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Zooplankton Community Structure, Abundance and Biomass in Quesnel Lake, British Columbia: 1985-1990

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1993

Canadian Data Report of Fisheries and Aquatic Sciences 918



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ZOOPLANKTON COMMUNITY STRUCTURE, ABUNDANCE AND BIOMASS IN
QUESNEL LAKE, BRITISH COLUMBIA: 1985 - 1990

by

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Cat. No. Fs 97-13/918E ISSN 0706-6465

Correct citation for this publication:

MacLellan, S.G., K.F. Morton, and K.S. Shortreed. 1993. Zooplankton community structure, abundance and biomass in Quesnel Lake, British Columbia: 1985 - 1990. Can. Data Rep. Fish. Aquat. Sci. 918: 151p.

ABSTRACT

MacLellan, S.G., K.F. Morton and K.S. Shortreed 1993. Zooplankton community structure, abundance and biomass in Quesnel Lake, British Columbia: 1985 – 1990. Can. Data Rep. Fish. Aquat. Sci. 918: 15lp.

Zooplankton samples were collected monthly (May – October) from Quesnel Lake British Columbia from 1985 to 1988 and again in 1990. Seasonal mean zooplankton biomass ranged from $30.66 \text{ mg} \cdot \text{m}^{-3}$ in 1986 to $12.41 \text{ mg} \cdot \text{m}^{-3}$ in 1990. Zooplankton were counted, identified to genus, and measured for length. Biomass estimates were calculated using body length measurements. Results are presented in tables showing total zooplankton abundance and biomass. Tables showing length statistics, density and biomass for each taxonomic group are also presented.

RÉSUMÉ

MacLellan, S.G., K.F. Morton et K.S. Shortreed 1993. Zooplankton community structure, abundance and biomass in Quesnel Lake, British Columbia: 1985 – 1990. Can. Data Rep. Fish. Aquat. Sci. 918: 15lp.

De 1985 à 1988 et en 1990 , des échantillons de zooplancton ont été prélevés mensuellement (mai à octobre) dans le lac Quesnel, en Colombie-Britannique. La biomasse saisonnière moyenne de plancton allait de $30,66 \text{ mg} \cdot \text{m}^{-3}$ en 1986 à $12,41 \text{ mg} \cdot \text{m}^{-3}$ en 1990. Nous avons fait un dénombrement, déterminé le genre et mesuré la longueur des échantillons. L'estimation de la biomasse a été faite à partir de la longueur des spécimens individuels. Les résultats sont présentés dans des tableaux montrant l'abondance et la biomasse totales de zooplancton. La document renferme également des tableaux montrant les données de longueur, la densité et la biomasse de chaque groupe taxonomique.

INTRODUCTION

INTRODUCTION

Sockeye salmon (*Oncorhynchus nerka*) from the Fraser River support a valuable commercial fishery in British Columbia. Since Quesnel Lake is a major producer of sockeye in the Fraser River watershed it is important we assess the ability of this system to produce large numbers of high quality sockeye smolts.

Since the early 1960's, dominant cycle (1989) escapement to the Quesnel Lake area has grown exponentially to its current projected return of 16.2 million fish in 1993. The subdominant cycle (1990) has just begun to show exponential growth in recent cycles and could return 4.7 million fish in 1994.

In recent years, fisheries managers have proposed several strategies for enhancing sockeye production in Quesnel Lake. The Department of Fisheries and Oceans currently operates a spawning channel on the Horsefly River that produced from 18 to 25 million sockeye fry per year during 1989-91. DFO also operates a temperature control structure on McKinley creek (tributary to the Horsefly River) to enhance spawning success and a flow control structure at the outlet of Mitchell Lake (11 km from the mouth of the Mitchell River) to provide increased water flow to the Mitchell River spawning areas in mid winter. In addition; the Salmonid Enhancement Program (SEP) has proposed construction of a spawning channel on the Mitchell River and a second spawning channel on the Horsefly River. Spawning enhancement projects along with forecasted record escapement to the Quesnel system in 1993 has the potential of greatly increasing recruitment of juvenile sockeye to Quesnel Lake. This increased recruitment will increase demand on the lake's aquatic resources, including the juvenile sockeye's zooplankton forage base. To help meet this increased demand lake fertilization is now being considered as a means of increasing lake productivity in 1994.

Our understanding of the rearing capacity of Quesnel Lake is fundamental to the success of these enhancement programs. In 1985 we undertook a 5-yr program to study the food chain and rearing capacity of Quesnel Lake for juvenile sockeye. Since zooplankton is the main food source of juvenile sockeye, one component of our study focused on changes in the zooplankton community associated with variable populations of juvenile sockeye in Quesnel Lake. Our study will provide a basis for evaluating the effects of sockeye enhancement projects on the Quesnel Lake zooplankton community.

In this report we describe methods of sample collection and analysis during the 5-yr study (1985-1988, 1990). Results presented here include species composition and estimates of zooplankton size, density and biomass.

STUDY AREA

Quesnel Lake is a large, multibasin, dimictic lake located in the Interior Plateau and Cassiar-Columbia mountain regions of British Columbia. The lake, at an elevation of 725 m, falls within the Interior Western Hemlock biogeoclimatic zone and has a continental climate with cold winters and warm summers (Farley 1979). Annual precipitation ranges from 50 cm along the western shores to 250 cm at the ends of the northern and eastern arms (Farley 1979). Quesnel Lake has a surface area of 270 km² and a mean depth of 158 m (Stockner and Shortreed 1983). It is made up of four distinct areas or arms; a 27 km central portion, a 20 km arm at the western end of the lake running northwest to the outlet, a 32 km north arm and a 51 km east arm (Fig. 1). The lake watershed drains 5,930 km² with major inflows from the Mitchell and Horsefly rivers, and the outflow through the Quesnel River to the northwest. Both the Horsefly and Mitchell rivers are spawning areas for sockeye salmon (*Oncorhynchus nerka*) whose young rear in Quesnel Lake for 1-2 yr prior to migrating seaward as smolts.

METHODS

SAMPLING METHODS

We used three types of apparatus to collect zooplankton; Scor nets and Wisconsin nets for vertical hauls and a pump system for vertically stratified sampling. Scor nets were used in 1985, 1986, and 1987 while Wisconsin nets were used in 1988, 1990 and a few times in 1986. We made the change from scor nets to Wisconsin nets to avoid net clogging problems encountered with the earlier scor net hauls. Vertically stratified samples were collected in 1987, 1988, and 1990. A summary of samples collected is presented in Fig. 2.

Wisconsin nets had a 0.05 m² mouth opening with a 160- μm mesh size and collection bucket. Vertical hauls were made from a depth of 30 m to the surface at a tow rate of approximately 0.5 m·sec⁻¹. Scor nets had a 0.25 m² mouth opening with 100- μm mesh. Hauls were from 50 m to the surface at 0.5 m·sec⁻¹.

With the change of vertical sampling apparatus and techniques (50-m Scor hauls to 30-m Wisconsin hauls) in the middle of the study it was necessary to compare results from the two net types. Both sampling techniques were used in 1986 and we were able to make some comparisons of the two methods. We used model 1 least squares linear regression to compare the sampling efficiency of Scor and Wisconsin hauls for macrozooplankton and cladocerans (Fig. 4). We found total macrozooplankton biomass derived from Scor hauls could be multiplied by 1.3 to estimate Wisconsin hauls. Similarly, a factor of 1.73 could be used for converting total cladoceran biomass from Scor to Wisconsin hauls.

Vertically stratified samples were collected using a 12 volt pump system (Morton and MacLellan 1992). Sample water was pumped to the surface and filtered through a 20- μm mesh collection. Sample volume, which ranged from 100–200 L, was determined with an inline flowmeter. At each station we collected samples from 3–4 depth levels approximating the depths of the epilimnion, metalimnion and hypolimnion (usually 0–10 m, 10–20 m, 20–30 m).

All zooplankton samples were concentrated into 125-mL sample jars and preserved in a 4% sugared and buffered formalin solution (Haney and Hall 1973).

ANALYSIS

After 1987, samples were enumerated and measured using a microcomputer image measuring system (Microcam). Pump samples were analyzed for all crustacean zooplankton and rotifers; Wisconsin and Scoville samples for crustaceans only.

The measuring system is comprised of a video camera mounted on a dissecting microscope, a video monitor to display the image, and a 286 IBM compatible microcomputer to run the measurement software and record data. Measurements are made by marking the image with a pointing device (ie. mouse). Prior to 1988, samples were processed with an Apple computer-based measuring system similar to that described by Sprules et al. (1981) which used callipers to measure the video screen image.

For each sample processed, a scan of the entire sample at low magnification was done to identify and size large rare zooplankton. Subsequent processing involved subsampling, identification and measurement of all other zooplankton. Subsampling procedures were designed to ensure all size classes of zooplankton were adequately represented. Copepoda, Cladocera and Rotifera (where required) were identified to genus. Mysids, Chaoborus, chironomids and nauplii were identified as such. Cladoceran lengths were measured from the anterior margin of the head or helmet to the base of the tail spine; Copepoda lengths were to the base of the caudal rami as described by Koenings et al. (1987). Rotifers were measured to the base of the foot, spines or setae. Identifications and nomenclature were based on appropriate taxonomic keys (eg. Balcer et al 1984, Stemberger 1979, Kiefer 1978).

Biomass estimates were based on measured length and length-weight regressions (Fig. 3) adapted from Dumont et al. (1975), Bird and Prairie (1985), Yan and Mackie (1987), and Culver et al. (1985).

RESULTS

ZOOPLANKTON COMMUNITY

The pelagic zooplankton community of Quesnel Lake consists of 3 main groups; Copepoda, Cladocera and Rotifera. Common copepods are *Diacyclops thomasi*, *Leptodiaptomus ashlandi* and *Epischura nevadensis*. Cladocerans are dominated by *Daphnia thorata* and *Eubosmina Sp.*. Less common cladocerans include *Daphnia longiremis*, *Holopedium gibberum*, *Leptodora kindti*, *Scapholeberis kingi* and *Polyphemus pediculus*. Rotifers commonly found in Quesnel Lake include *Keratella Sp.*, *Kellicottia Sp.*, *Polyarthra Sp.* and *Conochilus SP.*. Other species of crustacean and rotarian zooplankton are usually found in small numbers only. These rare zooplankton have little or no importance in the structure of the zooplankton community or its ability to support juvenile sockeye.

TABLES

Summary results are presented in a series of tables (Tables 1-10). Each sample is identified by a station number, date, and depth range sampled (m). On those few occasions where replicate samples were taken and analyzed, the averages of the replicated samples is presented. Data included (where appropriate) consists of: zooplankton density ($No \cdot L^{-1}$ or $No \cdot m^{-3}$); zooplankton biomass ($mg \cdot m^{-3}$ or $\mu g \cdot m^{-3}$); maximum, minimum and mean lengths (μm); number of organisms counted and measured (N); the number of surveys for which data was collected (Svy).

Tables 1-3 present biomass, density and length data for each taxonomic group in alphabetical order for each sample collected. Tables 1a-1o contain data derived from pumped samples and includes data for rotifer taxa as well as crustaceans. Tables 2a-2j from Scor samples and tables 3a-3j from Wisconsin samples include data for crustaceans only.

Tables 4a-4i, 5a-5h, and 6a-6j are sample summaries for pump, Scor and Wisconsin samples respectively and are presented by station. Data includes total biomass, total density and numbers counted for macrozooplankton. For pump samples, totals for microzooplankton are also presented. Any zooplankton having a length greater than or equal to 250 μm is considered macrozooplankton.

Tables 7a-7c and 8a-8c present seasonal (May-Oct.) density and biomass averages for each station from Scor and Wisconsin samples. Data is for macrozooplankton only and includes the number of surveys done at each station that year.

Tables 9a-9j (Scor samples) and 10a-10j (Wisconsin samples) present seasonal averages (May-Oct.) for each taxa at each station. Mean biomass and mean density for crustacean zooplankton and the number of surveys are listed for each year and station. Taxa are presented in alphabetical order.

ACKNOWLEDGEMENTS

We wish to acknowledge the following people for their assistance in the collection and processing zooplankton samples: Ray Carrier, Mark Gollner, Kiyo Masuda, Bruce Nidle, Dannie Schindler, Mike Turner and Timber Whitehouse. J. C. Lee and Associates, in particular Mary-Jane Hudson, did most of the sample analysis which included counting, identification and measurement. Thanks to Vivian Magnusson for her assistance in the production and editing of this report.

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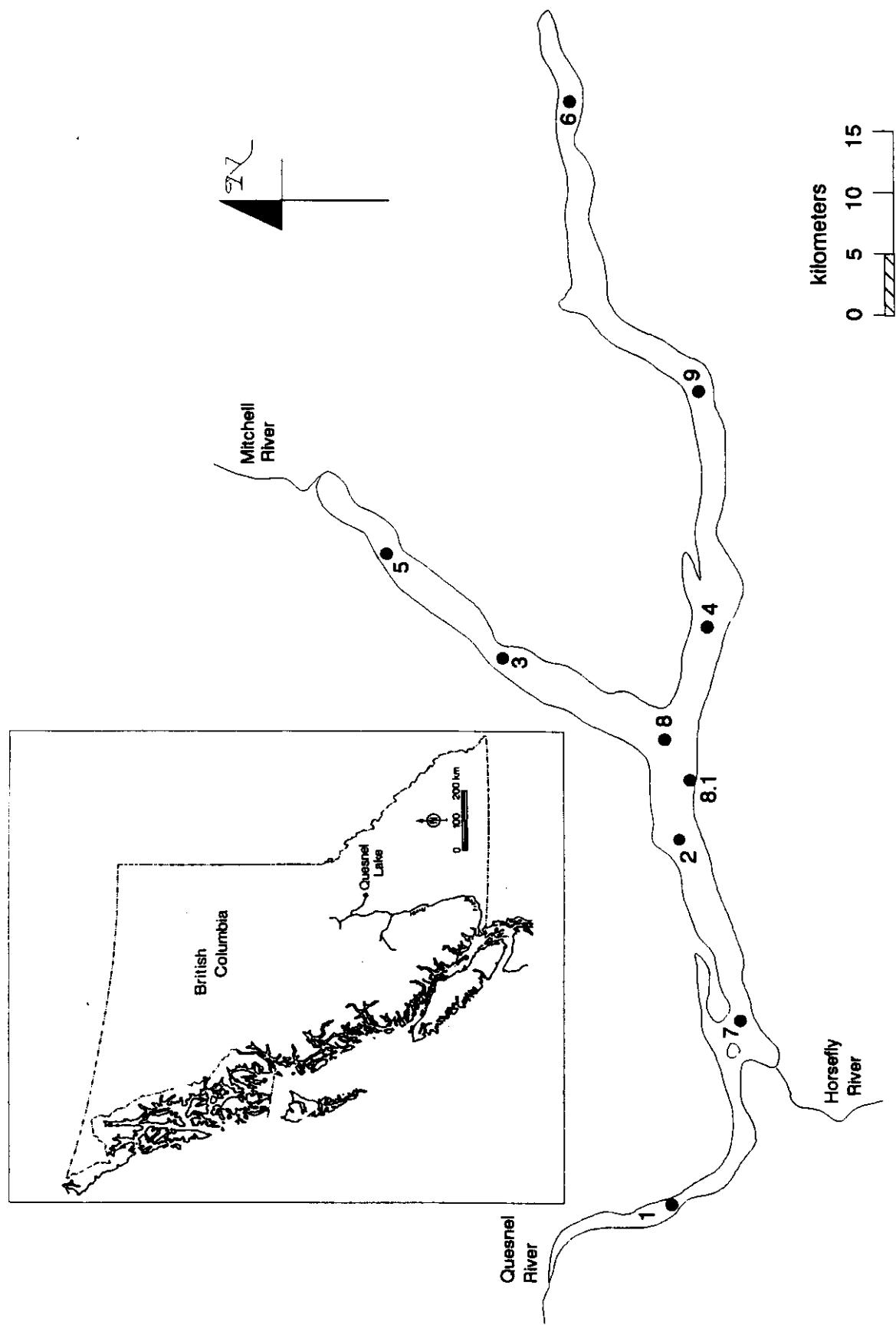


Figure 1. Map of Quesnel Lake showing sample station locations.

Fig. 2. Summary of Quesnel Lake sampling schedule showing survey dates, stations sampled and collection methods.

YEAR	MONTH	DATES	STATIONS									
			1	2	3	4	5	6	7	8	8.1	9
1985	MAY	07-08	S	S		S	S	S	S	S		S
	JUNE	04-05	S	S		S	S	S	S	S		S
	JULY	03-04	S	S		S	S	S	S	S		S
	JULY	30-31	S	S		S	S	S	S	S		S
	AUG	27-28	S	S		S	S	S	S	S		S
	SEPT	24-25	S	S		S	S	S	S	S		S
	OCT	22-23	S	S		S	S	S	S	S		S
1986	MAY	14-16	S			S	S	S	S	S		S
	JUNE	24-26	S			S	S	S	S	S		S
	JULY	22-24	S,W	W	W	S,W	S,W	S,W	S	S		S
	AUG	24-28	S,W	W	W	S,W	S,W	S,W	S	S		S
	SEPT	23-26	S,W	W	W	S,W	S,W	S,W	S	S		S
	OCT	16-18	S			S	S	S	S	S		S
1987	MAY	20-22	S			S	S	S	S	S		S
	JUNE	23-25	S			P,S	S	S	P,S	P,S		S
	JULY	21-23	S,P			S	P,S	S	P,S	P,S		P,S
	AUG	18-20	S,P			S	P,S	S	P,S	P,S		P,S
	SEPT	15-17	S			S	P,S	S	P,S	P,S		P,S
	OCT	20-22	S			S	S	S	P,S	P,S		P,S
1988	MAY	10-12	P,W		P,W		P,W		P,W	P,W		P,W
	JUNE	07-09	P,W		P,W	P,W	P,W		P,W			P,W
	JULY	12-14	P,W		P,W	P,W	P,W		P,W			P,W
	AUG	16-18	P,W		P,W	P,W	P,W		P,W			P,W
	SEPT	14-16	W		W	W	W		W			W
	OCT	11-13	P,W		P,W	P,W	P,W		P,W			P,W
1990	MAY	16-18	P,W		P,W	P,W	P,W		P,W	P,W	P,W	P,W
	JUNE	19-22	P,W		P,W	P,W	P,W		P,W	P,W	P,W	P,W
	JULY	17-20	P,W		P,W	P,W	P,W		P,W	P,W	P,W	P,W
	AUG	21-24	P,W		P,W	P,W	P,W		P,W	P,W	P,W	P,W
	SEPT	18-21	P,W		P,W	P,W	P,W		P,W	P,W	P,W	P,W
	OCT	23-26	P,W		P,W	P,W	P,W		P,W	P,W	P,W	P,W

P=Pumped sample(s), 20-μm mesh net

S=Scor sample(s), 100-μm mesh net

W=Wisconsin sample(s), 160-μm mesh net

Fig. 3. Length (μm), weight (mg) equations used to estimate zooplankton biomass and references from which they were adapted.

Taxa	Equation	Adapted from
<i>Bosminidae</i>	$17.7529(L/10^3)^{2.2291}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Daphnia</i>	$7.5673(L/10^3)^{1.5664}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Leptodora</i>	$1.5634(L/10^3)^{1.8730}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Scapholeberis</i>	$8.9E-8(L^{2.70})/10^3$	Dumont 1975
<i>Holopedium</i>	$1.025828*(e^{3.21(\log(L*.001))+2.36})/10^3$	Yan 1985, Bird and Prarie 1985
<i>Cyclopidae</i>	$5.6900(L/10^3)^{1.9347}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Nauplii</i>	$2.6153(L/10^3)^{1.6349}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Copepidids</i>	$4.6008(L/10^3)^{1.7064}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Leptodiaptomus</i>	$5.8865(L/10^3)^{3.8498}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Epischura</i>	$6.2006(L/10^3)^{1.9604}/10^3$	Culver 1985, Bird and Prarie 1985
<i>Rotifera</i>	$1.12254(e^{\log(L)-10.47})/10^3$	Bird and Prarie 1985

Fig. 4. Regressions showing biomass relationships between Scor and Wisconsin hauls for total macrozooplankton and cladocerans.

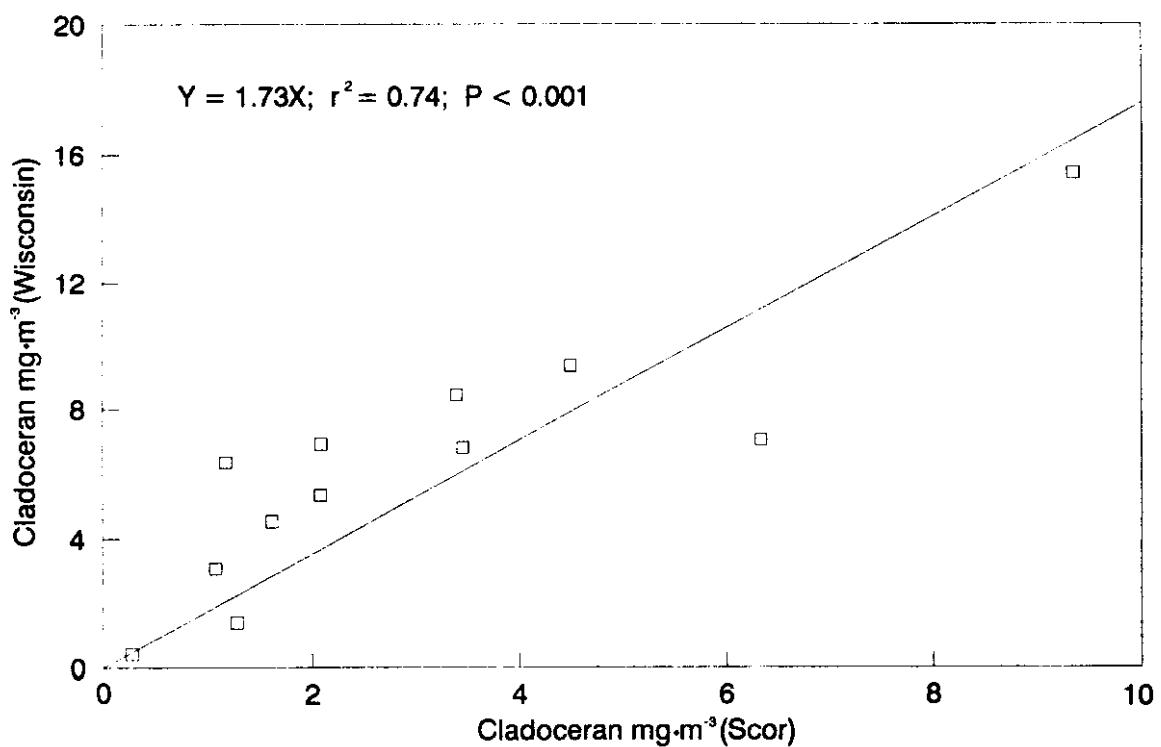
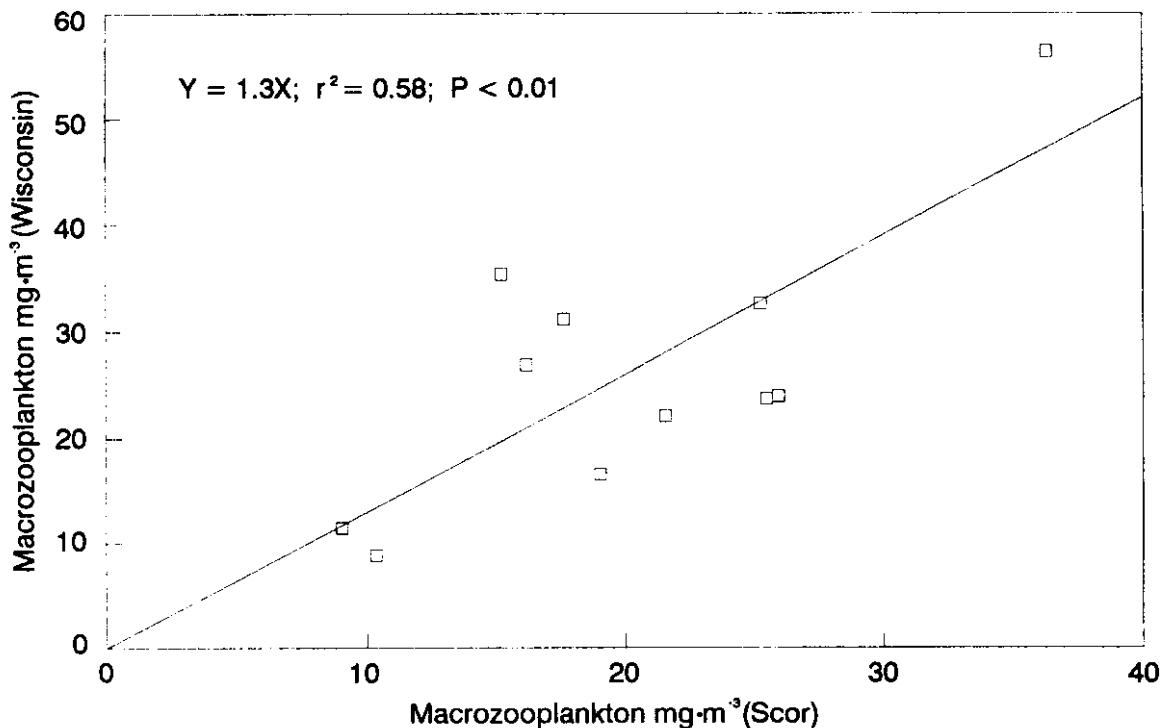


Table 1a. Density, biomass and length data estimated from pump samples for *Bosminidae* Sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·L ⁻¹	Biomass mg·m ⁻³
				Length μm	Length μm	Length μm		
1.0	21JUL87	0- 7	20	580	299	417	2.000	5.351
1.0	21JUL87	7-14	35	661	248	394	2.695	6.545
1.0	21JUL87	14-21	19	624	277	437	1.577	4.747
1.0	19AUG87	0-10	70	668	270	492	4.970	19.010
1.0	19AUG87	10-20	7	543	248	338	0.875	1.561
1.0	19AUG87	20-30	9	749	285	535	0.900	4.307
1.0	10MAY88	10-20	4	379	250	317	0.044	0.063
1.0	10MAY88	20-30	4	477	345	407	0.052	0.127
1.0	07JUN88	0-10	7	653	352	449	0.941	3.022
1.0	07JUN88	10-20	6	563	341	465	0.110	0.365
1.0	07JUN88	20-30	4	496	312	379	0.042	0.089
1.0	12JUL88	0-10	43	642	323	456	1.517	4.929
1.0	16AUG88	0- 9	145	675	301	446	2.039	6.260
1.0	16AUG88	9-18	104	606	326	467	1.863	6.288
1.0	16AUG88	18-27	107	638	301	521	1.336	5.681
1.0	11OCT88	0- 7	266	789	301	551	2.101	10.231
1.0	11OCT88	7-14	33	768	379	564	0.294	1.505
1.0	11OCT88	14-21	6	537	382	490	0.054	0.196
1.0	17MAY90	0-10	5	587	403	502	0.455	1.790
1.0	17MAY90	10-20	4	712	652	688	0.041	0.315
1.0	17MAY90	20-30	1	564	564	564	0.010	0.050
1.0	20JUN90	0-10	4	620	375	416	0.112	0.294
1.0	20JUN90	10-20	2	703	671	687	0.018	0.141
1.0	20JUL90	0-10	18	705	333	452	0.304	0.967
1.0	20JUL90	10-20	12	801	456	525	0.203	0.876
1.0	20JUL90	20-30	2	569	555	562	0.046	0.228
1.0	24AUG90	0-10	73	749	231	438	0.863	2.583
1.0	24AUG90	10-20	77	675	284	478	0.590	2.107
1.0	24AUG90	20-30	77	711	325	515	0.376	1.576
1.0	20SEP90	0-10	49	660	250	410	0.419	1.097
1.0	20SEP90	10-20	11	577	297	461	0.103	0.341
1.0	20SEP90	20-30	2	637	366	502	0.019	0.079
1.0	26OCT90	0-10	44	686	242	430	2.027	5.764
1.0	26OCT90	10-20	34	679	227	448	0.702	2.176
1.0	26OCT90	20-30	22	579	239	409	0.107	0.275
3.0	11MAY88	0-10	1	448	448	448	0.078	0.233
3.0	11MAY88	10-20	5	518	401	440	0.093	0.269
3.0	11MAY88	20-30	3	588	546	571	0.058	0.296
3.0	08JUN88	0-10	6	678	382	471	0.697	2.406
3.0	08JUN88	10-20	1	602	602	602	0.010	0.057
3.0	08JUN88	20-30	1	481	481	481	0.010	0.035
3.0	13JUL88	0-10	29	649	335	455	1.489	4.851
3.0	13JUL88	10-20	7	553	428	479	0.223	0.778
3.0	17AUG88	0- 9	178	695	300	461	3.677	12.273
3.0	17AUG88	9-18	68	765	320	517	0.821	3.520
3.0	17AUG88	18-27	87	676	392	540	1.011	4.636

