21.7	1.4	6	87.4	6.5	6	2072.0	133.5
11-29-66	6	.0	.0	6	.0	.0	6	.0	.0	6	20.8	3.5	6	110.4	15.5	6	2469.7	308.4
12-14-66	6	.3	.0	6	1.5	.9	6	27.1	17.4	6	18.4	2.9	6	66.7	6.7	6	1088.0	276.2
1-4-67	5	.0	.0	5	.0	.0	5	.0	.0	5	23.8	2.8	5	112.2	13.8	5	2257.2	268.4
1-24-67	6	.6	.0	6	.0	.0	6	.0	.0	6	16.6	3.1	6	75.6	14.4	6	1419.6	265.3
2-15-67	6	.4	.0	6	1.6	1.3	6	31.9	24.6	6	25.7	2.9	6	101.3	14.8	6	2407.1	228.8
7-14-67	6	1.7	.4	6	9.0	2.2	6	157.9	37.7	6	11.6	2.6	6	59.5	13.4	6	1058.0	245.5
8-27-67	4	4.2	1.3	4	22.6	7.1	4	364.1	118.4	4	24.4	6.4	4	131.5	34.1	4	2101.4	560.9
9-16-67	4	3.3	1.3	4	16.5	5.5	4	268.2	108.9	4	19.4	3.6	4	100.5	15.4	4	1561.4	275.1

CATOSTOMUS MACROCHEILUS

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF NET WEIGHT			NP 239 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOGRAPHS OF NET WEIGHT			RU-RH 100 DRY WEIGHT			PER GRAM ASH WEIGHT		
	II	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N			
2-22-66	0	.0	.0 0	.0	.0 0	.0	.0 7	1.4	1.4 7	0.2	0.2 7	125.0	125.0					
3-15-66	0	.0	.0 0	.0	.0 0	.0	.0 9	.0	.0 9	.0	.0 9	.0	.0 9	.0	.0			
4- 5-66	0	.0	.0 0	.0	.0 0	.0	.0 5	.0	.0 5	.0	.0 5	.0	.0 5	.0	.0			
4-26-66	0	.0	.0 0	.0	.0 0	.0	.0 5	.0	.0 5	.0	.0 5	.0	.0 5	.0	.0			
5-17-66	0	.0	.0 0	.0	.0 0	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
6- 7-66	0	.0	.0 0	.0	.0 0	.0	.0 4	.0	.0 4	.0	.0 4	.0	.0 4	.0	.0			
6-28-66	0	.0	.0 0	.0	.0 0	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
7-19-66	0	.0	.0 0	.0	.0 0	.0	.0 3	.0	.0 3	.0	.0 3	.0	.0 3	.0	.0			
8-10-66	0	.0	.0 0	.0	.0 0	.0	.0 2	.0	.0 2	.0	.0 2	.0	.0 2	.0	.0			
8-31-66	0	.0	.0 0	.0	.0 0	.0	.0 6	.7	.7 6	3.1	3.1 6	66.7	66.7					
9-11-66	0	.0	.0 0	.0	.0 0	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
10-12-66	0	.0	.0 0	.0	.0 0	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
11- 2-66	0	.0	.0 0	.0	.0 0	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
12-29-66	0	27.6	27.6 6	120.9	120.9 6	2756.3	2756.3 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
1-14-67	0	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
2- 4-67	0	.1	.0 5	.4	.0 5	9.4	9.4 5	.0	.0 5	.0	.0 5	.0	.0 5	.0	.0			
2-24-67	0	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0 6	.0	.0			
3-15-67	6	.0	.0 6	.0	.0 6	.0	.0 6	2.6	2.1 6	10.0	9.2 6	213.0	176.4					
7-14-67	6	.0	.0 6	.0	.0 6	.0	.0 6	1.2	1.2 6	6.3	6.3 6	100.2	100.2					
7-29-67	0	38.0	10.4 4	204.8	55.6 4	3270.2	904.9 4	.0	.0 4	.0	.0 4	.0	.0 4	.0	.0			
8- 6-67	0	7.0	5.5 4	31.0	24.2 4	574.5	460.8 4	7.5	7.5 4	33.0	33.0 4	620.8	620.8					

CATOSTOMUS MACROCHILUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			BA 140 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			LA 140 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6-7-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6-28-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-19-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-10-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-31-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
9-21-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11-2-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-13-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-14-66	0	.1	.0	6	.7	.7	6	10.4	10.4	6	.7	.0	6	2.8	.8	6	64.1	14.3
1-4-67	5	.4	.5	5	2.3	2.3	5	41.9	41.9	5	.0	.0	5	.0	.0	5	.0	.0
1-24-67	0	1.0	.0	6	4.5	1.7	6	83.8	29.5	6	.5	.0	6	2.3	1.1	6	45.0	21.2
2-15-67	0	.1	.0	6	.3	.0	6	7.3	7.3	6	.3	.0	6	1.3	.3	6	30.7	19.5
2-14-67	0	.9	.6	6	4.5	2.9	6	80.4	51.0	6	.0	.0	6	.0	.0	6	.0	.0
3-6-67	4	1.6	1.6	4	8.9	8.9	4	142.4	142.4	4	.0	.0	4	.0	.0	4	.0	.0
3-6-67	4	1.4	.0	4	8.1	4.7	4	104.9	60.8	4	.3	.0	4	2.0	2.0	4	24.5	24.5

CATOSTOMUS, MACROCHEILUS

CARCASS

LARGE FISH

DATE	PICOGRAPHS OF				CS 137				PER GRAM				PICOGRAPHS OF				CE-PR 144				PER GRAM			
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	7	1.7	.0	7	5.5	.8	7	38.8	5.4	7	.0	1.7	.0	7	15.9	.0	7	.0	.0	7	.0	.0	.0	.0
3-15-66	9	.9	.0	9	2.9	.8	9	19.7	5.7	9	5.0	1.7	9	15.9	.0	9	112.3	5.2	9	.0	.0	.0	.0	36.8
4-5-66	5	.9	.0	5	2.7	.0	5	19.3	1.8	5	.0	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	.0	.0
4-26-66	5	.8	.0	5	2.6	.0	5	18.9	2.4	5	.0	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	.0	.0
5-17-66	6	.9	.0	6	2.0	.6	6	21.4	7.3	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
6-7-66	5	.6	.0	5	1.8	.0	5	14.1	3.9	5	.0	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	.0	.0
6-10-66	6	.5	.0	6	1.5	.0	6	13.4	1.9	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
7-13-66	3	.8	.0	3	2.8	.0	3	15.1	2.7	3	.0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	.0	.0
7-10-66	2	.6	.0	2	1.4	.0	2	13.5	5.9	2	.0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	.0	.0
8-11-66	6	1.0	.0	6	2.4	.9	6	21.7	7.6	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
9-21-66	6	.5	.0	6	1.7	.0	6	13.4	3.3	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
10-12-66	6	.1	.0	6	.4	.0	6	1.9	1.9	6	35.7	9.5	6	116.7	.0	.0	6	1022.0	37.0	6	.0	.0	.0	279.4
11-2-66	6	.0	.0	6	.0	.0	6	.0	.0	6	52.4	3.4	6	155.9	.0	.0	6	1238.0	15.9	6	.0	.0	.0	171.9
11-23-66	6	.0	.0	6	2.0	.4	6	17.4	4.0	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
1-14-67	6	.5	.0	6	1.7	.0	6	11.1	2.6	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
1-4-67	5	.4	.0	5	1.1	.5	5	6.8	2.8	5	.0	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	.0	.0
2-4-67	6	.5	.0	6	1.5	.0	6	9.4	3.0	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
2-15-67	6	.4	.0	6	1.2	.5	6	8.3	3.3	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
7-14-67	6	.6	.0	6	2.0	.0	6	11.5	2.1	6	.0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0
8-7-67	4	.0	.0	4	.0	.0	4	.0	.0	4	130.5	38.4	4	500.5	.0	.0	4	3138.1	144.5	4	.0	.0	.0	916.9
10-10-67	4	1.0	.0	4	3.3	1.3	4	21.7	8.5	4	35.9	9.1	4	118.8	.0	.0	4	774.0	29.1	4	.0	.0	.0	202.5

CATOSTOMUS MACROCHEILIS

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				SC 46 PER GRAM DRY WEIGHT ASH WEIGHT				n	PICOCURIES OF WET WEIGHT				CO 60 PER GRAM DRY WEIGHT ASH WEIGHT			
	U	MEAN	S	E	U	MEAN	S	E		U	MEAN	S	E	U	MEAN	S	E
1-22-66	7	.6	.0	7	2.0	.5	7	14.1	3.4	7	1.5	.0	7	4.8	.0	7	33.7
4-15-66	9	.2	.0	9	.6	.0	9	4.3	1.6	9	1.5	.0	9	5.0	1.0	9	34.0
4-15-66	5	.5	.0	5	1.5	.6	5	10.6	4.3	5	2.0	.0	5	6.4	1.5	5	45.1
4-26-66	5	.1	.0	5	.4	.0	5	2.6	1.1	5	1.4	.0	5	4.5	.5	5	33.5
5-17-66	8	.0	.0	8	.1	.0	8	.0	.0	8	1.1	.0	8	3.5	.0	8	24.4
6-7-66	5	.0	.0	5	.1	.0	5	.0	.0	5	1.3	.0	5	3.9	.0	5	29.7
6-28-66	6	.3	.0	6	.1	.0	6	.8	.8	6	.8	.0	6	2.3	.0	6	18.4
7-19-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.9	.0	3	3.0	.0	3	16.1
7-10-66	2	.9	.0	2	.0	.0	2	.0	.0	2	.5	.0	2	1.3	.0	2	14.0
8-31-66	6	.0	.0	6	.0	.0	6	.0	.0	6	1.3	.4	6	3.6	1.2	6	29.3
9-21-66	6	.0	.0	6	.3	.0	6	.0	.0	6	.5	.0	6	1.7	.4	6	13.3
10-12-66	6	.0	.0	6	.2	.0	6	.0	.0	6	.7	.0	6	2.4	.4	6	20.0
11-2-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.6	.0	6	1.9	.7	6	13.3
11-29-66	6	.3	.0	6	1.1	1.0	6	8.3	7.5	6	.9	.0	6	3.0	.0	6	24.1
12-14-66	6	.0	.0	6	.0	.0	6	.0	.0	6	1.2	.0	6	4.1	.5	6	29.4
1-4-67	5	.1	.0	5	.4	.0	5	2.3	1.0	5	1.5	.0	5	4.0	.0	5	27.4
4-4-67	6	.1	.0	6	.3	.0	6	1.9	.9	6	1.3	.0	6	4.4	.7	6	26.5
4-15-67	6	.1	.0	6	.2	.0	6	1.7	.9	6	1.9	.0	6	5.4	.7	6	34.6
7-14-67	6	.4	.0	6	1.3	.6	6	7.1	3.0	6	1.1	.0	6	3.0	.7	6	21.4
11-9-67	4	.0	.0	4	.1	.0	4	.0	.0	4	.6	.0	4	2.1	.7	4	13.2
11-26-67	4	.1	.0	4	.6	.6	4	2.9	2.9	4	1.6	.0	4	5.0	.0	4	34.7

LATOSTOMUS MACROCHEILUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				CR 51 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				MN 54 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-22-66	7	36.8	5.2	7	116.6	16.5	7	821.4	116.0	7	4.4	.7	7	14.0	2.4	7	98.7	16.6						
3-15-66	9	25.4	4.1	9	81.9	12.9	9	569.0	90.8	9	4.0	.7	9	13.0	2.1	9	89.7	14.6						
4-5-66	5	15.9	3.9	5	50.4	12.3	5	354.9	86.6	5	3.8	.5	5	12.1	1.5	5	84.9	10.4						
4-26-66	5	5.9	1.7	5	18.3	5.0	5	135.8	38.6	5	3.0	.6	5	9.7	1.9	5	71.8	15.0						
5-17-66	6	7.3	2.1	6	17.3	4.7	6	167.1	50.0	6	3.2	.9	6	7.2	2.0	6	73.8	21.9						
6-7-66	5	1.0	1.0	5	3.0	3.0	5	12.9	12.9	5	3.2	.6	5	9.2	1.7	5	74.3	16.9						
6-28-66	6	10.7	3.4	6	32.9	11.7	6	294.9	82.5	6	2.4	.4	6	7.0	1.4	6	63.8	12.6						
7-19-66	3	.0	.0	3	.0	.0	3	.0	.0	3	1.6	.0	3	5.4	1.3	3	29.8	7.6						
8-10-66	2	.0	.0	2	.0	.0	2	.0	.0	2	2.3	1.5	2	5.7	3.4	2	64.6	51.9						
8-31-66	6	6.2	2.9	6	18.3	8.2	6	140.1	68.3	6	3.0	1.3	6	9.0	3.5	6	69.0	30.1						
9-21-66	6	9.3	1.1	6	31.4	4.5	6	229.4	19.6	6	2.5	.5	6	8.6	2.0	6	61.0	11.3						
10-12-66	6	27.3	4.7	6	90.0	21.2	6	755.5	154.1	6	2.4	.4	6	7.7	1.0	6	66.1	12.3						
11-2-66	6	31.5	5.1	6	94.2	16.8	6	747.9	160.4	6	3.1	.0	6	9.4	1.5	6	74.5	14.5						
11-29-66	6	29.6	3.4	6	64.6	10.3	6	516.9	62.2	6	4.2	.6	6	13.1	1.8	6	108.4	16.4						
12-14-66	6	7.3	1.3	6	31.9	5.1	6	219.2	37.3	6	2.6	.0	6	8.6	1.0	6	60.4	9.8						
1-4-67	5	10.3	1.4	5	32.0	4.7	5	180.8	14.3	5	3.6	.0	5	11.2	1.1	5	65.1	5.4						
1-24-67	6	15.5	6.6	6	55.9	24.7	6	281.7	97.5	6	2.4	.5	6	8.2	1.6	6	50.6	11.8						
2-15-67	6	9.9	4.0	6	28.8	12.7	6	201.5	80.2	6	4.2	.6	6	11.8	1.7	6	86.1	12.8						
7-14-67	6	13.6	2.5	6	48.0	9.5	6	278.3	58.0	6	2.3	.5	6	7.9	1.7	6	46.2	9.6						
4-29-67	4	66.6	17.5	4	252.1	63.9	4	1606.8	450.8	4	6.2	1.4	4	23.3	4.7	4	146.3	32.6						
4-26-67	4	32.9	3.4	4	105.7	12.8	4	652.7	58.3	4	6.2	1.1	4	20.4	2.4	4	130.1	19.6						

CATOSTOMUS MACROCHEILUS

CARCASS

LARGE FISH

DATE	MICROCURIES OF WET WEIGHT					PER GRAM ASH WEIGHT					MICROCURIES OF WET WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-22-66	0	.5	.0	0	.	.0	0	.0	.0	7	113.1	15.3	7	358.2	46.3	7	2522.5	340.2		
3-15-66	4	.2	.0	9	.1	.0	9	.0	.0	9	138.8	10.8	9	447.4	34.1	9	3107.9	239.6		
4-5-66	5	3.5	.6	5	11.2	2.0	5	78.6	14.2	5	145.6	13.4	5	354.2	42.5	5	2353.7	299.5		
4-26-66	5	2.2	1.2	5	6.7	3.4	5	52.6	26.5	5	104.3	11.6	5	329.9	31.5	5	2475.5	330.1		
5-17-66	6	3.0	1.8	5	10.1	5.3	6	69.2	43.6	6	127.4	22.8	5	343.0	64.2	6	2939.3	573.2		
6-7-66	5	3.5	1.8	5	10.4	5.2	5	78.4	41.5	5	123.8	13.0	5	362.8	32.9	5	3028.9	599.1		
6-20-66	6	.0	.3	6	1.0	1.0	6	12.7	8.0	6	85.3	19.9	6	253.1	64.2	6	2092.5	427.7		
7-19-66	3	.0	.0	3	.	.0	3	.0	.0	3	99.1	11.5	3	336.0	38.9	3	1832.3	264.2		
7-10-66	2	.0	.0	2	.	.0	2	.0	.0	2	108.2	63.5	2	270.8	146.7	2	3008.1	2312.9		
8-31-66	6	.1	.5	6	.0	.0	6	.0	.0	6	168.0	70.9	6	440.9	196.5	6	3800.5	1682.1		
9-21-66	6	.5	.8	6	.3	.0	6	.0	.0	6	78.8	8.3	6	262.0	28.0	6	1971.4	221.9		
10-12-66	6	.0	.0	6	.	.0	6	.0	.0	6	100.9	14.5	6	324.1	62.7	6	2852.8	568.0		
11-2-66	6	.0	.0	6	.0	.0	6	.0	.0	6	96.1	4.8	6	283.1	21.4	6	2264.8	294.0		
11-29-66	6	.0	.0	6	.	.0	6	.0	.0	6	109.1	9.0	6	343.9	31.3	6	2834.2	262.3		
11-14-66	6	.0	.0	6	.	.0	6	.0	.0	6	84.3	9.1	6	283.5	33.2	6	1975.9	277.0		
1-4-67	5	.0	.0	5	.	.0	5	.0	.0	5	103.5	6.1	5	321.0	22.5	5	1889.1	186.5		
1-24-67	6	.0	.0	6	.0	.0	6	.0	.0	6	78.0	13.6	6	266.9	45.8	6	1627.2	337.8		
2-15-67	6	.7	.5	6	1.0	1.3	6	13.6	9.2	6	128.5	10.2	6	362.2	33.0	6	2637.7	231.3		
7-14-67	6	4.7	1.4	6	15.5	4.5	6	94.0	30.8	6	65.6	14.4	6	222.7	48.1	6	1301.6	270.2		
7-24-67	4	2.9	2.5	4	11.6	9.1	4	76.0	61.2	4	109.5	27.4	4	420.5	104.6	4	2655.6	675.7		
8-6-67	4	0.1	3.5	4	25.7	8.8	4	166.1	62.1	4	104.8	26.2	4	346.2	58.6	4	2204.2	443.6		

B-270

CATOSTOMUS MACROCHEILUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF NO 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	7	20.6	3.7	7	65.3	11.6	7	459.7	82.0
3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	9	7.3	2.4	9	24.0	8.0	9	163.7	53.9
4- 5-66	0	.0	.0	0	.0	.0	0	.0	.0	5	8.1	.9	5	25.7	3.0	5	181.3	21.0
4-26-66	0	.0	.0	0	.0	.0	0	.0	.0	5	9.3	1.9	5	29.2	5.0	5	216.6	40.4
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	6	6.8	3.2	5	23.6	8.8	6	156.4	77.3
6- 7-66	0	.0	.0	0	.0	.0	0	.0	.0	5	5.5	3.4	5	16.3	10.1	5	127.5	86.5
6-28-66	0	.0	.0	0	.0	.0	0	.0	.0	6	2.3	1.1	6	6.8	3.0	6	68.3	31.8
7-19-66	0	.0	.0	0	.0	.0	0	.0	.0	3	3.1	3.1	3	10.5	10.5	3	58.7	58.7
8-10-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
8-31-66	0	.0	.0	0	.0	.0	0	.0	.0	6	9.8	3.7	6	28.9	10.1	6	223.7	87.5
9-21-66	0	.0	.0	0	.0	.0	0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
10-17-66	0	.0	.0	0	.0	.0	0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
11- 2-66	0	.0	.0	0	.0	.0	0	.0	.0	6	17.5	1.2	6	51.9	5.1	6	410.8	54.4
11-29-66	6	27.6	27.6	6	80.8	80.8	6	957.3	957.3	6	1.1	1.1	6	3.8	3.8	6	29.0	29.0
12-14-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
1- 4-67	5	1.3	.8	5	4.2	2.6	5	27.2	16.7	5	.0	.0	5	.0	.0	5	.0	.0
1-24-67	6	.4	.0	6	1.2	1.2	6	8.3	8.3	6	.0	.0	6	.0	.0	6	.0	.0
2-15-67	6	.4	.0	6	1.0	.6	6	7.1	4.6	6	5.7	2.6	6	16.0	7.3	6	115.2	52.7
7-14-67	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
8-29-67	4	269.7	78.2	4	1038.4	303.5	4	6566.8	2015.0	4	9.8	9.8	4	38.9	38.9	4	261.0	261.0
5-36-67	4	21.5	8.0	4	67.9	21.5	4	439.5	138.8	4	6.6	6.6	4	18.1	18.1	4	118.4	118.4

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[illegible]

CATOSTOMUS MACROCHEILUS

CARCASS

LARGE FISH

DATE	PICOGRAPHS OF									PICOGRAPHS OF								
	WET WEIGHT			BA 140			PER GRAM			WET WEIGHT			LA 140			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4- 5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6- 7-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6-18-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-19-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-10-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-31-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
9-21-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11- 2-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11-29-66	6	.0	.0	6	.0	.0	6	.0	.0	6	933.9	240.4	6	2600.8	727.1	6	23101.7	5508.8
12-14-66	6	1.2	.6	6	4.0	1.9	6	27.2	13.6	6	.8	.5	6	2.8	1.9	6	15.7	9.9
1- 4-67	5	3.7	.5	5	11.5	1.7	5	66.1	8.4	5	1.4	.6	5	4.3	1.9	5	23.0	9.5
1-14-67	6	.0	.0	6	.0	.0	6	.0	.0	6	2.1	.0	6	7.2	.7	6	42.5	6.4
2-15-67	6	.7	.7	6	2.1	2.1	6	16.7	16.7	6	.6	.0	6	1.6	.5	6	11.8	4.0
7-14-67	6	.9	.6	6	3.6	2.3	6	19.2	12.3	6	.4	.4	6	1.7	1.7	6	9.9	9.9
8-29-67	4	12.0	6.1	4	45.3	22.8	4	276.0	140.9	4	.0	.0	4	.0	.0	4	.0	.0
9-25-67	4	4.8	.6	4	16.4	2.1	4	100.9	8.1	4	1.9	.8	4	6.8	2.8	4	39.4	14.5