Table 1a. Density, biomass and length data estimated from pump samples for *Bosminidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
3.0	12OCT88	0- 7	246	713	364	536	3.780	17.311
3.0	12OCT88	7-14	47	680	367	529	0.459	2.043
3.0	12OCT88	14-21	13	693	405	588	0.127	0.712
3.0	18MAY90	0-10	2	479	412	446	0.314	0.928
3.0	18MAY90	10-20	6	430	208	295	0.475	0.622
3.0	18MAY90	20-30	1	384	384	384	0.045	0.096
3.0	21JUN90	0-10	11	695	400	496	0.353	1.369
3.0	21JUN90	10-20	3	400	389	395	0.084	0.188
3.0	21JUN90	20-30	9	786	335	464	0.064	0.230
3.0	19JUL90	0-10	18	580	339	444	1.129	3.419
3.0	19JUL90	10-20	3	551	426	497	0.128	0.487
3.0	19JUL90	20-30	1	577	577	577	0.007	0.036
3.0	23AUG90	0-10	84	649	277	440	0.945	2.813
3.0	23AUG90	10-20	173	731	249	465	0.911	3.087
3.0	23AUG90	20-30	79	651	312	505	0.673	2.681
3.0	19SEP90	0-10	204	674	247	455	1.962	6.364
3.0	19SEP90	10-20	101	631	244	436	0.962	2.804
3.0	19SEP90	20-30	93	663	236	461	0.903	2.979
3.0	25OCT90	0-10	99	580	274	453	0.483	1.515
3.0	25OCT90	10-20	57	575	298	444	0.278	0.834
3.0	25OCT90	20-30	34	558	276	418	0.167	0.440
4.0	25JUN87	0- 5	23	675	314	443	3.542	10.940
4.0	25JUN87	5-10	42	742	285	450	10.500	33.305
4.0	25JUN87	10-15	16	609	373	493	2.464	9.237
4.0	25JUN87	15-20	7	646	447	502	0.875	3.413
4.0	25JUN87	20-25	4	528	344	434	0.500	1.430
4.0	25JUN87	25-30	1	403	403	403	0.071	0.166
4.0	09JUN88	0-10	7	640	381	511	0.711	2.932
4.0	09JUN88	20-30	9	528	370	462	0.091	0.293
4.0	14JUL88	0-10	17	659	354	485	0.882	3.284
4.0	14JUL88	10-20	4	529	346	423	0.122	0.328
4.0	14JUL88	20-30	6	604	349	490	0.063	0.243
4.0	18AUG88	0- 7	151	703	345	492	3.435	13.233
4.0	18AUG88	7-14	86	649	329	483	0.777	2.853
4.0	18AUG88	14-21	57	690	329	502	0.988	3.954
4.0	13OCT88	0- 7	237	750	358	525	2.270	9.889
4.0	13OCT88	7-14	103	709	364	536	0.988	4.488
4.0	13OCT88	14-21	41	726	405	551	0.391	1.900
4.0	18MAY90	0-10	2	539	481	510	0.194	0.773
4.0	18MAY90	10-20	3	479	397	428	0.094	0.254
4.0	22JUN90	0-10	27	726	346	419	0.969	2.730
4.0	22JUN90	10-20	14	708	289	491	0.290	1.180
4.0	22JUN90	20-30	7	735	319	474	0.053	0.200
4.0	18JUL90	0-10	8	651	324	420	0.887	2.430
4.0	18JUL90	10-20	13	709	340	480	1.015	3.652
4.0	18JUL90	20-30	7	723	355	470	0.198	0.694

Table 1a. Density, biomass and length data estimated from pump samples for *Bosminidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
4.0	22AUG90	0-10	87	683	291	466	3.350	11.504
4.0	22AUG90	10-20	59	657	199	483	0.317	1.169
4.0	22AUG90	20-30	37	718	295	548	0.195	0.937
4.0	21SEP90	0-10	42	669	286	459	0.400	1.306
4.0	21SEP90	10-20	26	619	290	466	0.250	0.845
4.0	21SEP90	20-30	14	564	289	428	0.135	0.375
4.0	24OCT90	0-10	80	611	233	416	0.728	1.923
4.0	24OCT90	10-20	83	606	225	436	0.401	1.181
4.0	24OCT90	20-30	37	594	172	444	0.179	0.546
5.0	22JUL87	0- 8	35	528	226	378	3.500	7.416
5.0	22JUL87	8-16	29	653	262	438	2.900	8.802
5.0	22JUL87	16-24	25	712	314	520	2.075	8.923
5.0	18AUG87	0-10	29	594	218	412	1.247	3.326
5.0	18AUG87	10-20	13	631	270	493	1.300	5.061
5.0	18AUG87	20-30	11	594	425	537	1.221	5.481
5.0	17SEP87	0-10	41	681	309	488	0.820	3.092
5.0	17SEP87	10-20	1	441	441	441	0.020	0.057
5.0	17SEP87	20-30	15	639	380	511	0.300	1.230
5.0	11MAY88	0-10	6	435	295	382	0.329	0.699
5.0	11MAY88	10-20	5	537	400	440	0.051	0.148
5.0	11MAY88	20-30	3	437	371	409	0.030	0.074
5.0	08JUN88	0-10	9	686	381	524	1.072	4.627
5.0	08JUN88	10-20	5	627	302	443	0.294	0.938
5.0	08JUN88	20-30	4	595	358	450	0.069	0.220
5.0	13JUL88	0-10	47	531	237	356	1.096	2.105
5.0	13JUL88	10-20	21	700	251	475	0.398	1.435
5.0	13JUL88	20-30	4	469	340	407	0.041	0.101
5.0	17AUG88	0- 9	177	603	277	390	3.698	8.390
5.0	17AUG88	9-18	105	661	291	456	1.203	3.918
5.0	17AUG88	18-27	153	615	224	452	2.203	6.943
5.0	12OCT88	0- 7	213	678	292	509	5.376	21.820
5.0	12OCT88	7-14	71	693	253	532	0.600	2.744
5.0	12OCT88	14-21	17	686	360	528	0.164	0.725
5.0	18MAY90	0-10	7	636	338	411	0.514	1.288
5.0	18MAY90	10-20	19	536	256	384	0.484	1.085
5.0	21JUN90	0-10	7	681	252	354	0.126	0.261
5.0	21JUN90	10-20	5	384	239	306	0.040	0.052
5.0	21JUN90	20-30	1	428	428	428	0.008	0.021
5.0	19JUL90	0-10	68	659	194	295	2.673	3.378
5.0	19JUL90	10-20	25	585	184	340	0.175	0.328
5.0	19JUL90	20-30	9	364	220	291	0.064	0.075
5.0	23AUG90	0-10	108	716	190	396	0.607	1.483
5.0	23AUG90	10-20	78	662	267	438	0.419	1.242
5.0	23AUG90	20-30	94	615	287	440	0.556	1.657
5.0	19SEP90	0-10	119	709	228	403	7.312	18.349
5.0	19SEP90	10-20	180	656	198	401	1.698	4.237

Table 1a. Density, biomass and length data estimated from pump samples for *Bosminidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	19SEP90	20-30	60	569	265	436	0.577	1.688
5.0	25OCT90	0-10	85	661	310	439	0.417	1.234
5.0	25OCT90	10-20	30	604	312	431	0.145	0.414
5.0	25OCT90	20-30	21	677	298	467	0.101	0.343
7.0	23JUN87	0-5	26	646	321	484	3.068	11.209
7.0	23JUN87	5-10	19	653	226	384	2.375	5.549
7.0	23JUN87	10-15	7	476	203	352	0.581	1.109
7.0	23JUN87	15-20	2	557	262	409	0.160	0.457
7.0	21JUL87	0-5	45	609	292	436	4.095	11.808
7.0	21JUL87	5-10	39	904	226	399	3.393	8.709
7.0	21JUL87	10-17	34	720	211	416	3.774	10.732
7.0	21JUL87	17-24	38	653	292	501	4.750	18.700
7.0	19AUG87	0-10	25	602	255	399	0.900	2.300
7.0	19AUG87	10-20	8	521	344	406	0.360	0.887
7.0	19AUG87	20-30	13	639	233	509	1.859	7.997
7.0	16SEP87	0-10	35	670	288	482	0.700	2.547
7.0	16SEP87	10-20	11	567	324	475	0.220	0.782
7.0	16SEP87	20-30	18	621	341	501	0.360	1.418
7.0	21OCT87	0-8	140	713	305	541	2.800	13.060
7.0	21OCT87	8-16	181	758	249	527	3.620	15.974
7.0	21OCT87	16-30	77	717	307	525	1.540	6.737
7.0	10MAY88	0-5	6	527	378	463	0.120	0.391
7.0	10MAY88	5-10	1	485	485	485	0.027	0.094
7.0	07JUN88	0-10	4	626	315	402	0.462	1.252
7.0	07JUN88	20-30	5	551	319	453	0.075	0.240
7.0	12JUL88	0-10	27	628	343	448	1.482	4.550
7.0	12JUL88	10-20	6	731	419	560	0.071	0.361
7.0	12JUL88	20-30	1	520	520	520	0.009	0.038
7.0	16AUG88	0-9	143	752	238	442	2.037	6.171
7.0	16AUG88	9-18	121	716	305	468	2.455	8.376
7.0	16AUG88	18-27	99	688	335	520	1.475	6.296
7.0	11OCT88	0-7	296	786	352	510	4.920	20.303
7.0	11OCT88	7-14	72	754	401	531	0.922	4.139
7.0	11OCT88	14-21	15	740	409	576	0.194	1.053
7.0	17MAY90	12-30	2	527	496	512	0.020	0.081
7.0	20JUN90	0-10	8	720	430	536	0.239	1.098
7.0	20JUN90	10-20	1	408	408	408	0.009	0.021
7.0	20JUN90	20-30	2	577	346	461	0.018	0.061
7.0	20JUL90	0-10	26	704	328	476	0.692	2.428
7.0	20JUL90	10-20	36	732	370	529	0.677	2.972
7.0	20JUL90	20-30	1	483	483	483	0.031	0.109
7.0	24AUG90	0-10	114	680	235	448	0.614	1.945
7.0	24AUG90	10-20	104	743	290	506	1.285	5.238
7.0	24AUG90	20-30	96	667	299	522	0.851	3.627
7.0	20SEP90	0-10	36	708	284	427	0.340	0.962
7.0	20SEP90	10-20	10	542	351	434	0.099	0.282

Table 1a. Density, biomass and length data estimated from pump samples for *Bosminidae* Sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·L ⁻¹	Biomass mg·m ⁻³
				Length μm	Length μm	Length μm		
7.0	20SEP90	20-30	8	541	294	460	0.077	0.250
7.0	26OCT90	0-10	59	577	237	401	0.286	0.699
7.0	26OCT90	10-20	30	618	307	449	0.144	0.443
7.0	26OCT90	20-30	29	538	344	441	0.138	0.404
8.0	24JUN87	0-5	34	661	307	460	3.570	11.907
8.0	24JUN87	5-10	25	720	344	457	3.575	11.739
8.0	24JUN87	10-15	4	513	344	432	0.500	1.418
8.0	22JUL87	0-8	30	734	277	458	1.680	5.666
8.0	22JUL87	8-16	24	594	233	416	3.000	8.148
8.0	22JUL87	16-24	25	646	388	491	3.575	13.378
8.0	18AUG87	0-10	27	749	277	502	2.079	8.506
8.0	18AUG87	10-20	14	646	270	513	0.826	3.499
8.0	18AUG87	20-30	10	698	476	566	1.250	6.373
8.0	17SEP87	0-10	131	681	301	488	2.620	9.776
8.0	17SEP87	10-20	1	397	397	397	0.020	0.045
8.0	17SEP87	20-30	18	652	379	504	0.360	1.438
8.0	20OCT87	0-8	178	902	371	544	3.560	16.813
8.0	20OCT87	8-16	43	676	381	519	0.860	3.644
8.0	20OCT87	16-30	14	661	404	538	0.280	1.280
8.0	12MAY88	0-10	1	318	318	318	0.028	0.039
8.0	12MAY88	10-20	8	532	245	387	0.136	0.310
8.0	12MAY88	20-30	1	428	428	428	0.016	0.043
8.0	16MAY90	0-10	3	463	384	418	0.189	0.483
8.0	16MAY90	10-20	4	542	352	446	0.163	0.496
8.0	19JUN90	0-10	5	660	480	494	0.387	1.442
8.0	19JUN90	10-20	2	519	364	442	0.031	0.093
8.0	19JUN90	20-30	2	822	303	563	0.021	0.132
8.0	17JUL90	0-10	3	481	241	393	0.360	0.877
8.0	17JUL90	10-20	15	710	353	473	0.215	0.757
8.0	17JUL90	20-30	17	733	396	473	0.505	1.740
8.0	21AUG90	0-10	52	604	254	424	0.299	0.835
8.0	21AUG90	10-20	126	737	293	501	0.724	2.868
8.0	21AUG90	20-30	89	910	338	545	0.539	2.552
8.0	18SEP90	0-10	68	704	295	454	0.642	2.100
8.0	18SEP90	10-20	17	677	277	495	0.162	0.620
8.0	18SEP90	20-30	11	628	350	516	0.105	0.436
8.0	23OCT90	0-10	62	636	274	438	0.278	0.822
8.0	23OCT90	10-20	64	574	300	418	0.287	0.756
8.0	23OCT90	20-30	23	511	251	423	0.143	0.389
8.1	16MAY90	0-10	4	528	405	461	0.769	2.477
8.1	16MAY90	10-20	8	510	343	441	0.296	0.862
8.1	16MAY90	20-25	5	437	393	417	0.078	0.198
8.1	19JUN90	0-10	8	696	399	494	0.822	3.145
8.1	19JUN90	10-20	4	730	332	525	0.057	0.285
8.1	19JUN90	20-30	1	656	656	656	0.010	0.066
8.1	17JUL90	0-10	13	657	381	471	0.347	1.184

Table 1a. Density, biomass and length data estimated from pump samples for *Bosminidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
8.1	17JUL90	10-20	3	571	505	536	0.106	0.469
8.1	17JUL90	20-30	7	641	441	497	0.054	0.206
8.1	21AUG90	0-10	114	658	271	424	0.731	2.050
8.1	21AUG90	10-20	48	641	315	480	0.676	2.445
8.1	21AUG90	20-30	23	721	313	523	0.122	0.532
8.1	18SEP90	0-10	79	683	201	456	0.745	2.413
8.1	18SEP90	10-20	21	641	363	487	0.200	0.733
8.1	18SEP90	20-30	3	625	436	519	0.029	0.123
8.1	23OCT90	0-10	57	599	246	442	0.718	2.144
8.1	23OCT90	10-20	50	539	243	402	0.239	0.582
8.1	23OCT90	20-30	7	580	343	435	0.034	0.099
9.0	23JUL87	0-7	12	616	307	478	2.004	7.133
9.0	23JUL87	7-14	38	616	248	405	4.218	10.666
9.0	23JUL87	14-21	29	602	285	451	3.219	10.013
9.0	20AUG87	0-10	49	668	299	480	5.439	19.795
9.0	20AUG87	10-20	14	661	314	455	1.162	3.827
9.0	20AUG87	20-30	21	639	270	462	1.911	6.378
9.0	15SEP87	0-10	100	666	315	471	2.000	6.863
9.0	15SEP87	10-20	10	635	326	489	0.200	0.759
9.0	15SEP87	20-30	22	616	366	480	0.440	1.559
9.0	22OCT87	0-8	66	687	340	537	1.320	6.062
9.0	22OCT87	8-16	74	686	364	506	1.480	5.965
9.0	22OCT87	16-30	14	593	333	490	0.280	1.050
9.0	12MAY88	0-10	3	435	402	422	0.139	0.361
9.0	12MAY88	10-20	2	399	398	399	0.050	0.114
9.0	09JUN88	0-10	2	635	619	627	0.056	0.351
9.0	09JUN88	10-20	3	608	402	478	0.232	0.820
9.0	09JUN88	20-30	4	626	323	482	0.071	0.266
9.0	14JUL88	0-10	16	663	334	394	1.574	3.660
9.0	14JUL88	10-20	5	565	326	433	0.095	0.281
9.0	14JUL88	20-30	6	528	247	379	0.058	0.131
9.0	18AUG88	0-7	43	614	297	425	0.661	1.848
9.0	18AUG88	7-14	76	676	237	442	0.806	2.441
9.0	18AUG88	14-21	99	665	333	539	1.751	8.010
9.0	13OCT88	0-7	231	715	342	531	3.136	14.074
9.0	13OCT88	7-14	79	780	380	529	0.754	3.343
9.0	13OCT88	14-21	20	685	420	556	0.193	0.952
9.0	17MAY90	0-10	4	501	368	443	0.039	0.115
9.0	17MAY90	10-20	1	450	450	450	0.025	0.073
9.0	17MAY90	20-30	12	598	345	458	0.263	0.843
9.0	22JUN90	0-10	7	730	618	672	0.051	0.373
9.0	22JUN90	10-20	13	720	595	614	0.490	2.949
9.0	22JUN90	20-30	3	632	243	441	0.021	0.071
9.0	18JUL90	0-10	12	675	335	421	0.729	1.953
9.0	18JUL90	10-20	3	692	362	407	0.093	0.245
9.0	18JUL90	20-30	2	724	539	585	0.029	0.158

Table 1a. Density, biomass and length data estimated from pump samples for *Bosminidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
9.0	22AUG90	0-10	125	666	287	426	2.698	7.524
9.0	22AUG90	10-20	22	637	304	496	0.126	0.495
9.0	22AUG90	20-30	10	531	315	426	0.054	0.150
9.0	21SEP90	0-10	152	937	245	447	1.520	4.810
9.0	21SEP90	10-20	102	623	243	421	0.990	2.705
9.0	21SEP90	20-30	34	592	270	439	0.330	0.985
9.0	24OCT90	0-10	61	601	254	422	0.296	0.820
9.0	24OCT90	10-20	85	685	270	416	0.762	2.007
9.0	24OCT90	20-30	124	886	239	421	0.611	1.682

Table 1b. Density, biomass and length data estimated from pump samples for *Conochilus* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L-1	Biomass μg•m ⁻³
1.0	12JUL88	0-10	1	100	100	100	0.329	1.049
1.0	12JUL88	10-20	2	88	82	85	0.336	0.909
1.0	16AUG88	9-18	1	73	73	73	0.365	0.848
1.0	16AUG88	18-27	9	92	68	79	3.272	8.197
1.0	17MAY90	0-10	3	99	40	72	0.273	0.625
1.0	20JUN90	0-10	1	84	84	84	0.008	0.021
1.0	20JUL90	0-10	31	114	48	77	4.493	11.001
1.0	20JUL90	10-20	36	104	53	72	0.460	1.048
1.0	20JUL90	20-30	12	87	39	66	0.083	0.175
1.0	24AUG90	10-20	6	102	48	83	1.500	3.958
1.0	24AUG90	20-30	6	80	64	72	0.266	0.609
1.0	20SEP90	20-30	1	71	71	71	0.105	0.237
3.0	13JUL88	0-10	4	95	81	89	1.310	3.703
3.0	13JUL88	20-30	1	99	99	99	0.127	0.401
3.0	17AUG88	9-18	1	67	67	67	0.368	0.786
3.0	17AUG88	18-27	3	82	71	78	1.063	2.640
3.0	12OCT88	7-14	1	67	67	67	0.081	0.174
3.0	18MAY90	10-20	2	153	111	132	0.013	0.053
3.0	21JUN90	0-10	5	104	74	89	0.036	0.102
3.0	19JUL90	0-10	18	99	53	73	1.129	2.636
3.0	19JUL90	10-20	35	108	44	68	0.922	1.993
3.0	19JUL90	20-30	14	75	51	62	0.098	0.193
3.0	23AUG90	0-10	4	89	82	84	0.410	1.101
3.0	23AUG90	20-30	25	92	49	67	3.005	6.378
3.0	19SEP90	0-10	5	84	60	72	0.601	1.386
4.0	14JUL88	10-20	1	83	83	83	0.110	0.291
4.0	18AUG88	7-14	3	84	82	83	0.635	1.671
4.0	18AUG88	14-21	7	99	78	91	1.831	5.314
4.0	22JUN90	0-10	7	156	70	88	0.055	0.153
4.0	22JUN90	10-20	7	95	60	78	0.055	0.137
4.0	18JUL90	0-10	8	110	44	79	1.151	2.883
4.0	18JUL90	10-20	38	103	55	74	1.587	3.763
4.0	18JUL90	20-30	3	73	63	68	0.022	0.048
4.0	22AUG90	10-20	4	77	53	65	0.430	0.890
4.0	22AUG90	20-30	2	65	55	60	0.042	0.080
5.0	18AUG87	10-20	1	150	150	150	0.300	1.433
5.0	18AUG87	20-30	1	150	150	150	0.333	1.593
5.0	13JUL88	0-10	7	108	70	89	1.371	3.882
5.0	13JUL88	10-20	2	100	100	100	0.398	1.268
5.0	17AUG88	0- 9	1	76	76	76	0.360	0.871
5.0	17AUG88	18-27	2	72	56	64	0.542	1.105
5.0	12OCT88	0- 7	1	82	82	82	0.080	0.210
5.0	18MAY90	10-20	1	82	82	82	0.127	0.333
5.0	18MAY90	20-30	2	77	73	75	0.013	0.030
5.0	21JUN90	0-10	2	90	70	80	0.016	0.040
5.0	19JUL90	0-10	3	92	77	85	1.027	2.771

Table 1b. Density, biomass and length data estimated from pump samples for *Conochilus* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L-1	Biomass μg·m ⁻³
5.0	19JUL90	10-20	7	99	45	76	0.153	0.371
5.0	19JUL90	20-30	22	102	39	72	0.156	0.359
5.0	23AUG90	20-30	2	85	81	83	0.131	0.348
5.0	19SEP90	0-10	7	100	65	84	0.727	1.938
5.0	19SEP90	10-20	12	118	66	82	0.566	1.471
5.0	19SEP90	20-30	1	102	102	102	0.046	0.149
7.0	19AUG87	0-10	1	50	50	50	0.036	0.057
7.0	16SEP87	0-10	1	66	66	66	0.033	0.070
7.0	12JUL88	0-10	4	109	92	99	1.176	3.717
7.0	12JUL88	10-20	1	122	122	122	0.180	0.698
7.0	12JUL88	20-30	1	89	89	89	0.091	0.257
7.0	16AUG88	18-27	2	78	77	78	0.722	1.781
7.0	17MAY90	0-6	3	94	75	84	0.057	0.152
7.0	17MAY90	6-12	4	88	67	82	0.041	0.107
7.0	17MAY90	12-30	1	99	99	99	0.010	0.032
7.0	20JUN90	0-10	2	92	88	90	0.017	0.049
7.0	20JUL90	0-10	3	73	61	68	1.042	2.256
7.0	20JUL90	10-20	28	85	45	67	2.759	5.849
7.0	20JUL90	20-30	34	88	40	62	0.376	0.744
7.0	24AUG90	10-20	3	83	70	78	1.754	4.377
7.0	24AUG90	20-30	9	88	61	75	2.586	6.187
7.0	20SEP90	0-10	4	82	61	75	1.258	3.005
7.0	20SEP90	20-30	2	55	44	50	0.019	0.030
8.0	18AUG87	10-20	1	50	50	50	0.059	0.094
8.0	16MAY90	0-10	6	105	55	72	0.057	0.130
8.0	19JUN90	0-10	13	92	59	76	0.117	0.285
8.0	17JUL90	0-10	2	84	69	77	0.719	1.753
8.0	17JUL90	10-20	20	112	55	71	0.145	0.327
8.0	17JUL90	20-30	69	105	40	69	1.199	2.626
8.0	21AUG90	0-10	1	99	99	99	0.192	0.604
8.0	21AUG90	10-20	12	88	46	69	6.897	15.084
8.0	21AUG90	20-30	13	84	46	66	0.225	0.470
8.0	18SEP90	0-10	2	96	73	85	0.377	1.016
8.0	18SEP90	20-30	2	92	66	79	0.381	0.959
8.1	16MAY90	0-10	1	73	73	73	0.026	0.060
8.1	16MAY90	10-20	4	122	66	94	0.038	0.115
8.1	16MAY90	20-25	2	92	65	79	0.031	0.078
8.1	19JUN90	0-10	5	92	70	82	0.220	0.575
8.1	17JUL90	0-10	7	89	55	73	0.711	1.648
8.1	17JUL90	10-20	3	77	66	73	0.022	0.051
8.1	17JUL90	20-30	13	91	55	74	0.100	0.237
8.1	21AUG90	10-20	3	73	55	67	0.932	1.988
8.1	21AUG90	20-30	2	66	55	61	0.011	0.020
8.1	18SEP90	0-10	1	72	72	72	0.314	0.721
8.1	18SEP90	20-30	1	85	85	85	0.010	0.026
9.0	20AUG87	0-10	1	50	50	50	0.222	0.354

Table 1b. Density, biomass and length data estimated from pump samples for *Conochilus* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L-1	Biomass μg·m ⁻³
9.0	20AUG87	10-20	1	150	150	150	0.083	0.398
9.0	20AUG87	20-30	1	150	150	150	0.182	0.869
9.0	15SEP87	0-10	1	90	90	90	0.111	0.319
9.0	15SEP87	20-30	2	119	72	96	0.087	0.265
9.0	22OCT87	0- 8	8	125	63	94	0.640	1.911
9.0	22OCT87	8-16	8	99	66	84	1.333	3.546
9.0	22OCT87	16-30	1	105	105	105	0.080	0.268
9.0	14JUL88	0-10	3	94	74	87	0.513	1.417
9.0	14JUL88	20-30	1	91	91	91	0.096	0.278
9.0	18AUG88	0- 7	11	85	48	68	2.907	6.271
9.0	18AUG88	7-14	5	83	64	73	0.757	1.761
9.0	18AUG88	14-21	1	82	82	82	0.342	0.893
9.0	13OCT88	7-14	1	82	82	82	0.159	0.415
9.0	22JUN90	0-10	49	119	61	92	1.366	4.020
9.0	22JUN90	10-20	6	99	53	78	0.073	0.181
9.0	18JUL90	0-10	33	103	40	70	2.357	5.281
9.0	18JUL90	10-20	58	94	37	68	4.571	9.930
9.0	18JUL90	20-30	26	98	42	65	0.184	0.383
9.0	22AUG90	0-10	6	121	63	90	0.698	2.007
9.0	22AUG90	20-30	7	82	44	67	0.038	0.082
9.0	21SEP90	10-20	1	86	86	86	0.065	0.177

Table 1c. Density, biomass and length data estimated from pump samples for *Cyclopidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	21JUL87	0- 7	96	1291	351	716	8.560	26.226
1.0	21JUL87	7-14	84	1233	491	749	5.328	17.872
1.0	21JUL87	14-21	73	1174	395	746	4.610	15.604
1.0	19AUG87	0-10	27	963	484	803	1.917	7.265
1.0	19AUG87	10-20	55	1330	469	839	4.670	19.519
1.0	19AUG87	20-30	49	1271	521	863	3.220	14.167
1.0	10MAY88	0-10	58	884	266	435	2.223	2.761
1.0	10MAY88	10-20	112	905	285	530	1.238	2.254
1.0	10MAY88	20-30	58	1025	298	562	0.755	1.538
1.0	07JUN88	0-10	54	946	286	434	9.553	12.216
1.0	07JUN88	10-20	201	931	273	508	3.036	5.083
1.0	07JUN88	20-30	184	1012	231	502	1.915	3.284
1.0	12JUL88	0-10	165	880	196	586	5.821	12.427
1.0	12JUL88	10-20	153	1010	308	593	2.909	6.518
1.0	12JUL88	20-30	97	1110	301	627	0.981	2.492
1.0	16AUG88	0- 9	82	882	295	685	1.509	4.218
1.0	16AUG88	9-18	143	1019	315	701	4.535	13.532
1.0	16AUG88	18-27	149	1094	346	787	3.784	14.001
1.0	11OCT88	0- 7	37	1106	312	790	0.292	1.097
1.0	11OCT88	7-14	37	1088	313	827	0.330	1.344
1.0	11OCT88	14-21	37	1165	380	877	0.330	1.515
1.0	17MAY90	0-10	72	1117	264	506	2.743	4.538
1.0	17MAY90	10-20	60	1112	319	537	1.045	2.056
1.0	17MAY90	20-30	51	989	273	532	0.515	0.985
1.0	20JUN90	0-10	118	1034	266	495	3.048	4.837
1.0	20JUN90	10-20	55	1125	278	583	0.505	1.184
1.0	20JUN90	20-30	37	1157	315	624	0.294	0.768
1.0	20JUL90	0-10	92	999	267	511	1.145	1.954
1.0	20JUL90	10-20	138	1055	312	671	1.286	3.588
1.0	20JUL90	20-30	55	1086	320	779	0.810	2.970
1.0	24AUG90	0-10	37	1114	272	484	0.332	0.538
1.0	24AUG90	10-20	131	1045	305	710	0.722	2.245
1.0	24AUG90	20-30	124	1122	300	739	0.605	2.009
1.0	20SEP90	0-10	15	1002	298	623	0.128	0.328
1.0	20SEP90	10-20	55	1200	315	633	0.514	1.333
1.0	20SEP90	20-30	27	1118	328	752	0.255	0.889
1.0	26OCT90	0-10	282	935	274	605	6.194	14.159
1.0	26OCT90	10-20	269	942	277	565	2.210	4.553
1.0	26OCT90	20-30	53	1134	278	587	0.259	0.587
3.0	11MAY88	0-10	59	881	262	482	1.695	2.595
3.0	11MAY88	10-20	173	982	247	546	2.347	4.551
3.0	11MAY88	20-30	112	1043	277	587	1.574	3.487
3.0	08JUN88	0-10	58	851	271	421	4.235	4.965
3.0	08JUN88	10-20	161	983	275	461	4.935	6.848
3.0	08JUN88	20-30	203	1097	289	559	2.024	4.103
3.0	13JUL88	0-10	119	927	290	567	6.028	12.022

Table 1c. Density, biomass and length data estimated from pump samples for Cyclopidae Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. · L ⁻¹	Biomass mg · m ⁻³
3.0	13JUL88	10-20	129	1052	281	545	4.082	7.776
3.0	13JUL88	20-30	135	1106	293	682	3.098	9.247
3.0	17AUG88	0- 9	74	1018	410	711	1.529	4.598
3.0	17AUG88	9-18	136	1128	313	651	2.083	5.439
3.0	17AUG88	18-27	108	1138	370	787	2.465	9.200
3.0	12OCT88	0- 7	21	1143	282	816	0.323	1.329
3.0	12OCT88	7-14	38	1078	285	801	0.371	1.430
3.0	12OCT88	14-21	87	1146	355	818	0.850	3.427
3.0	18MAY90	0-10	49	1040	304	500	2.421	3.838
3.0	18MAY90	10-20	42	1098	294	532	0.848	1.643
3.0	18MAY90	20-30	39	1122	219	494	0.718	1.285
3.0	21JUN90	0-10	33	1104	282	449	1.468	1.933
3.0	21JUN90	10-20	128	1016	293	477	2.412	3.605
3.0	21JUN90	20-30	69	1124	289	604	0.489	1.206
3.0	19JUL90	0-10	25	1075	264	644	0.970	2.571
3.0	19JUL90	10-20	84	1143	335	632	2.657	6.645
3.0	19JUL90	20-30	84	1080	287	657	0.587	1.597
3.0	23AUG90	0-10	9	1082	308	537	0.071	0.136
3.0	23AUG90	10-20	35	856	279	544	0.184	0.344
3.0	23AUG90	20-30	120	1080	324	668	0.706	1.964
3.0	19SEP90	0-10	24	1078	277	629	0.231	0.591
3.0	19SEP90	10-20	28	1121	313	639	0.267	0.681
3.0	19SEP90	20-30	49	1091	323	687	0.476	1.406
3.0	25OCT90	0-10	39	929	302	457	0.190	0.260
3.0	25OCT90	10-20	32	989	294	454	0.156	0.208
3.0	25OCT90	20-30	58	809	279	510	0.284	0.470
4.0	25JUN87	0- 5	60	1116	277	591	8.838	18.997
4.0	25JUN87	5-10	64	1233	307	550	15.540	29.358
4.0	25JUN87	10-15	98	1097	167	563	14.556	28.975
4.0	25JUN87	15-20	108	1077	329	527	12.555	21.780
4.0	25JUN87	20-25	117	1322	340	538	14.100	25.483
4.0	25JUN87	25-30	113	1128	351	522	7.819	13.287
4.0	09JUN88	0-10	85	1085	258	503	6.632	11.080
4.0	09JUN88	10-20	179	1044	263	493	3.375	5.459
4.0	09JUN88	20-30	78	1059	276	578	0.786	1.735
4.0	14JUL88	0-10	121	930	267	562	5.711	11.277
4.0	14JUL88	10-20	128	1082	280	599	3.892	9.066
4.0	14JUL88	20-30	183	1097	274	614	2.073	5.219
4.0	18AUG88	0- 7	108	924	287	661	3.293	8.611
4.0	18AUG88	7-14	100	1085	299	631	1.128	2.784
4.0	18AUG88	14-21	126	1085	252	614	2.586	6.238
4.0	13OCT88	0- 7	31	1144	326	845	0.297	1.267
4.0	13OCT88	7-14	51	1152	333	794	0.489	1.870
4.0	13OCT88	14-21	65	1119	315	740	0.620	2.128
4.0	18MAY90	0-10	50	1125	313	436	2.057	2.563
4.0	18MAY90	10-20	42	1152	275	454	1.719	2.315

Table 1c. Density, biomass and length data estimated from pump samples for *Cyclopidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
4.0	18MAY90	20-30	33	1103	282	564	0.421	0.960
4.0	22JUN90	0-10	52	1200	266	470	1.922	2.949
4.0	22JUN90	10-20	88	1227	243	566	1.554	3.288
4.0	22JUN90	20-30	103	1178	252	543	0.786	1.584
4.0	18JUL90	0-10	39	975	306	507	1.655	2.747
4.0	18JUL90	10-20	60	1130	334	600	2.469	5.762
4.0	18JUL90	20-30	53	1133	310	738	1.186	4.102
4.0	22AUG90	0-10	9	810	339	574	0.166	0.346
4.0	22AUG90	10-20	48	901	294	557	0.258	0.509
4.0	22AUG90	20-30	113	1127	309	714	0.595	1.871
4.0	21SEP90	0-10	16	1134	299	558	0.152	0.328
4.0	21SEP90	10-20	28	983	277	512	0.269	0.475
4.0	21SEP90	20-30	32	1033	310	645	0.308	0.836
4.0	24OCT90	0-10	87	965	260	546	0.595	1.163
4.0	24OCT90	10-20	39	902	295	577	0.188	0.394
4.0	24OCT90	20-30	22	792	294	450	0.106	0.141
5.0	22JUL87	0- 8	86	1058	425	665	8.360	22.160
5.0	22JUL87	8-16	54	1136	432	676	5.000	13.823
5.0	22JUL87	16-24	89	1252	410	723	6.190	19.712
5.0	18AUG87	0-10	30	1039	616	780	1.221	4.355
5.0	18AUG87	10-20	35	1155	506	766	2.380	8.400
5.0	18AUG87	20-30	41	1233	506	820	3.095	12.459
5.0	17SEP87	0-10	72	918	272	721	1.440	4.467
5.0	17SEP87	10-20	42	1037	418	740	0.840	2.760
5.0	17SEP87	20-30	85	1071	333	759	1.700	5.904
5.0	11MAY88	0-10	80	847	246	480	2.217	3.340
5.0	11MAY88	10-20	114	892	270	569	1.163	2.351
5.0	11MAY88	20-30	62	860	285	602	0.626	1.389
5.0	08JUN88	0-10	72	852	253	458	6.362	8.751
5.0	08JUN88	10-20	146	1040	286	546	5.564	11.105
5.0	08JUN88	20-30	167	1071	273	555	2.884	5.936
5.0	13JUL88	0-10	127	994	285	625	3.508	8.394
5.0	13JUL88	10-20	132	1105	291	563	2.502	5.085
5.0	13JUL88	20-30	127	1093	257	572	1.311	2.828
5.0	17AUG88	0- 9	74	1001	419	692	1.122	3.208
5.0	17AUG88	9-18	73	1048	273	692	1.226	3.589
5.0	17AUG88	18-27	83	1038	302	709	1.613	4.887
5.0	12OCT88	0- 7	14	973	373	674	0.375	1.059
5.0	12OCT88	7-14	32	1129	364	750	0.270	0.943
5.0	12OCT88	14-21	64	1105	429	864	0.619	2.755
5.0	18MAY90	0-10	25	940	262	455	1.179	1.572
5.0	18MAY90	10-20	39	1027	310	525	0.478	0.905
5.0	18MAY90	20-30	44	1217	269	484	0.280	0.453
5.0	21JUN90	0-10	29	856	282	443	0.542	0.686
5.0	21JUN90	10-20	39	813	254	454	0.310	0.424
5.0	21JUN90	20-30	49	1069	288	541	0.383	0.771

Table 1c. Density, biomass and length data estimated from pump samples for Cyclopidae Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
5.0	19JUL90	0-10	37	1140	369	605	0.454	1.065
5.0	19JUL90	10-20	119	1015	266	544	0.832	1.596
5.0	19JUL90	20-30	46	1163	295	590	0.326	0.763
5.0	23AUG90	0-10	18	957	261	582	0.101	0.228
5.0	23AUG90	10-20	35	1091	280	499	0.188	0.334
5.0	23AUG90	20-30	33	1047	269	533	0.195	0.364
5.0	19SEP90	0-10	9	865	612	709	0.084	0.249
5.0	19SEP90	10-20	17	1074	271	549	0.160	0.339
5.0	19SEP90	20-30	27	1031	273	684	0.260	0.798
5.0	25OCT90	0-10	97	1067	238	586	0.475	1.057
5.0	25OCT90	10-20	23	877	282	502	0.111	0.183
5.0	25OCT90	20-30	34	887	237	566	0.163	0.337
7.0	23JUN87	0- 5	119	1136	314	573	13.846	27.982
7.0	23JUN87	5-10	85	1136	344	574	9.785	19.991
7.0	23JUN87	10-15	127	1116	211	550	10.163	19.194
7.0	23JUN87	15-20	144	1271	358	587	11.160	24.030
7.0	23JUN87	20-25	136	1310	351	602	8.138	18.532
7.0	21JUL87	0- 5	84	1155	521	737	7.289	23.406
7.0	21JUL87	5-10	66	1116	535	764	5.407	18.756
7.0	21JUL87	10-17	85	1310	425	692	7.888	22.943
7.0	21JUL87	17-24	59	1233	380	746	4.750	16.168
7.0	19AUG87	0-10	35	1058	439	742	1.244	4.086
7.0	19AUG87	10-20	33	1039	388	765	1.460	5.125
7.0	19AUG87	20-30	51	1252	498	818	5.325	21.095
7.0	16SEP87	0-10	105	1038	325	751	2.100	7.034
7.0	16SEP87	10-20	37	1033	525	773	0.740	2.633
7.0	16SEP87	20-30	93	1076	494	739	1.860	6.010
7.0	21OCT87	0- 8	29	1027	578	825	0.580	2.320
7.0	21OCT87	8-16	75	1128	376	838	1.500	6.203
7.0	21OCT87	16-30	55	1095	580	855	1.100	4.697
7.0	10MAY88	0- 5	76	972	274	519	1.157	2.003
7.0	10MAY88	5-10	121	998	346	603	1.925	4.430
7.0	10MAY88	10-20	78	1069	339	559	1.067	2.102
7.0	10MAY88	20-30	89	1118	243	634	1.216	3.189
7.0	07JUN88	0-10	62	929	289	442	10.201	13.316
7.0	07JUN88	10-20	103	1127	293	507	1.027	1.731
7.0	07JUN88	20-30	73	946	249	454	1.027	1.483
7.0	12JUL88	0-10	94	929	300	573	4.881	10.008
7.0	12JUL88	10-20	173	1066	256	560	2.038	4.202
7.0	12JUL88	20-30	101	1091	322	632	0.917	2.322
7.0	16AUG88	0- 9	73	943	346	722	1.914	5.871
7.0	16AUG88	9-18	123	957	310	605	2.495	5.679
7.0	16AUG88	18-27	190	1223	333	668	3.360	9.298
7.0	11OCT88	0- 7	15	1130	362	763	0.190	0.685
7.0	11OCT88	7-14	21	1137	595	876	0.269	1.205
7.0	11OCT88	14-21	19	1211	390	811	0.245	0.968

Table 1c. Density, biomass and length data estimated from pump samples for *Cyclopidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	17MAY90	0- 6	45	1193	280	490	1.167	1.945
7.0	17MAY90	6-12	113	1134	246	558	2.492	5.392
7.0	17MAY90	12-30	79	1054	285	512	0.806	1.459
7.0	20JUN90	0-10	28	1034	364	605	0.580	1.341
7.0	20JUN90	10-20	36	1150	268	494	0.313	0.540
7.0	20JUN90	20-30	53	1125	289	638	0.469	1.286
7.0	20JUL90	0-10	63	940	294	507	1.042	1.752
7.0	20JUL90	10-20	158	1100	291	567	1.910	3.957
7.0	20JUL90	20-30	82	1096	339	633	0.974	2.458
7.0	24AUG90	0-10	22	932	248	578	0.136	0.299
7.0	24AUG90	10-20	178	1158	256	670	1.330	3.814
7.0	24AUG90	20-30	110	1205	293	605	0.798	1.900
7.0	20SEP90	0-10	12	728	273	475	0.113	0.171
7.0	20SEP90	10-20	5	770	350	586	0.050	0.106
7.0	20SEP90	20-30	5	973	350	631	0.048	0.128
7.0	26OCT90	0-10	135	749	264	455	0.655	0.868
7.0	26OCT90	10-20	28	795	259	436	0.135	0.172
7.0	26OCT90	20-30	65	846	264	509	0.310	0.519
8.0	24JUN87	0- 5	49	816	277	527	5.145	8.994
8.0	24JUN87	5-10	89	1213	299	554	11.866	22.969
8.0	24JUN87	10-15	104	1155	262	531	12.685	22.594
8.0	24JUN87	15-20	125	1116	307	516	15.156	25.782
8.0	24JUN87	20-25	123	1194	314	538	11.385	21.118
8.0	22JUL87	0- 8	75	1194	403	697	3.984	11.699
8.0	22JUL87	8-16	78	1291	289	651	8.805	22.852
8.0	22JUL87	16-24	58	1136	358	768	6.695	23.650
8.0	18AUG87	0-10	34	1097	484	759	2.390	8.202
8.0	18AUG87	10-20	41	1116	385	749	2.185	7.402
8.0	18AUG87	20-30	60	1233	454	829	4.770	19.605
8.0	17SEP87	0-10	65	1053	447	793	1.300	4.833
8.0	17SEP87	10-20	64	1010	395	704	1.280	3.808
8.0	17SEP87	20-30	81	1057	506	761	1.620	5.587
8.0	20OCT87	0- 8	122	1154	398	773	2.440	8.704
8.0	20OCT87	8-16	53	966	365	756	1.060	3.605
8.0	20OCT87	16-30	50	981	352	691	1.000	2.940
8.0	12MAY88	0-10	29	751	287	505	0.824	1.329
8.0	12MAY88	10-20	81	986	258	632	0.925	2.316
8.0	12MAY88	20-30	71	958	256	572	0.831	1.775
8.0	16MAY90	0-10	36	899	283	480	1.302	1.903
8.0	16MAY90	10-20	20	988	272	534	0.413	0.822
8.0	16MAY90	20-30	30	1020	298	432	0.946	1.169
8.0	19JUN90	0-10	44	1144	325	485	1.766	2.748
8.0	19JUN90	10-20	37	1150	262	542	0.578	1.175
8.0	19JUN90	20-30	37	1016	247	571	0.385	0.832
8.0	17JUL90	0-10	65	1107	313	498	2.915	4.651
8.0	17JUL90	10-20	78	1238	304	696	0.733	2.378

Table 1c. Density, biomass and length data estimated from pump samples for Cyclopidae Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
8.0	17JUL90	20-30	67	1178	315	606	1.299	3.163
8.0	21AUG90	0-10	19	920	271	608	0.109	0.256
8.0	21AUG90	10-20	91	1071	294	680	0.523	1.506
8.0	21AUG90	20-30	53	1077	316	678	0.321	0.918
8.0	18SEP90	0-10	5	744	443	601	0.047	0.103
8.0	18SEP90	10-20	30	1055	326	582	0.286	0.645
8.0	18SEP90	20-30	18	963	345	640	0.171	0.452
8.0	23OCT90	0-10	59	899	278	508	0.265	0.448
8.0	23OCT90	10-20	91	1157	200	473	0.408	0.616
8.0	23OCT90	20-30	27	843	274	452	0.121	0.164
8.1	16MAY90	0-10	167	1121	288	593	7.889	17.546
8.1	16MAY90	10-20	145	1068	278	516	2.845	5.117
8.1	16MAY90	20-25	84	894	237	532	1.312	2.425
8.1	19JUN90	0-10	59	1064	258	529	3.539	6.662
8.1	19JUN90	10-20	108	1115	320	550	1.951	3.928
8.1	19JUN90	20-30	42	1017	302	573	0.400	0.883
8.1	17JUL90	0-10	59	1053	299	533	0.985	1.787
8.1	17JUL90	10-20	101	1161	300	689	2.105	6.347
8.1	17JUL90	20-30	78	1113	286	660	0.600	1.736
8.1	21AUG90	0-10	11	821	280	382	0.071	0.071
8.1	21AUG90	10-20	141	1111	308	699	1.064	3.270
8.1	21AUG90	20-30	57	1074	334	743	0.302	1.019
8.1	18SEP90	0-10	13	813	270	505	0.123	0.202
8.1	18SEP90	10-20	18	971	307	527	0.171	0.314
8.1	18SEP90	20-30	5	911	481	701	0.048	0.144
8.1	23OCT90	0-10	56	872	307	531	0.455	0.805
8.1	23OCT90	10-20	27	761	297	485	0.129	0.195
8.1	23OCT90	20-30	23	1059	300	548	0.113	0.226
9.0	23JUL87	0-7	75	1174	388	670	12.084	32.569
9.0	23JUL87	7-14	26	1077	425	633	2.795	6.772
9.0	23JUL87	14-21	110	1194	311	675	10.390	28.809
9.0	20AUG87	0-10	44	1302	562	751	4.520	15.049
9.0	20AUG87	10-20	44	1310	513	789	3.148	11.535
9.0	20AUG87	20-30	54	1213	277	710	3.210	10.276
9.0	15SEP87	0-10	83	990	315	690	1.660	4.830
9.0	15SEP87	10-20	83	1017	348	725	1.660	5.310
9.0	15SEP87	20-30	90	1040	329	695	1.800	5.339
9.0	22OCT87	0-8	114	1119	393	804	2.280	8.799
9.0	22OCT87	8-16	89	1097	503	792	1.780	6.620
9.0	22OCT87	16-30	77	1029	297	741	1.540	5.158
9.0	12MAY88	0-10	59	972	286	510	1.361	2.314
9.0	12MAY88	10-20	41	1046	285	543	0.637	1.249
9.0	12MAY88	20-30	33	982	300	550	0.419	0.828
9.0	09JUN88	0-10	44	944	232	416	6.937	8.220
9.0	09JUN88	10-20	130	1071	259	453	5.933	7.994
9.0	09JUN88	20-30	110	1167	312	504	1.791	3.011

Table 1c. Density, biomass and length data estimated from pump samples for Cyclopidae Sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·L ⁻¹	Biomass mg·m ⁻³
				Length μm	Length μm	Length μm		
9.0	14JUL88	0-10	64	918	288	531	4.113	7.278
9.0	14JUL88	10-20	149	1018	310	593	2.829	6.412
9.0	14JUL88	20-30	128	1030	265	559	1.228	2.557
9.0	18AUG88	0- 7	201	965	353	633	4.134	9.902
9.0	18AUG88	7-14	73	1086	310	607	0.774	1.853
9.0	18AUG88	14-21	108	1149	315	796	3.173	12.375
9.0	13OCT88	0- 7	13	990	356	741	0.207	0.695
9.0	13OCT88	7-14	46	1164	328	761	0.439	1.548
9.0	13OCT88	14-21	54	1090	337	765	0.521	1.879
9.0	17MAY90	0-10	46	1035	270	544	0.451	0.904
9.0	17MAY90	10-20	58	1039	329	568	0.877	1.842
9.0	17MAY90	20-30	39	1160	324	569	0.627	1.385
9.0	22JUN90	0-10	53	1115	442	562	1.449	2.852
9.0	22JUN90	10-20	94	1240	290	463	5.130	7.816
9.0	22JUN90	20-30	95	1076	275	527	0.664	1.244
9.0	18JUL90	0-10	33	999	261	464	1.136	1.604
9.0	18JUL90	10-20	119	1093	294	531	2.924	5.273
9.0	18JUL90	20-30	100	1116	270	684	0.911	2.717
9.0	22AUG90	0-10	7	1054	598	700	0.058	0.172
9.0	22AUG90	10-20	43	1049	297	559	0.247	0.507
9.0	22AUG90	20-30	117	1146	267	694	0.636	1.914
9.0	21SEP90	0-10	44	968	277	597	0.440	1.000
9.0	21SEP90	10-20	9	924	336	547	0.087	0.171
9.0	21SEP90	20-30	32	854	286	552	0.311	0.618
9.0	24OCT90	0-10	29	1083	348	621	0.141	0.355
9.0	24OCT90	10-20	39	1133	324	644	0.242	0.649
9.0	24OCT90	20-30	74	1137	290	592	0.365	0.845

Table 1d. Density, biomass and length data estimated from pump samples for *Daphnia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	21JUL87	0- 7	15	1330	572	898	0.540	3.588
1.0	21JUL87	7-14	28	1291	521	837	1.130	6.671
1.0	21JUL87	14-21	25	1291	454	700	1.508	6.819
1.0	19AUG87	0-10	31	1407	373	810	1.283	7.305
1.0	19AUG87	10-20	74	1601	498	838	4.000	23.784
1.0	19AUG87	20-30	68	1523	491	961	2.720	19.831
1.0	10MAY88	0-10	7	871	559	629	0.182	0.674
1.0	10MAY88	10-20	2	1101	555	828	0.022	0.130
1.0	10MAY88	20-30	2	1238	1004	1121	0.026	0.237
1.0	07JUN88	0-10	13	1123	656	867	0.622	3.805
1.0	07JUN88	10-20	1	918	918	918	0.010	0.066
1.0	07JUN88	20-30	1	1333	1333	1333	0.010	0.124
1.0	12JUL88	0-10	41	1294	558	851	1.446	8.706
1.0	12JUL88	10-20	17	1154	492	908	0.323	2.145
1.0	12JUL88	20-30	2	1133	589	861	0.020	0.127
1.0	16AUG88	0- 9	157	1347	391	831	2.988	17.317
1.0	16AUG88	9-18	109	1345	443	968	4.550	33.375
1.0	16AUG88	18-27	43	1348	518	1018	1.358	10.734
1.0	11OCT88	0- 7	59	1640	828	1194	0.466	4.720
1.0	11OCT88	7-14	53	1652	567	1248	0.472	5.142
1.0	11OCT88	14-21	57	1713	875	1376	0.508	6.394
1.0	17MAY90	0-10	1	794	794	794	0.010	0.053
1.0	20JUN90	0-10	6	1194	796	1007	0.046	0.356
1.0	20JUL90	0-10	30	1322	436	736	0.283	1.386
1.0	20JUL90	10-20	37	1376	672	1083	0.255	2.203
1.0	20JUL90	20-30	7	1516	1064	1284	0.097	1.095
1.0	24AUG90	0-10	82	1599	454	1009	0.436	3.487
1.0	24AUG90	10-20	16	1333	413	911	0.086	0.591
1.0	24AUG90	20-30	4	1104	811	898	0.020	0.126
1.0	20SEP90	0-10	78	1367	481	1019	0.667	5.275
1.0	20SEP90	10-20	10	1396	648	1198	0.093	0.952
1.0	20SEP90	20-30	2	1546	956	1251	0.019	0.208
1.0	26OCT90	0-10	2	687	372	449	0.064	0.143
1.0	26OCT90	10-20	9	1125	648	864	0.043	0.261
1.0	26OCT90	20-30	1	665	665	665	0.005	0.019
3.0	11MAY88	0-10	3	658	524	549	0.099	0.293
3.0	11MAY88	10-20	14	1216	479	845	0.149	0.886
3.0	11MAY88	20-30	7	1259	576	795	0.092	0.504
3.0	08JUN88	0-10	21	1209	635	823	0.338	1.909
3.0	08JUN88	10-20	21	1329	553	823	0.250	1.429
3.0	08JUN88	20-30	6	1276	920	1135	0.060	0.554
3.0	13JUL88	0-10	22	1296	468	856	1.096	6.812
3.0	13JUL88	10-20	18	1236	527	892	0.559	3.641
3.0	13JUL88	20-30	8	1179	513	1028	0.206	1.646
3.0	17AUG88	0- 9	125	1369	493	876	2.582	16.355
3.0	17AUG88	9-18	140	1365	483	928	2.777	19.103