CATOSTOMUS MACROCHIRALIS

GUT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF WET WEIGHT					CS 157 PER GRAM ASH WEIGHT					PICOGRAPHS OF WET WEIGHT					CL-14P 144 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
2-22-66	1	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	.0	.0
3-15-66	4	.0	.0	4	.0	.0	4	.0	.0	9	71.5	52.0	4	137.0	137.0	4	192.3	192.3		
4-5-66	5	.0	.0	0	.0	.0	0	.0	.0	5	185.6	116.8	0	.0	.0	0	.0	.0		
4-26-66	4	12.0	42.0	4	165.4	165.4	3	440.0	440.0	4	60.3	60.3	4	280.1	280.1	3	867.0	867.0	307.6	
5-17-66	3	23.3	7.9	0	.0	.0	0	.0	.0	3	20.0	20.0	0	.0	.0	0	.0	.0		
6-7-66	3	7.4	5.9	3	22.9	18.5	3	36.7	27.7	3	.0	.0	3	.0	.0	3	.0	.0		
6-28-66	5	3.1	3.1	4	9.2	9.2	4	11.4	11.4	0	.0	.0	4	.0	.0	4	.0	.0		
7-12-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0		
7-19-66	3	1.7	1.7	3	4.0	4.0	3	5.2	5.2	3	.0	.0	3	.0	.0	3	.0	.0		
7-27-66	6	.9	.9	6	2.3	2.3	6	4.3	4.3	6	.0	.0	6	.0	.0	6	.0	.0		
8-4-66	5	4.5	2.1	5	14.7	6.9	5	22.6	11.0	5	.0	.0	5	.0	.0	5	.0	.0		
8-10-66	2	4.2	4.2	2	15.1	15.1	2	28.9	28.9	2	.0	.0	2	.0	.0	2	.0	.0		
8-17-66	4	.0	.0	3	.0	.0	4	.0	.0	4	.0	.0	3	.0	.0	4	.0	.0		
8-23-66	4	.0	.0	3	.0	.0	3	.0	.0	4	.0	.0	3	.0	.0	4	.0	.0		
8-31-66	1	15.8	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0		
9-1-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0		
10-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0		
11-2-66	4	.0	.0	4	.0	.0	4	.0	.0	4	207.4	207.4	4	630.4	630.4	4	852.4	852.4		
11-2-66	6	.0	.0	6	.0	.0	5	.0	.0	6	211.4	137.8	6	707.8	486.0	5	1288.0	916.3		
11-14-66	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0		
1-4-67	4	.0	.0	4	.0	.0	4	.0	.0	4	289.3	182.9	4	982.7	568.4	4	998.7	599.1		
1-24-67	4	4.3	4.3	4	24.4	24.4	4	31.1	31.1	4	444.5	250.8	4	1001.2	990.4	4	2025.0	1660.0		
1-15-67	3	.0	.0	3	.0	.0	3	.0	.0	3	321.5	160.2	3	831.8	418.1	3	1133.0	570.7		
1-14-67	6	.0	.0	6	.0	.0	5	.0	.0	6	1122.1	898.2	6	2825.6	2222.4	5	3730.2	3532.0		
1-20-67	3	.0	.0	3	.0	.0	3	.0	.0	3	1220.0	1220.0	3	3070.1	3070.1	3	9841.2	9841.2		

CATOSTOMUS MACROCHEILUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					SC 46 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					CO 60 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E		

2-22-66	2	234.5	234.5	0	.0	.0	0	.0	.0	1	67.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	.0	.0	
3-15-66	9	362.3	53.4	4	1310.7	428.8	4	2650.8	986.0	9	51.0	8.7	4	199.1	56.7	4	402.5	135.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4-5-66	5	307.9	94.4	0	.0	.0	0	.0	.0	5	35.8	9.5	0	.0	.0	0	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	
4-26-66	4	178.3	51.5	4	737.5	200.1	3	1704.0	392.4	4	.0	.0	4	.0	.0	3	.0	.0	.0	.0	.0	3	.0	.0	.0	.0	.0	.0	.0	
5-17-66	3	140.7	44.5	0	.0	.0	0	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	
6-7-66	3	59.7	30.4	3	193.4	99.6	3	307.5	160.9	3	.0	.0	3	.0	.0	3	.0	.0	.0	.0	.0	3	.0	.0	.0	.0	.0	.0	.0	
6-28-66	5	112.6	23.3	4	389.6	107.2	4	713.2	229.4	5	.0	.0	4	.0	.0	4	.0	.0	.0	.0	.0	4	.0	.0	.0	.0	.0	.0	.0	
7-12-66	1	45.8	.0	1	219.2	.0	1	602.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	.0	.0	.0	1	.0	.0	.0	.0	.0	.0	.0	
7-19-66	3	21.4	5.1	3	70.1	23.9	3	104.0	38.6	3	.0	.0	3	.0	.0	3	.0	.0	.0	.0	.0	3	.0	.0	.0	.0	.0	.0	.0	
7-27-66	6	20.4	3.5	6	69.5	13.5	6	120.6	25.3	6	.0	.0	6	.0	.0	6	.0	.0	.0	.0	.0	6	.0	.0	.0	.0	.0	.0	.0	
8-4-66	5	19.2	4.3	5	58.2	4.5	5	218.4	138.9	5	.0	.0	5	.0	.0	5	.0	.0	.0	.0	.0	5	.0	.0	.0	.0	.0	.0	.0	
8-10-66	2	10.7	4.0	2	44.6	7.9	2	258.3	150.0	2	.0	.0	2	.0	.0	2	.0	.0	.0	.0	.0	2	.0	.0	.0	.0	.0	.0	.0	
8-17-66	4	28.0	11.6	3	101.4	42.4	4	184.5	93.1	4	.0	.0	3	.0	.0	4	.0	.0	.0	.0	.0	4	.0	.0	.0	.0	.0	.0	.0	
8-25-66	4	37.0	14.2	3	139.9	26.3	3	220.3	51.5	4	2.9	1.9	3	8.9	8.9	3	12.8	12.8	.0	.0	.0	3	.0	.0	.0	.0	.0	.0	.0	
8-31-66	1	54.8	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	.0	.0	.0	0	.0	.0	.0	.0	.0	.0	.0	
9-21-66	2	165.2	78.7	2	397.9	159.7	2	510.1	218.1	2	.0	.0	2	.0	.0	2	.0	.0	.0	.0	.0	2	.0	.0	.0	.0	.0	.0	.0	
10-12-66	2	335.8	40.9	2	895.6	116.9	2	1141.2	177.9	2	.0	.0	2	.0	.0	2	.0	.0	.0	.0	.0	2	.0	.0	.0	.0	.0	.0	.0	
11-2-66	4	478.7	213.9	4	1534.6	714.1	4	2548.9	1164.4	4	.0	.0	4	.0	.0	4	.0	.0	.0	.0	.0	4	.0	.0	.0	.0	.0	.0	.0	
11-29-66	6	510.9	60.1	6	1588.3	321.7	5	1968.3	630.3	6	53.6	20.9	6	160.3	77.1	5	279.7	145.0	.0	.0	.0	5	.0	.0	.0	.0	.0	.0	.0	
12-14-66	4	287.2	34.2	4	611.8	64.8	4	785.4	70.5	4	.0	.0	4	.0	.0	4	.0	.0	.0	.0	.0	4	.0	.0	.0	.0	.0	.0	.0	
1-4-67	4	351.5	77.9	4	1011.9	160.3	4	1169.4	189.0	4	.0	.0	4	.0	.0	4	.0	.0	.0	.0	.0	4	.0	.0	.0	.0	.0	.0	.0	
1-24-67	4	411.0	161.8	4	1428.5	609.8	4	2148.3	1010.4	4	.0	.0	4	.0	.0	4	.0	.0	.0	.0	.0	4	.0	.0	.0	.0	.0	.0	.0	
2-15-67	3	653.9	213.6	3	1817.3	386.0	3	2978.8	763.6	3	37.6	22.2	3	95.4	52.9	3	130.2	72.8	.0	.0	.0	3	.0	.0	.0	.0	.0	.0	.0	
7-14-67	6	663.9	261.0	6	1911.8	630.9	5	3162.3	1342.8	6	27.3	27.3	6	67.5	67.5	5	105.1	105.1	.0	.0	.0	5	.0	.0	.0	.0	.0	.0	.0	
9-20-67	3	1886.1	1578.4	3	6432.5	3632.8	3	18426.8	9812.6	3	127.4	14.9	3	549.8	111.9	3	1748.2	419.2	.0	.0	.0	3	.0	.0	.0	.0	.0	.0	.0	

CATOSTOMUS HALBOCHEILUS

GUT CONTENT

LARGE FISH

DATE	N	PILOCORIE'S OF WET WEIGHT			CR SI WET WEIGHT			PER GRAM ASH WEIGHT			DATE	N	PILOCORIE'S OF WET WEIGHT			CR SI WET WEIGHT			PER GRAM ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N			MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
2-22-66	2	2629.5	629.4	0	..	.0	0	.0	.0	.0	2	122.4	122.4	0	.0	.0	0	.0	.0	.0	0
3-15-66	9	3898.1	435.1	4	13774.8	4711.4	4	28295.3	10919.3	9	161.5	16.1	4	656.2	249.4	4	1323.4	692.6			
4-5-66	5	2841.4	693.5	0	.0	.0	0	.0	.0	.0	5	156.8	26.9	0	.0	.0	0	.0	.0	.0	0
4-26-66	4	2714.0	716.5	4	11365.2	2997.2	3	26954.2	2842.2	4	159.9	56.5	4	686.8	241.2	3	1147.3	588.6			
5-17-66	3	1336.1	434.6	0	.0	.0	0	.0	.0	.0	3	98.4	35.0	0	.0	.0	0	.0	.0	.0	0
6-7-66	3	608.4	325.0	3	2162.5	1079.0	3	3462.1	1733.1	3	59.2	35.8	3	193.1	112.8	3	389.3	184.9			
6-28-66	5	1249.5	217.0	4	4026.2	1018.4	4	7358.0	2269.0	5	92.6	13.9	4	277.4	66.1	4	500.0	143.4			
7-12-66	1	699.5	.3	1	3302.6	.0	1	9071.2	.0	1	67.4	.0	1	323.0	.0	1	887.1	.0			
7-19-66	3	197.7	61.8	3	662.3	241.3	3	988.2	375.3	3	26.1	5.3	3	92.1	26.4	3	156.5	42.9			
7-27-66	6	156.5	14.8	6	534.0	70.9	6	933.7	143.8	6	21.7	2.2	6	75.5	11.2	6	132.1	22.1			
8-4-66	5	150.6	32.1	5	297.4	59.9	5	1041.3	638.0	5	26.2	7.0	5	78.0	10.4	5	299.1	194.2			
8-10-66	2	33.2	33.2	2	118.6	118.6	2	226.6	226.6	2	12.6	6.2	2	51.1	15.8	2	263.7	135.8			
8-17-66	4	34.1	29.7	3	125.3	71.7	4	200.1	146.7	4	42.5	11.8	3	132.7	40.0	4	263.3	93.5			
8-25-66	4	177.9	69.1	3	670.4	156.4	3	1081.4	345.7	4	29.7	6.3	3	106.5	2.0	3	168.2	26.2			
8-31-66	1	647.0	.0	0	.0	.0	0	.0	.0	.0	1	89.5	.0	0	.0	.0	0	.0	.0	.0	0
8-31-66	2	3682.0	559.5	2	9652.4	454.9	2	12239.2	960.5	2	179.2	66.8	2	435.4	131.0	2	556.5	184.0			
10-12-66	2	5670.0	1465.3	2	15176.0	3893.7	2	19145.9	4445.4	2	308.4	46.5	2	822.4	116.5	2	1048.3	175.0			
11-2-66	4	7564.7	3160.3	4	23913.1	10479.9	4	39383.5	16229.6	4	487.4	135.1	4	1490.5	463.4	4	2477.1	698.1			
11-27-66	6	7518.2	965.4	6	23452.9	4862.4	5	29415.4	9660.0	6	494.8	91.9	6	1614.9	449.0	5	1987.4	850.1			
12-14-66	4	3693.0	453.7	4	7854.3	845.0	4	9044.6	893.7	4	185.6	31.3	4	396.0	64.8	4	459.0	77.8			
1-4-67	4	4118.3	654.6	4	11876.5	1870.9	4	12821.0	1595.3	4	202.6	18.7	4	613.5	136.0	4	641.3	67.0			
1-4-67	4	3964.8	1436.5	4	13705.3	5635.5	4	20747.3	9570.2	4	323.2	115.7	4	1103.2	533.4	4	1797.0	964.4			
1-15-67	3	5681.3	1485.4	3	18084.2	4032.8	3	30937.8	10844.4	3	403.2	74.5	3	1278.2	180.9	3	2157.7	634.1			
1-14-67	6	1926.6	432.6	6	5690.3	1980.1	5	8764.2	3992.2	6	131.3	52.1	6	393.6	166.0	5	671.0	346.7			
1-16-67	3	6361.3	2285.4	3	24498.7	4721.1	3	74947.9	9662.3	3	566.5	200.7	3	2255.2	562.2	3	6921.1	1547.5			

CATOSTOMUS MACROCHEILUS

GUT CONTENT

LARGE FISH

DATE	PICOGRUES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOGRUES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-22-66	0	.0	.0	0	.0	.0	0	.0	.0	2	939.0	939.0	0	.0	.0	0	.0	.0
3-15-66	9	29.3	29.3	4	.0	.0	4	.0	.0	9	1492.0	111.4	4	5939.4	1015.0	4	12170.5	4392.8
4-5-66	5	143.6	26.1	0	.0	.0	0	.0	.0	5	2468.9	414.3	0	.0	.0	0	.0	.0
4-26-66	4	206.0	35.6	4	1197.2	160.0	3	2507.3	195.8	4	1650.0	241.3	4	6859.3	934.0	3	14094.0	1951.9
5-17-66	3	148.7	37.9	0	.0	.0	0	.0	.0	3	1010.9	142.7	0	.0	.0	0	.0	.0
6-7-66	3	125.6	55.5	3	404.8	186.4	3	654.4	294.7	3	551.6	246.6	3	1778.3	825.5	3	2869.5	1307.4
6-28-66	5	143.2	19.4	4	453.2	113.6	4	799.5	226.9	5	907.6	109.4	4	2923.5	624.4	4	5187.8	1332.6
7-12-66	1	100.5	.0	1	481.4	.0	1	1322.2	.0	1	354.1	.0	1	1090.1	.0	1	4058.6	.0
7-19-66	3	39.6	6.1	3	126.3	33.8	3	189.7	55.7	3	217.6	26.4	3	690.8	158.5	3	1016.2	268.5
7-27-66	6	35.0	4.0	6	120.9	19.8	6	213.7	40.0	6	139.5	14.6	6	470.4	62.9	6	825.3	126.1
8-4-66	5	40.9	4.8	5	134.1	16.5	5	564.8	368.1	5	232.2	54.2	5	722.5	114.4	5	2882.9	1940.6
8-10-66	2	33.9	5.3	2	148.7	8.8	2	1025.7	758.2	2	100.8	11.1	2	482.3	54.1	2	3447.1	2628.7
8-17-66	4	60.6	15.3	3	217.0	51.6	4	415.5	125.1	4	169.1	29.9	3	565.1	79.9	4	1035.7	242.6
8-25-66	4	51.5	15.5	3	191.7	10.4	3	298.9	35.4	4	190.8	34.0	3	607.5	59.4	3	1047.1	154.1
8-31-66	1	118.1	.0	0	.0	.0	0	.0	.0	1	627.4	.0	0	.0	.0	0	.0	.0
9-21-66	2	208.8	101.7	2	502.4	207.7	2	644.3	283.0	2	1073.4	913.5	2	4500.5	1865.4	2	5779.8	2541.3
10-12-66	2	447.0	30.5	2	1194.6	92.5	2	1514.1	78.1	2	2197.0	340.0	2	5858.6	853.1	2	7468.3	1276.2
11-2-66	4	690.2	105.7	4	1883.3	674.2	4	3193.1	1176.0	4	3134.7	925.6	4	9724.2	3288.0	4	10306.1	5351.5
11-9-66	6	603.5	89.5	6	1949.4	493.8	5	2324.6	881.9	6	2040.8	131.8	6	6187.0	918.9	5	7622.4	1813.6
12-14-66	4	277.7	35.0	4	592.0	68.7	4	684.1	80.8	4	1348.7	105.9	4	2874.2	165.2	4	3315.9	162.1
1-4-67	4	378.2	56.4	4	1079.1	144.0	4	1165.2	100.6	4	1340.5	100.3	4	4070.0	918.7	4	4239.9	407.0
1-14-67	4	353.8	117.4	4	1225.3	473.9	4	1839.1	818.8	4	1721.0	492.6	4	5841.6	1975.0	4	8646.0	3432.4
2-15-67	3	399.0	89.3	3	1274.1	251.4	3	2175.7	735.2	3	3055.3	608.6	3	9080.1	1505.0	3	10363.0	4957.5
7-14-67	6	210.1	77.9	6	620.2	255.7	5	1058.2	532.7	6	616.2	181.0	6	1013.0	569.7	5	2902.4	1102.5
9-20-67	3	183.6	96.1	3	936.2	515.5	3	3142.4	1709.9	3	1869.7	703.6	3	7484.5	2241.4	3	22943.9	6723.4

CATOSTOMUS MACROCHEILUS

GUT CONTENT

LARGE FISH

DATE	PILCHURIDS OF			HP 239			PER GRAM			PILCHURIDS OF			RO-RH 100			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	0	.0	.0	0	.	.0	0	.0	.0	2	537.6	537.6	0	.0	.0	0	.0	.0
3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	4	654.9	71.5	4	2367.2	852.0	4	4793.1	1927.7
4-5-66	0	.0	.0	0	.	.0	0	.0	.0	5	84.4	84.4	0	.0	.0	0	.0	.0
4-26-66	0	.0	.0	0	.0	.0	0	.0	.0	4	157.9	157.9	4	590.0	599.0	3	1407.8	1407.8
5-17-66	0	.0	.0	0	.	.0	0	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0
6-7-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
6-28-66	0	.0	.0	0	.	.0	0	.0	.0	5	.0	.0	4	.0	.0	4	.0	.0
7-12-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-19-66	0	.0	.0	0	.	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
7-27-66	0	.0	.0	0	.	.0	0	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
8-4-66	0	.0	.0	0	.	.0	0	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0
8-10-66	0	.0	.0	0	.	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
8-17-66	0	.0	.0	0	.	.0	0	.0	.0	4	.0	.0	3	.0	.0	4	.0	.0
8-25-66	0	.0	.0	0	.	.0	0	.0	.0	4	.0	.0	3	.0	.0	3	.0	.0
8-31-66	0	.0	.0	0	.	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
9-11-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
11-2-66	0	.0	.0	0	.	.0	0	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0
11-19-66	0	74.0	49.1	6	161.1	104.4	5	228.9	143.7	6	989.2	257.9	6	2816.0	952.9	5	4717.1	1704.6
11-19-66	0	123.5	21.0	4	261.2	42.4	4	299.3	43.5	4	324.7	196.2	4	720.0	427.4	4	867.1	509.8
1-4-67	4	868.8	657.0	4	2125.0	1305.0	4	2459.2	1596.3	4	402.4	232.7	4	1516.7	960.0	4	1438.7	836.5
1-4-67	4	117.7	69.7	4	349.0	217.9	4	456.7	296.3	4	559.5	559.5	4	2436.0	2436.0	4	4225.7	4025.7
1-15-67	3	75.0	30.2	3	290.0	173.4	3	560.1	383.5	3	242.7	242.7	3	697.0	697.0	3	937.4	937.4
7-14-67	0	2215.3	1781.0	6	5577.0	4407.3	5	7383.2	7002.4	6	1450.6	1103.9	6	3664.7	2731.0	5	4745.0	4342.1
7-16-67	3	1136.3	699.1	3	3836.0	2587.7	3	10862.1	6841.0	3	3409.2	2472.9	3	11629.1	6847.3	3	35348.7	17449.0