Table 1d. Density, biomass and length data estimated from pump samples for *Daphnia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
3.0	17AUG88	18-27	53	1355	490	975	1.395	10.301
3.0	12OCT88	0- 7	59	1484	691	1152	0.907	8.662
3.0	12OCT88	7-14	56	1631	811	1195	0.546	5.532
3.0	12OCT88	14-21	39	1692	900	1276	0.381	4.268
3.0	18MAY90	0-10	2	684	603	643	0.013	0.048
3.0	18MAY90	10-20	3	1221	1004	1121	0.019	0.172
3.0	21JUN90	0-10	41	1637	575	893	0.432	2.857
3.0	21JUN90	10-20	19	1408	646	1091	0.138	1.215
3.0	21JUN90	20-30	2	1135	990	1063	0.014	0.118
3.0	19JUL90	0-10	151	1492	548	915	5.347	36.512
3.0	19JUL90	10-20	76	1491	728	1193	2.002	20.162
3.0	19JUL90	20-30	8	1389	615	1117	0.056	0.519
3.0	23AUG90	0-10	230	1648	423	958	1.248	9.166
3.0	23AUG90	10-20	91	1376	549	930	0.479	3.321
3.0	23AUG90	20-30	9	1708	938	1190	0.043	0.436
3.0	19SEP90	0-10	124	1354	350	889	1.192	7.689
3.0	19SEP90	10-20	43	1418	640	946	0.410	2.901
3.0	19SEP90	20-30	27	1501	428	1097	0.262	2.344
3.0	25OCT90	10-20	1	836	836	836	0.005	0.028
4.0	25JUN87	0- 5	8	1136	513	670	0.696	2.898
4.0	25JUN87	5-10	17	1194	727	903	1.030	6.723
4.0	25JUN87	10-15	14	1426	476	797	0.682	3.826
4.0	25JUN87	15-20	3	1349	1213	1265	0.060	0.657
4.0	25JUN87	20-25	1	380	380	380	0.125	0.208
4.0	09JUN88	0-10	24	1072	602	777	0.637	3.291
4.0	09JUN88	10-20	14	1245	637	908	0.143	0.941
4.0	09JUN88	20-30	4	870	575	708	0.040	0.180
4.0	14JUL88	0-10	31	1247	537	840	1.262	7.481
4.0	14JUL88	10-20	10	1283	493	946	0.304	2.176
4.0	14JUL88	20-30	6	1329	1048	1175	0.078	0.759
4.0	18AUG88	0- 7	83	1392	452	939	2.906	20.468
4.0	18AUG88	7-14	102	1448	498	1013	1.463	11.510
4.0	18AUG88	14-21	83	1517	481	968	2.595	19.132
4.0	13OCT88	0- 7	56	1578	788	1254	0.536	5.852
4.0	13OCT88	7-14	36	1533	716	1189	0.345	3.485
4.0	13OCT88	14-21	37	1538	788	1103	0.353	3.149
4.0	18MAY90	0-10	1	760	760	760	0.007	0.033
4.0	18MAY90	10-20	1	1032	1032	1032	0.007	0.055
4.0	22JUN90	0-10	86	1462	609	946	0.672	4.738
4.0	22JUN90	10-20	32	1358	713	1079	0.252	2.172
4.0	22JUN90	20-30	3	1093	868	974	0.023	0.167
4.0	18JUL90	0-10	78	1428	565	922	1.067	7.324
4.0	18JUL90	10-20	128	1560	349	1135	3.277	30.646
4.0	18JUL90	20-30	9	1259	811	1000	0.180	1.381
4.0	22AUG90	0-10	134	1524	492	922	1.662	11.563
4.0	22AUG90	10-20	12	1352	379	818	0.065	0.372

Table 1d. Density, biomass and length data estimated from pump samples for *Daphnia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
4.0	22AUG90	20-30	2	1246	1054	1150	0.011	0.099
4.0	21SEP90	0-10	18	1325	678	1036	0.171	1.389
4.0	21SEP90	10-20	14	1560	513	1058	0.135	1.154
4.0	21SEP90	20-30	4	1354	870	1086	0.038	0.337
4.0	24OCT90	0-10	6	1214	499	793	0.033	0.183
4.0	24OCT90	10-20	5	1253	795	983	0.024	0.180
4.0	24OCT90	20-30	2	721	697	709	0.010	0.043
5.0	22JUL87	0-8	74	1582	521	949	2.600	18.891
5.0	22JUL87	8-16	87	1659	491	919	3.500	24.283
5.0	22JUL87	16-24	26	1679	469	900	1.150	7.686
5.0	18AUG87	0-10	49	1465	506	822	1.877	10.669
5.0	18AUG87	10-20	89	1523	476	872	4.260	26.685
5.0	18AUG87	20-30	34	1291	510	856	2.045	12.373
5.0	17SEP87	0-10	92	1824	550	1113	1.840	16.899
5.0	17SEP87	10-20	16	1540	852	1248	0.320	3.461
5.0	17SEP87	20-30	131	1612	576	1162	2.620	25.547
5.0	11MAY88	0-10	14	1137	594	760	0.190	0.955
5.0	11MAY88	10-20	8	1170	444	907	0.082	0.544
5.0	11MAY88	20-30	5	1177	894	1039	0.051	0.408
5.0	08JUN88	0-10	37	1120	501	743	0.990	4.804
5.0	08JUN88	10-20	11	1269	669	968	0.243	1.783
5.0	08JUN88	20-30	7	1237	549	948	0.121	0.868
5.0	13JUL88	0-10	46	1269	450	830	1.329	7.767
5.0	13JUL88	10-20	14	1516	589	1068	0.265	2.277
5.0	13JUL88	20-30	4	1100	583	832	0.041	0.240
5.0	17AUG88	0-9	100	1299	423	825	1.479	8.506
5.0	17AUG88	9-18	140	1336	477	872	2.759	17.373
5.0	17AUG88	18-27	117	1368	448	1048	2.388	19.817
5.0	12OCT88	0-7	39	1469	715	1128	1.106	10.241
5.0	12OCT88	7-14	36	1486	868	1233	0.304	3.224
5.0	12OCT88	14-21	20	1717	775	1206	0.193	1.996
5.0	18MAY90	10-20	13	1477	476	774	0.121	0.650
5.0	21JUN90	0-10	2	1336	1103	1220	0.016	0.161
5.0	21JUN90	10-20	1	582	582	582	0.008	0.026
5.0	21JUN90	20-30	4	1112	663	919	0.031	0.210
5.0	19JUL90	0-10	154	1425	542	910	1.088	7.255
5.0	19JUL90	10-20	41	1409	549	1044	0.287	2.358
5.0	19JUL90	20-30	17	1085	601	814	0.121	0.673
5.0	23AUG90	0-10	117	1442	436	890	0.657	4.300
5.0	23AUG90	10-20	33	1396	401	897	0.177	1.182
5.0	23AUG90	20-30	38	1581	563	882	0.225	1.443
5.0	19SEP90	0-10	155	1407	604	980	1.449	10.788
5.0	19SEP90	10-20	52	1528	582	906	0.491	3.251
5.0	19SEP90	20-30	16	1538	921	1172	0.154	1.508
5.0	25OCT90	10-20	2	887	612	750	0.010	0.047
5.0	25OCT90	20-30	1	743	743	743	0.005	0.023

Table 1d. Density, biomass and length data estimated from pump samples for *Daphnia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	23JUN87	0- 5	9	1388	580	759	0.474	2.458
7.0	23JUN87	5-10	9	1233	712	959	0.285	2.069
7.0	23JUN87	10-15	5	1368	993	1125	0.163	1.497
7.0	21JUL87	0- 5	60	1892	447	848	3.046	18.355
7.0	21JUL87	5-10	43	1446	395	828	2.066	12.122
7.0	21JUL87	10-17	49	1601	484	781	3.073	16.357
7.0	21JUL87	17-24	20	1291	373	752	1.240	6.365
7.0	19AUG87	0-10	12	1368	469	895	0.336	2.234
7.0	19AUG87	10-20	23	1330	513	835	0.835	4.889
7.0	19AUG87	20-30	59	1388	417	834	4.009	23.610
7.0	16SEP87	0-10	102	1626	627	1173	2.040	20.255
7.0	16SEP87	10-20	32	1590	500	974	0.640	4.802
7.0	16SEP87	20-30	111	1548	574	996	2.220	17.002
7.0	21OCT87	0- 8	33	1627	547	1103	0.660	5.971
7.0	21OCT87	8-16	38	1860	765	1066	0.760	6.496
7.0	21OCT87	16-30	19	1596	655	1007	0.380	2.985
7.0	10MAY88	0- 5	25	1279	525	851	0.308	1.881
7.0	10MAY88	5-10	13	1006	525	803	0.157	0.859
7.0	10MAY88	10-20	9	1132	835	959	0.083	0.593
7.0	10MAY88	20-30	7	1254	903	1067	0.074	0.627
7.0	07JUN88	0-10	24	1163	581	752	1.329	6.564
7.0	07JUN88	10-20	4	762	504	634	0.040	0.150
7.0	07JUN88	20-30	9	1225	526	794	0.116	0.638
7.0	12JUL88	0-10	34	1210	498	831	1.696	9.816
7.0	12JUL88	10-20	42	1347	474	943	0.495	3.513
7.0	12JUL88	20-30	4	1393	1119	1222	0.036	0.378
7.0	16AUG88	0- 9	125	1363	456	822	3.256	18.563
7.0	16AUG88	9-18	124	1357	517	883	2.515	16.052
7.0	16AUG88	18-27	126	1394	460	911	2.520	16.954
7.0	11OCT88	0- 7	27	1415	836	1096	0.318	2.799
7.0	11OCT88	7-14	44	1541	704	1088	0.563	4.929
7.0	11OCT88	14-21	51	1680	779	1269	0.658	7.313
7.0	17MAY90	6-12	2	1485	1297	1391	0.020	0.259
7.0	17MAY90	12-30	1	681	681	681	0.010	0.042
7.0	20JUN90	0-10	18	1426	642	1069	0.153	1.298
7.0	20JUN90	10-20	1	1137	1137	1137	0.009	0.080
7.0	20JUN90	20-30	2	978	577	778	0.018	0.093
7.0	20JUL90	0-10	44	1304	635	881	0.306	1.937
7.0	20JUL90	10-20	42	1561	622	1026	0.290	2.331
7.0	20JUL90	20-30	13	1310	850	1136	0.089	0.826
7.0	24AUG90	0-10	248	2018	475	985	1.798	13.815
7.0	24AUG90	10-20	75	1467	595	1001	0.449	3.458
7.0	24AUG90	20-30	31	1389	658	1154	0.178	1.702
7.0	20SEP90	0-10	13	1201	812	975	0.123	0.897
7.0	20SEP90	10-20	2	833	581	707	0.020	0.088
7.0	26OCT90	0-10	4	1081	549	747	0.019	0.096

Table 1d. Density, biomass and length data estimated from pump samples for *Daphnia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	26OCT90	10-20	2	763	686	725	0.010	0.044
7.0	26OCT90	20-30	1	506	506	506	0.005	0.012
8.0	24JUN87	0- 5	4	1368	823	937	0.165	1.145
8.0	24JUN87	5-10	8	1291	550	803	0.529	2.945
8.0	24JUN87	10-15	2	1136	535	618	0.145	0.540
8.0	24JUN87	15-20	1	1407	1407	1407	0.020	0.258
8.0	22JUL87	0- 8	35	1407	557	830	1.348	7.846
8.0	22JUL87	8-16	58	1407	454	819	3.155	18.025
8.0	22JUL87	16-24	35	1465	476	841	1.561	9.339
8.0	18AUG87	0-10	70	1640	535	857	3.053	18.758
8.0	18AUG87	10-20	68	1504	432	995	2.023	15.680
8.0	18AUG87	20-30	44	2028	587	885	2.035	13.155
8.0	17SEP87	0-10	89	1589	657	1130	1.780	16.622
8.0	17SEP87	10-20	30	1538	639	1048	0.600	5.026
8.0	17SEP87	20-30	78	1506	538	1019	1.560	12.458
8.0	20OCT87	0- 8	52	1662	572	1013	1.040	8.181
8.0	20OCT87	8-16	38	1569	844	1070	0.760	6.434
8.0	20OCT87	16-30	11	1455	832	1036	0.220	1.780
8.0	12MAY88	0-10	1	1103	1103	1103	0.009	0.080
8.0	12MAY88	10-20	7	1117	601	851	0.065	0.392
8.0	12MAY88	20-30	2	908	566	689	0.025	0.110
8.0	19JUN90	0-10	28	1328	574	734	0.595	2.878
8.0	19JUN90	10-20	1	1074	1074	1074	0.016	0.132
8.0	19JUN90	20-30	3	637	542	582	0.031	0.102
8.0	17JUL90	0-10	39	1452	652	1034	0.540	4.364
8.0	17JUL90	10-20	46	1451	560	990	0.342	2.601
8.0	17JUL90	20-30	28	1459	835	1168	0.378	3.688
8.0	21AUG90	0-10	192	1647	516	911	1.103	7.461
8.0	21AUG90	10-20	27	1319	532	834	0.155	0.908
8.0	21AUG90	20-30	9	1335	546	830	0.055	0.320
8.0	18SEP90	0-10	26	1166	434	832	0.245	1.421
8.0	18SEP90	10-20	12	1298	864	1062	0.114	0.958
8.0	18SEP90	20-30	4	1807	713	1192	0.038	0.399
8.0	23OCT90	0-10	4	1167	617	895	0.018	0.116
8.0	23OCT90	10-20	8	961	376	705	0.036	0.162
8.0	23OCT90	20-30	3	1848	872	1519	0.013	0.204
8.1	16MAY90	0-10	6	1372	565	707	0.307	1.422
8.1	16MAY90	10-20	4	1409	517	652	0.093	0.384
8.1	16MAY90	20-25	1	572	572	572	0.016	0.049
8.1	19JUN90	0-10	104	1367	530	991	2.390	18.133
8.1	19JUN90	10-20	1	854	854	854	0.010	0.058
8.1	17JUL90	0-10	10	1329	444	683	0.147	0.660
8.1	17JUL90	10-20	5	1248	880	1092	0.077	0.674
8.1	17JUL90	20-30	6	970	569	761	0.046	0.231
8.1	21AUG90	0-10	124	1424	465	843	0.795	4.737
8.1	21AUG90	10-20	14	1347	740	960	0.087	0.627

Table 1d. Density, biomass and length data estimated from pump samples for *Daphnia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
8.1	18SEP90	0-10	14	1020	535	768	0.132	0.673
8.1	18SEP90	10-20	2	1011	1000	1006	0.019	0.145
8.1	18SEP90	20-30	3	1375	943	1188	0.029	0.289
8.1	23OCT90	0-10	2	847	759	803	0.010	0.051
8.1	23OCT90	10-20	4	1472	730	1013	0.019	0.153
9.0	23JUL87	0- 7	73	1349	506	911	3.077	20.777
9.0	23JUL87	7-14	29	1465	447	733	1.854	9.002
9.0	23JUL87	14-21	15	1426	469	810	0.846	4.739
9.0	20AUG87	0-10	24	1388	484	868	1.208	7.588
9.0	20AUG87	10-20	34	1310	484	805	1.625	9.054
9.0	20AUG87	20-30	7	1136	941	1019	0.211	1.647
9.0	15SEP87	0-10	76	1454	534	1024	1.520	12.217
9.0	15SEP87	10-20	26	1452	557	1079	0.520	4.516
9.0	15SEP87	20-30	60	1540	582	938	1.200	8.343
9.0	22OCT87	0- 8	17	1633	609	1310	0.340	3.984
9.0	22OCT87	8-16	26	1608	524	1110	0.520	4.722
9.0	22OCT87	16-30	11	1522	529	1180	0.220	2.243
9.0	12MAY88	0-10	1	1009	1009	1009	0.009	0.071
9.0	12MAY88	10-20	5	1228	799	1032	0.044	0.352
9.0	12MAY88	20-30	1	464	464	464	0.014	0.031
9.0	09JUN88	0-10	44	1110	566	705	2.046	9.121
9.0	09JUN88	10-20	19	1205	471	696	0.391	1.750
9.0	09JUN88	20-30	12	1211	491	942	0.130	0.920
9.0	14JUL88	0-10	27	1161	587	771	0.899	4.594
9.0	14JUL88	10-20	6	1154	562	948	0.114	0.814
9.0	14JUL88	20-30	2	1153	587	870	0.019	0.122
9.0	18AUG88	0- 7	55	1405	581	953	1.420	10.220
9.0	18AUG88	7-14	44	1459	587	1024	0.467	3.744
9.0	18AUG88	14-21	43	1404	426	1034	1.431	11.669
9.0	13OCT88	0- 7	38	1473	764	1177	0.660	6.524
9.0	13OCT88	7-14	69	1665	769	1192	0.658	6.647
9.0	13OCT88	14-21	11	1629	877	1284	0.106	1.204
9.0	17MAY90	10-20	1	700	700	700	0.010	0.042
9.0	22JUN90	0-10	78	1368	476	651	1.630	6.615
9.0	22JUN90	10-20	37	1286	674	967	0.448	3.253
9.0	22JUN90	20-30	8	1174	685	912	0.056	0.372
9.0	18JUL90	0-10	41	1373	466	835	0.357	2.131
9.0	18JUL90	10-20	36	1430	614	1108	0.255	2.297
9.0	18JUL90	20-30	6	1322	981	1175	0.043	0.416
9.0	22AUG90	0-10	57	1624	511	841	0.436	2.641
9.0	22AUG90	10-20	4	1283	628	853	0.023	0.141
9.0	22AUG90	20-30	2	1001	593	797	0.011	0.059
9.0	21SEP90	0-10	9	1282	479	796	0.090	0.501
9.0	21SEP90	10-20	8	1274	581	993	0.078	0.594
9.0	21SEP90	20-30	4	1256	1008	1149	0.039	0.367
9.0	24OCT90	10-20	5	882	523	685	0.032	0.139

Table 1d. Density, biomass and length data estimated from pump samples for *Daphnia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. $\cdot \text{L}^{-1}$	Biomass $\text{mg}\cdot\text{m}^{-3}$
9.0	24OCT90	20-30	2	777	617	697	0.010	0.043

Table 1e. Density, biomass and length data estimated from pump samples for *Diaptomidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	21JUL87	0- 7	40	1116	373	606	3.520	7.180
1.0	21JUL87	7-14	46	1233	321	664	2.630	6.625
1.0	21JUL87	14-21	7	897	329	536	0.581	1.016
1.0	19AUG87	0-10	15	1039	329	615	1.014	2.179
1.0	19AUG87	10-20	6	1116	395	737	0.330	0.981
1.0	19AUG87	20-30	15	1136	661	811	1.180	3.842
1.0	10MAY88	0-10	280	901	266	460	11.747	14.398
1.0	10MAY88	10-20	153	886	281	430	1.691	1.888
1.0	10MAY88	20-30	133	863	288	425	1.732	1.888
1.0	07JUN88	0-10	316	959	286	451	65.726	79.610
1.0	07JUN88	10-20	209	916	282	526	3.033	4.625
1.0	07JUN88	20-30	127	932	252	532	1.322	2.029
1.0	12JUL88	0-10	137	808	319	592	4.833	9.124
1.0	12JUL88	10-20	263	858	360	625	5.000	10.367
1.0	12JUL88	20-30	76	775	363	639	0.769	1.653
1.0	16AUG88	0- 9	54	888	317	641	0.990	2.106
1.0	16AUG88	9-18	40	805	479	647	1.376	2.999
1.0	16AUG88	18-27	51	806	576	698	1.488	3.653
1.0	11OCT88	0- 7	50	829	326	605	0.395	0.776
1.0	11OCT88	7-14	33	867	318	661	0.294	0.676
1.0	11OCT88	14-21	60	839	312	727	0.535	1.359
1.0	17MAY90	0-10	185	1005	305	463	8.404	10.557
1.0	17MAY90	10-20	70	792	247	370	1.566	1.336
1.0	17MAY90	20-30	80	743	294	357	0.808	0.635
1.0	20JUN90	0-10	95	941	273	458	2.306	2.902
1.0	20JUN90	10-20	7	811	287	510	0.064	0.095
1.0	20JUN90	20-30	3	542	321	460	0.024	0.030
1.0	20JUL90	0-10	70	740	319	558	0.866	1.492
1.0	20JUL90	10-20	164	870	347	602	1.934	3.768
1.0	20JUL90	20-30	278	798	478	617	4.722	9.602
1.0	24AUG90	0-10	14	802	465	644	0.085	0.189
1.0	24AUG90	10-20	39	840	490	630	0.223	0.463
1.0	24AUG90	20-30	119	817	494	662	0.580	1.327
1.0	20SEP90	0-10	34	913	305	672	0.291	0.646
1.0	20SEP90	10-20	57	931	601	726	0.533	1.317
1.0	20SEP90	20-30	29	850	585	718	0.274	0.650
1.0	26OCT90	0-10	18	957	349	618	0.379	0.801
1.0	26OCT90	10-20	17	885	337	518	0.182	0.283
1.0	26OCT90	20-30	8	842	367	528	0.039	0.062
3.0	11MAY88	0-10	266	866	276	401	15.211	14.845
3.0	11MAY88	10-20	220	907	285	433	3.617	4.051
3.0	11MAY88	20-30	177	868	244	399	3.136	3.069
3.0	08JUN88	0-10	298	937	268	417	29.707	31.632
3.0	08JUN88	10-20	213	920	250	463	6.577	8.393
3.0	08JUN88	20-30	59	903	308	599	0.588	1.117
3.0	13JUL88	0-10	212	932	307	598	10.648	20.633

Table 1e. Density, biomass and length data estimated from pump samples for *Diaptomidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
3.0	13JUL88	10-20	238	850	310	616	7.454	15.047
3.0	13JUL88	20-30	256	820	505	626	5.788	12.057
3.0	17AUG88	0- 9	77	837	352	652	1.591	3.537
3.0	17AUG88	9-18	32	798	545	654	0.514	1.133
3.0	17AUG88	18-27	115	850	522	668	2.418	5.604
3.0	12OCT88	0- 7	129	915	333	706	1.982	4.805
3.0	12OCT88	7-14	106	859	401	707	1.034	2.544
3.0	12OCT88	14-21	98	979	355	774	0.958	2.595
3.0	18MAY90	0-10	182	949	238	371	13.220	11.351
3.0	18MAY90	10-20	92	979	286	357	6.696	5.376
3.0	18MAY90	20-30	86	844	274	338	3.795	2.768
3.0	21JUN90	0-10	141	839	310	434	11.950	13.525
3.0	21JUN90	10-20	43	944	340	552	0.642	1.095
3.0	21JUN90	20-30	6	676	270	439	0.043	0.051
3.0	19JUL90	0-10	148	854	291	592	6.622	12.536
3.0	19JUL90	10-20	182	848	254	620	5.832	11.988
3.0	19JUL90	20-30	229	815	491	636	1.601	3.419
3.0	23AUG90	0-10	28	848	396	692	0.156	0.364
3.0	23AUG90	10-20	49	992	410	626	0.258	0.535
3.0	23AUG90	20-30	111	829	469	655	0.618	1.379
3.0	19SEP90	0-10	12	848	310	633	0.115	0.236
3.0	19SEP90	10-20	36	984	328	702	0.343	0.846
3.0	19SEP90	20-30	32	811	628	712	0.311	0.770
3.0	25OCT90	0-10	12	847	327	557	0.059	0.099
3.0	25OCT90	10-20	7	854	320	682	0.034	0.079
3.0	25OCT90	20-30	46	924	283	647	0.225	0.498
4.0	25JUN87	0- 5	98	1155	270	631	12.144	26.694
4.0	25JUN87	5-10	78	1233	358	770	8.460	25.810
4.0	25JUN87	10-15	43	1194	348	753	3.942	11.604
4.0	25JUN87	15-20	9	1213	380	732	1.020	2.827
4.0	25JUN87	20-25	21	1077	351	744	2.415	6.854
4.0	25JUN87	25-30	5	1097	668	788	0.304	0.952
4.0	09JUN88	0-10	268	957	287	415	35.999	37.962
4.0	09JUN88	10-20	123	972	264	428	2.787	3.167
4.0	09JUN88	20-30	99	872	266	374	0.998	0.897
4.0	14JUL88	0-10	213	914	337	577	9.848	17.860
4.0	14JUL88	10-20	250	824	299	601	7.602	14.655
4.0	14JUL88	20-30	139	851	298	653	1.696	3.785
4.0	18AUG88	0- 7	42	796	507	671	1.335	3.126
4.0	18AUG88	7-14	77	836	525	642	0.909	1.962
4.0	18AUG88	14-21	122	793	502	654	3.281	7.356
4.0	13OCT88	0- 7	90	890	392	713	0.862	2.121
4.0	13OCT88	7-14	83	890	340	705	0.797	1.963
4.0	13OCT88	14-21	76	926	626	758	0.725	1.962
4.0	18MAY90	0-10	228	955	292	416	8.510	8.848
4.0	18MAY90	10-20	109	892	288	376	2.830	2.443

Table 1e. Density, biomass and length data estimated from pump samples for *Diaptomidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
4.0	18MAY90	20-30	102	835	254	354	2.336	1.826
4.0	22JUN90	0-10	195	918	290	427	25.521	27.991
4.0	22JUN90	10-20	102	864	277	445	3.386	4.028
4.0	22JUN90	20-30	24	753	288	453	0.183	0.226
4.0	18JUL90	0-10	210	874	289	527	12.542	19.601
4.0	18JUL90	10-20	151	789	304	561	8.333	14.429
4.0	18JUL90	20-30	338	777	457	604	8.179	16.013
4.0	22AUG90	0-10	80	924	504	647	1.162	2.467
4.0	22AUG90	10-20	58	1014	294	628	0.312	0.654
4.0	22AUG90	20-30	120	756	493	627	0.632	1.314
4.0	21SEP90	0-10	19	840	353	552	0.181	0.301
4.0	21SEP90	10-20	53	890	326	686	0.510	1.165
4.0	21SEP90	20-30	30	850	542	692	0.288	0.675
4.0	24OCT90	0-10	39	917	356	653	0.219	0.495
4.0	24OCT90	10-20	36	803	308	580	0.174	0.301
4.0	24OCT90	20-30	22	911	357	672	0.106	0.241
5.0	22JUL87	0- 8	39	1155	307	546	3.340	5.827
5.0	22JUL87	8-16	26	1213	329	623	2.040	4.475
5.0	22JUL87	16-24	10	1271	439	716	0.578	1.593
5.0	18AUG87	0-10	28	1039	314	597	1.135	2.343
5.0	18AUG87	10-20	15	1097	351	743	1.020	2.950
5.0	18AUG87	20-30	16	1077	535	747	1.594	4.516
5.0	17SEP87	0-10	23	968	358	739	0.460	1.266
5.0	17SEP87	10-20	11	911	319	728	0.220	0.592
5.0	17SEP87	20-30	28	917	602	764	0.560	1.614
5.0	11MAY88	0-10	316	928	297	469	10.070	12.978
5.0	11MAY88	10-20	174	848	290	481	1.776	2.383
5.0	11MAY88	20-30	111	886	300	444	1.121	1.309
5.0	08JUN88	0-10	277	873	251	424	31.253	33.896
5.0	08JUN88	10-20	233	983	250	447	11.934	14.589
5.0	08JUN88	20-30	59	952	291	541	1.019	1.712
5.0	13JUL88	0-10	167	924	304	622	4.723	9.482
5.0	13JUL88	10-20	218	973	301	630	4.132	8.743
5.0	13JUL88	20-30	169	793	283	638	1.744	3.754
5.0	17AUG88	0- 9	37	861	371	617	0.608	1.244
5.0	17AUG88	9-18	32	733	285	612	0.499	1.007
5.0	17AUG88	18-27	72	764	497	602	1.192	2.316
5.0	12OCT88	0- 7	117	921	354	722	3.311	8.518
5.0	12OCT88	7-14	97	897	356	719	0.820	2.042
5.0	12OCT88	14-21	138	942	570	727	1.335	3.309
5.0	18MAY90	0-10	112	957	262	368	7.284	6.047
5.0	18MAY90	10-20	71	907	262	361	1.618	1.322
5.0	18MAY90	20-30	46	991	282	381	0.293	0.283
5.0	21JUN90	0-10	75	733	229	409	1.503	1.557
5.0	21JUN90	10-20	7	662	574	612	0.056	0.111
5.0	21JUN90	20-30	3	759	283	563	0.023	0.044

Table 1e. Density, biomass and length data estimated from pump samples for *Diaptomidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	19JUL90	0-10	100	911	488	628	1.019	2.110
5.0	19JUL90	10-20	96	925	309	627	0.671	1.412
5.0	19JUL90	20-30	61	795	297	628	0.433	0.906
5.0	23AUG90	0-10	22	839	312	473	0.124	0.165
5.0	23AUG90	10-20	41	845	239	509	0.220	0.336
5.0	23AUG90	20-30	8	701	473	585	0.047	0.082
5.0	19SEP90	0-10	8	874	419	574	0.132	0.237
5.0	19SEP90	10-20	42	986	382	696	0.396	0.965
5.0	19SEP90	20-30	35	929	614	726	0.337	0.873
5.0	25OCT90	0-10	11	778	365	552	0.054	0.094
5.0	25OCT90	10-20	8	688	329	482	0.039	0.054
5.0	25OCT90	20-30	31	918	323	632	0.149	0.315
7.0	23JUN87	0- 5	32	1174	336	723	2.404	6.754
7.0	23JUN87	5-10	16	1155	336	605	1.265	2.667
7.0	23JUN87	10-15	7	1058	720	779	0.518	1.565
7.0	23JUN87	15-20	6	1186	646	813	0.300	0.994
7.0	23JUN87	20-25	8	1077	587	802	0.418	1.347
7.0	21JUL87	0- 5	69	1213	277	622	5.072	11.133
7.0	21JUL87	5-10	43	1213	329	652	3.138	7.494
7.0	21JUL87	10-17	16	1136	277	601	1.321	2.780
7.0	21JUL87	17-24	8	1136	380	591	0.790	1.585
7.0	19AUG87	0-10	37	1000	336	621	1.332	2.863
7.0	19AUG87	10-20	13	1174	388	666	0.535	1.328
7.0	19AUG87	20-30	16	1136	432	759	1.427	4.264
7.0	16SEP87	0-10	50	941	380	772	1.000	2.976
7.0	16SEP87	10-20	13	918	596	750	0.260	0.667
7.0	16SEP87	20-30	18	979	621	761	0.360	1.042
7.0	21OCT87	0- 8	11	920	418	689	0.220	0.553
7.0	21OCT87	8-16	18	1031	343	734	0.360	1.052
7.0	21OCT87	16-30	12	868	414	737	0.240	0.611
7.0	10MAY88	0- 5	178	965	295	441	3.229	3.824
7.0	10MAY88	5-10	199	999	280	434	4.509	5.211
7.0	10MAY88	10-20	177	931	293	418	2.862	3.045
7.0	10MAY88	20-30	198	921	240	428	3.704	4.127
7.0	07JUN88	0-10	328	964	292	454	68.548	83.906
7.0	07JUN88	10-20	85	773	283	387	0.847	0.786
7.0	07JUN88	20-30	166	902	267	407	2.431	2.461
7.0	12JUL88	0-10	248	809	332	593	12.909	24.481
7.0	12JUL88	10-20	194	838	328	612	2.285	4.557
7.0	12JUL88	20-30	155	789	346	631	1.408	2.971
7.0	16AUG88	0- 9	39	913	408	668	0.911	2.107
7.0	16AUG88	9-18	15	799	558	667	0.304	0.688
7.0	16AUG88	18-27	28	781	537	664	0.555	1.273
7.0	11OCT88	0- 7	31	867	357	688	0.392	0.850
7.0	11OCT88	7-14	17	834	338	617	0.218	0.427
7.0	11OCT88	14-21	22	861	370	708	0.284	0.726

Table 1e. Density, biomass and length data estimated from pump samples for *Diaptomidae* Sp.