CATOSTOMUS MACROCHEILUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
2-22-66	2	76.7	76.7	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
3-15-66	7	192.5	69.3	4	425.1	163.3	4	837.5	346.6	0	.0	.0	0	.0	.0	0	.0	.0
4-5-66	5	64.6	10.4	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	4	1041.0	917.1	4	4128.2	3599.3	3	10654.1	9560.4	4	208.8	28.1	4	875.0	128.7	3	1830.3	181.7
5-17-66	3	101.6	56.2	0	.0	.0	0	.0	.0	3	115.2	28.1	0	.0	.0	0	.0	.0
6-7-66	3	27.2	14.6	3	88.5	48.5	3	141.3	79.2	3	198.4	103.5	3	644.1	342.0	3	1026.4	555.6
6-28-66	5	48.1	8.4	4	142.0	42.0	4	244.4	72.3	5	229.9	47.3	4	720.3	247.4	4	1244.5	451.3
7-12-66	1	32.2	.0	1	154.4	.0	1	424.0	.0	1	87.1	.0	1	417.3	.0	1	1146.2	.0
7-19-66	3	12.5	1.8	3	49.5	10.4	3	59.9	17.2	3	17.4	2.5	3	56.1	14.3	3	82.9	23.8
7-27-66	6	12.0	2.6	6	39.6	6.9	6	66.7	9.3	6	13.3	5.3	6	46.9	20.2	6	85.7	37.4
8-4-66	5	9.7	4.3	5	31.0	10.0	5	144.5	106.7	5	26.0	3.6	5	95.7	25.9	5	450.5	327.9
8-10-66	2	0.7	0.7	2	24.1	24.1	2	46.0	46.0	2	18.5	3.7	2	80.5	1.2	2	538.2	386.4
8-17-66	4	27.8	5.5	3	87.3	23.2	4	173.0	34.8	4	34.5	6.8	3	109.1	22.5	4	213.9	51.4
8-25-66	4	14.0	2.1	3	49.3	3.7	3	79.1	16.6	4	20.6	7.2	3	83.3	4.1	3	151.2	19.8
8-31-66	1	49.9	.0	0	.0	.0	0	.0	.0	1	113.7	.0	0	.0	.0	0	.0	.0
9-21-66	2	69.2	33.2	2	166.7	67.4	2	213.8	92.0	2	291.9	171.9	2	695.3	365.1	2	894.8	489.9
10-12-66	2	86.5	7.9	2	230.8	19.0	2	293.8	31.8	2	735.6	54.1	2	1965.8	162.9	2	2491.1	142.1
11-2-66	4	249.7	74.1	4	793.5	299.7	4	1400.7	614.7	4	448.2	139.0	4	1399.9	497.2	4	2356.6	627.8
12-20-66	6	311.4	34.2	6	926.8	134.1	5	1188.5	287.6	0	.0	.0	0	.0	.0	0	.0	.0
12-14-66	4	124.0	14.0	4	263.9	24.7	4	305.0	28.6	0	.0	.0	0	.0	.0	0	.0	.0
1-4-67	4	128.2	48.0	4	432.9	194.7	4	435.1	169.6	0	.0	.0	0	.0	.0	0	.0	.0
1-14-67	4	181.2	68.8	4	662.6	328.9	4	1035.1	599.7	0	.0	.0	0	.0	.0	0	.0	.0
2-15-67	3	173.7	12.7	3	564.4	80.2	3	956.4	292.7	0	.0	.0	0	.0	.0	0	.0	.0
7-14-67	6	551.9	416.7	6	1399.7	1029.7	5	1812.3	1636.4	0	.0	.0	0	.0	.0	0	.0	.0
9-20-67	3	1541.2	1368.0	3	4890.4	3994.2	3	13511.7	10521.1	0	.0	.0	0	.0	.0	0	.0	.0

CRISTOMU, MACROCHEILUS

GUT CONTENT

LARGE FISH

DATE	PICOGRAPHS OF					LA 140					PER GRAM					PICOGRAPHS OF					LA 140					PER GRAM				
	WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT		
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E		

2-22-66	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
3-15-66	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
4-5-66	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
4-26-66	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
5-17-66	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
6-7-66	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
6-28-66	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
7-12-66	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
7-19-66	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
7-27-66	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
8-4-66	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
8-10-66	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
8-17-66	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
8-25-66	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
8-31-66	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
9-21-66	9	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
10-12-66	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
10-20-66	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
10-21-66	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
11-14-66	4	65.8	65.8	4	137.2	137.2	4	151.0	151.0	4	1065.3	161.2	6	3442.4	876.7	5	3426.3	1363.7												
11-14-66	4	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
11-14-66	4	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
11-14-66	4	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
11-15-66	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
11-14-67	6	734.2	631.1	6	1839.0	1502.7	5	2480.0	2480.0	6	9967.8	7425.3	6	25431.9	18267.0	5	35004.7	8763.2												
11-14-67	3	975.3	778.5	3	3272.0	2241.8	3	9244.9	5922.1	3	784.3	410.3	3	2972.2	1108.0	3	6886.0	3277.0												

CYPRINUS CARPIO

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137					PER GRAM ASH WEIGHT					PICOCURIES OF CE-PR 144					PER GRAM ASH WEIGHT				
	WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT		
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

8-4-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0
8-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0

CYPRINUS CARPIO

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF			SC 46			PER GRAM			PICOGRAPHS OF			CO 60			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

0-4-66	1	.4	.0	1	.	.0	1	.0	.0	1	.2	.0	1	.5	.0	1	4.3	.0
0-17-66	1	.9	.0	1	.	.0	1	.0	.0	1	.3	.0	1	1.0	.0	1	7.0	.0

CYPRINUS CARPIO

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CH 51						PER GRAM						PICOCURIES OF MN 54						PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			

8- 4-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0			
6-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0			

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CYPRINUS CARPIO

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PTR GRAN ASH WEIGHT			PICOCURIES OF WET WEIGHT			Zn 65 DRY WEIGHT			PER GRAN ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S L	N	MEAN	S E

6-4-66	1	.0	.0	1	.0	.0	1	.0	.0	1	132.7	.0	1	422.5	.0	1	3094.5	.0
6-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	73.6	.0	1	212.1	.0	1	1764.5	.0

CYPRINUS CARPIO

ENTIRE MEAS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF NP 239								PICOGRAPHS OF RU-RH 106							
	WET WEIGHT				DRY WEIGHT				WET WEIGHT				DRY WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
0-4-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1

CYPRINUS CARPIO

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-95						PICOCURIES OF BA-LA 140						PER GRAM					
	WET WEIGHT	DRY WEIGHT		PER GRAM		ASH WEIGHT	WET WEIGHT	DRY WEIGHT		PER GRAM		ASH WEIGHT	WET WEIGHT	DRY WEIGHT		PER GRAM		ASH WEIGHT
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
5-4-66	1	.2	.2	1	.4	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-17-66	2	.2	.2	1	.4	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

CYPRINUS CARPIO

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF			BA 140			PER GRAM			PICOGRAPHS OF			LA 140			PER GRAM		
	WET	WEIGHT		WET	WEIGHT		WET	WEIGHT		WET	WEIGHT		WET	WEIGHT		WET	WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

U- 4-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
R-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

DATE	LUPINUS (A.P.10)										MUSCLE										LARGE FISH									
	PICOGRAPHS UP					C, 137					PER GRAM					PICOGRAPHS OF					CE-ME 144					PER GRAM				
	WET WEIGHT					DRY WEIGHT					WET WEIGHT					WET WEIGHT					DRY WEIGHT					WET WEIGHT				
	n	MEAN	S E	N		n	MEAN	S E	N		n	MEAN	S E	N		n	MEAN	S E	N		n	MEAN	S E	N		n	MEAN	S E	N	
4-5-66	1	.7	.0	1		3.1	3.1	.0	1		67.3	.0	1		1	.0	.0	1		1	.0	.0	1		1	.0	.0	1		.0
4-28-66	2	.2	.0	2		1.0	1.0	1.0	2		19.4	19.4	2		2	.0	.0	2		2	.0	.0	2		2	.0	.0	2		.0
5-17-66	2	.0	.0	2		.1	.1	.0	2		2.5	2.5	2		2	.0	.0	2		2	.0	.0	2		2	.0	.0	2		.0
6-7-66	1	.0	.0	1		.0	.0	.0	1		.0	.0	1		1	.0	.0	1		1	.0	.0	1		1	.0	.0	1		.0
7-19-66	1	.5	.0	1		2.4	2.4	.0	1		44.1	.0	1		1	.0	.0	1		1	.0	.0	1		1	.0	.0	1		.0
8-10-66	1	.6	.0	1		2.7	2.7	.0	1		55.7	.0	1		1	.0	.0	1		1	.0	.0	1		1	.0	.0	1		.0
9-21-66	1	.5	.0	1		1.6	1.6	.0	1		27.3	.0	1		1	.0	.0	1		1	.0	.0	1		1	.0	.0	1		.0

CYPRINUS CARPIO

MUSCLE

LARGE FISH

DATE	PICOCURIES OF SC 46						PICOCURIES OF CO 60						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

4- 5-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.2	.0	1	.9	.0	1	17.1	.0
4-26-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
5-17-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
6- 7-66	1	.9	.0	1	.0	.0	1	.0	.0	1	.2	.0	1	.9	.0	1	16.3	.0
7-19-66	1	.9	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

CPRJID> APTD	MUSCLE										LARGE FISH									
	TITULUS OF					PFC GRAM					PFC GRAM					PFC GRAM				
	DRY WEIGHT					ASH WEIGHT					ASH WEIGHT					ASH WEIGHT				
	ACT	MEAN	S F	MEAN	S F	ACT	MEAN	S F	MEAN	S F	ACT	MEAN	S F	MEAN	S F	ACT	MEAN	S F	MEAN	S F
0/66	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0
1-20-66	2	.0	.0	2	.0	2	.0	.0	2	.0	2	.0	.0	2	.0	2	.0	.0	2	.0
1-17-66	2	.0	.0	2	.0	2	.0	.0	2	.0	2	.0	.0	2	.0	2	.0	.0	2	.0
1-7-66	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0
1-13-66	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0
1-10-66	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0
1-1-66	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0	1	.0	.0	1	.0

CYPRINUS CARPIO

MUSCLE

LARGE FISH

DATE	PICOCURIES OF FL 59									PICOCURIES OF ZN 65								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

4- 5-66	1	.0	.0	1	.0	.0	1	.0	.0	1	59.0	.0	1	270.9	.0	1	5837.9	.0
4-26-66	2	2.7	2.7	2	14.0	14.0	2	262.1	262.1	2	48.1	2.8	2	248.5	13.0	2	4764.1	143.2
5-17-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.2	.0	2	1.0	1.0	2	24.3	24.3
6- 7-66	1	1.0	.0	1	4.8	.0	1	91.1	.0	1	23.3	.0	1	110.4	.0	1	2076.5	.0
7-19-66	1	1.5	.0	1	7.3	.0	1	132.7	.0	1	30.0	.0	1	140.6	.0	1	2679.7	.0
8-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	75.2	.0	1	332.9	.0	1	6892.7	.0
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	21.0	.0	1	111.7	.0	1	1873.7	.0

DATE	LITMUS CAMP										MUSCLE										LARGE FISH									
	PILGRIMS OF					LA 140					PER GRAM					LA 140					PER GRAM					LA 140				
	PILGRIMS OF					LA 140					PER GRAM					LA 140					PER GRAM					LA 140				
	WET	MEAN	S	E	N	WET	MEAN	S	E	N	WET	MEAN	S	E	N	WET	MEAN	S	E	N	WET	MEAN	S	E	N	WET	MEAN	S	E	N
4-5-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-26-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-17-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-7-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7-19-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-10-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-21-60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CYPRINUS CARPIO

CARCASS

LARGE FISH

DATE	PICOCURIES OF CR 51						PER GRAM			PICOCURIES OF MN 54						PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH	WEIGHT		WET WEIGHT			DRY WEIGHT			ASH	WEIGHT	
	N	MEAN	S E	N	MEAN	S E		N	MEAN	S E	N	MEAN	S E	N	MEAN		S E	

4- 5-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	
4-26-66	2	14.8	1.8	2	57.6	10.0	2	290.9	27.9	2	.0	.0	2	.0	.0	2	.0	
5-17-66	2	1.3	.0	2	3.3	1.7	2	31.0	15.9	2	.0	.0	2	.1	.0	2	.9	
6- 7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	
7-19-66	1	.0	.0	1	.1	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	
8-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	1.5	.0	1	5.7	.0	1	51.0	

CYPRINUS CARPIO

CARPPIUS

LARGE FISH

DATE	PICOGRAPHS OF DRY WEIGHT				FLWG PER GRAM				PICOGRAPHS OF WET WEIGHT				ZINC PER GRAM					
	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.	N	MEAN	S.E.
4-5-66	1	27.6	.0	1	84.8	.0	1	546.0	.0	1	343.8	.0	1	171.5	.0	1	689.2	.0
4-28-66	2	15.6	.0	2	39.0	.0	2	215.3	.0	2	295.7	.0	2	1156.9	.0	2	5891.0	1104.1
5-17-66	2	.0	.0	2	.0	.0	2	.0	.0	2	1.1	.0	2	2.6	.0	2	26.5	16.6
6-7-66	1	8.2	.0	1	24.0	.0	1	156.9	.0	1	229.9	.0	1	669.8	.0	1	4377.0	.0
7-19-66	1	11.4	.0	1	80.7	.0	1	219.2	.0	1	353.1	.0	1	1200.2	.0	1	6463.8	.0
8-18-66	1	567.5	.0	1	1566.4	.0	1	6313.2	.0	1	2254.0	.0	1	6235.3	.0	1	3707.2	.0
9-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	303.0	.0	1	1140.4	.0	1	6214.0	.0

CYPRINUS CARPIO	CARCASS										LARGE FISH									
	PICOCURIES OF					PER GRAM					PICOCURIES OF					PER GRAM				
	NP 239					DRY WEIGHT					RU-RH 106					DRY WEIGHT				
	NET WEIGHT	MEAN	S E	N	MEAN	NET WEIGHT	MEAN	S E	N	MEAN	NET WEIGHT	MEAN	S E	N	MEAN	NET WEIGHT	MEAN	S E	N	MEAN
DATE	N	MEAN	S E	N	MEAN	N	MEAN	S E	N	MEAN	N	MEAN	S E	N	MEAN	N	MEAN	S E	N	MEAN
4-5-66	0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.0	.0	1	108.0	.0	.0	1	.0	595.2
4-20-66	0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.0	.0	2	43.2	.0	.0	2	.0	238.5
5-17-66	0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.0	.0	2	.0	.0	.0	2	.0	.0
6-7-66	0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.0	.0	1	38.2	.0	.0	1	.0	249.4
7-19-66	0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.0	.0	1	113.4	.0	.0	1	.0	510.0
8-10-66	0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.0	.0	1	2270.5	.0	.0	1	.0	13499.6
9-21-66	0	.0	.0	0	.0	.0	.0	.0	0	.0	.0	.0	.0	1	.0	.0	.0	1	.0	.0

[illegible]

CYPRINUS A. P10	GUT CONTENT									
	PICOCHILIDS OF					LARGE EELS				
	WET WEIGHT	MEAN	S E	N	MEAN	PER GRAM	WET WEIGHT	MEAN	S E	N
DATE	PICOCHILIDS OF					LARGE EELS				
	WET WEIGHT	MEAN	S E	N	MEAN	PER GRAM	WET WEIGHT	MEAN	S E	N
	WET WEIGHT	MEAN	S E	N	MEAN	PER GRAM	WET WEIGHT	MEAN	S E	N
5-5-66	1	20.4	0.0	1	0.0	0.0	1	0.0	0.0	1
5-17-66	1	20.4	0.0	1	0.0	0.0	1	0.0	0.0	1
5-27-66	1	18.5	0.0	1	0.0	0.0	1	0.0	0.0	1
7-19-66	1	18.5	0.0	1	0.0	0.0	1	0.0	0.0	1
8-4-66	1	18.5	0.0	1	0.0	0.0	1	0.0	0.0	1
8-10-66	1	18.5	0.0	1	0.0	0.0	1	0.0	0.0	1

CAPTIVITY CAPTIO		GUT CONTENT				LARGE FISH				PLOCUMIES OF				P L R GRAM			
DATE	ID	PLOCUMIES, IF S OF		CR 54		PTR GRAM		ASH WEIGHT		WLT		PLOCUMIES OF		MR 54		P L R GRAM	
		WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT	WEIGHT
		MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E
4-5-66	1	781.1	.0	.0	.0	.0	.0	.0	.0	302.8	.0	.0	.0	.0	.0	.0	.0
4-17-66	1	860.9	.0	.0	.0	.0	.0	.0	.0	66.1	.0	.0	.0	.0	.0	.0	.0
7-7-66	1	1587.0	.0	5182.7	.0	21567.5	.0	.0	.0	56.6	.0	.0	.0	211.0	.0	861.7	.0
7-19-66	1	109.2	.0	835.6	.0	1888.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7-4-66	1	84.9	.0	466.3	.0	5281.3	.0	.0	.0	13.1	.0	.0	.0	72.2	.0	817.0	.0
7-10-66	1	62.2	.0	209.7	.0	638.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

CYPRINIDAE (ALBU)	GUT CONTENT										LARGE FISH									
	QUANTITIES OF					PER GRAM					QUANTITIES OF					PER GRAM				
	WEI	WEIGHT	OF	DRY	WEIGHT	MP 239	WEIGHT	PER	GRAM	WEIGHT	WEI	WEIGHT	OF	DRY	WEIGHT	MP 239	WEIGHT	PER	GRAM	WEIGHT
DATE	MEAN		S L U		MEAN	S E N		MEAN	S E N		MEAN		S E N		MEAN	S E N		MEAN	S E N	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-1-66	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-17-66	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-18-66	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-19-66	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-20-66	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1-21-66	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

RICHARDSONIUS BALTEATUS

ENTIRE VIVIPUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF CS 137					PER GRAM ASH WEIGHT					PICOCURIES OF CE-PR 144					PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
3-9-66	3	18.6	1.8	3	82.1	8.1	3	577.0	57.0	3	.0	.0	3	.0	.0	3	.0	.0		
4-30-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		
4-20-66	3	17.5	.0	3	75.1	1.4	3	522.0	29.0	3	.0	.0	3	.0	.0	3	.0	.0		
5-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0		
5-31-66	3	7.8	4.3	3	34.1	18.7	3	104.9	83.0	3	.0	.0	3	.0	.0	3	.0	.0		
6-21-66	2	6.3	.9	2	28.2	3.9	2	171.3	16.2	2	.0	.0	2	.0	.0	2	.0	.0		
7-12-66	2	2.8	2.9	2	11.9	11.9	2	84.2	84.2	2	.0	.0	2	.0	.0	2	.0	.0		
8-3-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		
8-26-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0		
8-29-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0		
9-2-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0		
9-6-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		
9-14-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		
10-5-66	3	7.2	3.0	3	30.6	15.5	3	229.4	115.0	3	.0	.0	3	.0	.0	3	.0	.0		
11-20-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		
11-10-66	4	8.6	2.9	4	34.0	11.8	4	288.1	96.7	4	.0	.0	4	.0	.0	4	.0	.0		
12-7-66	3	2.8	2.0	3	11.4	11.4	3	87.3	87.3	3	.0	.0	3	.0	.0	3	.0	.0		
12-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0		
1-17-67	3	7.6	3.8	3	34.1	17.1	3	235.8	119.3	3	.0	.0	3	.0	.0	3	.0	.0		
2-7-67	3	2.9	2.9	3	13.0	13.0	3	89.9	89.9	3	.0	.0	3	.0	.0	3	.0	.0		
3-1-67	3	12.0	.0	3	50.7	7.0	3	338.9	37.0	3	.0	.0	3	.0	.0	3	.0	.0		
4-2-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		
5-12-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		
6-3-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0		

RICHARDSONIUS BALTEATUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF WET WEIGHT					CR 51 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOGRAPHS OF WET WEIGHT					MN 54 DRY WEIGHT					PER GRAM ASH WEIGHT					
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
3-9-66	3	24.5	24.5	3	108.3	108.3	3	761.6	761.6	3	5.7	5.7	3	25.0	25.0	3	175.6	175.6													
4-30-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
4-20-66	3	.0	.0	3	.0	.0	3	.0	.0	3	5.0	5.0	3	20.8	20.8	3	174.7	174.7													
5-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0													
5-31-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
6-21-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0													
7-12-66	7	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0													
8-3-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
8-26-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0													
8-29-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0													
9-2-66	2	38.4	7.1	2	169.6	31.3	2	1192.3	220.4	2	.0	.0	2	.0	.0	2	.0	.0													
9-6-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
9-14-66	3	14.3	14.3	3	72.4	72.4	3	511.7	511.7	3	.0	.0	3	.0	.0	3	.0	.0													
10-5-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
10-26-66	3	39.5	20.2	3	161.9	83.2	3	1324.0	689.0	3	.0	.0	3	.0	.0	3	.0	.0													
11-10-66	4	17.2	17.2	4	69.6	69.6	4	565.9	565.9	4	.0	.0	4	.0	.0	4	.0	.0													
12-7-66	3	17.1	17.1	3	67.6	67.6	3	534.1	534.1	3	.0	.0	3	.0	.0	3	.0	.0													
12-26-66	1	42.9	.0	1	186.9	.0	1	1235.6	.0	1	.0	.0	1	.0	.0	1	.0	.0													
1-17-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
1-7-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
1-1-67	3	14.7	14.7	3	67.3	67.3	3	476.3	476.3	3	.0	.0	3	.0	.0	3	.0	.0													
1-2-67	3	7.0	7.0	3	34.2	34.2	3	227.6	227.6	3	1.6	1.6	3	7.2	7.2	3	47.9	47.9													
1-12-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													
1-3-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0													

RICHARDSONIUS HALTEATUS

ENTIRE PLUS OUT CONTENT SMALL FISH

DATE	MICROCURIES OF NET WEIGHT					PER GRAM ASH WEIGHT					MICROCURIES OF NET WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN
4-9-66	2	1.0	1.0	0	1.0	1.0	0	1.0	1.0	3	771.3	40.9	3	3404.9	180.0	3	25943.5	1270.2		
5-30-66	2	1.0	1.0	3	1.0	1.0	3	1.0	1.0	7	512.5	40.4	3	2152.3	129.1	3	14054.7	755.2		
6-14-66	2	1.1	1.0	3	1.0	9.9	3	1206.4	29.0	3	4.5	5.4	3	1771.0	1.1	3	1741.0	7.0		
6-18-66	1	28.4	1.1	1	125.3	1.0	1	801.3	1.0	1	136.7	1.0	1	603.3	1.1	1	4243.5	1.1		
6-21-66	3	50.5	1.1	3	16.1	24.7	3	671.4	260.2	3	392.4	32.8	3	1745.7	130.1	3	9240.1	1528.4		
6-1-66	2	7.1	1.0	2	12.3	15.5	2	732.5	61.0	2	261.6	15.0	2	1103.3	61.7	2	711.1	50.6		
7-12-66	2	17.1	1.7	2	72.5	4.0	2	557.6	72.7	2	256.8	10.4	2	1003.4	56.3	2	8461.7	1064.3		
7-3-66	3	18.8	1.8	3	83.3	4.8	3	572.3	42.1	3	139.5	7.0	3	615.5	40.5	3	4242.1	645.8		
7-10-66	1	1.5	1.1	1	1.1	1.0	1	1.0	1.0	1	26.0	1.0	1	114.0	1.1	1	804.2	1.0		
7-14-66	2	27.3	1.1	2	12.7	4.5	2	848.7	37.0	2	62.0	7.5	2	273.7	35.1	2	1974.6	232.8		
7-26-66	2	25.4	1.2	2	112.3	5.4	2	787.2	38.2	2	130.2	17.0	2	574.8	77.7	2	4091.7	546.3		
7-30-66	2	31.1	3.1	3	146.2	15.6	3	1125.8	143.3	3	231.5	15.1	3	1388.3	78.4	3	8375.7	801.7		
7-4-66	3	1.7	1.1	3	147.3	36.1	3	1103.8	282.3	3	348.4	27.2	3	1779.5	207.0	3	10271.3	1655.4		
7-11-66	2	1.4	1.1	3	149.5	14.0	3	1146.5	87.5	3	445.1	70.4	3	1054.5	362.0	3	15170.5	3236.5		
7-16-66	3	1.6	1.0	3	173.5	13.6	3	1316.3	200.1	3	425.0	14.4	3	1036.0	73.0	3	10071.9	1084.1		
7-20-66	1	37.4	1.1	4	151.3	20.0	4	1219.4	196.7	4	440.2	42.4	4	1813.9	174.7	4	14575.1	1813.0		
7-24-66	3	19.5	1.5	3	117.7	16.8	3	922.3	138.9	3	466.0	20.0	3	1802.4	55.5	3	14571.2	579.7		
7-27-66	1	24.5	1.0	1	122.9	1.0	1	833.4	1.0	1	448.9	1.0	1	1934.9	1.0	1	10210.2	1.0		
7-28-66	2	50.0	1.3	3	159.7	8.7	3	1079.0	92.0	3	397.3	7.7	3	1780.5	50.1	3	12000.4	980.4		
7-29-66	2	33.1	8.3	3	167.1	35.1	3	1167.4	220.0	3	419.1	24.0	3	1802.5	159.1	3	12972.3	995.9		
7-30-66	2	31.1	1.1	3	156.1	16.2	3	1040.0	100.6	3	346.9	31.2	3	1742.9	140.1	3	11718.5	1245.2		
7-31-66	2	16.5	1.1	3	74.1	5.2	3	480.4	30.2	3	462.4	20.2	3	2084.2	42.0	3	10402.2	535.1		
7-31-66	3	23.6	2.2	3	139.8	14.2	3	829.6	92.0	3	363.6	11.0	3	1003.8	35.3	3	10160.0	308.0		
7-31-66	3	12.1	1.5	3	87.7	6.4	3	521.1	58.7	3	365.9	23.7	3	1003.4	108.1	3	7520.1	1037.2		

RICHARDSONIUS BALTEATUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF NP 239						PER GRAM						PICOCURIES OF RU-RH 106						PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			

3- 9-66	0	.0	.0	0	.0	.0	0	.0	.0	3	195.1	25.7	3	801.3	113.4	3	6056.8	797.6									
3-30-66	0	.0	.0	0	.0	.0	0	.0	.0	3	126.0	66.3	3	510.7	264.4	3	3011.8	1844.7									
4-20-66	0	.0	.0	0	.0	.0	0	.0	.0	3	214.9	10.8	3	920.0	38.7	3	6768.0	127.0									
5-10-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0									
5-31-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
6-21-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0									
7-12-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0									
8- 3-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
8-26-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0									
8-29-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0									
9- 2-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0									
9- 6-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
9-14-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
10- 5-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
10-26-66	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
11-16-66	0	.0	.0	0	.0	.0	0	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0									
12- 7-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
12-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0									
1-17-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
2- 7-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
3- 1-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
3-22-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
4-12-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									
5- 3-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0									

RICHARDSON'S BALTEATUS

MIDDLE

LARGE FISH

DATE	N	PICOGRAPHS OF CS 137			PER GRAM			N	N	PICOGRAPHS OF CL-PR 104			PER GRAM			N	N
		WET WEIGHT	DRY WEIGHT	MEAN	SE	MEAN	SE			WET WEIGHT	DRY WEIGHT	MEAN	SE	MEAN	SE		
11-12-66	1	.3	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0
12-14-66	1	.	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0

RICHARDSONIUS BALTEATUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF					SC 40					PER GRAM					PICOCURIES OF					SC 60					PER GRAM				
	WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N					
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****					
12-12-60	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1					
12-14-60	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1					

RICHARDSONIUS BALTEATUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF CR 51						PER GRAM						PICOCURIES OF MN 54					
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
12-12-60	1	13.9	.0	1	59.1	.0	1	1449.4	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-14-60	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RICHARDSONIUS BALTEATUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
1'-12-66	1	8.6	.0	1	36.6	.0	1	896.4	.0	1	27.4	.0	1	116.4	.0	1	2853.1	.0
1'-14-66	1	7.0	.0	1	32.5	.0	1	650.4	.0	1	23.1	.0	1	107.1	.0	1	2145.4	.0

RICHARDSONIUS BALTEATIS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RICHARDSONIUS BALTEATUS

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF ZN-65 PER GRAM									PICOGRAPHS OF BA-140 PER GRAM								
	NET WEIGHT			DRY WEIGHT			ASH WEIGHT			NET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
11-12-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RICHARDSONIUS BALTEATUS

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF									BA 140									PER GRAM									PICOGRAPHS OF									LA 140									PER GRAM																																																											
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT																																																														
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E																																																																					
*****	*****																																			*****																																			*****																																		
10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0																																																																					
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0																																																																					

RICHARDSON'S BALTEATUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF			CS 137			PER GRAM			PICOCURIES OF			CE-PR 144			PER GRAM		
	NET WEIGHT			DRY WEIGHT			ASH WEIGHT			NET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
10-12-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
10-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RICHARDSONIUS BALTEATUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					SC 46 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					CO 60 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
10-12-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-14-66	1	.9	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RICHARDSONIUS BALTEATUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF									FE 59									PER GRAM									PICOCURIES OF									ZN 65									PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT																				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E																					
*****	*****																																																					
10-12-66	1	18.5	.0	1	53.2	.0	1	418.4	.0	1	84.9	.0	1	243.9	.0	1	1910.2	.0																																				
12-14-66	1	13.4	.0	1	45.6	.0	1	326.3	.0	1	65.3	.0	1	222.4	.0	1	1591.7	.0																																				

RICHARDSONIUS BALTEATUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF NP 239			PER GRAM			PICOCURIES OF RU-RH 106			PER GRAM		
	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0
10-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RICHARDSONIUS BALTEATUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
10-12-66	1	.0	.0	1	.0	.0	1	.0	.0	1	12.6	.0	1	36.1	.0	1	284.2	.0
10-14-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

RICHARDSONIUS BALTEATUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF					BA 140					PER GRAM					PICOCURIES OF					LA 140					PER GRAM				
	WET		WEIGHT		N	DRY		WEIGHT		N	ASH		WEIGHT		N	WET		WEIGHT		N	DRY		WEIGHT		N	ASH		WEIGHT		
	N	MEAN	S	E		MEAN	S	E	MEAN		S	E	MEAN	S		E	MEAN	S	E		MEAN	S	E	MEAN		S	E	MEAN	S	E

10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0		
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1		

PTYCHOCEILUS OREGONIENSIS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF CS 137						PER GRAM ASH WEIGHT						PICOCURIES OF CE-PR 144						PER GRAM ASH WEIGHT					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3- 9-66	3	8.4	4.2	3	38.0	19.2	3	263.5	133.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
3-30-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
4-20-66	2	6.2	6.2	2	28.1	28.1	2	194.9	194.9	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
5-31-66	3	2.8	2.8	3	13.2	13.2	3	89.0	89.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
6-21-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
6- 3-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
6-29-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9- 2-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9- 6-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9-14-66	2	3.6	3.6	2	17.9	17.9	2	133.5	133.5	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
10- 5-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
11-26-66	3	.0	.0	3	.0	.0	3	.0	.0	3	42.3	3.0	3	180.5	17.6	3	1368.4	77.0	3	.0	.0	3	.0	.0
11-16-66	2	5.6	5.6	2	25.4	25.4	2	175.7	175.7	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
12- 7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
1-17-67	2	18.3	4.0	2	81.2	17.9	2	457.8	101.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
2- 7-67	3	4.3	4.3	3	19.7	19.7	3	139.3	139.3	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
4- 1-67	1	10.7	.0	1	48.9	.0	1	278.5	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

PTYCHOCEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	SC 46					CO 60												
	PICOCURIES OF DRY WEIGHT			PER GRAM ASH WEIGHT		PICOCURIES OF DRY WEIGHT			PER GRAM ASH WEIGHT									
	WET WEIGHT	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3- 9-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
3-30-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
4-20-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
5-31-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
6-21-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
8- 3-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
8-29-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9- 2-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9- 6-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9-14-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
10- 5-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
10-26-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
11-16-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
12- 7-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
1-17-67	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
2- 7-67	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
3- 1-67	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

PTYCHOCEILUS OREGONENSIS

ENTIRE MINUS OUT CONTENT SMALL FISH

DATE	PICOCURIES OF NET WEIGHT					CR 51 DRY WEIGHT					PEN GRAM ASH WEIGHT					PICOCURIES OF NET WEIGHT					MN 54 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E		
3- 9-66	3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0			
3-30-66	2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0			
4-20-66	2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0			
5-31-66	3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0			
6-21-66	3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0			
8- 3-66	3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0			
8-29-66	1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0			
9- 2-66	1	36.0	.0		1	163.9	.0		1	1136.2	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0			
9- 6-66	1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0			
9-14-66	2	45.9	1.9		2	228.5	7.9		2	1783.2	130.7		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0			
10- 5-66	3	50.2	2.2		3	221.5	8.6		3	1677.4	182.3		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0			
10-26-66	3	53.4	1.9		3	234.5	2.3		3	1736.8	118.6		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0			
11-16-66	2	23.3	23.3		2	104.3	106.3		2	736.6	736.6		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0			
12- 7-66	1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0			
12-28-66	1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0			
1-17-67	2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0		2	.0	.0			
2- 7-67	3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0		3	.0	.0			
3- 1-67	1	48.0	.0		1	222.5	.0		1	1864.0	.0		1	.0	.0		1	.0	.0		1	.0	.0		1	.0	.0			

PTYCHOCEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF FE 59						PICOCURIES OF ZN 65						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-9-66	0	.0	.0	0	.0	.0	0	.0	.0	3	552.5	28.9	3	2514.7	131.0	3	17432.6	912.5
3-30-66	2	.0	.0	2	.0	.0	2	.0	.0	2	481.7	20.2	2	2165.5	64.7	2	14013.2	550.0
4-20-66	2	33.2	2.9	2	148.5	19.8	2	1047.4	182.7	2	640.6	21.1	2	2882.0	187.0	2	20210.0	835.0
5-31-66	3	29.6	4.4	3	139.5	20.9	3	942.6	139.2	3	187.1	7.0	3	880.8	37.1	3	5953.3	222.8
6-21-66	3	22.1	3.1	3	88.3	12.4	3	447.3	63.0	3	167.3	17.2	3	670.1	69.0	3	3392.6	349.6
8-3-66	3	5.9	5.9	3	28.2	28.2	3	203.8	203.8	3	100.6	13.7	3	657.8	214.4	3	4480.6	1282.5
8-29-66	1	19.1	.0	1	94.2	.0	1	780.4	.0	1	80.8	.0	1	399.3	.0	1	3307.4	.0
9-2-66	1	15.8	.0	1	72.1	.0	1	500.1	.0	1	105.8	.0	1	481.5	.0	1	3338.1	.0
9-6-66	1	32.3	.0	1	158.2	.0	1	1290.6	.0	1	221.9	.0	1	1086.2	.0	1	8858.0	.0
9-14-66	2	38.6	.0	2	192.2	4.5	2	1496.3	29.3	2	303.1	.7	2	1509.4	13.0	2	11758.5	404.2
10-5-66	3	26.9	6.0	3	119.9	29.4	3	922.9	262.5	3	434.9	35.7	3	1924.0	195.9	3	14064.9	2047.0
10-26-66	3	31.4	1.5	3	137.7	3.6	3	1020.9	76.2	3	399.7	25.9	3	1706.6	169.2	3	12927.1	514.8
11-16-66	2	45.9	5.5	2	209.0	25.0	2	1448.8	173.2	2	416.7	64.2	2	1896.8	292.0	2	13148.9	2024.0
12-7-66	1	20.4	.0	1	92.9	.0	1	644.0	.0	1	477.9	.0	1	2175.1	.0	1	15078.2	.0
12-28-66	1	39.5	.0	1	180.0	.0	1	1247.5	.0	1	437.7	.0	1	1992.1	.0	1	13809.9	.0
1-17-67	2	56.4	4.0	2	250.0	17.8	2	1409.9	100.2	2	348.4	84.4	2	1543.4	241.0	2	8703.2	1358.9
2-7-67	3	30.4	6.3	3	136.1	31.2	3	871.2	263.1	3	198.9	93.3	3	901.2	442.5	3	5972.7	3315.4
3-1-67	1	62.8	.0	1	286.8	.0	1	1634.4	.0	1	360.4	.0	1	1644.3	.0	1	9372.2	.0

PTYCHOCHEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF N ^o 239										PICOCURIES OF RU-RH 106									
	WET WEIGHT					PER GRAM DRY WEIGHT					WET WEIGHT					PER GRAM DRY WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
3- 9-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	3	187.9	7.4	3	491.1	33.5	3	3404.2	232.3	
3-30-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	2	289.2	10.9	2	941.3	60.5	2	6130.8	813.5	
4-20-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	2	52.6	52.6	2	239.4	239.4	2	1659.6	1659.6	
5-31-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	
6-21-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	
8- 3-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	
8-29-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	
9- 2-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	
9- 6-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	
9-14-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	
10- 5-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	
10-26-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	
11-16-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	
12- 7-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	
12-28-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	
1-17-67	2	26.5	26.5	2	117.3	117.3	2	661.2	661.2	2	.0	.0	2	.0	.0	2	.0	.0	.0	
2- 7-67	3	.0	.0	3	.0	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	
3- 1-67	1	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	

PTYCHOCEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF ZR-MB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

1-9-66	3	13.8	1.5	3	63.0	6.8	3	436.5	46.9	0	.0	.0	0	.0	.0	0	.0	.0
3-30-66	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-20-66	2	6.7	6.7	2	30.5	30.5	2	211.4	211.4	0	.0	.0	0	.0	.0	0	.0	.0
5-31-66	3	.0	.0	3	.0	.0	3	.0	.0	3	13.7	6.9	3	64.3	32.3	3	436.4	219.0
6-21-66	3	.0	.0	3	.0	.0	3	.0	.0	3	4.0	4.0	3	16.1	16.1	3	81.6	81.6
8-3-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
8-29-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9-2-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
9-6-66	1	.0	.0	1	.0	.0	1	.0	.0	1	26.3	.0	1	128.8	.0	1	1050.3	.0
9-14-66	2	.0	.0	2	.0	.0	2	.0	.0	2	11.4	11.4	2	57.6	57.6	2	429.4	429.4
10-5-66	3	.0	.0	3	.0	.0	3	.0	.0	3	8.7	8.7	3	39.7	39.7	3	321.7	321.7
10-26-66	3	.0	.0	3	.0	.0	3	.0	.0	3	6.5	6.5	3	29.5	29.5	3	204.3	204.3
11-16-66	2	.0	.0	2	.0	.0	2	.0	.0	2	23.0	4.0	2	104.7	18.2	2	725.8	126.4
12-7-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-28-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
1-17-67	2	7.8	7.8	2	34.4	34.4	2	194.2	194.2	0	.0	.0	0	.0	.0	0	.0	.0
2-7-67	3	.0	.0	3	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
3-1-67	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

PTYCHOCHILUS OREGONENSIS ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF				DA 140				PER GRAM				LA 140				PER GRAM			
	MEAN	SE	N	WEIGHT	MEAN	SE	N	WEIGHT	MEAN	SE	N	ASH	MEAN	SE	N	WEIGHT	MEAN	SE	N	WEIGHT
3- 9-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
3-30-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
4-20-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
5-31-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
6-21-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
8- 3-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
8-29-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
9- 2-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
9- 6-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
9-14-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
10- 5-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
10-26-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
11-16-66	.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0		.0	.0	0	
12- 7-66	.0	.0	1		.0	.0	1		.0	.0	1		.0	.0	1		.0	.0	1	
12-28-66	.0	.0	1		.0	.0	1		.0	.0	1		.0	.0	1		.0	.0	1	
1-17-67	52.2	52.2	2	231.5	831.5	2	1305.2	1305.2	82.5	62.5	2	277.1	277.1	2	1562.5	1562.5	82.5	62.5	2	277.1
2- 7-67	.0	.0	3		.0	.0	3		.0	.0	3		.0	.0	3		.0	.0	3	
3- 1-67	.0	.0	1		.0	.0	1		.0	.0	1		.0	.0	1		.0	.0	1	

PTYCHOCHEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137						PICOCURIES OF CE-PR 144					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

5-4-66	2	.2	.0	2	.7	.0	2	5.6	5.6	2	.0	.0
6-17-66	5	.4	.0	5	1.6	.6	5	12.6	4.1	5	.0	.0

PTYCHOCHEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF			SC 46			PER GRAM			PICOCURIES OF			CO 60			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8- 4-66	2	.1	.0	2	.4	.0	2	7.7	7.7	2	.3	.0	2	.9	.9	2	18.4	18.4
8-17-66	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.1	.0	5	1.0	1.0

PTYCHOCELLUS OREGONENSIS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	CR 51									MN 54								
	WET WEIGHT			PICOCURIES OF DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			PICOCURIES OF DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8- 4-66	2	.7	.7	2	2.1	2.1	2	45.0	45.0	2	.0	.0	2	.0	.0	2	.0	.0
8-17-66	5	.7	.0	5	2.8	1.7	5	21.2	13.1	5	.3	.0	5	1.3	.0	5	10.6	2.8

PTYCHOCEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF FE 59					PER GRAM ASH WEIGHT					PICOCURIES OF ZN 65					PER GRAM ASH WEIGHT				
	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT
N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
8-4-66	2	.0	.0	2	.0	.0	2	.0	.0	2	22.9	14.8	2	66.8	63.3	2	881.6	379.6		
8-17-66	5	.9	.9	5	3.5	3.5	5	33.5	33.5	5	51.0	4.9	5	195.6	18.4	5	1622.1	159.2		

PTYCHOCEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8- 4-66	0	.0	.0	0	.0	.0	0	.0	.0	2	2.4	2.4	2	7.0	7.0	2	148.3	148.3
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0

PTYCHOCHEILUS OREGONENSIS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8- 4-66	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-17-66	5	.0	.0	5	.0	.0	5	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

PTYCHOCEILLUS OREGONENSIS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF NET WEIGHT			BA 140 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF NET WEIGHT			LA 140 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
U- 4-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
E-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

PTYCHOCEILUS OREGONENSIS

MUSCLE

LARGE FISH

DATE	PICOGRAPHS OF CS 137						PICOGRAPHS OF CE-PR 144											
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

4- 5-66	5	.6	.0	5	2.9	.8	5	53.1	14.5	5	.0	.0	5	.0	.0	5	.0	.0
4-26-66	2	.3	.0	2	1.5	1.5	2	28.6	28.6	2	.0	.0	2	.0	.0	2	.0	.0
5-17-66	6	.4	.0	6	2.0	1.0	6	35.4	16.8	6	.0	.0	6	.0	.0	6	.0	.0
6- 7-66	6	.7	.0	6	3.3	1.2	6	63.2	23.1	6	.0	.0	6	.0	.0	6	.0	.0
6-28-66	1	.6	.0	1	3.2	.0	1	60.9	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-19-66	6	.2	.0	6	1.4	.9	6	21.7	13.9	6	.0	.0	6	.0	.0	6	.0	.0
8-10-66	5	.1	.0	5	.5	.5	5	9.3	9.3	5	3.0	3.0	5	14.8	14.8	5	221.9	221.9
8-31-66	3	.6	.0	3	3.1	.0	3	60.1	2.4	3	.0	.0	3	.0	.0	3	.0	.0
9-21-66	4	.6	.0	4	3.3	.0	4	62.5	6.0	4	.0	.0	4	.0	.0	4	.0	.0
11- 2-66	1	.5	.0	1	2.8	.0	1	50.9	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-14-67	6	.1	.0	6	.6	.5	6	10.1	9.4	6	.0	.0	6	.0	.0	6	.0	.0
8-29-67	2	.4	.0	2	2.2	2.2	2	39.1	39.1	2	.0	.0	2	.0	.0	2	.0	.0
9-26-67	2	.5	.0	2	3.4	.0	2	59.4	8.7	2	1.9	1.9	2	11.8	11.8	2	204.9	204.9