Station	Date	Depth m	N	Max μm	Min μm	Mean μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	17MAY90	0- 6	99	866	268	388	3.520	3.245
7.0	17MAY90	6-12	78	894	282	386	4.332	3.990
7.0	17MAY90	12-30	189	952	249	365	1.929	1.616
7.0	20JUN90	0-10	146	926	284	412	8.692	9.026
7.0	20JUN90	10-20	41	785	277	465	0.357	0.445
7.0	20JUN90	20-30	17	630	300	463	0.150	0.190
7.0	20JUL90	0-10	83	808	253	524	1.762	2.738
7.0	20JUL90	10-20	98	875	328	577	1.310	2.388
7.0	20JUL90	20-30	185	835	344	574	3.137	5.628
7.0	24AUG90	0-10	18	821	399	658	0.121	0.248
7.0	24AUG90	10-20	21	868	522	650	0.183	0.386
7.0	24AUG90	20-30	36	801	509	636	0.246	0.491
7.0	20SEP90	0-10	18	751	341	588	0.170	0.298
7.0	20SEP90	10-20	5	789	667	725	0.050	0.114
7.0	20SEP90	20-30	7	777	638	703	0.067	0.162
7.0	26OCT90	0-10	23	892	319	559	0.112	0.199
7.0	26OCT90	10-20	12	834	338	456	0.058	0.072
7.0	26OCT90	20-30	14	787	316	521	0.067	0.106
8.0	24JUN87	0- 5	35	1155	321	628	2.825	6.212
8.0	24JUN87	5-10	51	1194	285	643	4.341	10.259
8.0	24JUN87	10-15	28	1155	373	727	2.870	7.833
8.0	24JUN87	15-20	25	934	602	727	3.325	8.938
8.0	24JUN87	20-25	22	1136	594	771	2.055	6.136
8.0	22JUL87	0- 8	60	1213	299	653	3.000	7.104
8.0	22JUL87	8-16	15	1213	336	552	1.035	1.967
8.0	22JUL87	16-24	11	1039	498	729	1.327	3.630
8.0	18AUG87	0-10	45	1058	358	711	3.009	8.064
8.0	18AUG87	10-20	39	1310	348	719	2.106	5.694
8.0	18AUG87	20-30	15	1155	631	763	1.455	4.275
8.0	17SEP87	0-10	22	966	335	751	0.440	1.294
8.0	17SEP87	10-20	14	958	537	741	0.280	0.789
8.0	17SEP87	20-30	22	958	678	775	0.440	1.348
8.0	20OCT87	0- 8	37	934	321	751	0.740	2.172
8.0	20OCT87	8-16	16	937	353	684	0.320	0.779
8.0	20OCT87	16-30	31	949	326	758	0.620	1.673
8.0	12MAY88	0-10	169	846	254	406	4.801	4.750
8.0	12MAY88	10-20	202	918	279	401	3.153	3.097
8.0	12MAY88	20-30	211	869	251	378	3.218	2.863
8.0	16MAY90	0-10	181	987	273	435	5.717	6.483
8.0	16MAY90	10-20	126	890	269	396	4.029	3.877
8.0	16MAY90	20-30	102	909	201	377	3.394	3.015
8.0	19JUN90	0-10	148	869	255	460	15.712	19.524
8.0	19JUN90	10-20	29	905	298	510	0.453	0.691
8.0	19JUN90	20-30	16	779	290	562	0.167	0.266
8.0	17JUL90	0-10	232	886	305	558	11.377	19.519
8.0	17JUL90	10-20	212	823	456	608	2.156	4.262

Table 1e. Density, biomass and length data estimated from pump samples for *Diaptomidae* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
8.0	17JUL90	20-30	299	813	468	586	6.676	12.424
8.0	21AUG90	0-10	24	802	461	645	0.138	0.290
8.0	21AUG90	10-20	82	881	313	621	0.471	0.968
8.0	21AUG90	20-30	93	773	504	650	0.564	1.237
8.0	18SEP90	0-10	9	767	345	565	0.085	0.145
8.0	18SEP90	10-20	17	837	596	709	0.162	0.372
8.0	18SEP90	20-30	18	770	534	666	0.171	0.396
8.0	23OCT90	0-10	33	963	326	682	0.148	0.326
8.0	23OCT90	10-20	79	1024	319	632	0.354	0.715
8.0	23OCT90	20-30	53	920	338	598	0.238	0.435
8.1	16MAY90	0-10	173	932	255	457	16.497	20.075
8.1	16MAY90	10-20	48	912	284	400	1.283	1.280
8.1	16MAY90	20-25	39	773	264	345	0.609	0.477
8.1	19JUN90	0-10	168	893	282	483	16.729	22.775
8.1	19JUN90	10-20	83	915	400	590	1.578	2.936
8.1	19JUN90	20-30	5	665	382	558	0.048	0.082
8.1	17JUL90	0-10	151	857	303	579	2.481	4.530
8.1	17JUL90	10-20	230	768	399	603	4.998	9.764
8.1	17JUL90	20-30	109	759	451	617	0.838	1.707
8.1	21AUG90	0-10	62	877	483	664	0.397	0.872
8.1	21AUG90	10-20	113	905	478	630	0.908	1.870
8.1	21AUG90	20-30	127	748	484	621	0.672	1.380
8.1	18SEP90	0-10	21	716	331	464	0.198	0.254
8.1	18SEP90	10-20	3	696	670	679	0.029	0.058
8.1	18SEP90	20-30	2	813	691	752	0.019	0.049
8.1	23OCT90	0-10	42	965	324	626	0.271	0.557
8.1	23OCT90	10-20	37	900	328	667	0.177	0.404
8.1	23OCT90	20-30	9	870	351	700	0.044	0.113
9.0	23JUL87	0- 7	47	1291	307	616	5.056	10.989
9.0	23JUL87	7-14	19	1077	366	619	1.927	4.097
9.0	23JUL87	14-21	16	963	314	643	1.776	4.040
9.0	20AUG87	0-10	20	1077	358	708	1.947	5.149
9.0	20AUG87	10-20	22	1077	373	711	1.637	4.319
9.0	20AUG87	20-30	29	934	639	772	2.639	7.859
9.0	15SEP87	0-10	70	964	345	736	1.400	3.826
9.0	15SEP87	10-20	75	946	611	779	1.500	4.468
9.0	15SEP87	20-30	66	901	667	753	1.320	3.696
9.0	22OCT87	0- 8	81	1023	343	757	1.620	4.547
9.0	22OCT87	8-16	46	1036	326	774	0.920	2.672
9.0	22OCT87	16-30	80	1004	342	785	1.600	4.639
9.0	12MAY88	0-10	326	922	257	394	9.426	9.074
9.0	12MAY88	10-20	242	937	264	382	4.941	4.492
9.0	12MAY88	20-30	197	876	258	352	2.661	2.098
9.0	09JUN88	0-10	303	976	288	413	83.060	86.574
9.0	09JUN88	10-20	258	896	271	405	18.298	18.506
9.0	09JUN88	20-30	185	891	266	412	3.378	3.567

Table 1e. Density, biomass and length data estimated from pump samples for *Diaptomidae* Sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·L ⁻¹	Biomass mg·m ⁻³
				Length μm	Length μm	Length μm		
9.0	14JUL88	0-10	282	1008	284	540	21.265	34.494
9.0	14JUL88	10-20	304	800	355	612	5.772	11.495
9.0	14JUL88	20-30	171	858	469	619	1.641	3.359
9.0	18AUG88	0- 7	89	778	486	634	1.956	4.130
9.0	18AUG88	7-14	112	760	362	632	1.188	2.507
9.0	18AUG88	14-21	150	812	327	656	4.361	9.838
9.0	13OCT88	0- 7	104	893	536	729	1.792	4.486
9.0	13OCT88	7-14	54	966	416	741	0.515	1.304
9.0	13OCT88	14-21	68	1014	591	751	0.656	1.701
9.0	17MAY90	0-10	137	936	250	408	1.343	1.359
9.0	17MAY90	10-20	114	976	263	438	2.162	2.483
9.0	17MAY90	20-30	81	906	293	402	1.594	1.547
9.0	22JUN90	0-10	255	955	282	429	33.094	36.695
9.0	22JUN90	10-20	198	965	278	459	28.681	35.884
9.0	22JUN90	20-30	40	817	278	416	0.280	0.306
9.0	18JUL90	0-10	150	833	291	512	6.214	9.272
9.0	18JUL90	10-20	151	809	318	563	5.445	9.434
9.0	18JUL90	20-30	191	872	270	569	2.665	4.717
9.0	22AUG90	0-10	38	880	497	639	0.308	0.656
9.0	22AUG90	10-20	40	814	481	607	0.230	0.447
9.0	22AUG90	20-30	192	774	461	648	1.043	2.307
9.0	21SEP90	0-10	22	863	354	663	0.220	0.458
9.0	21SEP90	10-20	30	750	356	616	0.291	0.578
9.0	21SEP90	20-30	47	834	562	700	0.456	1.050
9.0	24OCT90	0-10	24	1024	326	736	0.117	0.279
9.0	24OCT90	10-20	59	943	476	751	0.293	0.755
9.0	24OCT90	20-30	64	949	325	748	0.315	0.782

Table 1f. Density, biomass and length data estimated from pump samples for *Epischura* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	21JUL87	0- 7	2	1108	1031	1070	0.040	0.283
1.0	21JUL87	7-14	2	1504	1291	1398	0.040	0.481
1.0	19AUG87	10-20	2	2047	1931	1989	0.040	0.956
1.0	07JUN88	0-10	1	877	877	877	0.048	0.229
1.0	07JUN88	10-20	1	927	927	927	0.010	0.053
1.0	12JUL88	0-10	4	1133	585	751	0.141	0.540
1.0	16AUG88	0- 9	2	595	472	534	0.028	0.051
1.0	11OCT88	0- 7	1	1413	1413	1413	0.008	0.096
1.0	11OCT88	14-21	2	2219	1516	1867	0.018	0.389
1.0	20JUL90	0-10	2	787	431	533	0.025	0.050
1.0	20SEP90	0-10	1	533	533	533	0.009	0.015
1.0	26OCT90	0-10	1	780	780	780	0.016	0.059
1.0	26OCT90	10-20	6	1445	683	1036	0.029	0.202
1.0	26OCT90	20-30	1	1269	1269	1269	0.005	0.048
3.0	08JUN88	0-10	4	1362	918	1090	0.064	0.482
3.0	13JUL88	0-10	3	1304	564	843	0.150	0.759
3.0	17AUG88	0- 9	3	1104	455	812	0.062	0.282
3.0	17AUG88	9-18	4	1169	637	867	0.084	0.413
3.0	17AUG88	18-27	1	1551	1551	1551	0.028	0.410
3.0	12OCT88	0- 7	1	1762	1762	1762	0.015	0.289
3.0	18MAY90	0-10	1	765	765	765	0.006	0.023
3.0	21JUN90	0-10	13	1624	526	712	0.230	0.870
3.0	19JUL90	0-10	5	613	439	520	0.254	0.443
3.0	23AUG90	0-10	3	1707	335	607	0.028	0.110
3.0	23AUG90	10-20	1	1179	1179	1179	0.005	0.045
3.0	19SEP90	0-10	17	1850	390	940	0.163	1.188
3.0	19SEP90	10-20	4	1764	1455	1629	0.038	0.619
3.0	19SEP90	20-30	1	612	612	612	0.010	0.023
3.0	25OCT90	10-20	1	950	950	950	0.005	0.027
3.0	25OCT90	20-30	1	1159	1159	1159	0.005	0.041
4.0	25JUN87	0- 5	5	1853	1155	1316	0.100	1.105
4.0	25JUN87	5-10	5	1806	1116	1342	0.100	1.145
4.0	09JUN88	10-20	1	809	809	809	0.010	0.042
4.0	09JUN88	20-30	1	782	782	782	0.010	0.039
4.0	14JUL88	0-10	5	779	438	650	0.207	0.574
4.0	14JUL88	20-30	1	579	579	579	0.010	0.021
4.0	18AUG88	0- 7	2	1035	448	820	0.057	0.266
4.0	13OCT88	0- 7	1	867	867	867	0.010	0.045
4.0	22JUN90	0-10	10	1499	919	1117	0.078	0.612
4.0	22AUG90	0-10	23	1732	564	957	0.313	2.072
4.0	22AUG90	10-20	3	1484	1300	1419	0.016	0.199
4.0	22AUG90	20-30	1	1491	1491	1491	0.005	0.071
4.0	21SEP90	0-10	11	972	495	659	0.105	0.302
4.0	21SEP90	10-20	1	1219	1219	1219	0.010	0.088
4.0	24OCT90	0-10	3	825	572	626	0.023	0.059
4.0	24OCT90	10-20	2	961	956	956	0.010	0.055

Table 1f. Density, biomass and length data estimated from pump samples for *Epischura* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	22JUL87	0- 8	3	1504	1058	1304	0.060	0.638
5.0	22JUL87	8-16	12	1678	875	1118	0.320	2.561
5.0	18AUG87	0-10	1	1426	1426	1426	0.020	0.249
5.0	18AUG87	10-20	1	1678	1678	1678	0.020	0.342
5.0	17SEP87	10-20	3	1561	1071	1236	0.060	0.582
5.0	17SEP87	20-30	1	1964	1964	1964	0.020	0.466
5.0	08JUN88	0-10	15	1525	636	1030	0.401	2.812
5.0	08JUN88	10-20	1	1035	1035	1035	0.022	0.146
5.0	13JUL88	0-10	7	845	589	685	0.205	0.612
5.0	13JUL88	10-20	1	840	840	840	0.019	0.083
5.0	17AUG88	0- 9	3	613	466	550	0.049	0.097
5.0	21JUN90	0-10	6	696	302	425	0.118	0.144
5.0	19JUL90	0-10	8	635	368	480	0.289	0.436
5.0	19JUL90	10-20	5	599	449	539	0.035	0.065
5.0	23AUG90	0-10	4	1511	511	1145	0.022	0.201
5.0	23AUG90	10-20	2	1023	787	905	0.011	0.056
5.0	19SEP90	0-10	8	977	438	563	0.190	0.417
5.0	19SEP90	10-20	3	1382	453	801	0.028	0.142
5.0	25OCT90	0-10	2	599	429	514	0.010	0.017
5.0	25OCT90	10-20	3	1430	916	1187	0.014	0.129
5.0	25OCT90	20-30	2	767	529	648	0.010	0.026
7.0	23JUN87	5-10	3	1601	923	1018	0.165	1.106
7.0	21JUL87	0- 5	1	1562	1562	1562	0.020	0.297
7.0	19AUG87	0-10	4	1795	1330	1664	0.080	1.364
7.0	19AUG87	10-20	1	1872	1872	1872	0.020	0.424
7.0	16SEP87	0-10	6	1838	756	1479	0.120	1.711
7.0	16SEP87	10-20	1	928	928	928	0.020	0.107
7.0	21OCT87	0- 8	1	1663	1663	1663	0.020	0.336
7.0	21OCT87	8-16	2	1610	1288	1449	0.040	0.519
7.0	12JUL88	0-10	3	1410	969	1259	0.147	1.468
7.0	16AUG88	0- 9	2	876	725	801	0.057	0.231
7.0	11OCT88	0- 7	3	708	545	616	0.042	0.102
7.0	11OCT88	7-14	1	797	797	797	0.013	0.051
7.0	20JUN90	0-10	1	416	416	416	0.094	0.105
7.0	20JUL90	20-30	1	719	719	719	0.007	0.022
7.0	24AUG90	0-10	4	1082	424	678	0.023	0.078
7.0	24AUG90	10-20	1	1625	1625	1625	0.006	0.094
7.0	20SEP90	0-10	2	1019	498	759	0.019	0.076
7.0	20SEP90	20-30	1	1757	1757	1757	0.010	0.180
7.0	26OCT90	0-10	3	740	416	547	0.015	0.029
7.0	26OCT90	10-20	2	757	532	645	0.010	0.026
7.0	26OCT90	20-30	1	1170	1170	1170	0.005	0.040
8.0	24JUN87	0- 5	2	1678	1136	1407	0.040	0.501
8.0	22JUL87	0- 8	5	1903	1039	1582	0.100	1.587
8.0	22JUL87	8-16	2	1640	1562	1601	0.040	0.624
8.0	22JUL87	16-24	1	1213	1213	1213	0.020	0.181

Table 1f. Density, biomass and length data estimated from pump samples for *Epischura* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
8.0	18AUG87	0-10	2	1853	1620	1737	0.040	0.735
8.0	18AUG87	10-20	2	1678	1155	1417	0.040	0.507
8.0	18AUG87	20-30	1	1892	1892	1892	0.020	0.433
8.0	17SEP87	0-10	1	1759	1759	1759	0.020	0.375
8.0	17SEP87	10-20	5	1844	1591	1663	0.100	1.686
8.0	17SEP87	20-30	1	1784	1784	1784	0.020	0.386
8.0	20OCT87	0- 8	1	1630	1630	1630	0.020	0.323
8.0	20OCT87	16-30	1	1603	1603	1603	0.020	0.313
8.0	21AUG90	0-10	2	1369	559	964	0.011	0.077
8.0	18SEP90	0-10	19	1054	356	677	0.179	0.553
8.0	23OCT90	0-10	7	955	334	758	0.031	0.122
8.0	23OCT90	10-20	9	1279	339	727	0.040	0.155
8.0	23OCT90	20-30	1	696	696	696	0.004	0.014
8.1	19JUN90	0-10	6	1655	1251	1448	0.066	0.853
8.1	21AUG90	10-20	1	557	557	557	0.015	0.029
8.1	18SEP90	0-10	7	619	303	479	0.066	0.100
8.1	23OCT90	0-10	3	778	473	539	0.030	0.057
8.1	23OCT90	10-20	1	745	745	745	0.005	0.017
9.0	23JUL87	0- 7	7	1717	1213	1449	0.140	1.828
9.0	15SEP87	0-10	1	1067	1067	1067	0.020	0.141
9.0	22OCT87	0- 8	1	800	800	800	0.020	0.080
9.0	22OCT87	16-30	1	1621	1621	1621	0.020	0.320
9.0	12MAY88	0-10	1	830	830	830	0.009	0.040
9.0	18AUG88	0- 7	1	661	661	661	0.026	0.073
9.0	18AUG88	7-14	1	1757	1757	1757	0.011	0.199
9.0	13OCT88	0- 7	2	1584	892	1238	0.035	0.351
9.0	13OCT88	7-14	1	1720	1720	1720	0.010	0.171
9.0	13OCT88	14-21	2	1846	1794	1820	0.019	0.387
9.0	22JUN90	0-10	5	1416	828	1188	0.036	0.325
9.0	22JUN90	10-20	1	311	311	311	0.345	0.217
9.0	18JUL90	0-10	1	965	965	965	0.007	0.041
9.0	22AUG90	0-10	10	1563	602	955	0.058	0.356
9.0	22AUG90	20-30	2	1653	486	1070	0.011	0.098
9.0	21SEP90	0-10	3	1047	501	850	0.030	0.146
9.0	21SEP90	10-20	2	873	747	810	0.019	0.080
9.0	21SEP90	20-30	1	699	699	699	0.010	0.030
9.0	24OCT90	0-10	5	1530	617	1221	0.024	0.242
9.0	24OCT90	10-20	3	1403	626	909	0.014	0.083
9.0	24OCT90	20-30	5	1169	486	737	0.025	0.093

Table 1g. Density, biomass and length data estimated from pump samples for *Holopedium* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·m ⁻³	Biomass mg·m ⁻³
1.0	12JUL88	0-10	1	568	568	568	35.277	0.062
1.0	16AUG88	0- 9	2	625	415	539	33.942	0.057
1.0	11OCT88	7-14	2	829	659	744	17.825	0.078
1.0	17MAY90	10-20	3	374	209	301	71.191	0.019
1.0	17MAY90	20-30	1	301	301	301	10.101	0.002
1.0	26OCT90	20-30	1	454	454	454	4.878	0.004
3.0	21JUN90	0-10	1	645	645	645	7.194	0.019
3.0	21JUN90	10-20	1	874	874	874	7.246	0.051
3.0	19JUL90	0-10	6	916	522	708	41.380	0.163
3.0	19SEP90	0-10	2	1128	536	832	19.231	0.168
4.0	18MAY90	20-30	1	418	418	418	24.857	0.016
5.0	12OCT88	0- 7	1	783	783	783	28.362	0.141
5.0	12OCT88	7-14	1	618	618	618	8.453	0.020
5.0	19JUL90	0-10	1	627	627	627	6.849	0.017
5.0	19JUL90	10-20	1	389	389	389	6.993	0.004
5.0	23AUG90	0-10	1	533	533	533	5.618	0.008
5.0	19SEP90	0-10	1	419	419	419	66.756	0.044
7.0	11OCT88	0- 7	1	714	714	714	11.765	0.043
7.0	20JUN90	10-20	1	384	384	384	8.696	0.004
7.0	20JUL90	0-10	4	703	612	652	27.778	0.077
7.0	24AUG90	0-10	4	855	491	661	25.486	0.085
7.0	24AUG90	20-30	1	304	304	304	9.270	0.002
8.0	16MAY90	0-10	1	365	365	365	62.893	0.027
8.0	17JUL90	0-10	1	928	928	928	7.194	0.061
8.0	21AUG90	0-10	1	956	956	956	5.747	0.054
9.0	17MAY90	0-10	1	338	338	338	9.804	0.003
9.0	17MAY90	10-20	1	341	341	341	24.510	0.008

Table 1h. Density, biomass and length data estimated from pump samples for *Keratella* sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
1.0	10MAY88	0-10	59	113	59	82	21.377	55.972
1.0	10MAY88	10-20	10	89	66	79	1.579	3.967
1.0	10MAY88	20-30	4	94	75	83	0.651	1.726
1.0	07JUN88	0-10	44	114	58	87	15.439	42.671
1.0	07JUN88	10-20	19	108	68	85	2.105	5.695
1.0	12JUL88	0-10	154	129	56	84	50.705	136.094
1.0	12JUL88	10-20	21	104	75	88	3.527	9.859
1.0	12JUL88	20-30	2	101	81	91	0.169	0.489
1.0	16AUG88	0- 9	49	106	49	77	8.679	21.359
1.0	16AUG88	9-18	87	108	49	76	31.729	76.575
1.0	16AUG88	18-27	35	102	57	78	12.723	31.597
1.0	11OCT88	0- 7	39	100	58	80	7.701	19.744
1.0	11OCT88	7-14	54	104	61	78	6.875	17.135
1.0	11OCT88	14-21	12	104	64	79	1.529	3.852
1.0	17MAY90	0-10	39	103	46	74	3.545	8.328
1.0	17MAY90	10-20	19	91	55	74	0.451	1.060
1.0	17MAY90	20-30	3	88	68	77	0.030	0.074
1.0	20JUN90	0-10	44	100	48	70	0.338	0.757
1.0	20JUN90	10-20	1	64	64	64	0.009	0.019
1.0	20JUL90	0-10	57	92	39	67	8.261	17.593
1.0	20JUL90	10-20	1	66	66	66	0.013	0.027
1.0	20JUL90	20-30	9	108	56	76	0.062	0.152
1.0	24AUG90	0-10	80	90	42	60	40.404	77.040
1.0	24AUG90	10-20	45	84	46	61	11.250	21.835
1.0	24AUG90	20-30	36	96	46	63	1.596	3.184
1.0	20SEP90	0-10	81	94	46	66	34.615	72.280
1.0	20SEP90	10-20	132	89	39	64	41.121	83.748
1.0	20SEP90	20-30	78	85	42	65	8.176	16.941
1.0	26OCT90	0-10	18	82	53	65	2.174	4.489
1.0	26OCT90	10-20	13	91	51	71	1.032	2.346
1.0	26OCT90	20-30	5	92	51	65	0.305	0.627
3.0	11MAY88	0-10	42	110	64	82	7.143	18.721
3.0	11MAY88	10-20	10	89	66	79	1.429	3.608
3.0	11MAY88	20-30	3	106	54	84	0.319	0.854
3.0	08JUN88	0-10	39	110	60	89	9.721	27.621
3.0	08JUN88	10-20	4	114	77	89	1.335	3.794
3.0	13JUL88	0-10	56	115	61	92	18.337	53.629
3.0	13JUL88	10-20	42	124	42	86	13.410	36.734
3.0	13JUL88	20-30	2	108	83	96	0.254	0.773
3.0	17AUG88	0- 9	51	109	56	81	13.695	35.179
3.0	17AUG88	9-18	41	116	63	86	15.101	41.554
3.0	17AUG88	18-27	66	120	58	82	23.379	60.985
3.0	12OCT88	0- 7	19	119	64	89	0.707	2.013
3.0	12OCT88	7-14	30	111	55	79	2.439	6.150
3.0	12OCT88	14-21	13	102	56	78	1.412	3.529
3.0	18MAY90	0-10	31	118	48	70	0.443	0.981

Table 1h. Density, biomass and length data estimated from pump samples for *Keratella* sp.