PTYCHOCEILUS OREGONENSIS

MUSCLE

LARGE FISH

DATE	PICO CURIES OF			CR 51			PER GRAM			PICO CURIES OF			MN 54			PER GRAM		
	WET WEIGHT	MEAN	S E N	WET WEIGHT	MEAN	S E N	ASH	WET WEIGHT	MEAN	S E N	WET WEIGHT	MEAN	S E N	ASH	WET WEIGHT	MEAN	S E N	
4-5-66	5	.0	.0 5	.0	.0	.0 5												
4-26-66	2	.0	.0 2	.0	.0	.0 2												
5-17-66	6	.0	.0 6	.0	.0	.0 6												
6-7-66	6	.0	.0 6	.0	.0	.0 6												
6-28-66	1	.0	.0 1	.0	.0	.0 1												
7-19-66	6	.0	.0 6	.0	.0	.0 6												
8-10-66	5	.0	.0 5	.0	.0	.0 5												
8-31-66	3	.0	.0 3	.0	.0	.0 3												
9-21-66	4	2.3	.0 4	12.3	.0	.0 4	230.2											
11-2-66	1	2.0	.0 1	11.9	.0	.0 1	216.2											
12-14-66	1	.0	.0 1	.0	.0	.0 1	.0											
7-14-67	6	.0	.0 6	.0	.0	.0 6	.0											
8-29-67	2	.0	.0 2	.0	.0	.0 2	.0											
9-26-67	2	1.9	.0 2	12.2	.0	.0 2	212.1											

PTYCHOCEILUS OREGONENSIS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 DRY WEIGHT					PER GRAM ASH WEIGHT				
	N		MEAN		S E		N		MEAN		S E		N		MEAN		S E		N		MEAN		S E		N		MEAN		S E	

4- 5-66	5		.0		.0	5		.0		.0	5		.0		.0	5		18.9		1.1	5		99.5		5.9	5		1812.8		107.5
4-26-66	2		.0		.0	2		.0		.0	2		.0		.0	2		12.7		4.1	2		65.4		22.3	2		1257.1		458.1
5-17-66	6		4.9		2.3	6		26.6		12.7	6		480.0		228.3	6		16.3		5.0	6		86.5		26.7	6		1553.1		482.4
6- 7-66	6		1.0		1.0	6		5.0		5.0	6		89.2		89.2	6		14.8		1.6	6		75.9		9.8	6		1410.2		143.4
6-28-66	1		.0		.0	1		.0		.0	1		.0		.0	1		13.4		.0	1		68.9		.0	1		1303.5		.0
7-19-66	6		2.3		1.1	6		12.4		5.8	6		224.5		105.1	6		12.7		2.7	6		68.3		12.8	6		1200.2		241.9
8-10-66	5		5.6		1.4	5		28.2		7.1	5		498.7		126.9	5		17.7		2.2	5		90.7		10.7	5		1635.8		232.8
8-31-66	3		.0		.0	3		.0		.0	3		.0		.0	3		16.8		2.8	3		85.6		11.5	3		1654.5		244.5
9-21-66	4		.0		.0	4		.0		.0	4		.0		.0	4		16.6		1.3	4		88.2		7.8	4		1608.7		153.2
11- 2-66	1		.0		.0	1		.0		.0	1		.0		.0	1		8.3		.0	1		48.8		.0	1		891.7		.0
12-14-66	1		.0		.0	1		.0		.0	1		.0		.0	1		40.1		.0	1		208.6		.0	1		3996.0		.0
7-14-67	6		2.3		.8	6		12.1		4.3	6		217.7		77.4	6		8.4		2.3	6		42.5		11.3	6		761.2		202.6
8-29-67	2		1.3		1.3	2		8.8		8.8	2		134.3		134.3	2		6.4		1.8	2		37.3		6.0	2		624.0		143.4
9-26-67	2		4.0		.0	2		24.6		1.6	2		426.1		29.1	2		21.0		.0	2		131.0		.0	2		2275.6		3.7

PTYCHOCELLUS OREGONENSIS

MUSCLE

LARGE FISH

DATE	N	PICOCURIES OF ZR-NB 95			PER GRAM ASH WEIGHT			PICOCURIES OF BA-LA 140			PER GRAM ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
4-5-66	5	.0	.0	5	.0	.0	5	.0	.0	0	.0	.0	0
4-26-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2
5-17-66	6	.0	.0	6	.0	.0	6	.0	.0	3	.0	.0	3
6-7-66	6	.0	.0	6	.0	.0	6	.0	.0	2	.0	.0	2
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	4	.0	.0	4
7-19-66	6	.0	.0	6	.0	.0	6	.0	.0	4	.0	.0	4
8-10-66	5	.0	.0	5	.0	.0	5	.0	.0	4	.0	.0	4
8-31-66	3	.0	.0	3	.0	.0	3	.0	.0	0	.0	.0	0
9-21-66	4	.0	.0	4	.0	.0	4	.0	.0	0	.0	.0	0
11-2-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0
7-14-67	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0
8-29-67	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0
9-26-67	2	.0	.0	2	.0	.0	2	.0	.0	0	.0	.0	0

PTYCHOCELLUS OREGONENSIS

CARCASS

LARGE FISH

DATE	PICOCURIES OF NET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF NET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-5-66	5	.4	.0	5	1.6	1.6	5	9.8	9.8	5	58.4	5.2	5	215.3	19.1	5	1325.8	121.8
4-26-66	2	1.2	.0	2	4.7	.0	2	30.0	1.8	2	42.4	15.3	2	163.0	60.8	2	1048.3	394.2
5-17-66	6	2.9	2.0	5	13.7	8.8	6	46.1	30.6	6	75.8	20.0	5	355.9	88.4	6	1970.0	545.0
6-7-66	5	.4	.0	5	1.3	1.3	5	7.5	7.5	5	59.4	12.2	5	213.2	50.9	5	1269.4	300.8
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	48.2	.0	1	162.1	.0	1	1087.0	.0
7-19-66	6	.0	.0	6	.0	.0	6	.0	.0	6	59.9	14.3	6	227.8	49.9	6	1355.5	325.6
8-10-66	5	1.7	.8	5	5.9	2.8	5	44.9	20.1	5	76.1	4.6	5	262.5	16.0	5	1963.9	184.5
8-31-66	3	.0	.0	3	.0	.0	3	.0	.0	3	47.9	14.7	3	163.5	47.0	3	929.0	296.0
9-21-66	4	.0	.0	4	.0	.0	4	.0	.0	4	65.1	5.8	4	236.0	29.2	4	1937.0	332.9
11-2-66	1	.0	.0	1	.0	.0	1	.0	.0	1	32.2	.0	1	118.6	.0	1	542.9	.0
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	146.5	.0	1	590.2	.0	1	3605.6	.0
7-14-67	6	5.2	.6	6	19.8	3.0	6	115.9	11.0	6	36.0	2.9	6	134.3	13.5	6	833.0	114.6
8-29-67	2	2.5	.0	2	11.2	.0	2	49.8	.9	2	28.9	.0	2	128.7	16.0	2	571.3	54.8
4-26-67	2	11.0	2.2	2	44.6	2.6	2	175.8	30.3	2	73.8	3.2	2	308.5	56.3	2	1283.4	506.6

[illegible]

PTYCHOCEPHALUS OREGONENSIS									
LARGE FISH									
GUT CONTENT									
PER GRAM									
SC 4%									
DRY WEIGHT									
PICOGRAPHS OF									
MET WEIGHT									
PICOGRAPHS OF									
MET WEIGHT									
CO 60									
DRY WEIGHT									
PER GRAM									
ASH WEIGHT									
S E									

DATE	N	MEAN	S E	U	MEAN	S E	U	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
4-5-66	1	.0	.0	0	.0	.0	0	.0	.0
5-17-66	1	0.1	.0	0	.0	.0	0	.0	.0
7-19-66	1	.0	.0	1	.0	.0	1	.0	.0
8-31-66	2	17.2	9.6	2	156.3	86.5	2	1536.9	790.7
9-21-66	1	.0	.0	0	.0	.0	0	.0	.0
11-26-67	2	76.6	14.4	2	855.0	96.1	2	6710.6	1930.7

PYCHOCHEILUS OREGONENSIS									
GUT CONTENT									
LARGE FISH									
DATE	PICOGRAPHS OF					PER GRAM			
	WET WEIGHT					ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-5-66	1	103.0	.0	0	.0	.0	0	.0	.0
5-17-66	1	71.5	.0	0	.0	.0	0	.0	.0
7-19-66	1	11.1	.0	1	66.1	.0	1	356.7	.0
8-31-66	2	163.9	62.7	2	1495.0	560.9	2	14870.2	4855.0
9-21-66	1	165.0	.0	0	.0	.0	0	.0	.0
9-26-67	2	.0	.0	2	.0	.0	2	.0	.0

PSYCHOCEPHALUS ORLOGONENSIS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-5-66	1	.9	.7	0	.6	.0	0	.0	.0	1	188.9	.0	0	.0	.0	0	.0	.0
5-17-66	1	26.4	.0	0	.0	.0	0	.0	.0	1	135.1	.0	0	.0	.0	0	.0	.0
7-19-66	1	7.1	.0	1	42.2	.0	1	227.9	.0	1	85.0	.0	1	504.7	.0	1	2725.2	.0
8-31-66	2	23.3	4.7	2	212.7	40.9	2	2137.5	295.7	2	77.4	27.0	2	706.1	241.0	2	7036.6	2155.5
9-21-66	1	29.3	.0	0	.0	.0	0	.0	.0	1	325.7	.0	0	.0	.0	0	.0	.0
1-20-67	2	19.0	19.0	2	224.3	274.3	2	1412.7	1412.7	2	462.2	5.2	2	5091.9	532.0	2	38705.0	4538.5

PTYCHOCEPHALUS OREGONENSIS

GUT CONTENT

LARGE FISH

DATE	PYLOCURIES OF ZR-NH 95						PYLOCURIES OF BA-LA 140					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-3-66	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
5-17-66	1	6.7	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-19-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-31-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
9-21-66	1	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0
9-26-67	2	149.3	27.7	2	1623.1	186.9	2	12746.1	3700.1	0	.0	.0

PTYCHOCHEILUS OREGONENSIS

DATE	N	PICOGRAPHS OF				BUT CONTENT				LARGE FISH				PICOGRAPHS OF				LA 140				PER GRAM			
		WEIGHT		DRY		BA 140		PER GRAM		ASH		WEIGHT		ASH		WEIGHT		DRY		LA 140		PER GRAM			
		MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E		
4-5-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
5-17-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
7-19-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
0-31-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
9-21-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
9-26-67	2	245.9	2.6	2709.2	167.9	220605.6	2484.0	2	396.7	1.9	24394.1	297.4	2	33386.4	3836.1										

ACROCHEILUS ALUTACEUS ENTIRE MINUS OUT CONTENT SMALL FISH

		PICOCURIES OF SC 46				PER GRAM				PICOCURIES OF CO 60				PER GRAM			
		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		NET WEIGHT		DRY WEIGHT		ASH WEIGHT		DRY WEIGHT		ASH WEIGHT	
DATE	N	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E
10- 5-66	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

ACROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF WET WEIGHT			CR 51 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			MN 54 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
10- 5-66	1	52.6	.0	1	220.7	.0	1	1381.2	.0	1	.0	.0	1	.0	.0	1	.0	.0

ACROCHEILUS ALUTACEUS ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF					PE 59					PER GRAM					PICOGRAPHS OF					ZN 65					PER GRAM				
	WET		WEIGHT			DRY		WEIGHT			WET		ASH			WET		WEIGHT			DRY		WEIGHT			WET		ASH		
N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
10- 5-66	1	39.4	.0	1	165.3	.0	1	1034.7	.0	1	431.6	.0	1	1010.0	.0	1	11326.6	.0												

ACROCHEILUS ALUTACEUS
ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF DRY WEIGHT				PER GRAM ASH				PICOCURIES OF DRY WEIGHT				PER GRAM ASH			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	
12-5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	

ACROCHEILUS ALUTACEUS

DATE	PICOGRAPHS OF ZR-NB 95				PER GRAM ASH				PICOGRAPHS OF BA-LA 140				PER GRAM ASH			
	WET WEIGHT		DRY WEIGHT		MEAN		S E		WET WEIGHT		DRY WEIGHT		MEAN		S E	
10-5-66	1	.0	.0	1	.0	.0	1	.0	1	.0	1	.0	1	.0	1	.0

ACROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF NET WEIGHT			BA 140 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF NET WEIGHT			LA 140 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
10- 5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

ACROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137					PER GRAM ASH WEIGHT					PICOCURIES OF CE-PR 144					PER GRAM ASH WEIGHT				
	WET WEIGHT			DRY WEIGHT		WET WEIGHT			DRY WEIGHT		WET WEIGHT			DRY WEIGHT		WET WEIGHT			DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		

7-27-66	6	.2	.0	6	.7	.0	6	6.5	3.3	6	.0	.0	6	.0	.0	6	.0	.0		
8-4-66	6	.2	.0	6	.7	.5	6	5.7	4.2	6	.0	.0	6	.0	.0	6	.0	.0		
8-17-66	6	.2	.0	6	.6	.0	6	6.6	4.3	6	.0	.0	6	.0	.0	6	.0	.0		
8-25-66	5	.1	.0	5	.3	.0	5	3.0	3.0	5	.0	.0	5	.0	.0	5	.0	.0		

ACROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF SC 46					PER GRAM					PICOCURIES OF CO 60					PER GRAM				
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT	WET WEIGHT		DRY WEIGHT		ASH WEIGHT	WET WEIGHT		DRY WEIGHT		ASH WEIGHT	WET WEIGHT		DRY WEIGHT		ASH WEIGHT
	N	MEAN	S E	N		MEAN	S E	N	MEAN		S E	N	MEAN	S E		N	MEAN	S E	N	
7-27-66	6	.2	.0	6	1.4	.6	6	7.5	3.6	6	.7	.0	6	2.8	.0	6	26.6	4.6		
8-4-66	6	.2	.0	6	.7	.0	6	5.9	3.1	6	.8	.0	6	3.0	.5	6	26.2	4.9		
8-17-66	6	.3	.0	6	.8	.0	6	.0	.0	6	.3	.0	6	1.0	.5	6	11.7	5.3		
8-25-66	5	.2	.0	5	.7	.0	5	7.1	4.6	5	.5	.0	5	1.9	.3	5	17.5	7.8		

ACHROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CR 51					PER GRAM					PICOCURIES OF MN 54					PER GRAM				
	WET WEIGHT		DRY WEIGHT		N	ASH WEIGHT		N	MEAN	S E	WET WEIGHT		DRY WEIGHT		N	ASH WEIGHT		N	MEAN	S E
	N	MEAN	S E	N		MEAN	S E				N	MEAN	S E	N		MEAN	S E			

7-27-66	6	2.2	1.2	6		8.1	4.1	6	82.3	50.3	6	1.0	.0	6		3.0	.5	6	34.5	6.5
8- 4-66	6	2.3	1.6	6		8.2	5.5	6	69.0	49.9	6	.5	.0	6		1.9	.9	6	16.4	8.5
8-17-66	6	.0	.0	6		.0	.0	6	.0	.0	6	1.1	.0	6		3.8	.0	6	37.0	3.4
8-25-66	5	.0	.0	5		.0	.0	5	.0	.0	5	1.2	.0	5		4.1	.5	5	37.2	6.6

ACROCHEILUS ALUTACEUS

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 PER GRAM ASH WEIGHT				
	N	MEAN	S	C	N	MEAN	S	E	N	MEAN	S	L	N	MEAN	S	E	N	MEAN	S	E
7-27-66	6	.7	.7	6	2.4	2.4	6	29.7	29.7	6	74.5	10.1	6	277.7	57.0	6	2679.1	605.8		
8-4-66	6	1.4	1.4	6	6.2	6.2	6	54.7	54.7	6	57.1	19.0	6	216.3	72.1	6	1900.7	680.0		
8-17-66	6	.6	.6	6	1.9	1.9	6	22.1	22.1	6	77.1	7.2	6	269.1	21.4	6	2669.3	351.6		
8-25-66	5	.6	.6	5	.6	.6	5	.0	.0	5	84.0	7.5	5	287.0	23.5	5	2570.9	360.0		

ACHOCHILUS ALUTACEUS										ENTIRE MINUS GUT CONTENT LARGE FISH									
PICOGRAPHS OF										PICOGRAPHS OF									
WET WEIGHT					DRY WEIGHT					WET WEIGHT					DRY WEIGHT				
DATE	N	MEAN	S	E	N	MEAN	S	E	N	DATE	N	MEAN	S	E	N	MEAN	S	E	N
7-27-66	0	.0	.0	.0	.0	.0	.0	.0	.0	7-27-66	0	.0	.0	.0	.0	.0	.0	.0	.0
8-4-66	0	.0	.0	.0	.0	.0	.0	.0	.0	8-4-66	0	.0	.0	.0	.0	.0	.0	.0	.0
8-17-66	0	.0	.0	.0	.0	.0	.0	.0	.0	8-17-66	0	.0	.0	.0	.0	.0	.0	.0	.0
8-25-66	0	.0	.0	.0	.0	.0	.0	.0	.0	8-25-66	0	.0	.0	.0	.0	.0	.0	.0	.0

ACROCHEILUS ALUTACEUS

ENTIRE VITRUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF 2R-HQ 95			PER GRAM			PICOGRAPHS OF DA-LA 140			PER GRAM		
	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-27-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0
8-4-66	6	.1	.0	6	.3	.0	6	1.8	1.6	0	.0	.0
8-17-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0
8-25-66	5	.0	.0	5	.0	.0	5	.0	.0	0	.0	.0

ACHOEILUS ALUTACUS MUSCLE LARGE FISH

DATE	N	PICOGRAPHS OF			CS 137			PER GRAM			PICOGRAPHS OF			CE-104			PER GRAM			ASH			WEIGHT		
		WET	MEAN	S E	WET	MEAN	S E	WET	MEAN	S E	WET	MEAN	S E	WET	MEAN	S E	WET	MEAN	S E	WET	MEAN	S E	WET	MEAN	S E
5-15-66	5	1.7	.0	.0	7.7	.0	.0	164.3	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
4-5-66	5	1.7	.0	.0	3.2	.0	.0	70.3	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
4-20-66	6	1.1	.0	.0	5.0	.0	.0	104.2	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
5-17-66	6	1.1	.0	.0	5.0	.0	.0	104.2	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
6-7-66	6	1.1	.0	.0	5.0	.0	.0	104.2	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
6-28-66	1	1.4	.0	.0	1.9	.0	.0	38.2	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
7-10-66	6	1.4	.0	.0	2.9	.0	.0	59.1	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
7-31-66	6	1.7	.0	.0	3.2	.0	.0	67.1	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
8-21-66	6	1.8	.0	.0	4.0	.0	.0	81.9	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
12-12-66	6	1.9	.0	.0	5.0	.0	.0	88.5	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
11-2-66	5	1.9	.0	.0	3.6	.0	.0	86.5	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
12-14-66	6	1.0	.0	.0	4.3	.0	.0	97.3	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
1-4-67	1	1.9	.0	.0	3.7	.0	.0	86.7	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
7-15-67	1	1.5	.0	.0	1.5	.0	.0	4.0	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
7-14-67	5	1.5	.0	.0	2.4	.0	.0	53.6	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
11-29-67	1	1.0	.0	.0	1.0	.0	.0	1.0	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0
11-26-67	1	1.0	.0	.0	1.0	.0	.0	1.0	.0	.0	160.6	.0	.0	98.4	.0	.0	738.0	.0	.0	452.3	.0	.0	15753.0	.0	.0

[illegible]

ACHOCHEILUS ALUTACEUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF FE 59						PICOCURIES OF ZN 65						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	6	.0	.0	6	.0	.0	6	.0	.0	6	70.8	5.8	6	325.7	26.7	6	6947.4	568.6
4- 5-66	5	.0	.0	5	.0	.0	5	.0	.0	5	66.8	3.8	5	307.1	17.5	5	6549.1	372.5
4-26-66	6	5.2	.8	6	22.8	3.3	6	499.7	71.2	6	59.6	5.2	6	259.9	20.9	6	5733.3	578.2
5-17-66	6	.5	.0	6	2.4	1.5	6	48.8	31.1	6	50.5	3.6	6	230.6	19.3	6	4819.7	410.3
6- 7-66	6	.0	.0	6	.0	.0	6	.0	.0	6	36.5	4.8	6	175.4	23.2	6	3531.6	463.8
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	25.3	.0	1	132.5	.0	1	2611.3	.0
8-10-66	6	.2	.0	6	.9	.9	6	19.8	19.8	6	25.4	4.1	6	117.7	17.3	6	2403.6	358.4
8-31-66	6	.0	.0	6	.0	.0	6	.0	.0	6	29.3	2.5	6	128.0	12.5	6	2853.0	297.1
9-21-66	6	.0	.0	6	.0	.0	6	.0	.0	6	37.8	.8	6	177.8	5.0	6	3655.7	69.0
10-12-66	6	.0	.0	6	.0	.0	6	.0	.0	6	50.1	6.2	6	256.3	55.8	6	4636.8	544.2
11- 2-66	5	.0	.0	5	.0	.0	5	.0	.0	5	53.4	4.3	5	216.9	17.6	5	5278.7	429.8
12-14-66	6	.3	.0	6	1.5	1.5	6	32.4	32.4	6	48.6	2.3	6	201.9	6.9	6	4585.0	237.7
1- 4-67	1	.0	.0	1	.0	.0	1	.0	.0	1	51.1	.0	1	208.7	.0	1	4858.1	.0
2-15-67	1	2.4	.0	1	7.4	.0	1	19.4	.0	1	38.9	.0	1	122.0	.0	1	318.2	.0
7-14-67	5	1.8	.7	5	9.9	4.0	5	208.7	88.8	5	14.3	3.5	5	77.1	19.8	5	1705.0	422.2
8-29-67	1	29.1	.0	1	141.4	.0	1	2577.5	.0	1	155.0	.0	1	753.6	.0	1	13738.5	.0
9-26-67	1	9.0	.0	1	44.3	.0	1	850.1	.0	1	42.2	.0	1	207.6	.0	1	3963.7	.0

ACROCHORDUS ALUTACEUS MUSCLE LARGE FISH

DATE	N	WET WEIGHT			PICOCURIES OF DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			PICOCURIES OF DRY WEIGHT			PER GRAM ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
1-15-66	5	4.2	.0	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
4-5-66	1	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
4-20-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
5-17-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
6-7-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
6-28-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
7-10-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
8-31-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
9-21-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
10-12-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
11-2-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
12-14-66	0	1.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
1-4-67	1	1.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
1-15-67	1	1.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
7-14-67	5	1.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5
1-23-67	1	501.6	.3	1	2681.8	.3	1	9891.2	.0	1	9891.2	.0	1	9891.2	.0	1	9891.2	.0	1
4-20-67	1	9.0	.0	1	47.2	.0	1	906.6	.0	1	906.6	.0	1	906.6	.0	1	906.6	.0	1

ACROCHEILUS ALUTACEUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF CS 137						PICOCURIES OF CE-PR 144					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
4- 5-66	5	1.3	1.3	5	4.0	4.0	5	34.9	34.9	5	.0	.0
4-26-66	6	.2	.0	6	.7	.4	6	4.9	3.1	6	.0	.0
5-17-66	6	.3	.0	6	.8	.5	6	8.1	5.8	6	.0	.0
6- 7-66	6	.2	.0	6	.6	.0	6	4.8	3.1	6	.0	.0
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-10-66	6	.1	.0	6	.4	.4	6	3.7	3.7	6	.0	.0
8-31-66	6	.7	.0	6	2.1	1.1	6	17.1	7.3	6	.0	.0
4-21-66	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
10-12-66	6	.0	.0	6	.0	.0	6	.0	.0	6	95.0	8.6
11- 2-66	5	.0	.0	5	.0	.0	5	.0	.0	5	275.8	33.8
12-14-66	6	.2	.0	6	.5	.5	6	4.0	4.0	6	.0	.0
1- 4-67	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
2-15-67	1	.7	.0	1	1.3	.0	1	2.8	.0	1	.0	.0
7-14-67	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0
8-29-67	1	.0	.0	1	.0	.0	1	.0	.0	1	288.7	1008.2
9-26-67	1	.0	.0	1	.0	.0	1	.0	.0	1	119.9	450.7

MICROCHILUS ALUTACEUS				CARCASS				LARGE FISH				PICOCURIES OF				PER GRAM			
DATE	ID	WET WEIGHT	N	PICOCURIES OF		SE	N	DRY WEIGHT		SE	N	WET WEIGHT		SE	N	DRY WEIGHT		SE	N
				MEAN	MEAN			MEAN	MEAN			MEAN	MEAN			MEAN	MEAN		
1-15-66	b	1.6	5	2.9	2.9	.0	6	4.3	13.1	1.8	6	114.0	15.8						
4-5-66	b	1.4	5	1.2	1.2	.0	5	4.7	14.5	5.0	5	126.4	50.3						
4-20-66	b	.7	6	2.1	2.1	.0	6	3.4	10.4	1.3	6	87.7	8.4						
5-17-66	b	.5	6	.5	.5	.0	6	2.7	7.0	1.0	6	81.7	15.2						
6-7-66	b	2.0	6	6.0	6.0	.0	6	1.9	5.9	1.0	6	48.0	15.9						
7-20-66	b	.1	6	.2	.2	.0	6	.6	2.0	.0	1	10.3	.0						
8-10-66	b	.2	6	.7	.7	.0	6	.9	1.9	.9	6	20.7	6.4						
8-31-66	b	.6	6	1.0	1.0	.0	6	1.6	5.0	.5	6	42.2	4.0						
9-21-66	b	.2	6	.8	.8	.0	6	2.1	9.1	.8	6	65.1	11.8						
10-2-66	b	.3	5	1.0	1.0	.0	5	2.5	7.0	1.4	5	73.1	17.9						
12-14-66	b	.2	6	.4	.4	.0	6	2.0	7.9	.5	6	68.0	5.9						
1-4-67	b	.3	1	.0	.0	.0	1	4.2	10.8	.0	1	77.0	.0						
1-13-67	b	3.3	1	6.6	6.6	.0	1	3.7	7.5	.0	1	15.9	.0						
1-14-67	b	.2	5	.6	.6	.0	5	1.8	3.6	.8	5	21.4	4.9						
2-9-67	b	2.1	1	7.5	7.5	.0	1	2.9	8.4	.0	1	91.6	.0						
2-20-67	b	.6	1	.0	.0	.0	1	4.0	15.2	.0	1	139.8	.0						

ACROCHEILUS ALUTACEUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					CR 51 DRY WEIGHT					PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					MN 54 DRY WEIGHT					PER GRAM ASH WEIGHT					
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****		
3-15-66	6	.0	.0		6	.0	.0		6	.0	.0		6	.0	.0		6	.0	.0		6	.0	.0		6	.0	.0		6	.0	.0
4- 5-66	5	44.9	15.2		5	137.8	46.6		5	1198.4	405.3		5	4.0	1.8		5	14.7	5.7		5	127.8	49.3		5	127.8	49.3		5	127.8	49.3
4-26-66	6	28.6	3.9		6	86.6	11.4		6	736.0	92.8		6	2.2	.0		6	6.7	1.0		6	57.7	8.7		6	57.7	8.7		6	57.7	8.7
5-17-66	6	30.0	2.8		6	85.1	7.3		6	862.3	123.0		6	2.5	.0		6	7.2	.6		6	74.3	10.7		6	74.3	10.7		6	74.3	10.7
6- 7-66	6	12.1	5.3		6	39.3	17.8		6	245.4	106.7		6	1.7	.0		6	5.5	1.1		6	42.4	10.9		6	42.4	10.9		6	42.4	10.9
6-28-66	1	14.7	.0		1	49.6	.0		1	258.0	.0		1	1.4	.0		1	4.9	.0		1	25.4	.0		1	25.4	.0		1	25.4	.0
8-10-66	6	1.2	.9		6	3.7	2.7		6	27.0	19.1		6	1.4	.0		6	4.1	.6		6	34.0	4.7		6	34.0	4.7		6	34.0	4.7
8-31-66	6	10.3	1.4		6	33.0	3.7		6	339.9	35.9		6	1.3	.0		6	4.2	.9		6	47.0	10.9		6	47.0	10.9		6	47.0	10.9
9-21-66	6	26.0	4.2		6	81.3	13.0		6	675.2	73.2		6	3.5	.5		6	10.9	1.5		6	91.6	9.4		6	91.6	9.4		6	91.6	9.4
10-12-66	6	63.2	6.5		6	183.9	25.1		6	1945.3	335.0		6	4.3	.0		6	12.4	1.3		6	130.2	19.6		6	130.2	19.6		6	130.2	19.6
11- 2-66	5	27.4	3.2		5	81.8	8.8		5	762.6	110.1		5	4.6	.0		5	13.8	.0		5	150.1	16.5		5	150.1	16.5		5	150.1	16.5
12-14-66	6	18.8	4.0		6	51.1	10.6		6	442.5	95.5		6	4.2	.5		6	11.4	1.2		6	97.1	9.1		6	97.1	9.1		6	97.1	9.1
1- 4-67	1	9.1	.0		1	23.2	.0		1	165.5	.0		1	3.7	.0		1	9.4	.0		1	66.8	.0		1	66.8	.0		1	66.8	.0
2-15-67	1	48.4	.0		1	97.8	.0		1	205.8	.0		1	4.2	.0		1	8.6	.0		1	18.0	.0		1	18.0	.0		1	18.0	.0
7-14-67	5	8.1	1.3		5	30.3	5.1		5	182.2	25.3		5	.6	.0		5	2.3	.7		5	13.3	3.9		5	13.3	3.9		5	13.3	3.9
8-29-67	1	94.8	.0		1	330.9	.0		1	3604.2	.0		1	9.2	.0		1	32.1	.0		1	349.7	.0		1	349.7	.0		1	349.7	.0
9-26-67	1	37.2	.0		1	141.6	.0		1	1303.3	.0		1	4.0	.0		1	15.3	.0		1	140.8	.0		1	140.8	.0		1	140.8	.0

ACROCHEILUS ALUTACEUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
3-15-66	6	.0	.0	6	.0	.0	6	.0	.0	6	291.0	17.3	6	892.2	52.9	6	7759.8	460.2
4- 5-66	5	4.1	2.9	5	12.5	9.0	5	108.7	78.4	5	363.1	148.5	5	1113.3	455.4	5	9083.0	3961.0
4-26-66	6	24.0	12.8	6	69.8	35.5	6	626.2	307.4	6	238.2	25.7	6	717.2	63.9	6	6135.5	557.5
5-17-66	6	14.9	5.9	6	42.0	16.5	6	473.6	203.9	6	168.8	12.1	6	481.2	36.3	6	4752.0	420.5
6- 7-66	6	3.9	2.3	6	11.3	6.4	6	140.1	103.3	6	184.3	19.3	6	585.3	75.2	6	4264.5	747.5
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	110.0	.0	1	371.0	.0	1	1932.2	.0
11-10-66	6	.9	.9	6	2.7	2.7	6	18.8	18.8	6	92.1	13.7	6	282.4	40.5	6	2320.0	342.3
11-31-66	6	.0	.0	6	.3	.0	6	.0	.0	6	92.9	8.0	6	297.5	19.8	6	3134.4	347.0
9-21-66	6	1.5	.9	6	4.4	2.9	6	33.7	22.1	6	159.6	6.9	6	500.2	20.9	6	4289.4	249.2
10-12-66	6	.0	.3	6	.0	.0	6	.0	.0	6	186.1	18.7	6	534.0	57.3	6	5007.2	790.9
11- 2-66	5	.0	.0	5	.0	.0	5	.0	.0	5	212.7	15.3	5	644.0	57.4	5	6140.9	1006.4
12-14-66	6	.0	.0	6	.0	.0	6	.0	.0	6	227.1	13.2	6	627.4	43.5	6	5406.9	453.3
1- 4-67	1	.9	.0	1	.0	.0	1	.0	.0	1	187.1	.0	1	480.1	.0	1	3420.4	.0
2-15-67	1	.0	.0	1	.0	.0	1	.0	.0	1	203.2	.0	1	410.1	.0	1	863.1	.0
7-14-67	5	8.6	1.0	5	31.6	3.7	5	195.3	24.8	5	60.4	8.4	5	223.8	31.3	5	1347.2	161.2
8-29-67	1	21.6	.0	1	75.3	.0	1	820.4	.0	1	225.1	.0	1	780.1	.0	1	8561.6	.0
11-20-67	1	46.6	.0	1	177.4	.0	1	1633.2	.0	1	129.1	.0	1	491.7	.0	1	4526.6	.0

ACHOEILUS ALUTACEUS

CARCASS

LARGE FISH

DATE	PICOCURIES OF NP 239			PER GRAM			PICOCURIES OF RU-WH 106			PER GRAM		
	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	6	.0	.0
4- 5-66	0	.0	.0	0	.0	.0	0	.0	.0	5	.0	.0
4-26-66	0	.0	.0	0	.0	.0	0	.0	.0	6	3.3	2.1
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	6	25.7	10.6
6- 7-66	0	.0	.0	0	.0	.0	0	.0	.0	6	5.4	3.4
6-28-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0
8-10-66	0	.0	.0	0	.0	.0	0	.0	.0	6	2.7	2.7
8-31-66	0	.0	.0	0	.0	.0	0	.0	.0	6	.0	.0
9-21-66	0	.0	.0	0	.0	.0	0	.0	.0	6	2.4	2.4
10-12-66	0	.0	.0	0	.0	.0	0	.0	.0	6	.0	.0
11- 2-66	0	.0	.0	0	.0	.0	0	.0	.0	5	.0	.0
12-14-66	6	.8	.5	6	2.1	1.3	6	17.3	11.0	6	2.6	2.6
1- 4-67	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
2-15-67	1	3.6	.0	1	7.2	.0	1	15.3	.0	1	.0	.0
7-14-67	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0
8-29-67	1	589.0	.0	1	1777.6	.0	1	19359.7	.0	1	.0	.0
9-26-67	1	42.1	.0	1	160.2	.0	1	1474.7	.0	1	97.8	.0
											372.0	.0
											3430.2	.0

ACHOEILUS ALUTACEUS

CARCASS

LARGE FISH

DATE	PILOCURIES OF ZR-HU 95									PILOCURIES OF DA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4- 5-66	5	.0	.0	5	.0	.0	5	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	6	.1	.0	6	.3	.0	6	2.5	2.5	6	253.1	64.5	6	770.0	197.7	6	556.8	1541.2
5-17-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6- 7-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6-28-66	1	1.0	.0	1	3.5	.0	1	18.4	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-10-66	6	.1	.0	6	.4	.4	6	2.9	2.9	0	.0	.0	0	.0	.0	0	.0	.0
8-31-66	6	1.7	1.7	6	5.1	5.1	6	35.3	35.3	0	.0	.0	0	.0	.0	0	.0	.0
9-21-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
10-12-66	6	.0	.0	6	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
11- 2-66	5	1.5	.0	5	4.5	.0	5	42.1	5.1	0	.0	.0	0	.0	.0	0	.0	.0
12-14-66	6	.5	.0	6	1.3	.9	6	10.3	6.6	0	.0	.0	0	.0	.0	0	.0	.0
1- 4-67	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
2-15-67	1	1.3	.0	1	2.6	.0	1	5.4	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-14-67	5	.0	.0	5	.0	.0	5	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-29-67	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
9-26-67	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

ACROCHEILUS ALUTACEUS

CARCASS

LARGE FISH

DATE	PICOGRAPHS OF			BA 140			PER GRAM			LA 140			PER GRAM			ASH WEIGHT		
	WET	MEAN	N	WET	MEAN	N	WET	MEAN	N	WET	MEAN	N	WET	MEAN	N	WET	MEAN	N
3-15-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-5-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4-26-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5-17-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-7-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-28-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-10-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8-31-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9-21-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-12-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11-2-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12-14-66	6	2.2	6	6.4	3.3	6	53.1	25.0	6	2.0	0.8	6	5.3	2.1	6	46.9	19.1	6
1-4-67	1	4.3	1	11.1	0.1	1	79.1	0.1	1	0.0	0.0	1	0.0	0.0	1	0.0	0.0	1
2-15-67	1	0	1	0	0.1	1	0	0.1	1	6.6	0.1	1	13.3	0.1	1	28.1	0.1	1
7-14-67	5	0	5	0	0.5	5	0	0.5	5	0.0	0.0	5	0.0	0.0	5	0.0	0.0	5
8-29-67	1	29.1	1	101.7	0.1	1	1107.2	0.1	1	0.0	0.0	1	0.0	0.0	1	0.0	0.0	1
9-26-67	1	0	1	0	0.1	1	0	0.1	1	17.3	0.1	1	60.0	0.1	1	607.3	0.1	1

[illegible]

ACROCHEILUS ALUTACEUS

OIL CONTENT

LARGE FISH

DATE	PICOCURIES OF SC 46						PER GRAM						PICOCURIES OF CO 60						PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	6	1161.7	377.8	0	.0	.0	0	.0	.0	6	84.9	11.1	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-5-66	5	641.4	85.6	0	.0	.0	0	.0	.0	5	21.7	10.6	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	6	473.0	118.5	6	1866.9	394.3	6	3482.7	626.3	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
5-17-66	6	377.9	76.4	0	.0	.0	0	.0	.0	6	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6-7-66	4	204.6	63.2	2	866.0	77.0	2	1202.5	62.0	4	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0
6-28-66	1	342.6	.0	1	1619.1	.0	1	2598.8	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-27-66	6	50.5	9.3	6	242.4	38.2	6	433.6	36.8	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
8-4-66	6	25.3	6.8	6	118.7	27.3	6	229.2	49.5	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
8-10-66	6	15.9	3.4	5	63.5	11.5	5	102.0	31.0	6	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0	5	.0	.0
8-17-66	6	13.2	2.1	6	56.0	8.3	6	116.5	19.9	6	.9	.9	6	3.6	3.6	6	3.6	3.6	6	6.7	6.7	6	6.7	6.7	6	6.7	6.7
8-25-66	5	81.6	11.7	4	373.6	35.5	4	1160.9	267.2	5	1.3	1.3	4	5.5	5.5	4	20.2	20.2	4	20.2	20.2	4	20.2	20.2	4	20.2	20.2
8-31-66	5	211.2	30.4	4	838.7	65.4	4	1588.9	110.8	5	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0
9-21-66	6	262.0	25.7	6	1614.4	153.9	6	5060.6	922.6	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
10-12-66	6	370.5	49.1	6	1952.6	342.4	6	4321.3	859.7	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0	6	.0	.0
11-2-66	4	376.7	73.3	1	1594.8	.0	1	3171.8	.0	4	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
12-14-66	1	305.8	.0	1	1061.8	.0	1	2684.8	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
2-15-67	1	577.3	.0	1	2083.4	.0	1	3379.9	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-14-67	4	315.9	99.5	4	1248.2	443.0	4	2188.5	678.2	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0
9-26-67	1	1123.0	.0	1	4962.7	.0	1	11126.0	.0	1	64.7	.0	1	285.9	.0	1	641.0	.0	1	641.0	.0	1	641.0	.0	1	641.0	.0

ACROCHEILUS ALUTACEUS

GUT CONTENT

LARGE FISH

DATE	PILOCURIES OF WET WEIGHT				CR 51 DRY WEIGHT				PER GRAM ASH WEIGHT				PILOCURIES OF WET WEIGHT				MN 54 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
4-15-66	6	15571.2	5355.3	0	0	0	0	0	0	0	0	0	6	235.0	25.9	0	0	0	0	0	0	0	0	0
4-15-66	5	6314.8	598.8	0	0	0	0	0	0	0	0	0	5	265.5	20.3	0	0	0	0	0	0	0	0	0
4-16-66	6	6476.5	1868.0	6	25350.0	6078.7	6	47333.6	9897.9	6	144.2	27.2	6	144.2	27.2	6	144.2	27.2	6	144.2	27.2	6	144.2	27.2
4-17-66	0	3226.5	525.0	0	0	0	0	0	0	0	0	0	0	112.4	35.2	0	0	0	0	0	0	0	0	0
4-17-66	1	1464.1	458.6	2	6428.9	649.1	2	8923.1	554.6	4	90.3	27.9	2	501.4	117.4	2	501.4	117.4	2	501.4	117.4	2	501.4	117.4
4-17-66	1	3492.0	0	1	11777.2	0	1	18903.1	0	1	199.1	0	1	940.9	0	1	940.9	0	1	940.9	0	1	940.9	0
7-17-66	2	310.9	56.0	6	1524.7	144.0	6	2834.3	310.3	6	27.0	7.3	6	130.2	34.5	6	130.2	34.5	6	130.2	34.5	6	130.2	34.5
4-18-66	0	98.3	26.7	6	461.7	109.0	6	893.3	197.3	6	22.6	5.0	6	108.9	25.6	6	108.9	25.6	6	108.9	25.6	6	108.9	25.6
4-18-66	0	44.5	12.3	5	175.4	52.5	5	478.4	148.9	6	17.7	1.7	5	82.3	0.0	5	82.3	0.0	5	82.3	0.0	5	82.3	0.0
4-18-66	0	4.5	4.5	6	18.1	18.1	6	33.5	33.5	6	21.9	4.0	6	93.7	18.4	6	93.7	18.4	6	93.7	18.4	6	93.7	18.4
4-20-66	5	280.2	38.0	4	1316.5	198.0	4	4007.5	1097.3	5	37.7	5.7	4	105.3	18.4	4	105.3	18.4	4	105.3	18.4	4	105.3	18.4
6-11-66	5	2233.4	203.2	4	9326.3	364.7	4	18262.9	2941.3	5	167.4	17.5	4	821.6	79.0	4	821.6	79.0	4	821.6	79.0	4	821.6	79.0
7-21-66	0	4845.8	443.7	6	29950.6	2629.8	6	92920.0	15848.2	6	221.3	16.9	6	1305.4	101.5	6	1305.4	101.5	6	1305.4	101.5	6	1305.4	101.5
11-12-66	6	7680.3	1046.1	6	40847.4	7879.3	6	91735.6	20361.6	6	294.3	55.4	6	1570.3	389.2	6	1570.3	389.2	6	1570.3	389.2	6	1570.3	389.2
11-2-66	4	5906.5	1014.8	1	24160.8	0	1	48051.7	0	4	250.7	31.0	1	925.9	0	1	925.9	0	1	925.9	0	1	925.9	0
11-14-66	1	4132.0	0	1	14346.5	0	1	35196.1	0	1	353.2	0	1	1226.3	0	1	1226.3	0	1	1226.3	0	1	1226.3	0
2-15-67	1	5467.0	0	1	19729.4	0	1	32007.6	0	1	348.7	0	1	1258.4	0	1	1258.4	0	1	1258.4	0	1	1258.4	0
7-14-67	4	1152.9	381.4	4	4411.5	1640.9	4	7543.0	2332.9	4	45.5	19.2	4	172.0	79.1	4	172.0	79.1	4	172.0	79.1	4	172.0	79.1
9-26-67	1	2409.0	0	1	10645.0	0	1	23868.7	0	1	195.7	0	1	864.8	0	1	864.8	0	1	864.8	0	1	864.8	0