Station	Date	Depth m	N	Max μm	Min μm	Mean μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
3.0	18MAY90	10-20	9	92	64	77	0.057	0.140
3.0	18MAY90	20-30	4	90	64	80	0.025	0.065
3.0	21JUN90	0-10	16	83	53	69	0.115	0.252
3.0	21JUN90	10-20	21	100	52	74	0.152	0.361
3.0	19JUL90	0-10	43	103	53	71	2.696	6.093
3.0	19JUL90	10-20	13	89	48	66	0.342	0.716
3.0	19JUL90	20-30	5	94	52	78	0.035	0.087
3.0	23AUG90	0-10	14	82	37	60	1.436	2.761
3.0	23AUG90	10-20	70	94	40	63	18.421	37.074
3.0	23AUG90	20-30	20	110	42	66	2.404	5.019
3.0	19SEP90	0-10	42	91	44	66	5.051	10.629
3.0	19SEP90	10-20	74	90	36	66	11.746	24.683
3.0	19SEP90	20-30	69	103	36	66	11.165	23.559
3.0	25OCT90	0-10	37	100	46	64	2.578	5.269
3.0	25OCT90	10-20	20	94	44	62	0.976	1.933
3.0	25OCT90	20-30	28	97	46	68	1.144	2.486
4.0	09JUN88	0-10	28	121	56	88	7.056	19.859
4.0	09JUN88	10-20	2	120	105	113	0.510	1.828
4.0	09JUN88	20-30	1	111	111	111	0.067	0.238
4.0	14JUL88	0-10	89	124	56	87	29.303	81.004
4.0	14JUL88	10-20	23	114	64	87	2.535	7.064
4.0	18AUG88	0-7	39	112	61	88	6.806	19.089
4.0	18AUG88	7-14	33	124	64	89	6.980	19.719
4.0	18AUG88	14-21	53	114	55	89	13.860	39.290
4.0	13OCT88	0-7	37	110	69	83	2.953	7.851
4.0	13OCT88	7-14	46	108	54	83	3.679	9.761
4.0	13OCT88	14-21	15	111	74	95	1.789	5.387
4.0	18MAY90	10-20	12	93	48	73	0.083	0.192
4.0	18MAY90	20-30	3	83	64	72	0.020	0.046
4.0	22JUN90	0-10	27	88	51	73	0.211	0.487
4.0	22JUN90	10-20	7	89	51	69	0.055	0.120
4.0	18JUL90	0-10	73	108	40	66	10.504	22.219
4.0	18JUL90	10-20	25	91	53	67	1.044	2.223
4.0	22AUG90	0-10	15	77	46	64	1.648	3.353
4.0	22AUG90	10-20	88	81	46	62	9.462	18.711
4.0	22AUG90	20-30	74	99	37	63	1.558	3.132
4.0	21SEP90	0-10	76	86	36	64	24.127	49.012
4.0	21SEP90	10-20	75	92	46	69	18.029	39.402
4.0	21SEP90	20-30	49	104	45	69	2.356	5.155
4.0	24OCT90	0-10	34	85	42	64	3.301	6.769
4.0	24OCT90	10-20	54	97	36	63	2.372	4.735
4.0	24OCT90	20-30	53	78	42	62	0.800	1.574
5.0	17SEP87	0-10	2	75	72	74	0.080	0.187
5.0	17SEP87	10-20	5	108	59	78	0.100	0.247
5.0	17SEP87	20-30	5	95	73	84	0.200	0.535
5.0	11MAY88	0-10	58	109	64	87	20.139	55.929

Table 1h. Density, biomass and length data estimated from pump samples for *Keratella* sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
5.0	11MAY88	10-20	3	96	73	87	0.180	0.501
5.0	11MAY88	20-30	3	82	69	77	0.144	0.354
5.0	08JUN88	0-10	21	120	51	83	3.473	9.166
5.0	08JUN88	10-20	21	102	66	86	3.710	10.124
5.0	08JUN88	20-30	1	73	73	73	0.216	0.502
5.0	13JUL88	0-10	38	108	63	86	7.445	20.376
5.0	13JUL88	10-20	33	108	63	85	6.567	17.869
5.0	13JUL88	20-30	12	119	75	88	1.032	2.906
5.0	17AUG88	0- 9	39	113	54	79	14.039	35.120
5.0	17AUG88	9-18	61	98	55	73	16.594	38.732
5.0	17AUG88	18-27	57	110	45	74	15.456	36.248
5.0	12OCT88	0- 7	56	114	51	79	4.500	11.311
5.0	12OCT88	7-14	52	112	64	84	2.198	5.862
5.0	12OCT88	14-21	10	111	70	90	0.806	2.323
5.0	18MAY90	0-10	12	92	53	76	0.737	1.788
5.0	21JUN90	0-10	14	97	55	74	0.109	0.257
5.0	21JUN90	10-20	2	74	55	65	0.016	0.033
5.0	19JUL90	0-10	10	84	54	65	3.425	7.112
5.0	19JUL90	10-20	4	77	53	63	0.087	0.177
5.0	19JUL90	20-30	1	51	51	51	0.007	0.012
5.0	23AUG90	0-10	32	83	42	65	8.989	18.718
5.0	23AUG90	10-20	54	92	40	65	29.032	59.954
5.0	23AUG90	20-30	3	77	46	65	0.197	0.408
5.0	19SEP90	0-10	20	83	46	62	2.077	4.108
5.0	19SEP90	10-20	66	94	45	64	3.113	6.339
5.0	19SEP90	20-30	39	81	44	62	1.786	3.553
5.0	25OCT90	0-10	43	82	46	63	3.011	6.078
5.0	25OCT90	10-20	21	91	48	65	1.691	3.524
5.0	25OCT90	20-30	35	92	44	64	1.870	3.810
7.0	16SEP87	10-20	3	94	63	80	0.060	0.154
7.0	16SEP87	20-30	2	77	76	77	0.040	0.097
7.0	21OCT87	0- 8	12	108	54	82	0.480	1.247
7.0	21OCT87	8-16	16	107	59	78	0.640	1.598
7.0	21OCT87	16-30	11	92	63	81	0.440	1.134
7.0	10MAY88	0- 5	15	111	73	89	3.906	11.115
7.0	10MAY88	5-10	9	92	70	84	2.446	6.570
7.0	10MAY88	10-20	7	93	64	81	1.080	2.777
7.0	10MAY88	20-30	8	108	80	96	1.702	5.184
7.0	07JUN88	0-10	38	117	68	91	18.943	55.003
7.0	07JUN88	10-20	2	128	100	114	0.117	0.426
7.0	07JUN88	20-30	14	118	81	95	1.032	3.106
7.0	12JUL88	0-10	65	122	61	89	19.106	54.444
7.0	12JUL88	10-20	10	129	81	97	1.796	5.527
7.0	16AUG88	0- 9	57	99	55	79	8.626	21.643
7.0	16AUG88	9-18	44	114	56	80	11.603	29.618
7.0	16AUG88	18-27	50	100	48	80	18.038	45.790

Table 1h. Density, biomass and length data estimated from pump samples for *Keratella* sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·L ⁻¹	Biomass µg·m ⁻³
				Length µm	Length µm	Length µm		
7.0	11OCT88	0- 7	34	129	65	87	1.538	4.269
7.0	11OCT88	7-14	55	96	63	79	5.869	14.805
7.0	11OCT88	14-21	10	96	69	82	0.806	2.119
7.0	17MAY90	0- 6	36	98	38	70	0.685	1.539
7.0	17MAY90	6-12	14	85	48	75	0.143	0.341
7.0	17MAY90	12-30	9	98	64	76	0.092	0.223
7.0	20JUN90	0-10	13	96	55	73	0.110	0.255
7.0	20JUN90	10-20	1	74	74	74	0.009	0.020
7.0	20JUN90	20-30	1	58	58	58	0.009	0.016
7.0	20JUL90	0-10	91	92	36	63	31.597	63.881
7.0	20JUL90	10-20	5	80	46	64	0.493	1.001
7.0	20JUL90	20-30	5	75	48	63	0.055	0.111
7.0	24AUG90	0-10	61	166	51	78	32.275	80.422
7.0	24AUG90	10-20	121	78	37	56	70.760	126.868
7.0	24AUG90	20-30	54	78	37	59	15.517	28.914
7.0	20SEP90	0-10	105	91	45	69	33.019	73.080
7.0	20SEP90	10-20	75	100	48	68	2.970	6.392
7.0	20SEP90	20-30	30	84	40	62	0.288	0.568
7.0	26OCT90	0-10	57	92	44	64	4.612	9.388
7.0	26OCT90	10-20	27	87	38	60	1.442	2.748
7.0	26OCT90	20-30	30	84	39	63	2.381	4.803
8.0	17SEP87	0-10	3	86	63	73	0.120	0.279
8.0	17SEP87	10-20	3	108	68	88	0.060	0.168
8.0	17SEP87	20-30	1	91	91	91	0.020	0.058
8.0	20OCT87	0- 8	6	99	60	80	0.480	1.228
8.0	20OCT87	8-16	16	97	55	83	0.640	1.688
8.0	20OCT87	16-30	9	98	63	80	0.360	0.919
8.0	12MAY88	0-10	2	96	76	86	0.140	0.383
8.0	12MAY88	10-20	10	128	74	88	0.935	2.620
8.0	12MAY88	20-30	6	100	62	84	0.455	1.221
8.0	16MAY90	0-10	9	82	58	67	0.085	0.182
8.0	16MAY90	10-20	2	78	60	69	0.020	0.043
8.0	16MAY90	20-30	5	92	63	74	0.047	0.111
8.0	19JUN90	0-10	27	108	46	70	0.243	0.539
8.0	17JUL90	0-10	80	92	44	67	28.777	61.355
8.0	17JUL90	10-20	25	107	41	69	0.181	0.399
8.0	17JUL90	20-30	10	106	55	71	0.174	0.394
8.0	21AUG90	0-10	48	88	40	64	9.195	18.861
8.0	21AUG90	10-20	98	90	48	65	56.322	116.480
8.0	21AUG90	20-30	15	82	46	63	0.260	0.525
8.0	18SEP90	0-10	47	84	39	59	8.868	16.773
8.0	18SEP90	10-20	71	96	36	62	13.524	26.719
8.0	18SEP90	20-30	70	103	44	64	13.333	27.187
8.0	23OCT90	0-10	57	94	46	70	3.652	8.121
8.0	23OCT90	10-20	63	90	45	65	5.650	11.661
8.0	23OCT90	20-30	55	109	37	69	3.523	7.721

Table 1h. Density, biomass and length data estimated from pump samples for *Keratella* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. · L ⁻¹	Biomass μg · m ⁻³
8.1	16MAY90	0-10	49	96	48	71	1.273	2.886
8.1	16MAY90	10-20	25	100	42	73	0.240	0.560
8.1	16MAY90	20-25	6	80	59	70	0.094	0.208
8.1	19JUN90	0-10	64	100	44	73	2.813	6.551
8.1	19JUN90	10-20	1	64	64	64	0.010	0.020
8.1	17JUL90	0-10	56	100	38	66	5.691	11.980
8.1	17JUL90	10-20	9	94	58	73	0.067	0.155
8.1	17JUL90	20-30	10	84	32	61	0.077	0.149
8.1	21AUG90	0-10	44	79	40	60	9.402	17.975
8.1	21AUG90	10-20	80	87	37	64	24.845	50.340
8.1	21AUG90	20-30	2	71	56	63	0.011	0.021
8.1	18SEP90	0-10	70	91	39	63	22.013	43.912
8.1	18SEP90	10-20	77	90	42	64	7.333	14.937
8.1	18SEP90	20-30	17	82	49	65	0.163	0.341
8.1	23OCT90	0-10	50	84	42	65	2.990	6.149
8.1	23OCT90	10-20	43	82	38	64	1.870	3.838
8.1	23OCT90	20-30	5	82	47	62	0.025	0.049
9.0	15SEP87	0-10	3	100	69	81	0.333	0.856
9.0	15SEP87	10-20	2	68	54	61	0.154	0.299
9.0	15SEP87	20-30	4	82	64	75	0.174	0.413
9.0	22OCT87	0- 8	15	118	61	84	1.200	3.203
9.0	22OCT87	8-16	17	116	54	80	2.833	7.262
9.0	22OCT87	16-30	11	102	63	79	0.880	2.214
9.0	12MAY88	0-10	5	84	64	71	0.514	1.163
9.0	12MAY88	10-20	5	82	57	67	0.627	1.333
9.0	12MAY88	20-30	5	95	64	78	0.340	0.840
9.0	09JUN88	0-10	33	128	72	91	14.373	41.702
9.0	09JUN88	10-20	8	109	77	92	2.659	7.791
9.0	09JUN88	20-30	2	83	82	83	0.285	0.748
9.0	14JUL88	0-10	64	121	47	83	10.951	29.040
9.0	14JUL88	10-20	20	109	68	93	2.563	7.596
9.0	14JUL88	20-30	1	75	75	75	0.096	0.229
9.0	18AUG88	0- 7	9	83	57	72	2.378	5.429
9.0	18AUG88	7-14	13	93	56	75	1.969	4.681
9.0	18AUG88	14-21	13	102	67	85	4.444	12.098
9.0	13OCT88	0- 7	32	110	66	84	2.547	6.807
9.0	13OCT88	7-14	49	104	55	80	7.793	19.857
9.0	13OCT88	14-21	12	97	63	76	0.964	2.334
9.0	17MAY90	0-10	6	82	60	72	0.059	0.136
9.0	17MAY90	10-20	6	82	48	68	0.059	0.128
9.0	17MAY90	20-30	2	104	84	94	0.021	0.063
9.0	22JUN90	0-10	19	91	56	73	0.530	1.230
9.0	22JUN90	10-20	43	85	44	71	0.520	1.178
9.0	18JUL90	0-10	37	100	39	68	2.643	5.758
9.0	18JUL90	10-20	14	85	46	67	1.103	2.352
9.0	18JUL90	20-30	5	100	63	77	0.035	0.087

Table 1h. Density, biomass and length data estimated from pump samples for *Keratella* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. $\cdot \text{L}^{-1}$	Biomass $\mu\text{g}\cdot\text{m}^{-3}$
9.0	22AUG90	0-10	25	81	49	65	2.907	5.982
9.0	22AUG90	10-20	76	82	37	63	8.736	17.438
9.0	22AUG90	20-30	36	88	48	65	0.196	0.406
9.0	21SEP90	0-10	12	91	46	71	4.000	9.046
9.0	21SEP90	10-20	63	82	46	62	4.078	8.020
9.0	21SEP90	20-30	48	88	40	66	1.503	3.147
9.0	24OCT90	0-10	20	96	41	66	0.097	0.203
9.0	24OCT90	10-20	49	74	46	62	1.056	2.081
9.0	24OCT90	20-30	39	87	39	62	1.130	2.222

Table 1i. Density, biomass and length data estimated from pump samples for *Kellicottia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
1.0	21JUL87	0- 7	1	150	150	150	6.500	31.056
1.0	21JUL87	7-14	1	150	150	150	3.846	18.376
1.0	21JUL87	14-21	2	150	50	149	12.833	61.050
1.0	19AUG87	0-10	1	150	150	150	7.429	35.492
1.0	19AUG87	10-20	1	150	150	150	18.625	88.987
1.0	19AUG87	20-30	1	150	150	150	17.000	81.223
1.0	10MAY88	0-10	14	157	81	114	5.072	18.477
1.0	10MAY88	10-20	8	125	81	102	1.263	4.108
1.0	10MAY88	20-30	13	155	82	116	2.116	7.818
1.0	07JUN88	0-10	16	115	68	91	5.614	16.217
1.0	07JUN88	10-20	9	146	64	96	0.997	3.056
1.0	07JUN88	20-30	3	102	88	94	0.390	1.164
1.0	12JUL88	0-10	17	140	55	96	5.597	17.073
1.0	12JUL88	10-20	13	125	87	106	2.183	7.393
1.0	12JUL88	20-30	6	149	108	126	0.506	2.028
1.0	16AUG88	0- 9	29	128	62	97	5.136	15.898
1.0	16AUG88	9-18	18	114	55	86	6.565	17.982
1.0	16AUG88	18-27	15	128	73	97	5.453	16.800
1.0	11OCT88	0- 7	30	175	63	110	5.924	20.744
1.0	11OCT88	7-14	14	140	85	110	1.783	6.217
1.0	11OCT88	14-21	23	121	75	100	2.931	9.328
1.0	17MAY90	0-10	38	112	48	85	3.455	9.359
1.0	17MAY90	10-20	27	139	69	90	0.641	1.835
1.0	17MAY90	20-30	8	118	84	101	0.081	0.260
1.0	20JUN90	0-10	63	135	70	94	0.485	1.444
1.0	20JUN90	10-20	5	111	56	88	0.046	0.129
1.0	20JUN90	20-30	1	84	84	84	0.008	0.021
1.0	20JUL90	0-10	33	116	64	91	4.783	13.909
1.0	20JUL90	10-20	52	131	57	94	0.664	1.982
1.0	20JUL90	20-30	26	122	65	96	0.181	0.553
1.0	24AUG90	0-10	13	114	53	84	6.566	17.519
1.0	24AUG90	10-20	38	145	63	101	9.500	30.586
1.0	24AUG90	20-30	45	140	60	98	1.996	6.260
1.0	20SEP90	0-10	2	85	69	77	0.855	2.096
1.0	20SEP90	10-20	21	118	42	83	6.542	17.276
1.0	20SEP90	20-30	10	105	55	83	1.048	2.778
1.0	26OCT90	0-10	3	116	65	86	0.362	0.989
1.0	26OCT90	10-20	3	96	82	91	0.238	0.690
1.0	26OCT90	20-30	4	100	77	88	0.244	0.686
3.0	11MAY88	0-10	8	110	73	94	1.361	4.057
3.0	11MAY88	10-20	7	130	76	98	1.000	3.112
3.0	11MAY88	20-30	8	115	73	96	0.851	2.602
3.0	08JUN88	0-10	11	143	84	101	2.742	8.813
3.0	08JUN88	10-20	5	115	107	111	1.668	5.909
3.0	13JUL88	0-10	17	146	81	109	5.566	19.357
3.0	13JUL88	10-20	25	129	73	108	7.982	27.428

Table 1i. Density, biomass and length data estimated from pump samples for *Kellicottia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
3.0	13JUL88	20-30	10	129	80	103	1.270	4.172
3.0	17AUG88	0- 9	39	145	65	94	10.473	31.442
3.0	17AUG88	9-18	19	148	70	92	6.998	20.449
3.0	17AUG88	18-27	16	111	77	97	5.668	17.556
3.0	12OCT88	0- 7	65	148	70	107	2.420	8.274
3.0	12OCT88	7-14	45	166	77	115	3.659	13.370
3.0	12OCT88	14-21	36	128	64	98	3.910	12.181
3.0	18MAY90	0-10	44	134	51	82	0.629	1.653
3.0	18MAY90	10-20	22	120	62	85	0.139	0.376
3.0	18MAY90	20-30	16	117	65	88	0.102	0.287
3.0	21JUN90	0-10	16	133	65	94	0.115	0.343
3.0	21JUN90	10-20	7	111	75	93	0.051	0.151
3.0	21JUN90	20-30	2	97	95	96	0.014	0.043
3.0	19JUL90	0-10	29	132	69	98	1.818	5.691
3.0	19JUL90	10-20	37	125	51	88	0.975	2.721
3.0	19JUL90	20-30	35	123	60	90	0.245	0.703
3.0	23AUG90	0-10	14	147	60	96	1.436	4.407
3.0	23AUG90	10-20	15	132	61	87	3.947	10.897
3.0	23AUG90	20-30	43	128	53	88	5.168	14.433
3.0	19SEP90	0-10	14	135	56	86	1.683	4.613
3.0	19SEP90	10-20	13	119	50	83	2.063	5.481
3.0	19SEP90	20-30	21	117	56	81	3.398	8.721
3.0	25OCT90	0-10	35	136	66	88	2.439	6.821
3.0	25OCT90	10-20	38	106	58	83	1.854	4.880
3.0	25OCT90	20-30	42	117	52	88	1.716	4.821
4.0	09JUN88	0-10	13	130	70	99	3.276	10.379
4.0	09JUN88	10-20	5	117	87	102	1.276	4.144
4.0	09JUN88	20-30	2	131	105	118	0.134	0.505
4.0	14JUL88	0-10	16	119	74	92	5.268	15.416
4.0	14JUL88	10-20	8	106	75	95	0.882	2.658
4.0	14JUL88	20-30	4	146	88	117	0.668	2.496
4.0	18AUG88	0- 7	57	155	57	99	9.948	31.513
4.0	18AUG88	7-14	43	154	73	102	9.095	29.427
4.0	18AUG88	14-21	33	152	80	106	8.630	29.195
4.0	13OCT88	0- 7	44	153	77	109	3.512	12.201
4.0	13OCT88	7-14	20	150	85	113	1.599	5.772
4.0	13OCT88	14-21	16	160	82	117	1.908	7.093
4.0	18MAY90	0-10	21	139	52	89	0.143	0.404
4.0	18MAY90	10-20	14	100	53	73	0.097	0.225
4.0	18MAY90	20-30	4	108	78	88	0.027	0.075
4.0	22JUN90	0-10	36	110	59	82	0.281	0.733
4.0	22JUN90	10-20	10	108	84	96	0.079	0.241
4.0	22JUN90	20-30	2	89	66	78	0.015	0.038
4.0	18JUL90	0-10	13	128	74	99	1.871	5.908
4.0	18JUL90	10-20	27	123	58	90	1.128	3.244
4.0	18JUL90	20-30	6	172	70	94	0.044	0.134

Table 11. Density, biomass and length data estimated from pump samples for *Kellicottia* sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
4.0	22AUG90	0-10	18	125	55	90	1.978	5.691
4.0	22AUG90	10-20	12	112	66	85	1.290	3.490
4.0	22AUG90	20-30	14	125	62	84	0.295	0.786
4.0	21SEP90	0-10	5	112	75	93	1.587	4.692
4.0	21SEP90	10-20	13	103	65	83	3.125	8.223
4.0	21SEP90	20-30	40	121	41	90	1.923	5.487
4.0	24OCT90	0-10	17	104	65	86	1.650	4.500
4.0	24OCT90	10-20	15	114	51	86	0.659	1.806
4.0	24OCT90	20-30	30	129	58	90	0.453	1.294
5.0	22JUL87	0- 8	2	150	50	148	5.600	26.437
5.0	22JUL87	8-16	1	150	150	150	7.100	33.923
5.0	22JUL87	16-24	2	150	50	148	9.333	44.062
5.0	18AUG87	0-10	1	150	150	150	3.000	14.333
5.0	18AUG87	10-20	1	150	150	150	16.500	78.834
5.0	18AUG87	20-30	2	150	50	148	17.222	81.223
5.0	17SEP87	0-10	58	144	57	97	2.320	7.174
5.0	17SEP87	10-20	48	135	64	90	0.960	2.739
5.0	17SEP87	20-30	78	156	43	96	3.120	9.563
5.0	11MAY88	0-10	5	107	76	88	1.736	4.866
5.0	11MAY88	10-20	6	108	73	97	0.360	1.109
5.0	11MAY88	20-30	9	129	78	105	0.433	1.445
5.0	08JUN88	0-10	16	120	52	89	2.646	7.464
5.0	08JUN88	10-20	2	125	98	112	0.353	1.255
5.0	08JUN88	20-30	1	125	125	125	0.216	0.860
5.0	13JUL88	0-10	31	139	73	104	6.074	20.201
5.0	13JUL88	10-20	14	130	80	105	2.786	9.324
5.0	13JUL88	20-30	14	121	81	100	1.204	3.824
5.0	17AUG88	0- 9	24	133	66	89	8.639	24.365
5.0	17AUG88	9-18	24	110	64	87	6.529	17.997
5.0	17AUG88	18-27	14	118	74	98	3.796	11.850
5.0	12OCT88	0- 7	14	144	65	101	1.125	3.617
5.0	12OCT88	7-14	21	139	77	106	0.888	2.997
5.0	12OCT88	14-21	14	135	88	105	1.128	3.771
5.0	18MAY90	0-10	15	121	67	98	0.921	2.866
5.0	18MAY90	10-20	12	125	70	90	1.529	4.366
5.0	18MAY90	20-30	4	136	110	120	0.025	0.097
5.0	21JUN90	0-10	40	128	55	96	0.310	0.945
5.0	21JUN90	10-20	6	128	77	104	0.048	0.157
5.0	21JUN90	20-30	4	127	83	102	0.031	0.102
5.0	19JUL90	0-10	15	128	73	91	5.137	14.901
5.0	19JUL90	10-20	51	136	54	95	1.115	3.384
5.0	19JUL90	20-30	11	129	67	92	0.078	0.229
5.0	23AUG90	0-10	16	143	63	99	4.494	14.163
5.0	23AUG90	10-20	19	135	83	99	10.215	32.280
5.0	23AUG90	20-30	82	161	69	102	5.391	17.541
5.0	19SEP90	0-10	53	127	61	85	5.504	14.940

Table 1i. Density, biomass and length data estimated from pump samples for *Kellicottia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
5.0	19SEP90	10-20	15	109	57	83	0.708	1.880
5.0	19SEP90	20-30	49	121	40	82	2.244	5.840
5.0	25OCT90	0-10	22	136	63	88	1.541	4.307
5.0	25OCT90	10-20	26	112	64	89	2.093	5.942
5.0	25OCT90	20-30	30	141	57	93	1.603	4.763
7.0	21JUL87	0- 5	2	150	50	141	6.364	28.667
7.0	21JUL87	5-10	2	150	50	148	4.435	20.912
7.0	21JUL87	10-17	1	150	150	150	13.889	66.359
7.0	21JUL87	17-24	3	250	50	149	19.750	93.566
7.0	19AUG87	0-10	2	150	50	149	3.071	14.561
7.0	19AUG87	10-20	2	150	50	149	5.227	24.830
7.0	19AUG87	20-30	2	150	50	149	19.286	91.689
7.0	16SEP87	0-10	87	145	59	92	2.900	8.509
7.0	16SEP87	10-20	45	140	59	92	0.900	2.627
7.0	16SEP87	20-30	46	140	63	99	0.920	2.897
7.0	21OCT87	0- 8	72	159	60	97	2.880	8.897
7.0	21OCT87	8-16	60	127	66	96	2.400	7.315
7.0	21OCT87	16-30	74	126	58	89	2.960	8.432
7.0	10MAY88	0- 5	12	111	61	95	3.125	9.415
7.0	10MAY88	5-10	4	121	84	106	1.087	3.653
7.0	10MAY88	10-20	5	120	89	101	0.772	2.472
7.0	10MAY88	20-30	4	147	88	112	0.851	3.023
7.0	07JUN88	0-10	14	137	66	98	6.979	21.785
7.0	07JUN88	10-20	3	117	74	92	0.176	0.516
7.0	07JUN88	20-30	4	127	92	111	0.295	1.042
7.0	12JUL88	0-10	31	146	77	105	9.112	30.541
7.0	12JUL88	10-20	11	124	81	103	1.976	6.493
7.0	12JUL88	20-30	6	121	78	96	0.545	1.669
7.0	16AUG88	0- 9	33	143	75	96	4.994	15.338
7.0	16AUG88	9-18	33	120	63	98	8.703	27.073
7.0	16AUG88	18-27	20	128	81	96	7.215	22.131
7.0	11OCT88	0- 7	24	136	75	101	1.086	3.508
7.0	11OCT88	7-14	26	133	68	102	2.774	9.010
7.0	11OCT88	14-21	25	165	83	113	2.016	7.285
7.0	17MAY90	0- 6	44	131	56	87	0.838	2.309
7.0	17MAY90	6-12	35	115	56	86	0.357	0.974
7.0	17MAY90	12-30	23	98	58	78	0.235	0.583
7.0	20JUN90	0-10	5	104	94	98	0.042	0.132
7.0	20JUN90	10-20	2	106	77	92	0.017	0.051
7.0	20JUN90	20-30	1	125	125	125	0.009	0.035
7.0	20JUL90	0-10	16	102	61	83	5.556	14.687
7.0	20JUL90	10-20	53	132	58	88	5.222	14.589
7.0	20JUL90	20-30	46	131	54	86	0.508	1.390
7.0	24AUG90	0-10	4	185	99	124	2.116	8.359
7.0	24AUG90	10-20	28	128	64	88	16.374	45.655
7.0	24AUG90	20-30	27	128	67	88	7.759	21.766

Table 1i. Density, biomass and length data estimated from pump samples for *Kellicottia* sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
7.0	20SEP90	0-10	3	84	58	70	0.943	2.103
7.0	20SEP90	10-20	18	117	57	92	0.713	2.084
7.0	20SEP90	20-30	10	108	55	85	0.096	0.261
7.0	26OCT90	0-10	14	143	39	82	1.133	2.953
7.0	26OCT90	10-20	18	121	51	82	0.962	2.520
7.0	26OCT90	20-30	15	117	66	93	1.190	3.534
8.0	22JUL87	0- 8	2	150	50	146	2.500	11.591
8.0	22JUL87	8-16	1	150	150	150	11.000	52.556
8.0	22JUL87	16-24	2	150	50	149	22.429	106.705
8.0	18AUG87	0-10	1	150	150	150	6.692	31.975
8.0	18AUG87	10-20	2	150	50	149	5.294	25.107
8.0	18AUG87	20-30	1	150	150	150	17.125	81.820
8.0	17SEP87	0-10	102	144	63	95	4.080	12.357
8.0	17SEP87	10-20	68	140	63	92	1.360	3.964
8.0	17SEP87	20-30	94	140	61	97	1.880	5.792
8.0	20OCT87	0- 8	82	143	56	95	6.560	19.947
8.0	20OCT87	8-16	66	151	57	102	2.640	8.549
8.0	20OCT87	16-30	78	137	60	96	3.120	9.528
8.0	12MAY88	0-10	13	113	72	89	0.909	2.573
8.0	12MAY88	10-20	6	121	86	98	0.561	1.744
8.0	12MAY88	20-30	8	113	79	93	0.606	1.793
8.0	16MAY90	0-10	9	99	53	80	0.085	0.217
8.0	16MAY90	10-20	6	117	74	87	0.059	0.162
8.0	16MAY90	20-30	8	114	59	83	0.075	0.200
8.0	19JUN90	0-10	19	137	71	93	0.171	0.505
8.0	19JUN90	10-20	2	119	88	104	0.031	0.103
8.0	19JUN90	20-30	1	70	70	70	0.010	0.023
8.0	17JUL90	0-10	3	109	97	102	1.079	3.517
8.0	17JUL90	10-20	27	132	77	97	0.196	0.604
8.0	17JUL90	20-30	11	126	65	96	0.191	0.585
8.0	21AUG90	0-10	11	124	85	110	2.107	7.408
8.0	21AUG90	10-20	17	132	46	96	9.770	29.747
8.0	21AUG90	20-30	54	147	51	97	0.935	2.898
8.0	18SEP90	0-10	5	92	70	79	0.943	2.386
8.0	18SEP90	10-20	17	109	70	89	3.238	9.149
8.0	18SEP90	20-30	19	108	63	87	3.619	10.077
8.0	23OCT90	0-10	10	112	67	91	0.641	1.867
8.0	23OCT90	10-20	24	117	61	88	2.152	6.045
8.0	23OCT90	20-30	19	126	50	87	1.217	3.369
8.1	16MAY90	0-10	36	124	52	86	0.936	2.557
8.1	16MAY90	10-20	23	147	61	93	0.221	0.656
8.1	16MAY90	20-25	6	132	68	98	0.094	0.291
8.1	19JUN90	0-10	22	117	60	92	0.967	2.821
8.1	19JUN90	10-20	2	96	81	89	0.020	0.055
8.1	17JUL90	0-10	20	128	70	94	2.033	6.105
8.1	17JUL90	10-20	8	116	81	95	0.059	0.179

Table 1i. Density, biomass and length data estimated from pump samples for *Kellicottia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
8.1	17JUL90	20-30	15	162	75	101	0.115	0.370
8.1	21AUG90	0-10	4	143	91	105	0.855	2.845
8.1	21AUG90	10-20	23	136	65	104	7.143	23.592
8.1	21AUG90	20-30	10	140	66	94	0.053	0.158
8.1	18SEP90	0-10	2	92	70	81	0.629	1.623
8.1	18SEP90	10-20	13	108	47	79	1.238	3.122
8.1	18SEP90	20-30	45	129	57	85	0.433	1.178
8.1	23OCT90	0-10	15	109	61	85	0.897	2.425
8.1	23OCT90	10-20	22	129	61	89	0.957	2.704
8.1	23OCT90	20-30	45	129	57	86	0.221	0.606
9.0	23JUL87	0- 7	1	150	150	150	16.500	78.834
9.0	23JUL87	7-14	2	150	50	147	12.444	58.396
9.0	23JUL87	14-21	1	150	150	150	8.889	42.470
9.0	20AUG87	0-10	2	150	50	146	9.444	44.062
9.0	20AUG87	10-20	1	150	150	150	10.583	50.565
9.0	20AUG87	20-30	2	150	50	147	13.091	61.388
9.0	15SEP87	0-10	74	125	48	84	8.222	21.893
9.0	15SEP87	10-20	83	129	59	90	6.384	18.265
9.0	15SEP87	20-30	76	125	53	87	3.304	9.165
9.0	22OCT87	0- 8	78	128	48	91	6.240	18.046
9.0	22OCT87	8-16	56	126	54	94	9.334	27.876
9.0	22OCT87	16-30	66	119	55	91	5.280	15.353
9.0	12MAY88	0-10	3	96	78	85	0.309	0.839
9.0	12MAY88	10-20	8	113	49	86	1.003	2.758
9.0	12MAY88	20-30	8	113	72	93	0.543	1.612
9.0	09JUN88	0-10	16	120	64	91	6.969	20.185
9.0	09JUN88	10-20	5	110	81	95	1.662	5.028
9.0	14JUL88	0-10	16	112	65	92	2.738	8.018
9.0	14JUL88	10-20	6	149	92	111	0.769	2.719
9.0	14JUL88	20-30	2	139	97	118	0.192	0.721
9.0	18AUG88	0- 7	51	380	55	97	13.478	41.625
9.0	18AUG88	7-14	14	130	65	95	2.121	6.398
9.0	18AUG88	14-21	15	144	88	114	5.128	18.545
9.0	13OCT88	0- 7	43	147	62	105	3.422	11.434
9.0	13OCT88	7-14	9	136	82	104	1.431	4.751
9.0	13OCT88	14-21	10	152	87	105	0.804	2.693
9.0	17MAY90	0-10	3	137	92	110	0.029	0.103
9.0	17MAY90	10-20	6	110	73	91	0.059	0.170
9.0	17MAY90	20-30	4	121	70	92	0.042	0.124
9.0	22JUN90	0-10	18	120	70	91	0.502	1.451
9.0	22JUN90	10-20	38	121	51	89	0.460	1.310
9.0	22JUN90	20-30	8	128	84	101	0.056	0.180
9.0	18JUL90	0-10	19	105	64	84	1.357	3.624
9.0	18JUL90	10-20	18	121	63	91	1.418	4.096
9.0	18JUL90	20-30	14	138	68	92	0.099	0.290
9.0	22AUG90	0-10	12	117	86	105	1.395	4.648

Table 1i. Density, biomass and length data estimated from pump samples for *Kellicottia* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. $\cdot \text{L}^{-1}$	Biomass $\mu\text{g}\cdot\text{m}^{-3}$
9.0	22AUG90	10-20	5	104	75	90	0.575	1.651
9.0	22AUG90	20-30	20	140	46	87	0.109	0.300
9.0	21SEP90	0-10	14	108	48	74	4.667	11.063
9.0	21SEP90	10-20	19	96	60	79	1.230	3.107
9.0	21SEP90	20-30	44	137	58	85	1.378	3.743
9.0	24OCT90	0-10	27	127	66	91	0.131	0.381
9.0	24OCT90	10-20	25	134	59	89	0.539	1.524
9.0	24OCT90	20-30	28	121	42	87	0.811	2.249

Table 1j. Density, biomass and length data estimated from pump samples for *Leptodora* Sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·m ⁻³	Biomass mg·m ⁻³
				Length μm	Length μm	Length μm		
1.0	20JUL90	10-20	2	940	779	860	13.793	0.016
1.0	24AUG90	0-10	1	3141	3141	3141	5.051	0.067
1.0	26OCT90	0-10	1	1700	1700	1700	0.667	0.003
3.0	19SEP90	0-10	1	1582	1582	1582	9.615	0.035
4.0	18JUL90	0-10	1	1247	1247	1247	7.194	0.017
4.0	22AUG90	0-10	1	2871	2871	2871	5.495	0.062
5.0	17SEP87	20-30	1	3051	3051	3051	20.000	0.253
5.0	17AUG88	9-18	1	3503	3503	3503	20.926	0.342
5.0	19JUL90	0-10	1	2767	2767	2767	6.849	0.072
5.0	23AUG90	0-10	3	3614	2515	3095	16.854	0.222
7.0	16SEP87	0-10	1	5679	5679	5679	20.000	0.809
7.0	20JUN90	0-10	1	2653	2653	2653	8.475	0.082
7.0	20JUL90	0-10	2	2485	1736	2111	13.889	0.090
7.0	24AUG90	0-10	1	1843	1843	1843	5.291	0.026
8.0	17JUL90	20-30	1	3800	3800	3800	7.299	0.139
8.0	21AUG90	0-10	1	3797	3797	3797	5.747	0.109
8.0	21AUG90	10-20	3	3541	968	1868	17.241	0.115
8.1	19JUN90	0-10	1	1753	1753	1753	10.989	0.049
8.1	21AUG90	0-10	1	2271	2271	2271	6.410	0.047
8.1	21AUG90	10-20	1	4963	4963	4963	6.211	0.195
9.0	22OCT87	0-8	1	6207	6207	6207	20.000	0.955
9.0	18AUG88	7-14	1	2427	2427	2427	10.605	0.087
9.0	13OCT88	7-14	1	6516	6516	6516	9.542	0.499
9.0	22JUN90	0-10	2	2131	1346	1739	14.493	0.066

Table 1k. Density, biomass and length data estimated from pump samples for nauplii.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	21JUL87	0- 7	25	270	108	170	2.500	0.373
1.0	21JUL87	7-14	86	388	122	181	6.622	1.092
1.0	21JUL87	14-21	47	314	108	172	3.901	0.595
1.0	19AUG87	0-10	27	285	108	164	1.917	0.269
1.0	19AUG87	10-20	43	255	100	156	5.375	0.685
1.0	19AUG87	20-30	53	248	115	154	5.300	0.658
1.0	10MAY88	0-10	69	286	117	186	25.000	4.270
1.0	10MAY88	10-20	64	297	102	190	10.103	1.796
1.0	10MAY88	20-30	77	301	115	182	12.533	2.091
1.0	07JUN88	0-10	47	319	107	190	16.491	2.984
1.0	07JUN88	10-20	62	298	99	169	6.868	1.020
1.0	07JUN88	20-30	92	310	105	183	11.967	1.994
1.0	12JUL88	0-10	9	228	101	146	2.963	0.346
1.0	12JUL88	10-20	62	224	91	154	10.412	1.297
1.0	12JUL88	20-30	84	277	105	182	7.083	1.155
1.0	16AUG88	0- 9	10	213	89	118	1.771	0.147
1.0	16AUG88	9-18	12	175	99	131	4.376	0.416
1.0	16AUG88	18-27	52	265	100	150	18.902	2.272
1.0	11OCT88	0- 7	4	188	119	141	0.790	0.086
1.0	11OCT88	7-14	1	139	139	139	0.127	0.013
1.0	11OCT88	14-21	72	232	90	134	9.175	0.911
1.0	17MAY90	0-10	42	281	111	195	14.000	2.635
1.0	17MAY90	10-20	58	288	115	195	19.728	3.673
1.0	17MAY90	20-30	44	274	103	187	7.407	1.303
1.0	20JUN90	0-10	67	288	102	181	12.885	2.127
1.0	20JUN90	10-20	55	251	103	164	2.102	0.295
1.0	20JUN90	20-30	40	238	98	147	0.907	0.105
1.0	20JUL90	0-10	41	287	90	133	5.942	0.602
1.0	20JUL90	10-20	45	250	106	148	15.517	1.816
1.0	20JUL90	20-30	40	265	90	156	4.630	0.597
1.0	24AUG90	0-10	65	234	93	142	1.563	0.171
1.0	24AUG90	10-20	40	226	116	163	10.000	1.364
1.0	24AUG90	20-30	43	238	104	155	10.488	1.324
1.0	20SEP90	0-10	40	233	81	129	2.630	0.250
1.0	20SEP90	10-20	50	245	103	152	7.788	0.961
1.0	20SEP90	20-30	41	218	109	161	12.893	1.730
1.0	26OCT90	0-10	40	315	102	179	1.610	0.262
1.0	26OCT90	10-20	51	252	91	158	1.349	0.178
1.0	26OCT90	20-30	42	268	83	170	0.976	0.145
3.0	11MAY88	0-10	27	289	122	193	4.592	0.838
3.0	11MAY88	10-20	63	278	108	179	9.000	1.442
3.0	11MAY88	20-30	74	289	100	194	7.872	1.454
3.0	08JUN88	0-10	41	296	112	191	10.219	1.847
3.0	08JUN88	10-20	114	297	88	181	38.038	6.274
3.0	08JUN88	20-30	98	297	121	185	10.856	1.849
3.0	13JUL88	0-10	10	176	102	130	3.274	0.308

Table 1k. Density, biomass and length data estimated from pump samples for nauplii.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
3.0	13JUL88	10-20	44	203	102	146	14.049	1.607
3.0	13JUL88	20-30	77	240	92	165	9.782	1.366
3.0	17AUG88	0- 9	3	181	75	118	0.806	0.069
3.0	17AUG88	9-18	17	202	77	132	6.262	0.611
3.0	17AUG88	18-27	44	209	95	142	15.586	1.702
3.0	12OCT88	0- 7	3	121	84	108	0.112	0.008
3.0	12OCT88	7-14	6	164	115	133	0.488	0.048
3.0	12OCT88	14-21	76	182	97	129	8.255	0.769
3.0	18MAY90	0-10	55	301	114	190	8.648	1.536
3.0	18MAY90	10-20	42	309	112	199	13.291	2.573
3.0	18MAY90	20-30	46	285	118	201	9.766	1.909
3.0	21JUN90	0-10	44	358	104	185	3.517	0.606
3.0	21JUN90	10-20	52	284	128	175	12.560	1.939
3.0	21JUN90	20-30	40	222	124	168	0.567	0.081
3.0	19JUL90	0-10	40	354	88	158	3.941	0.546
3.0	19JUL90	10-20	88	226	90	146	15.068	1.727
3.0	19JUL90	20-30	41	216	94	160	4.779	0.635
3.0	23AUG90	0-10	20	336	101	161	0.103	0.014
3.0	23AUG90	10-20	48	234	72	136	2.807	0.289
3.0	23AUG90	20-30	45	228	92	148	10.817	1.266
3.0	19SEP90	0-10	43	293	88	150	0.413	0.050
3.0	19SEP90	10-20	40	292	83	138	3.175	0.339
3.0	19SEP90	20-30	76	212	73	158	12.298	1.595
3.0	25OCT90	0-10	54	240	110	165	5.268	0.738
3.0	25OCT90	10-20	40	207	104	149	1.951	0.230
3.0	25OCT90	20-30	72	272	96	159	5.882	0.775
4.0	25JUN87	0- 5	52	624	108	188	8.008	1.466
4.0	25JUN87	5-10	74	262	93	159	18.500	2.473
4.0	25JUN87	10-15	69	255	100	158	10.626	1.410
4.0	25JUN87	15-20	85	307	100	165	10.625	1.485
4.0	25JUN87	20-25	71	262	115	182	8.875	1.462
4.0	25JUN87	25-30	103	262	108	189	7.313	1.277
4.0	09JUN88	0-10	72	294	92	180	18.145	2.992
4.0	09JUN88	10-20	111	284	106	173	28.316	4.330
4.0	09JUN88	20-30	88	281	109	186	5.914	1.020
4.0	14JUL88	0-10	7	276	94	153	2.305	0.308
4.0	14JUL88	10-20	61	253	100	172	6.724	1.004
4.0	14JUL88	20-30	102	277	122	176	17.043	2.625
4.0	18AUG88	0- 7	20	222	88	118	3.490	0.286
4.0	18AUG88	7-14	33	137	91	107	6.980	0.476
4.0	18AUG88	14-21	35	272	95	146	9.153	1.061
4.0	13OCT88	0- 7	2	209	173	191	0.160	0.028
4.0	13OCT88	7-14	4	209	119	146	0.320	0.037
4.0	13OCT88	14-21	62	202	105	138	7.395	0.763
4.0	18MAY90	0-10	47	277	124	196	7.993	1.473
4.0	18MAY90	10-20	41	275	99	191	14.138	2.542

Table 1k. Density, biomass and length data estimated from pump samples for nauplii.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
4.0	18MAY90	20-30	51	296	103	191	17.114	3.072
4.0	22JUN90	0-10	50	288	110	177	19.841	3.172
4.0	22JUN90	10-20	40	261	104	178	10.499	1.678
4.0	22JUN90	20-30	40	261	119	170	3.065	0.450
4.0	18JUL90	0-10	43	257	76	140	0.884	0.098
4.0	18JUL90	10-20	76	268	74	142	14.286	1.561
4.0	18JUL90	20-30	60	241	109	163	8.889	1.221
4.0	22AUG90	0-10	41	308	80	149	0.433	0.053
4.0	22AUG90	10-20	40	184	91	147	4.301	0.495
4.0	22AUG90	20-30	117	201	83	144	12.316	1.380
4.0	21SEP90	0-10	76	345	82	192	0.724	0.133
4.0	21SEP90	10-20	43	293	96	155	5.907	0.753
4.0	21SEP90	20-30	88	220	95	154	16.923	2.114
4.0	24OCT90	0-10	40	247	93	168	3.883	0.563
4.0	24OCT90	10-20	40	218	89	152	1.757	0.215
4.0	24OCT90	20-30	40	289	114	162	1.137	0.156
5.0	22JUL87	0- 8	30	292	115	191	3.000	0.543
5.0	22JUL87	8-16	65	307	122	180	6.500	1.057
5.0	22JUL87	16-24	70	277	122	168	5.810	0.835
5.0	18AUG87	0-10	49	262	100	153	2.107	0.264
5.0	18AUG87	10-20	34	240	122	155	3.400	0.426
5.0	18AUG87	20-30	79	270	108	152	8.769	1.072
5.0	17SEP87	0-10	52	243	81	147	1.040	0.122
5.0	17SEP87	10-20	44	270	72	142	1.760	0.195
5.0	17SEP87	20-30	163	219	84	134	13.040	1.293
5.0	11MAY88	0-10	27	291	119	190	9.375	1.666
5.0	11MAY88	10-20	70	297	90	177	4.202	0.669
5.0	11MAY88	20-30	78	280	88	182	3.752	0.628
5.0	08JUN88	0-10	52	370	118	200	8.600	1.690
5.0	08JUN88	10-20	83	320	100	180	14.664	2.391
5.0	08JUN88	20-30	92	282	112	183	19.862	3.333
5.0	13JUL88	0-10	22	239	83	141	4.310	0.477
5.0	13JUL88	10-20	33	211	102	148	6.567	0.765
5.0	13JUL88	20-30	72	244	102	162	6.192	0.838
5.0	17AUG88	0- 9	1	230	230	230	0.360	0.085
5.0	17AUG88	9-18	8	220	93	120	2.176	0.188
5.0	17AUG88	18-27	11	246	92	140	2.983	0.326
5.0	12OCT88	0- 7	5	287	112	154	0.402	0.054
5.0	12OCT88	7-14	8	311	110	148	0.338	0.042
5.0	12OCT88	14-21	67	172	94	127	5.400	0.490
5.0	18MAY90	0-10	41	289	104	183	9.234	1.558
5.0	18MAY90	10-20	41	305	96	183	13.057	2.186
5.0	18MAY90	20-30	43	284	118	197	5.478	1.044
5.0	21JUN90	0-10	47	341	108	167	2.277	0.330
5.0	21JUN90	10-20	40	243	80	163	2.116	0.289
5.0	21JUN90	20-30	40	268	81	176	0.947	0.149

Table 1k. Density, biomass and length data estimated from pump samples for nauplii.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	19JUL90	0-10	47	316	91	159	1.894	0.263
5.0	19JUL90	10-20	40	224	106	165	5.594	0.783
5.0	19JUL90	20-30	41	222	112	161	1.530	0.206
5.0	23AUG90	0-10	32	340	114	199	0.180	0.035
5.0	23AUG90	10-20	134	275	97	183	0.720	0.120
5.0	23AUG90	20-30	46	224	93	148	3.024	0.355
5.0	19SEP90	0-10	80	373	83	164	0.748	0.109
5.0	19SEP90	10-20	40	202	82	128	1.078	0.101
5.0	19SEP90	20-30	40	227	102	148	6.410	0.752
5.0	25OCT90	0-10	40	257	102	162	1.401	0.191
5.0	25OCT90	10-20	40	287	87	152	0.805	0.100
5.0	25OCT90	20-30	50	222	115	153	4.006	0.492
7.0	23JUN87	0- 5	49	285	108	183	5.782	0.971
7.0	23JUN87	5-10	92	292	100	181	11.500	1.904
7.0	23JUN87	10-15	65	299	100	161	5.395	0.744
7.0	23JUN87	15-20	68	270	108	180	5.440	0.885
7.0	23JUN87	20-25	72	285	115	186	4.536	0.779
7.0	21JUL87	0- 5	24	307	130	192	2.184	0.393
7.0	21JUL87	5-10	51	270	100	159	4.437	0.591
7.0	21JUL87	10-17	48	307	115	178	5.328	0.848
7.0	21JUL87	17-24	55	270	122	173	6.875	1.044
7.0	19AUG87	0-10	50	262	115	154	1.800	0.226
7.0	19AUG87	10-20	83	270	108	165	3.735	0.526
7.0	19AUG87	20-30	57	226	115	153	8.151	0.997
7.0	16SEP87	0-10	88	216	82	143	2.933	0.326
7.0	16SEP87	10-20	51	216	90	142	1.925	0.211
7.0	16SEP87	20-30	70	204	79	132	5.600	0.543
7.0	21OCT87	0- 8	54	288	108	156	2.160	0.282
7.0	21OCT87	8-16	43	234	92	139	1.720	0.186
7.0	21OCT87	16-30	65	232	99	137	5.200	0.544
7.0	10MAY88	0- 5	61	293	122	199	15.885	3.054
7.0	10MAY88	5-10	60	319	95	191	16.304	2.950
7.0	10MAY88	10-20	69	330	119	215	10.648	2.322
7.0	10MAY88	20-30	69	343	102	197	14.681	2.802
7.0	07JUN88	0-10	46	297	119	186	22.931	3.930
7.0	07JUN88	10-20	86	286	109	178	5.044	0.812
7.0	07JUN88	20-30	75	281	92	179	5.528	0.897
7.0	12JUL88	0-10	22	259	94	150	6.467	0.782
7.0	12JUL88	10-20	65	277	115	166	11.675	1.653
7.0	12JUL88	20-30	82	245	105	174	7.448	1.128
7.0	16AUG88	0- 9	2	107	102	105	0.303	0.020
7.0	16AUG88	9-18	13	184	94	116	3.428	0.271
7.0	16AUG88	18-27	19	193	129	155	6.854	0.852
7.0	11OCT88	0- 7	4	228	104	170	0.181	0.027
7.0	11OCT88	7-14	1	135	135	135	0.107	0.011
7.0	11OCT88	14-21	50	167	96	127	4.032	0.364

Table 1k. Density, biomass and length data estimated from pump samples for nauplii.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	17MAY90	0- 6	44	289	114	181	21.782	3.622
7.0	17MAY90	6-12	68	286	96	200	23.129	4.499
7.0	17MAY90	12-30	42	290	94	178	10.714	1.738
7.0	20JUN90	0-10	48	344	107	183	5.811	0.985
7.0	20JUN90	10-20	41	235	92	147	1.486	0.174
7.0	20JUN90	20-30	42	236	94	152	1.282	0.160
7.0	20JUL90	0-10	40	331	78	144	2.525	0.294
7.0	20JUL90	10-20	70	239	92	136	24.138	2.474
7.0	20JUL90	20-30	68	236	96	151	23.288	2.811
7.0	24AUG90	0-10	38	293	74	130	0.201	0.020
7.0	24AUG90	10-20	40	223	84	141	11.696	1.273
7.0	24AUG90	20-30	45	194	113	151	25.862	3.095
7.0	20SEP90	0-10	41	378	88	149	1.934	0.244
7.0	20SEP90	10-20	40	255	97	154	4.400	0.555
7.0	20SEP90	20-30	40	197	73	153	1.831	0.226
7.0	26OCT90	0-10	40	300	92	175	2.157	0.339
7.0	26OCT90	10-20	40	318	108	170	1.479	0.221
7.0	26OCT90	20-30	41	225	78	158	1.220	0.159
8.0	24JUN87	0- 5	96	270	100	160	10.080	1.369
8.0	24JUN87	5-10	84	307	100	175	12.012	1.873
8.0	24JUN87	10-15	79	262	100	158	9.875	1.295
8.0	24JUN87	15-20	82	292	85	164	10.906	1.536
8.0	24JUN87	20-25	80	321	115	191	8.400	1.501
8.0	22JUL87	0- 8	35	299	137	188	1.960	0.343
8.0	22JUL87	8-16	66	240	108	163	8.250	1.129
8.0	22JUL87	16-24	58	226	108	153	8.294	1.024
8.0	18AUG87	0-10	23	270	108	146	1.771	0.204
8.0	18AUG87	10-20	63	307	108	158	3.717	0.496
8.0	18AUG87	20-30	71	262	115	153	8.875	1.098
8.0	17SEP87	0-10	45	265	88	159	1.800	0.239
8.0	17SEP87	10-20	77	200	80	129	3.080	0.288
8.0	17SEP87	20-30	59	212	96	134	4.720	0.470
8.0	20OCT87	0- 8	48	272	100	155	3.840	0.488
8.0	20OCT87	8-16	48	310	95	164	0.960	0.136
8.0	20OCT87	16-30	83	248	92	145	6.640	0.752
8.0	12MAY88	0-10	75	286	91	184	5.245	0.888
8.0	12MAY88	10-20	71	257	92	175	6.636	1.026
8.0	12MAY88	20-30	84	279	107	185	6.364	1.093
8.0	16MAY90	0-10	40	285	110	197	7.547	1.427
8.0	16MAY90	10-20	52	304	74	196	8.374	1.579
8.0	16MAY90	20-30	42	294	121	197	6.604	1.246
8.0	19JUN90	0-10	46	317	112	175	9.685	1.510
8.0	19JUN90	10-20	41	257	82	159	5.339	0.712
8.0	19JUN90	20-30	40	218	89	153	1.736	0.215
8.0	17JUL90	0-10	40	289	106	159	4.796	0.653
8.0	17JUL90	10-20	40	232	95	173	5.797	0.879