ACROCHEILUS ALUTACEUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	6	.0	.0	0	.0	.0	0	.0	.0	6	2780.1	363.5	0	.0	.0	0	.0	.0
4-5-66	5	341.3	33.6	0	.0	.0	0	.0	.0	5	3409.2	605.1	0	.0	.0	0	.0	.0
4-26-66	6	351.6	71.0	6	1411.1	235.5	6	2704.4	427.2	6	2473.6	596.8	6	9732.2	1402.0	6	18191.9	2935.4
5-17-66	6	327.1	50.3	0	.0	.0	0	.0	.0	6	1629.2	215.3	0	.0	.0	0	.0	.0
6-7-66	4	219.0	56.5	2	831.5	173.4	2	1149.4	198.1	4	829.6	171.6	2	2987.2	75.3	2	4157.7	51.1
6-28-66	1	355.0	.0	1	1677.7	.0	1	2892.9	.0	1	938.9	.0	1	4437.2	.0	1	7122.0	.0
7-27-66	6	52.0	4.6	6	251.7	15.7	6	463.4	22.7	6	157.0	21.2	6	757.0	79.5	6	1359.3	37.3
8-4-66	6	44.9	5.3	6	204.2	24.1	6	696.0	254.8	6	138.9	14.0	6	633.8	75.4	6	2351.2	994.2
8-10-66	6	35.7	3.9	5	161.6	19.4	5	454.8	43.4	6	99.6	5.0	5	405.4	33.5	5	1334.4	94.4
8-17-66	6	28.3	3.3	6	124.8	17.1	6	269.3	53.1	6	91.4	15.9	6	378.5	55.0	6	777.3	123.1
8-25-66	5	85.9	13.2	4	392.3	58.4	4	1130.9	238.9	5	252.5	19.1	4	1088.3	59.7	4	3259.2	617.9
8-31-66	5	246.5	21.8	4	1080.6	98.6	4	2140.3	423.4	5	1083.8	128.6	4	4386.2	234.2	4	8511.3	1220.6
9-21-66	6	304.5	23.1	6	1084.5	154.9	6	5800.1	889.5	6	1340.3	114.6	6	8290.6	750.1	6	25538.2	4082.3
10-12-66	6	660.4	56.8	6	3518.3	520.6	6	8009.2	1544.4	6	1923.7	246.1	6	18079.0	1721.2	6	22368.5	4462.7
11-2-66	4	500.2	69.3	1	1763.0	.0	1	3506.2	.0	4	1766.0	339.8	1	7627.6	.0	1	15170.0	.0
12-14-66	1	471.3	.0	1	1636.4	.0	1	4014.5	.0	1	1194.0	.0	1	4145.6	.0	1	10170.4	.0
2-15-67	1	426.7	.0	1	1539.9	.0	1	2498.2	.0	1	2710.0	.0	1	9779.9	.0	1	15866.2	.0
7-14-67	4	81.5	36.0	4	308.9	147.3	4	502.3	224.3	4	432.8	170.4	4	1582.0	597.5	4	2620.4	908.4
9-26-67	1	.0	.0	1	.0	.0	1	.0	.0	1	1095.0	.0	1	4838.9	.0	1	10849.4	.0

ACROCHEILIS ALUTACEUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF NP 239					PER GRAM ASH WEIGHT					PICOCURIES OF RU-RH 106					PER GRAM ASH WEIGHT				
	WET WEIGHT		DRY WEIGHT		N	WET WEIGHT		DRY WEIGHT		N	WET WEIGHT		DRY WEIGHT		N	WET WEIGHT		DRY WEIGHT		N
	MEAN	S E	MEAN	S E		MEAN	S E	MEAN	S E		MEAN	S E	MEAN	S E		MEAN	S E	MEAN	S E	
4-13-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	1210.1	173.9	0	.0	.0	0	.0	0	.0
4-15-66	0	.0	.0	0	0	.0	0	.0	0	.0	5	732.2	208.1	0	.0	.0	0	.0	0	.0
4-26-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	.0	.0	6	.0	.0	6	.0	6	.0
5-17-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	.0	.0	0	.0	.0	0	.0	0	.0
6-7-66	0	.0	.0	0	0	.0	0	.0	0	.0	4	247.5	247.5	2	1405.3	1405.3	2	2031.2	2031.2	
6-18-66	0	.0	.0	0	0	.0	0	.0	0	.0	1	.0	.0	1	.0	.0	1	.0	1	.0
7-27-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	28.6	28.6	6	134.3	134.3	6	230.3	230.3	
8-4-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	.0	.0	6	.0	.0	6	.0	6	.0
8-10-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	.0	.0	5	.0	.0	5	.0	5	.0
8-17-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	7.5	7.5	6	43.5	43.5	6	117.0	117.0	
8-25-66	0	.0	.0	0	0	.0	0	.0	0	.0	5	.0	.0	4	.0	.0	4	.0	4	.0
8-31-66	0	.0	.0	0	0	.0	0	.0	0	.0	5	.0	.0	4	.0	.0	4	.0	4	.0
9-21-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	.0	.0	6	.0	.0	6	.0	6	.0
10-12-66	0	.0	.0	0	0	.0	0	.0	0	.0	6	.0	.0	6	.0	.0	6	.0	6	.0
11-2-66	0	.0	.0	0	0	.0	0	.0	0	.0	4	.0	.0	1	.0	.0	1	.0	1	.0
12-14-66	1	171.6	.0	1	595.0	.0	1	1461.7	.0	1	.0	.0	1	.0	.0	1	.0	1	.0	.0
2-15-67	1	265.2	.0	1	957.1	.0	1	1552.7	.0	1	.0	.0	1	.0	.0	1	.0	1	.0	.0
7-14-67	4	1530.6	996.3	4	6430.5	4278.5	4	13223.7	9767.4	4	665.5	461.5	4	2035.5	1964.5	4	5858.6	4425.0		
9-26-67	1	1710.0	.0	1	7556.7	.0	1	16942.9	.0	1	3103.0	.0	1	13712.5	.0	1	30745.0	.0		

ACROCHEILUS ALUTACEUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF ZR-ND 95						PICOCURIES OF BA-LA 140						PER GRAM					
	NET WEIGHT			DRY WEIGHT			NET WEIGHT			DRY WEIGHT			ASH			WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
3-15-66	6	119.3	27.6	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4- 5-66	5	221.5	34.4	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-26-66	6	1169.5	1072.7	6	4337.0	3932.8	6	6690.7	5868.6	6	265.5	64.0	6	1000.6	219.6	6	2068.7	415.6
5-17-66	6	3150.0	1934.6	0	.0	.0	0	.0	.0	6	438.1	72.3	0	.0	.0	0	.0	.0
6- 7-66	4	298.8	282.6	2	1626.2	1626.2	2	2350.6	2350.6	4	377.0	114.4	2	1125.6	363.0	2	1549.1	446.8
6-28-66	1	53.0	.0	1	250.5	.0	1	402.1	.0	1	512.9	.0	1	2424.0	.0	1	3890.0	.0
7-27-66	6	198.5	169.8	6	938.2	795.4	6	1663.5	1357.3	6	19.3	4.1	6	90.1	20.2	6	188.6	40.5
8- 4-66	6	16.0	5.3	6	76.1	25.5	6	150.5	53.9	6	24.8	6.4	6	110.7	24.9	6	626.8	413.8
8-10-66	6	10.4	1.3	5	48.9	5.4	5	139.2	27.7	6	19.4	1.6	5	92.7	10.7	5	260.6	20.5
8-17-66	6	10.9	1.0	6	47.5	5.3	6	101.4	17.9	6	13.8	4.8	6	59.6	20.2	6	124.7	47.5
8-25-66	5	95.6	49.4	4	513.9	260.0	4	1759.5	1135.5	5	46.8	8.6	4	217.0	43.4	4	619.4	151.6
8-31-66	5	107.5	20.6	4	538.2	115.6	4	1076.5	312.4	5	251.3	20.3	4	1002.0	63.7	4	2098.5	344.7
9-21-66	6	262.1	153.4	6	1675.0	1009.6	6	4569.7	2566.8	6	426.3	46.6	6	2639.0	303.5	6	8179.4	1490.8
10-12-66	6	848.4	370.2	6	4208.5	1762.9	6	8691.0	3561.1	6	1120.4	124.8	6	5968.0	1013.9	6	13530.2	2746.9
11- 2-66	4	310.2	129.7	1	2282.6	.0	1	4539.6	.0	4	435.5	79.2	1	1594.1	.0	1	3170.4	.0
12-14-66	1	178.9	.0	1	621.2	.0	1	1523.9	.0	0	.0	.0	0	.0	.0	0	.0	.0
2-15-67	1	135.9	.0	1	490.4	.0	1	795.7	.0	0	.0	.0	0	.0	.0	0	.0	.0
7-14-67	4	230.5	185.6	4	981.6	789.9	4	2100.3	1792.6	0	.0	.0	0	.0	.0	0	.0	.0
4-26-67	1	1153.0	.0	1	5095.2	.0	1	11424.1	.0	0	.0	.0	0	.0	.0	0	.0	.0

[illegible]

MYLOCHEILUS CAURINUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF CS 137						PICOCURIES OF CE-PR 144						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

6-21-66	2	4.9	4.9	2	20.2	20.2	2	141.5	141.5	2	.0	.0	2	.0	.0	2	.0	.0

MYLOCHEILUS CAURINUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF				SC 46				PER GRAM				PICOGRAPHS OF				CO 60				PER GRAM			
	WET	WEIGHT	MEAN	SE	WET	WEIGHT	MEAN	SE	WET	WEIGHT	MEAN	SE	WET	WEIGHT	MEAN	SE	WET	WEIGHT	MEAN	SE	WET	WEIGHT	MEAN	SE
6-21-66	2	.3	.0	2	.1	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

MYLOCHEILUS CAURINUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF				CR 51				PER GRAM				PICOGRAPHS OF				MN 54				PER GRAM			
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

6-21-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

MYLIOCHILIS CAURINUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF WET WEIGHT				FE 59 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOGRAPHS OF WET WEIGHT				ZN 65 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
6-21-66	2	33.3	9.9	2	135.4	42.2	2	1025.6	221.1	2	210.5	145.5	2	801.8	602.5	2	6258.3	4020.5						

MYLOCHEILUS CAURINUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF NP 239						PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT					
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			
6-21-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0

MYLICHILIS CAURINUS

ENTIRE MOUTH GUT CONTENT SMALL FISH

DATE	PICOGRAPHS OF ZR-HB 95									PICOGRAPHS OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
4-21-66	2	5.3	5.0	2	23.0	23.8	2	167.3	167.3	2	11.1	11.1	2	45.0	45.0	2	319.8	319.8

MYLOCHEILUS CAURINUS

ENTIRE MINUS BUT CONTENT SMALL FISH

DATE	PICOCURIES OF					BA 140					PER GRAM					PICOCURIES OF					LA 140					PER GRAM				
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

6-21-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

MYLOCHEILUS CAURINUS										MUSCLE										LARGE FISH											
DATE		PICOGRAPHS OF					SC 46					PER GRAM					PICOGRAPHS OF					CO 60					PER GRAM				
		WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT				
N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N			
3-15-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	1.2	.0	1	.0	1	0.3	.0	1	110.1	.0	1	.0			
4-5-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	1.2	.0	1	.0	1	0.2	.0	1	107.6	.0	1	.0			
9-21-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.6	.0	1	.0	1	3.0	.0	1	52.1	.0	1	.0			
2-14-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.0	.0	.0	1	.7	.0	1	.0	1	2.9	.0	1	67.7	.0	1	.0			

MYLOCHEILUS CAURINUS				MUSCLE				LARGE FISH			
DATE	N	PICOCURIES OF			CR 51			PER GRAM			PER GRAM
		WET WEIGHT	DRY WEIGHT	ASH	WET WEIGHT	DRY WEIGHT	ASH	WET WEIGHT	DRY WEIGHT	ASH	
		MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN
3-15-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0
4-5-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0
6-21-66	1	2.8	.0	1	15.0	.0	1	261.2	.0	1	.0
10-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	77.1

MYLOCHEILUS CAURINUS										MUSCLE										LARGE FISH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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3-15-66		1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0

MYLOCHEILUS CAURINUS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF						LA 140						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-60	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4- 5-60	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
9-21-60	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-14-60	1	.0	.0	1	.0	.0	1	.0	.0	1	10.8	.0	1	40.0	.0	1	1058.0	.0

MYLOCHEILUS CALURINUS									
LARGE FISH									
CARCASS									
PICOGRAPHS OF									
WET WEIGHT									
N MEAN S E N MEAN S E N MEAN S E N MEAN S E N MEAN S E N MEAN S E N MEAN S E									
DATE	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
3-15-66	1	.0	.0	1	.0	.0	1	.0	.0
4-5-66	1	.0	.0	1	.0	.0	1	.0	.0
9-21-66	1	.0	.0	1	2.6	.0	1	14.6	.0
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0

MYLOCHEILUS CAURINUS									
LARGE FISH									
CARCASS									
PICOGRAPHS OF									
WET WEIGHT									
CR 51									
PER GRAM									
ASH WEIGHT									
PICOGRAPHS OF									
WET WEIGHT									
MN 54									
PER GRAM									
ASH WEIGHT									
PICOGRAPHS OF									
WET WEIGHT									
MN 54									
PER GRAM									
ASH WEIGHT									
DATE	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
3-15-66	1	.0	.0	1	.0	.0	1	10.8	.0
4-5-66	1	.0	.0	1	.0	.0	1	6.8	.0
9-21-66	1	12.6	.0	1	41.4	.0	1	3.2	.0
12-14-66	1	.0	.0	1	.0	.0	1	8.5	.0

MYLOCHEILUS CAURINUS									
LARGE FISH									
CARCASS									
PICOGRAPHS OF									
WET WEIGHT									
DRY WEIGHT									
NP 219									
PER GRAM									
ASH									
WET WEIGHT									
PICOGRAPHS OF									
DRY WEIGHT									
RU-RH 106									
PER GRAM									
ASH									
WET WEIGHT									
PICOGRAPHS OF									
DRY WEIGHT									
MEAN									
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N									
DATE									

3-15-66	0	.0	.0	.0	.0	.0	.0	.0	.0
4-5-66	0	.0	.0	.0	.0	.0	.0	.0	.0
9-21-66	0	.0	.0	.0	.0	.0	.0	.0	.0
12-14-66	1	.0	.0	.0	.0	.0	.0	.0	.0

[illegible]

MYLOCHEILUS CAURINUS										LARGE FISH									
GUT CONTENT										PER GRAM									
PICOGRAPHS OF										SC 46									
WET WEIGHT					DRY WEIGHT					WET WEIGHT					DRY WEIGHT				
N					MEAN					S					E				
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ATLANTIC ILA CAIKINUS		GUT CONTENT										LARGE FISH									
		PICOCLURUS OF					CR 51					PER GRAM					ASH WEIGHT				
		NET WEIGHT		SE N			DRY WEIGHT		SE N			ASH WEIGHT		SE N			NET WEIGHT		SE N		
		MEAN	SE	MEAN	SE	MEAN	MEAN	SE	MEAN	SE	MEAN	MEAN	SE	MEAN	SE	MEAN	MEAN	SE	MEAN	SE	MEAN
DATE		*****																			
3-15-66	1	1071.0	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	198.2	.0	0	.0
4-5-66	1	577.3	.0	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	55.9	.0	0	.0
12-14-66	1	1398.0	.0	1	3455.6	.0	1	11931.9	.0	1	124.6	.0	1	308.0	.0	1	1063.5	.0	1	1063.5	.0

[illegible]

MYLOCHEILUS CAURINUS									
LARGE FISH									
GUT CONTENT									
PICOCHURIES OF ZR-140 95 PER GRAM									
WET WEIGHT DRY WEIGHT									
PICOCHURIES OF BA-LA 140 PER GRAM									
WET WEIGHT DRY WEIGHT									
DATE	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
3-15-66	1	41.3	.0	0	.0	.0	0	.0	.0
4-5-66	1	.0	.0	0	.0	.0	0	.0	.0
12-14-66	1	142.0	.0	1	351.0	.0	1	1212.0	.0

MYLOCHEILUS CAURINUS

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF BA 140									PICOCURIES OF LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
1-15-66	3	.0	.0	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
4-5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
12-14-66	1	.0	.0	1	.0	.0	1	.0	.0	1	585.6	.0	1	1447.5	.0	1	4998.1	.0

RHINICHTHYS SPP.

ENTIRE MINUS BUT CONTENT SMALL FISH

DATE	PICOCURIES OF CS 137				PER GRAM				PICOCURIES OF CE-PR 144				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT				WET WEIGHT		DRY WEIGHT		ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	
8-29-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	

KHINICHTHYS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF SC 46									PICOCURIES OF CO 60								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-29-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RHINICHTHYS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF CR 51				PER GRAM				PICOCURIES OF MN 54				PER GRAM			
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT					
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	
8-29-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	

PHILICHTHYS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	N	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			N	PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
8-29-66	1	21.2	.0	1	85.8	.0	1	700.6	.0	1	86.2	.0	1	348.6	.0	1	2847.7	.0		

RHINICHTHYS SPP,

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF NP 239				PER GRAM				PICOCURIES OF RU-RH 106				PER GRAM				
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	

6-29-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0

RHINILCHTHYS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-23-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

RHINICHTHYS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF				BA 140				PER GRAM				PICOCURIES OF				LA 140				PER GRAM			
	WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-29-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

B-434

GASTEROSTEUS ACULEATUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF CS 137						PICOCURIES OF CE-PR 144					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

5-31-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-21-66	1	4.6	.0	1	17.9	.0	1	96.2	.0	1	.0	.0
7-12-66	3	1.1	1.1	3	3.9	3.9	3	22.3	22.3	3	.0	.0
8- 3-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0

WATERBURY ACULEATUS ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCHLORIS OF			CR 51			PER GRAM			PICOCHLORIS OF			MN 54			PER GRAM		
	MEAN	S	E	MEAN	S	E	MEAN	S	E	MEAN	S	E	MEAN	S	E	MEAN	S	E
5-11-66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6-21-66	84.6	0	0	331.4	0	0	1784.8	0	0	0	0	0	0	0	0	0	0	0
7-12-66	55.1	11.9	3	203.3	43.9	3	1322.9	367.1	3	2.2	1.1	3	4.2	4.1	3	48.7	24.5	3
8-5-66	5.8	5.8	3	21.1	21.1	3	121.6	121.6	3	0	0	3	0	0	3	0	0	0

GASTEROSTEUS ACULEATUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF WET WEIGHT				FE 59 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				ZN 65 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

5-31-66	1	43.2	.0	1	163.7	.0	1	940.6	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-21-66	1	22.9	.0	1	89.9	.0	1	484.2	.0	1	53.0	.0	1	207.9	.0	1	1119.2	.0	1	.0	.0	1	.0	.0
7-12-66	3	14.1	1.0	3	51.8	3.0	3	320.4	19.0	3	117.9	7.5	3	435.2	29.0	3	2796.5	386.3	3					
8-3-66	3	12.8	2.1	3	47.8	8.1	3	314.1	65.0	3	105.7	18.9	3	395.7	72.6	3	2592.6	551.7	3					

GASTROSTOMUS ACULLATUS										ENTIRE MINUS GUT CONTENT SMALL FISH									
PICOGRAPHS OF DRY WEIGHT					PER GRAM					PICOGRAPHS OF DRY WEIGHT					PER GRAM				
WET WEIGHT		MEAN			SE		N		ASH		WET WEIGHT		MEAN			SE		N	
*****		*****			*****		*****		*****		*****		*****			*****		*****	
DATE	ID	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N	MEAN	SE	N

1-11-66	2	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	0
1-21-66	3	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	0
1-22-66	4	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	0
1-23-66	5	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	3	.0	.0	3	.0	.0	0

GASTEROSTYLUS ACULEATUS

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIRES OF ZR-NB 95									PICOCURIRES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

5-31-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-21-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
7-12-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0
8-3-66	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0	3	.0	.0

CASTEIOSIUS ACULEATUS ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	N	WET WEIGHT			PICOGRAPHS OF			BA 120			PER GRAM			LA 140			PER GRAM		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
5-11-66	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
6-21-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
7-12-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0
8-5-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0

PERCA FLAVESCENS		MUSCLE				LARGE FISH				PICOCURIES OF				CE-PR 144				PER GRAM			
		WET WEIGHT		DRY WEIGHT		CS 137		PER GRAM		WET WEIGHT		DRY WEIGHT		CE-PR 144		PER GRAM					
		MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE				
DATE	N																				
3-15-66	1	1.3	.0	6.9	.0	105.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
8-28-66	1	1.3	.0	6.9	.0	105.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				

PERCA FLAVESCENS

MUSCLE

LARGE FISH

DATE	N	PICOCURIES OF			SC 46			PER GRAM			PICOCURIES OF			CO 60			PER GRAM		
		NET WEIGHT			DRY WEIGHT			ASH WEIGHT			NET WEIGHT			DRY WEIGHT			ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
5-15-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1

PERCA FLAVESCENS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			CR 51 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			MN 54 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

E-224

PERLA FLAVESCENS				MUSCLE				LARGE FISH				
DATE	N	PICOGRAPHS OF		FE 59	PER GRAM		WEI	PICOGRAPHS OF		ZN 65	PER GRAM	
		WEI	WEI		ASH	WEI		WEI	ASH		WEI	
		MEAN	S L	MEAN	S E	N		MEAN	S E	N	MEAN	S E
3-15-66	1	.0	.0	.0	.0	1	.0	.0	.0	1	.0	.0
6-28-66	1	.0	.0	.0	.0	1	.0	.0	.0	1	.0	.0

PELCA FLAVESCENS

MUSCLE

LARGE FISH

DATE	PICOCURIES OF ZR-NB 95 PER GRAM									PICOCURIES OF UA-LA 140 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

PERCA FLAVESCENS										MUSCLE										LARGE FISH									
DATE		PICOGRAPHS OF			BA 140			PER GRAM			PICOGRAPHS OF			LA 140			PER GRAM			PICOGRAPHS OF			LA 140			PER GRAM			
		WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE	WET	MEAN	SE				
3-15-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
6-28-66	0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				

PERCA FLAVESCENS

CARCASS

LARGE FISH

DATE	PICOCURIES OF CS 137						PER GRAM						PICOCURIES OF CE-PR 144						PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
*****	*****																										
3-15-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0			
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0			

PERCA FLAVESCENS

CARCASS

LARGE FISH

DATE	PICOCURIES OF					SC 46					PER GRAM					PICOCURIES OF					CO 60					PER GRAM				
	WET WEIGHT					DRY WEIGHT					ASH WEIGHT					WET WEIGHT					DRY WEIGHT					ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E		

3-15-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0		
6-28-66	1	.0	.0	1	.0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0		

PERCA FLAVESCENS

CARCASS

LARGE FISH

DATE	PICOCURIES OF CR 51									PICOCURIES OF MN 54								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	1.3	.0	1	3.8	.0	1	13.2	.0

PERCA FLAVESCENS

CARCASS

LARGE FISH

DATE	PICOCURIES OF FE 59									PICOCURIES OF ZN 65								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	1	.0	.0	1	.0	.0	1	.0	.0	1	61.4	.0	1	174.5	.0	1	1012.9	.0
6-28-66	1	.0	.0	1	.0	.0	1	.0	.0	1	11.5	.0	1	34.3	.0	1	119.0	.0

PERCA FLAVESCENS

CARCASS

LARGE FISH

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	NET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			NET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

3-15-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
6-28-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

PERCA FLAVESCENS

CARCASS

LARGE FISH

DATE	PICOCURIES OF ZR-NB 95									PICOCURIES OF SA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	N	MEAN	S E N	MEAN	S E N	MEAN	S E N		

3-15-66	1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0 0	.0	.0	
6-28-66	1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0 1	.0	.0	

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137					PER GRAM					PICOCURIES OF CE-PR 144					PER GRAM				
	WET WEIGHT		DRY WEIGHT			ASH WEIGHT					WET WEIGHT		DRY WEIGHT			ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E

7-27-66	1	.7	.0	1	2.8	.0	1	15.7	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0
8-17-66	4	.7	.0	4	2.6	.0	4	17.2	2.2	4	.0	.0	4	.0	.0	4	.0	.0	4	.0

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOGRAPHS OF			SC 46			PER GRAM			PICOGRAPHS OF			CO 60			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-27-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.2	.0	1	.7	.0	1	3.6	.0
8-17-66	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.1	.0	4	.7	.7

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CR 51									PICOCURIES OF MN 54								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

7-27-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-17-66	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 PER GRAM ASH WEIGHT				
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
7-27-66	1	1.1	.0	1	4.4	.0	1	24.6	.0	1	33.3	.0	1	128.8	.0	1	713.5	.0		
8-17-66	4	.0	.0	4	.0	.0	4	.0	.0	4	32.6	.5	4	123.5	.5	4	806.4	58.3		

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****																	
7-27-66	0	.0	.0	0	.0	.0	0	.0	.0	1	4.1	.0	1	15.9	.0	1	87.9	.0
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	4	.0	.0	4	.0	.0	4	.0	.0

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZH-NB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
7-27-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
8-17-66	4	.0	.0	4	.0	.0	4	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

MICROPTERUS DOLOMIEUI

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				BA 140 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				LA 140 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
7-27-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0
8-17-66	0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0	.0	.0	.0	0

MICROPTERIS DOLOMIEUI

MUSCLE

LARGE FISH

DATE	PICOCURIES OF CS 137						PER GRAM			PICOCURIES OF CE-PR 144						PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-22-66	1	1.0	.0	1	4.8	.0	1	83.2	.0	1	.0	.0	1	.0	.0	1	.0	.0
4-5-66	3	.8	.0	3	4.1	1.0	3	70.7	17.6	3	.0	.0	3	.0	.0	3	.0	.0
6-28-66	2	1.3	.0	2	6.3	.0	2	108.4	13.2	2	.0	.0	2	.0	.0	2	.0	.0
8-10-66	1	1.1	.0	1	5.6	.0	1	94.8	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-31-66	1	1.0	.0	1	4.5	.0	1	86.8	.0	1	.0	.0	1	.0	.0	1	.0	.0
9-21-66	8	.8	.0	8	3.7	.4	8	65.0	7.2	8	.0	.0	8	.0	.0	8	.0	.0
10-12-66	5	.8	.0	5	3.7	.0	5	74.8	2.4	5	4.4	.0	5	19.4	1.0	5	367.5	9.2
12-14-66	2	1.0	.0	2	4.2	.0	2	86.2	13.6	2	.0	.0	2	.0	.0	2	.0	.0

[illegible]

MICROPTERUS DOLOMIEUI

CARCASS

LARGE FISH

DATE	PICOCURIES OF			CS 137			PER GRAM			PICOCURIES OF			CE-PR 144			PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

2-22-66	1	1.4	.0	1	3.9	.0	1	22.4	.0	1	.0	.0	1	.0	.0	1	.0	.0
4-5-66	3	1.7	1.1	3	4.9	3.2	3	28.3	18.6	3	.0	.0	3	.0	.0	3	.0	.0
6-28-66	2	.6	.0	2	1.8	.0	2	9.8	1.4	2	.0	.0	2	.0	.0	2	.0	.0
8-10-66	1	.7	.0	1	2.0	.0	1	9.1	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-31-66	1	.4	.0	1	1.3	.0	1	10.2	.0	1	.0	.0	1	.0	.0	1	.0	.0
9-21-66	8	.4	.0	8	1.1	.0	8	6.6	1.5	8	.6	.6	8	1.7	1.7	8	10.3	10.3
10-12-66	5	.2	.0	5	.5	.0	5	3.0	3.0	5	20.2	1.3	5	94.3	4.0	5	303.1	22.1
12-14-66	2	.3	.0	2	.9	.0	2	5.3	5.3	2	.0	.0	2	.0	.0	2	.0	.0

MICROPTERIS DOLOMIEUI		GUT CONTENT				LARGE FISH				PICOCURIES OF CE-PH 144				PER GRAM			
		CS 137				PER GRAM				WET WEIGHT				ASH			
		DRY WEIGHT				DRY WEIGHT				DRY WEIGHT				DRY WEIGHT			
		MEAN				MEAN				MEAN				MEAN			
		S E N				S E N				S E N				S E N			
		SE				SE				SE				SE			
		N				N				N				N			
		DATE				DATE				DATE				DATE			
		1				1				1				1			
		2				2				2				2			
		10-10-66				10-10-66				10-10-66				10-10-66			
		11-17-66				11-17-66				11-17-66				11-17-66			

MICROPTERUS DOLOMIEUI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF				SC #6				PER GRAM				PICOCURIES OF				CO 60				PER GRAM			
	WET WEIGHT		DRY WEIGHT		WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		WEIGHT		ASH WEIGHT	
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-17-66	2	.0	.0	1	.0	.0	1	.0	.0	2	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

MICROPTERUS DOLOMIEUI

GUT CONTENT

LARGE FISH

DATE	N	PICOGRUES OF			CR 51			PER GRAM			PICOGRUES OF			MN 54			PER GRAM		
		WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
8-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1
8-17-66	2	.0	.0	1	.0	.0	1	.0	.0	2	.0	.0	1	.0	.0	1	.0	.0	1

MICROPTERUS DOLOMIEUI

OUT CONTENT

LARGE FISH

DATE	PICOCURIES OF WET WEIGHT			FE 59 DRY WEIGHT			PER GRAM ASH WEIGHT			PICOCURIES OF WET WEIGHT			ZN 65 DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-10-66	1	7.2	.0	1	29.4	.0	1	139.3	.0	1	33.6	.0	1	138.3	.0	1	655.7	.0
8-17-66	2	5.9	5.9	1	.0	.0	1	.0	.0	2	92.1	13.9	1	457.5	.0	1	3228.2	.0

MICROPTERUS DOLOMIEUI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF NP 239					PER GRAM					PICOCURIES OF RU-RH 106					PER GRAM				
	WET WEIGHT		DRY WEIGHT			ASH WEIGHT		DRY WEIGHT			ASH WEIGHT		DRY WEIGHT			ASH WEIGHT		DRY WEIGHT		
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
8-10-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	.0	.0
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	1	.0	.0	1	.0	.0	.0	.0

MICROPTERUS DOLOMIEUI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF ZR-HB 95									PICOCURIES OF BA-LA 140								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

8-10-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0
8-17-66	2	.0	.0	1	.0	.0	1	.0	.0	2	.0	.0	1	.0	.0	1	.0	.0

MICROPTERUS DOLOMICUI

GUT CONTENT

LARGE FISH

DATE	PICOCURIES OF									LA 140								
	WET WEIGHT			BA 140			PER GRAM			WET WEIGHT			DRY WEIGHT			PER GRAM		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
6-10-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0
5-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0

COTTUS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF CS 137						PER GRAM			PICOCURIES OF CE-PR 144						PER GRAM		
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****																	
6-21-66	1	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
7-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

B-4184

COTTUS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF SC 46					PER GRAM					PICOCURIES OF CO 60					PER GRAM				
	WET	WEIGHT	MEAN	SE	N	WET	WEIGHT	MEAN	SE	N	WET	WEIGHT	MEAN	SE	N	WET	WEIGHT	MEAN	SE	N
6-21-66	1	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	.0	0
7-12-66	2	.9	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	.0	2

B-485

COTTUS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	N	PICOCURIES OF WET WEIGHT			CR SI DRY WEIGHT			PER GRAM ASH WEIGHT			N	PICOCURIES OF WET WEIGHT			MN SN DRY WEIGHT			PER GRAM ASH WEIGHT		
		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N		MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
6-21-66	1	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	.0	.0
7-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	1.0	1.0	2	4.0	4.0	2	27.5	27.5		

COTTUS SP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF FE 59 PER GRAM									PICOCURIES OF ZN 65 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
6-21-66	1	32.5	.0	0	.3	.0	0	.0	.0	1	256.4	.0	0	.0	.0	0	.0	.0
7-12-66	2	9.6	1.2	2	40.2	5.2	2	207.1	47.7	2	99.7	17.4	2	417.3	72.9	2	2984.4	632.8

COPTUS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF NP 239									PICOCURIES OF RU-RH 106								
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

6-21-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0
7-12-66	0	.0	.0	0	.0	.0	0	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

COTTUS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF ZR-NB 95						PICOCURIES OF BA-LA 140						PER GRAM					
	WET WEIGHT			DRY WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E

6-21-66	1	.0	.0	0	.0	.0	0	.0	.0	1	23.6	.0	0	.0	.0	0	.0	.0
7-12-66	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0	2	.0	.0

B-489

COTTUS SPP.

ENTIRE MINUS GUT CONTENT SMALL FISH

DATE	PICOCURIES OF BA 140 PER GRAM									PICOCURIES OF LA 140 PER GRAM								
	WET WEIGHT			DRY WEIGHT			ASH WEIGHT			WET WEIGHT			DRY WEIGHT			ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
6-21-66	0	.0	.0 0	.0	.0 0	.0 0	.0	.0	.0 0	.0	.0 0	.0 0	.0	.0 0	.0 0	.0	.0 0	.0 0
7-12-66	0	.0	.0 0	.0	.0 0	.0 0	.0	.0	.0 0	.0	.0 0	.0 0	.0	.0 0	.0 0	.0	.0 0	.0 0

ALUSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CS 137						PICOCURIES OF CE-PR 144											
	WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT			WET WEIGHT			DRY WEIGHT			PER GRAM ASH WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
8-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

ALOSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT				SC 46 DRY WEIGHT				PER GRAM ASH WEIGHT				PICOCURIES OF WET WEIGHT				CO 60 DRY WEIGHT				PER GRAM ASH WEIGHT			
	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E
8-17-66	1	.1	.0	1	.3	.0	1	2.3	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

ALOSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF CR 51			PER GRAM			PICOCURIES OF MN 54			PER GRAM		
	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT	WET WEIGHT	DRY WEIGHT	ASH WEIGHT
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
B-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0

ALOSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF WET WEIGHT					FE 59 PER GRAM ASH WEIGHT					PICOCURIES OF WET WEIGHT					ZN 65 PER GRAM ASH WEIGHT				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
8-17-66	1	.0	.0	1	.0	.0	1	.0	.0	1	.8	.0	1	4.1	.0	1	29.2	.0		

ALOSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF NP 239					PER GRAM ASH WEIGHT					PICOCURIES OF RU-RH 106					PER GRAM ASH WEIGHT				
	WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT			WET WEIGHT		DRY WEIGHT		
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	
8-17-66	0	.0	.0	0	.0	.0	0	.0	.0	1	.0	.0	1	.0	.0	1	.0	.0	.0	

B-495

ALOSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF ZR-NB 95										PICOCURIES OF BA-LA 140																			
	WET WEIGHT					DRY WEIGHT					PER GRAM					WET WEIGHT					DRY WEIGHT					PER GRAM				
	ASH WEIGHT					ASH WEIGHT					ASH WEIGHT					ASH WEIGHT					ASH WEIGHT									
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E			
*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			
8-17-66	1	.0	.0	1	.0	.0	1	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0			

ALOSA SAPIDISSIMA

ENTIRE MINUS GUT CONTENT LARGE FISH

DATE	PICOCURIES OF					BA 140					PER GRAM					PICOCURIES OF					LA 140					PER GRAM				
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT							
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E						
0-17-66	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0	0	.0	.0						

B-497

LOTA LOTA		MUSCLE																	
DATE	N	PICOGRAPHS OF				PER GRAM				PICOGRAPHS OF				PER GRAM					
		WEI		DRY		ASH		WEI		DRY		ASH		WEI		DRY		ASH	
		MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E	MEAN	S E
7-14-67	1	1	0	1	4	0	1	76	0	1	0	1	0	1	0	1	0	1	0

LOVA LOTA

		MUSCLE											
		PICOGRUES OF				SC 46				PER GRAM			
		WET WEIGHT		DRY WEIGHT		WET WEIGHT		SC 46		PER GRAM		PER GRAM	
		MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE	MEAN	SE
DATE	N	1	0	0	1	0	0	0	1	0	0	1	0
7-14-67	1	0	0	1	0	0	0	0	1	0	0	1	0

LOTA LOTA		MUSCLE											
		PICOCUNIES OF				FE 59				PER GRAM			
		WET WEIGHT		DRY WEIGHT		WET WEIGHT		ASH WEIGHT		WET WEIGHT		ASH WEIGHT	
		MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N	MEAN	S E N
DATE	N	1	0	1	6	0	1	118	0	1	118	0	1
7-14-67	1	1	0	1	6	0	1	118	0	1	118	0	1

LOTA LOTA

MUSCLE

DATE	PICOCURIES OF NP 239										PICOCURIES OF RU-RH 100									
	WET WEIGHT					PER GRAM					WET WEIGHT					PER GRAM				
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N
7-14-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0

LOTA LOTA
 MUSCLE
 PICOGRUES OF ZR-NB 95 PER GRAM
 WET WEIGHT DRY WEIGHT
 DATE N MEAN S E N MEAN S E N MEAN S E N MEAN S E N MEAN S E

 7-14-67 1 0 0 1 1 0 1 23 0 0 0 0 0 0 0 0 0 0 0 0

MUSCLE

B-504

CARCASS													
PICOURIES OF CS 137				PER GRAM				PICOURIES OF CS-138 144				PER GRAM	
WET WEIGHT		DRY WEIGHT		ASH		WET WEIGHT		DRY WEIGHT		ASH		WET WEIGHT	
N	MEAN	S	E	N	MEAN	S	E	N	MEAN	S	E	N	MEAN
DATE													
7-14-67	1	1	0	1	2	0	1	19	0	1	0	1	0

LUTA LOTA

CARCASS

DATE	PICOCURIES OF CR 51					PER GRAM					PICOCURIES OF MH 54					PER GRAM				
	WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT		WET WEIGHT		DRY WEIGHT		ASH WEIGHT			
	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E	N	MEAN	S E		
7-14-67	1	0	0	1	0	0	1	0	0	1	1	0	1	2	0	1	27	0		

LOTA LOTA
 CARCASS
 DATE 7-14-67
 N 1
 MEAN 2
 SE 0
 N 1
 MEAN 5
 SE 0
 N 1
 MEAN 56
 SE 0
 N 1
 MEAN 34
 SE 0
 N 1
 MEAN 97
 SE 0
 N 1
 MEAN 1132
 SE 0

LOTA LOTA

CARCASS

DATE	PICOGRUES OF NP 239					PER GRAM ASH WEIGHT					PICOGRUES OF RU-RH 106					PER GRAM ASH WEIGHT				
	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	PER GRAM ASH WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	PER GRAM ASH WEIGHT	WET WEIGHT	DRY WEIGHT	WET WEIGHT	DRY WEIGHT	PER GRAM ASH WEIGHT					
7-14-67	1	0	0	1	0	0	1	0	0	1	0	0	1	0	0	1	0			

APPENDIX C

STANDARD WEIGHT RATIOS

	Entire - GC Large Fish		Entire - GC Small Fish		Muscle		Carcass ¹	
	wet/ dry	wet/ ash	wet/ dry	wet/ ash	wet/ dry	wet/ ash	wet/ dry	wet/ ash
White Sturgeon	4.5334	42.4806			4.9492	92.6544	4.3986	31.1030
<u>Acipenser transmontanus</u>								
Chinook Salmon	3.130	49.437	4.966	58.5932	3.9380	93.1807	3.2010	21.4003
<u>Onchorhynchus tshawytscha</u>								
Mountain Whitefish	3.4419	41.5099			4.4041	88.1950	3.1006	21.5280
<u>Prosopium williamsoni</u>								
Bridgelip Sucker	2.9162	37.4313			3.7685	86.9073	2.7994	28.9026
<u>Catostomus columbianus</u>								
Largescale Sucker	3.4360	31.1441	5.0563	33.6941	4.5313	91.5456	3.1655	22.2948
<u>Catostomus macrocheilus</u>								
Carp	3.5770	25.574			4.5934	98.9974	3.1449	20.2416
<u>Cyprinus carpio</u>								
Redside Shiner	4.3135	32.1563	4.4145	31.0426	4.436	98.364	3.1385	23.4825
<u>Richardsonius balteatus</u>								
Northern Squawfish	3.8199	31.2969	4.5513	31.5510	5.2645	95.8857	3.6841	22.5942
<u>Ptychocheilus oregonensis</u>								
Chiselmouth	3.6449	34.9875			4.5988	98.0806	3.0664	26.6690
<u>Acrocheilus alutaceus</u>								
Peamouth			4.052	31.664	5.3508	93.0328	3.2919	18.2721
<u>Mylocheilus caurinus</u>								
Smallmouth Bass	3.7973	24.7493			4.5965	85.2389	2.8400	16.4881
<u>Micropterus dolomieu</u>								

¹ Carcass represents all parts except the gut contents and the majority of the muscle tissue.

	wet/ dry	wet/ ash
Net Plankton	3.3353	4.9456
Periphyton	4.1974	12.385
Filamentous green algae		
<u>Ulothrix</u> sp.	4.72157	10.3079
Filamentous green algae		
<u>Cladophora</u> sp.	3.3279	12.1233
Filamentous green algae		
mixed	3.7000	9.8310
Sponge		
<u>Spongilla fragilis</u>	2.8103	4.6501
Caddisflies		
Hydropsychidae	3.4555	33.7930
Mayflies		
<u>Baetis</u> sp.	3.443	29.093
Midges		
Chironomidae	3.3279	12.1233
Limpet shell		
<u>Fisherola nuttalli</u>	1.1271	1.2509
Limpet soft parts		
<u>Fisherola nuttalli</u>	5.1072	33.6542
Crayfish		
<u>Astacus trowbridgii</u>	4.3044	40.6262