Table 1k. Density, biomass and length data estimated from pump samples for nauplii.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
8.0	17JUL90	20-30	41	214	96	154	14.964	1.876
8.0	21AUG90	0-10	18	257	75	173	0.103	0.016
8.0	21AUG90	10-20	43	232	95	147	12.356	1.442
8.0	21AUG90	20-30	42	209	98	144	25.455	2.862
8.0	18SEP90	0-10	52	320	112	180	0.491	0.081
8.0	18SEP90	10-20	40	196	91	151	7.619	0.915
8.0	18SEP90	20-30	40	202	102	146	7.619	0.873
8.0	23OCT90	0-10	108	286	104	165	0.914	0.128
8.0	23OCT90	10-20	40	264	105	171	3.587	0.533
8.0	23OCT90	20-30	41	348	100	162	1.839	0.254
8.1	16MAY90	0-10	43	297	100	174	20.673	3.222
8.1	16MAY90	10-20	55	278	93	159	13.221	1.779
8.1	16MAY90	20-25	46	281	91	167	4.492	0.666
8.1	19JUN90	0-10	41	269	100	182	9.011	1.500
8.1	19JUN90	10-20	49	262	96	163	6.005	0.832
8.1	19JUN90	20-30	42	251	96	163	1.289	0.177
8.1	17JUL90	0-10	46	247	85	135	3.117	0.319
8.1	17JUL90	10-20	44	225	117	165	8.148	1.138
8.1	17JUL90	20-30	41	282	100	176	2.867	0.456
8.1	21AUG90	0-10	24	372	92	196	0.154	0.031
8.1	21AUG90	10-20	62	205	89	150	19.255	2.298
8.1	21AUG90	20-30	60	209	75	150	15.873	1.894
8.1	18SEP90	0-10	89	364	95	186	0.840	0.145
8.1	18SEP90	10-20	40	224	98	153	3.810	0.471
8.1	18SEP90	20-30	40	239	104	160	2.959	0.395
8.1	23OCT90	0-10	50	340	100	167	1.329	0.192
8.1	23OCT90	10-20	40	251	104	157	3.828	0.494
8.1	23OCT90	20-30	40	291	95	161	2.451	0.334
9.0	23JUL87	0-7	28	299	144	187	4.676	0.804
9.0	23JUL87	7-14	69	299	108	170	7.659	1.141
9.0	23JUL87	14-21	63	292	108	165	6.993	0.990
9.0	20AUG87	0-10	19	226	100	143	2.109	0.233
9.0	20AUG87	10-20	68	277	108	153	5.644	0.705
9.0	20AUG87	20-30	90	248	115	153	8.190	1.005
9.0	15SEP87	0-10	46	205	104	154	2.747	0.342
9.0	15SEP87	10-20	42	208	81	132	3.231	0.312
9.0	15SEP87	20-30	40	205	99	131	8.000	0.763
9.0	22OCT87	0-8	40	265	72	151	3.200	0.396
9.0	22OCT87	8-16	41	238	93	172	1.640	0.248
9.0	22OCT87	16-30	74	233	81	136	5.920	0.613
9.0	12MAY88	0-10	86	261	94	167	8.848	1.275
9.0	12MAY88	10-20	73	274	117	186	9.148	1.564
9.0	12MAY88	20-30	103	273	104	180	6.997	1.134
9.0	09JUN88	0-10	42	280	123	202	18.293	3.604
9.0	09JUN88	10-20	75	304	99	177	24.925	3.991
9.0	09JUN88	20-30	110	314	93	172	15.656	2.398

Table 1k. Density, biomass and length data estimated from pump samples for nauplii.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·L ⁻¹	Biomass mg·m ⁻³
				Length μm	Length μm	Length μm		
9.0	14JUL88	0-10	10	139	89	115	1.711	0.132
9.0	14JUL88	10-20	63	249	108	159	8.074	1.062
9.0	14JUL88	20-30	93	252	101	176	8.925	1.385
9.0	18AUG88	0- 7	12	142	96	110	3.171	0.226
9.0	18AUG88	7-14	57	128	75	106	8.635	0.577
9.0	18AUG88	14-21	77	229	91	137	26.325	2.713
9.0	13OCT88	7-14	16	159	100	125	2.545	0.225
9.0	13OCT88	14-21	73	203	87	137	5.866	0.605
9.0	17MAY90	0-10	42	259	96	172	5.882	0.894
9.0	17MAY90	10-20	46	315	105	192	4.510	0.824
9.0	17MAY90	20-30	40	297	104	168	4.678	0.688
9.0	22JUN90	0-10	41	286	88	179	9.903	1.618
9.0	22JUN90	10-20	50	271	112	177	17.241	2.721
9.0	22JUN90	20-30	41	269	104	188	7.168	1.248
9.0	18JUL90	0-10	64	303	81	151	0.457	0.057
9.0	18JUL90	10-20	69	326	96	158	9.787	1.313
9.0	18JUL90	20-30	42	257	112	169	7.447	1.090
9.0	22AUG90	0-10	26	352	99	171	0.221	0.034
9.0	22AUG90	10-20	40	276	102	154	4.598	0.576
9.0	22AUG90	20-30	84	216	96	145	9.130	1.040
9.0	21SEP90	0-10	40	310	75	139	0.871	0.095
9.0	21SEP90	10-20	40	210	87	145	3.883	0.442
9.0	21SEP90	20-30	88	259	95	154	14.239	1.777
9.0	24OCT90	0-10	40	264	100	162	1.942	0.265
9.0	24OCT90	10-20	40	240	82	147	2.708	0.317
9.0	24OCT90	20-30	40	234	100	158	3.941	0.518

Table 11. Density, biomass and length data estimated from pump samples for *Ploesoma* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
1.0	24AUG90	0-10	2	110	98	104	1.010	3.346
1.0	24AUG90	20-30	1	119	119	119	0.044	0.168
1.0	20SEP90	0-10	8	126	91	106	3.419	11.570
1.0	26OCT90	0-10	1	82	82	82	0.121	0.315
3.0	19JUL90	0-10	1	128	128	128	0.063	0.256
3.0	23AUG90	0-10	12	117	72	93	1.231	3.643
3.0	23AUG90	10-20	4	121	92	103	1.053	3.462
3.0	19SEP90	0-10	5	130	92	117	0.601	2.247
3.0	19SEP90	10-20	2	88	81	85	0.317	0.854
4.0	22AUG90	0-10	31	129	64	94	3.407	10.186
4.0	22AUG90	10-20	13	132	88	111	1.398	4.942
4.0	21SEP90	0-10	9	118	82	101	2.857	9.202
4.0	21SEP90	20-30	1	109	109	109	0.048	0.167
5.0	17SEP87	0-10	2	112	96	104	0.080	0.265
5.0	19JUL90	0-10	24	194	70	108	8.219	28.198
5.0	19JUL90	10-20	2	177	90	134	0.044	0.186
5.0	19JUL90	20-30	1	113	113	113	0.007	0.026
5.0	23AUG90	0-10	24	151	81	107	6.742	22.985
5.0	23AUG90	10-20	30	144	73	111	16.129	57.008
5.0	23AUG90	20-30	1	94	94	94	0.066	0.197
5.0	19SEP90	0-10	1	107	107	107	0.104	0.354
5.0	25OCT90	0-10	1	101	101	101	0.070	0.225
7.0	11OCT88	0- 7	3	132	118	125	0.136	0.542
7.0	20JUL90	20-30	2	100	91	95	0.022	0.067
7.0	24AUG90	0-10	8	150	100	118	4.233	15.909
7.0	20SEP90	0-10	7	129	77	110	2.201	7.683
8.0	20OCT87	0- 8	1	120	120	120	0.080	0.306
8.0	21AUG90	0-10	20	141	55	98	3.831	11.929
8.0	21AUG90	10-20	1	106	106	106	0.575	1.940
8.0	18SEP90	0-10	7	127	68	89	1.321	3.762
8.0	18SEP90	10-20	1	105	105	105	0.190	0.637
8.0	18SEP90	20-30	1	92	92	92	0.190	0.558
8.0	23OCT90	0-10	2	125	111	118	0.128	0.482
8.1	21AUG90	0-10	19	125	59	99	4.060	12.795
8.1	18SEP90	0-10	9	117	73	91	2.830	8.203
9.0	22AUG90	0-10	30	138	77	111	3.488	12.282
9.0	22AUG90	10-20	7	117	83	99	0.805	2.530
9.0	22AUG90	20-30	2	122	92	107	0.011	0.037
9.0	21SEP90	0-10	18	132	73	105	6.000	20.035
9.0	21SEP90	10-20	6	115	81	97	0.388	1.202

Table 1m. Density, biomass and length data estimated from pump samples for *Polyarthra* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
1.0	21JUL87	0- 7	1	150	150	150	3.700	17.678
1.0	21JUL87	7-14	1	150	150	150	0.923	4.410
1.0	21JUL87	14-21	2	150	50	133	1.000	4.247
1.0	19AUG87	0-10	2	150	50	139	1.286	5.688
1.0	19AUG87	10-20	2	150	50	142	1.500	6.769
1.0	19AUG87	20-30	1	150	150	150	0.600	2.867
1.0	10MAY88	0-10	5	94	89	91	1.812	5.239
1.0	10MAY88	10-20	2	93	89	91	0.316	0.915
1.0	07JUN88	0-10	7	128	75	106	2.456	8.259
1.0	07JUN88	10-20	2	110	88	99	0.222	0.699
1.0	12JUL88	0-10	26	129	65	94	8.561	25.568
1.0	12JUL88	10-20	2	105	104	104	0.336	1.118
1.0	16AUG88	0- 9	3	92	74	83	0.531	1.399
1.0	16AUG88	9-18	24	122	68	93	8.753	25.812
1.0	11OCT88	0- 7	17	119	67	90	3.357	9.636
1.0	11OCT88	7-14	17	109	81	96	2.165	6.635
1.0	11OCT88	14-21	1	111	111	111	0.127	0.451
1.0	17MAY90	0-10	20	114	72	90	1.818	5.201
1.0	17MAY90	10-20	6	128	84	102	0.142	0.460
1.0	20JUN90	0-10	2	110	104	107	0.015	0.052
1.0	20JUL90	0-10	5	106	77	96	0.725	2.225
1.0	20JUL90	10-20	1	96	96	96	0.013	0.039
1.0	24AUG90	0-10	6	104	64	81	3.030	7.818
1.0	24AUG90	10-20	3	97	87	93	0.750	2.222
1.0	24AUG90	20-30	3	88	58	77	0.133	0.326
1.0	20SEP90	10-20	1	92	92	92	0.312	0.913
1.0	20SEP90	20-30	1	66	66	66	0.105	0.220
1.0	26OCT90	0-10	66	125	48	86	7.971	21.743
1.0	26OCT90	10-20	74	137	51	85	5.873	15.967
1.0	26OCT90	20-30	81	125	44	90	4.939	14.106
3.0	11MAY88	0-10	20	108	65	84	3.401	9.101
3.0	11MAY88	10-20	3	111	82	93	0.429	1.265
3.0	11MAY88	20-30	5	113	82	97	0.532	1.643
3.0	13JUL88	0-10	5	120	95	106	1.637	5.549
3.0	13JUL88	10-20	11	112	80	93	3.512	10.424
3.0	17AUG88	0- 9	1	92	92	92	0.269	0.787
3.0	17AUG88	9-18	13	105	73	88	4.788	13.468
3.0	17AUG88	18-27	2	88	85	87	0.708	1.952
3.0	12OCT88	0- 7	3	111	91	103	0.112	0.365
3.0	12OCT88	7-14	3	105	92	99	0.244	0.769
3.0	12OCT88	14-21	2	109	104	107	0.217	0.737
3.0	18MAY90	0-10	17	104	65	87	0.243	0.673
3.0	18MAY90	20-30	1	73	73	73	0.006	0.015
3.0	21JUN90	0-10	4	115	80	94	0.029	0.086
3.0	21JUN90	10-20	1	92	92	92	0.007	0.021
3.0	19JUL90	0-10	5	111	64	84	0.313	0.839

Table 1m. Density, biomass and length data estimated from pump samples for *Polyarthra* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
3.0	19JUL90	10-20	3	94	88	91	0.079	0.229
3.0	23AUG90	0-10	35	119	56	80	3.590	9.167
3.0	23AUG90	10-20	11	105	64	81	2.895	7.494
3.0	23AUG90	20-30	2	84	82	83	0.240	0.636
3.0	19SEP90	0-10	21	102	46	74	2.527	5.982
3.0	19SEP90	10-20	1	108	108	108	0.159	0.546
3.0	25OCT90	0-10	17	115	54	76	1.185	2.866
3.0	25OCT90	10-20	32	116	53	79	1.561	3.922
3.0	25OCT90	20-30	20	107	51	77	0.817	2.005
4.0	09JUN88	0-10	2	120	93	107	0.504	1.710
4.0	09JUN88	20-30	2	113	95	104	0.134	0.445
4.0	14JUL88	0-10	5	140	95	112	1.646	5.883
4.0	14JUL88	10-20	1	75	75	75	0.110	0.263
4.0	18AUG88	0-7	4	100	75	94	0.698	2.079
4.0	18AUG88	7-14	3	103	95	99	0.635	2.008
4.0	18AUG88	14-21	6	113	64	95	1.569	4.731
4.0	13OCT88	0-7	8	97	64	84	0.639	1.698
4.0	13OCT88	7-14	13	114	84	96	1.040	3.187
4.0	13OCT88	14-21	6	103	81	93	0.716	2.116
4.0	18MAY90	0-10	3	100	64	85	0.020	0.055
4.0	18MAY90	10-20	5	91	73	83	0.034	0.091
4.0	22JUN90	0-10	6	133	57	88	0.047	0.131
4.0	22JUN90	10-20	2	85	73	79	0.016	0.040
4.0	18JUL90	0-10	1	94	94	94	0.144	0.431
4.0	18JUL90	10-20	1	63	63	63	0.042	0.084
4.0	22AUG90	0-10	25	117	70	86	2.747	7.547
4.0	22AUG90	10-20	5	69	53	62	0.538	1.058
4.0	21SEP90	0-10	1	55	55	55	0.317	0.556
4.0	21SEP90	10-20	3	92	68	78	0.721	1.784
4.0	21SEP90	20-30	1	84	84	84	0.048	0.129
4.0	24OCT90	0-10	33	122	44	78	3.204	8.000
4.0	24OCT90	10-20	21	131	48	81	0.922	2.388
4.0	24OCT90	20-30	12	88	38	68	0.181	0.389
5.0	22JUL87	0-8	2	150	50	147	3.600	16.882
5.0	22JUL87	8-16	2	150	50	147	3.000	14.015
5.0	22JUL87	16-24	1	150	150	150	0.833	3.982
5.0	18AUG87	0-10	2	150	50	137	0.696	3.047
5.0	18AUG87	10-20	2	150	50	141	1.100	4.937
5.0	18AUG87	20-30	2	150	50	79	0.778	1.947
5.0	17SEP87	0-10	28	107	53	82	1.120	2.910
5.0	17SEP87	10-20	17	140	63	95	0.340	1.028
5.0	17SEP87	20-30	7	100	80	88	0.280	0.789
5.0	11MAY88	0-10	4	97	79	92	1.389	4.081
5.0	11MAY88	20-30	1	78	78	78	0.048	0.120
5.0	08JUN88	0-10	2	56	52	54	0.331	0.569
5.0	13JUL88	0-10	3	104	77	87	0.588	1.635

Table 1m. Density, biomass and length data estimated from pump samples for *Polyarthra* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass μg·m ⁻³
5.0	13JUL88	10-20	9	108	78	93	1.791	5.331
5.0	13JUL88	20-30	1	99	99	99	0.086	0.271
5.0	17AUG88	0- 9	24	104	62	83	8.639	22.897
5.0	17AUG88	9-18	5	103	70	84	1.360	3.657
5.0	17AUG88	18-27	7	111	70	90	1.898	5.432
5.0	12OCT88	0- 7	22	103	48	71	1.768	3.973
5.0	12OCT88	7-14	10	114	57	86	0.423	1.160
5.0	18MAY90	0-10	20	123	57	93	1.229	3.620
5.0	21JUN90	0-10	9	130	84	98	0.070	0.219
5.0	19JUL90	0-10	55	114	48	86	18.836	51.443
5.0	19JUL90	10-20	29	140	66	88	0.634	1.771
5.0	19JUL90	20-30	1	106	106	106	0.007	0.024
5.0	23AUG90	0-10	17	105	67	84	4.775	12.732
5.0	23AUG90	10-20	16	113	70	94	8.602	25.636
5.0	23AUG90	20-30	7	131	66	87	0.460	1.282
5.0	19SEP90	0-10	7	68	48	58	0.727	1.340
5.0	19SEP90	10-20	1	63	63	63	0.047	0.095
5.0	19SEP90	20-30	1	99	99	99	0.046	0.144
5.0	25OCT90	0-10	30	112	55	80	2.101	5.353
5.0	25OCT90	10-20	43	121	44	81	3.462	8.940
5.0	25OCT90	20-30	24	114	44	76	1.282	3.090
7.0	21JUL87	0- 5	1	150	150	150	1.000	4.778
7.0	21JUL87	5-10	1	150	150	150	0.348	1.662
7.0	21JUL87	10-17	1	150	150	150	1.333	6.370
7.0	21JUL87	17-24	1	150	150	150	1.375	6.570
7.0	19AUG87	0-10	2	150	50	134	1.107	4.721
7.0	19AUG87	10-20	2	150	50	123	0.500	1.955
7.0	19AUG87	20-30	1	150	150	150	1.143	5.460
7.0	16SEP87	0-10	13	113	54	83	0.433	1.141
7.0	16SEP87	10-20	4	119	109	114	0.080	0.290
7.0	16SEP87	20-30	1	90	90	90	0.020	0.057
7.0	21OCT87	0- 8	5	117	69	99	0.200	0.629
7.0	21OCT87	8-16	14	120	59	85	0.560	1.521
7.0	21OCT87	16-30	6	153	66	104	0.240	0.798
7.0	10MAY88	0- 5	1	86	86	86	0.260	0.713
7.0	10MAY88	5-10	2	111	84	98	0.543	1.688
7.0	10MAY88	10-20	7	112	74	95	1.080	3.284
7.0	10MAY88	20-30	5	111	50	90	1.064	3.056
7.0	07JUN88	0-10	1	81	81	81	0.499	1.286
7.0	12JUL88	0-10	10	117	80	97	2.939	9.044
7.0	12JUL88	10-20	3	114	98	104	0.539	1.785
7.0	12JUL88	20-30	1	96	96	96	0.091	0.278
7.0	16AUG88	9-18	1	73	73	73	0.264	0.613
7.0	16AUG88	18-27	9	92	77	86	3.247	8.940
7.0	11OCT88	0- 7	4	109	73	94	0.181	0.542
7.0	11OCT88	7-14	10	100	71	84	1.067	2.865

Table 1m. Density, biomass and length data estimated from pump samples for *Polyarthra* Sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·L ⁻¹	Biomass μg·m ⁻³
				Length μm	Length μm	Length μm		
7.0	11OCT88	14-21	5	104	92	100	0.403	1.282
7.0	17MAY90	0- 6	1	87	87	87	0.019	0.053
7.0	17MAY90	12-30	3	100	97	99	0.031	0.097
7.0	20JUL90	0-10	1	100	100	100	0.347	1.106
7.0	20JUL90	10-20	4	84	77	81	0.394	1.020
7.0	20JUL90	20-30	4	114	85	103	0.044	0.145
7.0	24AUG90	0-10	17	191	67	103	8.995	29.510
7.0	24AUG90	10-20	4	82	66	74	2.339	5.476
7.0	20SEP90	0-10	3	91	61	78	0.943	2.344
7.0	26OCT90	0-10	33	117	47	78	2.670	6.662
7.0	26OCT90	10-20	51	120	53	82	2.724	7.100
7.0	26OCT90	20-30	41	114	40	79	3.254	8.228
8.0	22JUL87	0- 8	2	150	50	144	0.944	4.335
8.0	22JUL87	8-16	1	150	150	150	1.500	7.167
8.0	22JUL87	16-24	2	150	50	117	0.429	1.593
8.0	18AUG87	0-10	2	150	50	147	2.615	12.251
8.0	18AUG87	10-20	2	150	50	133	0.353	1.499
8.0	18AUG87	20-30	2	150	50	88	1.000	2.787
8.0	17SEP87	0-10	15	132	72	96	0.600	1.844
8.0	17SEP87	10-20	17	121	72	95	0.340	1.024
8.0	17SEP87	20-30	5	114	80	94	0.100	0.299
8.0	20OCT87	0- 8	1	69	69	69	0.080	0.176
8.0	20OCT87	8-16	8	117	66	84	0.320	0.851
8.0	20OCT87	16-30	2	82	67	75	0.080	0.190
8.0	12MAY88	0-10	3	93	89	91	0.210	0.610
8.0	12MAY88	10-20	4	94	77	86	0.374	1.021
8.0	16MAY90	0-10	3	82	59	74	0.028	0.067
8.0	16MAY90	10-20	2	123	77	100	0.020	0.062
8.0	16MAY90	20-30	3	128	92	105	0.028	0.095
8.0	19JUN90	0-10	1	85	85	85	0.009	0.024
8.0	17JUL90	0-10	5	115	74	98	1.799	5.637
8.0	17JUL90	20-30	1	88	88	88	0.017	0.049
8.0	21AUG90	0-10	24	114	60	87	4.598	12.680
8.0	21AUG90	10-20	9	106	46	80	5.172	13.235
8.0	21AUG90	20-30	3	100	72	85	0.052	0.140
8.0	18SEP90	0-10	22	99	46	74	4.151	9.742
8.0	18SEP90	10-20	1	82	82	82	0.190	0.498
8.0	18SEP90	20-30	1	92	92	92	0.190	0.558
8.0	23OCT90	0-10	19	104	55	81	1.217	3.130
8.0	23OCT90	10-20	28	100	55	77	2.511	6.148
8.0	23OCT90	20-30	16	103	50	80	1.025	2.608
8.1	16MAY90	0-10	4	103	84	91	0.104	0.300
8.1	16MAY90	10-20	8	120	79	97	0.077	0.238
8.1	17JUL90	0-10	6	92	61	82	0.610	1.593
8.1	21AUG90	0-10	23	110	64	83	4.915	12.945
8.1	21AUG90	10-20	8	110	64	90	2.484	7.152

Table 1m. Density, biomass and length data estimated from pump samples for *Polyarthra* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No. $\cdot \text{L}^{-1}$	Biomass $\mu\text{g}\cdot\text{m}^{-3}$
8.1	18SEP90	0-10	6	112	63	85	1.887	5.128
8.1	23OCT90	0-10	20	113	46	85	1.196	3.231
8.1	23OCT90	10-20	24	101	44	80	1.044	2.663
9.0	23JUL87	0- 7	2	150	50	146	4.167	19.377
9.0	23JUL87	7-14	1	150	150	150	1.444	6.901
9.0	23JUL87	14-21	1	150	150	150	0.444	2.123
9.0	20AUG87	0-10	2	150	50	132	7.333	30.790
9.0	20AUG87	10-20	2	150	50	134	1.583	6.769
9.0	20AUG87	20-30	1	150	150	150	0.364	1.737
9.0	15SEP87	0-10	12	117	56	90	1.333	3.833
9.0	15SEP87	10-20	4	95	81	89	0.308	0.875
9.0	15SEP87	20-30	1	73	73	73	0.043	0.101
9.0	22OCT87	0- 8	22	123	59	93	1.760	5.208
9.0	22OCT87	8-16	10	126	69	92	1.667	4.873
9.0	22OCT87	16-30	12	104	58	82	0.960	2.505
9.0	12MAY88	0-10	4	96	68	84	0.412	1.095
9.0	12MAY88	10-20	6	100	78	85	0.752	2.040
9.0	12MAY88	20-30	7	104	73	90	0.476	1.368
9.0	09JUN88	0-10	1	85	85	85	0.436	1.179
9.0	09JUN88	10-20	2	125	102	114	0.665	2.403
9.0	14JUL88	0-10	11	113	61	89	1.882	5.363
9.0	14JUL88	10-20	2	102	83	93	0.256	0.755
9.0	18AUG88	0- 7	12	107	74	90	3.171	9.108
9.0	18AUG88	7-14	2	95	94	95	0.303	0.912
9.0	13OCT88	0- 7	7	102	74	89	0.557	1.584
9.0	13OCT88	7-14	7	109	60	84	1.113	2.989
9.0	13OCT88	14-21	1	89	89	89	0.080	0.228
9.0	17MAY90	10-20	1	56	56	56	0.010	0.017
9.0	17MAY90	20-30	1	103	103	103	0.011	0.035
9.0	22JUN90	0-10	4	96	75	86	0.111	0.304
9.0	22JUN90	10-20	3	99	88	93	0.036	0.108
9.0	18JUL90	0-10	2	92	89	91	0.143	0.412
9.0	22AUG90	0-10	30	124	65	87	3.488	9.670
9.0	22AUG90	10-20	2	76	75	76	0.230	0.553
9.0	21SEP90	0-10	42	104	44	62	14.000	27.807
9.0	21SEP90	10-20	3	77	58	68	0.194	0.419
9.0	21SEP90	20-30	2	77	61	69	0.063	0.138
9.0	24OCT90	0-10	1	87	87	87	0.005	0.013
9.0	24OCT90	10-20	18	110	44	77	0.388	0.945
9.0	24OCT90	20-30	18	102	56	81	0.522	1.340

Table Ia. Density, biomass and length data estimated from pump samples for *Polyphemus* Sp.

Station	Date	Depth m	N	Max	Min	Mean	Density No.·m ⁻³	Biomass mg·m ⁻³
				Length μm	Length μm	Length μm		
1.0	16AUG88	0- 9	8	763	411	631	141.929	.
1.0	20SEP90	0-10	2	776	775	776	17.094	.
3.0	17AUG88	0- 9	2	800	710	755	41.312	.
3.0	19JUL90	0-10	1	1030	1030	1030	6.897	.
3.0	23AUG90	0-10	3	910	435	650	21.652	.
4.0	22AUG90	0-10	10	1041	403	669	176.106	.
5.0	22JUL87	0- 8	2	572	557	565	200.000	.
5.0	17AUG88	0- 9	11	805	349	562	190.384	.
5.0	17AUG88	9-18	2	866	729	798	41.852	.
5.0	23AUG90	0-10	1	605	605	605	5.618	.
5.0	19SEP90	0-10	2	969	730	850	18.692	.
7.0	19AUG87	0-10	1	476	476	476	36.000	.
7.0	16SEP87	0-10	1	617	617	617	20.000	.
7.0	16AUG88	0- 9	1	715	715	715	28.630	.
8.0	17SEP87	0-10	2	1014	576	795	40.000	.
8.1	21AUG90	0-10	4	991	619	839	25.641	.
9.0	18AUG88	0- 7	4	580	376	435	60.405	.
9.0	18AUG88	7-14	1	562	562	562	10.605	.
9.0	22AUG90	0-10	8	806	325	448	116.279	.
9.0	21SEP90	0-10	1	820	820	820	10.000	.

Table 1o. Density, biomass and length data estimated from pump samples for *Scapholeberis* Sp.

Station	Date	Depth m	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·m ⁻³	Biomass mg·m ⁻³
1.0	21JUL87	0- 7	3	594	498	557	300.000	0.703
3.0	12OCT88	0- 7	1	524	524	524	15.366	0.030
5.0	17AUG88	0- 9	1	845	845	845	14.256	0.101
5.0	17AUG88	9-18	2	515	349	432	21.763	0.027
5.0	17AUG88	18-27	2	510	391	451	28.542	0.039
5.0	19JUL90	0-10	4	602	448	511	127.720	0.242
7.0	16AUG88	0- 9	1	559	559	559	13.938	0.032
7.0	20JUL90	0-10	1	323	323	323	30.193	0.016
7.0	24AUG90	0-10	1	796	796	796	7.452	0.045
8.0	22JUL87	0- 8	1	675	675	675	56.000	0.217
8.0	17JUL90	10-20	1	1125	1125	1125	7.246	0.112
9.0	20AUG87	0-10	1	403	403	403	111.000	0.107
9.0	14JUL88	20-30	1	809	809	809	9.597	0.061
9.0	18AUG88	0- 7	4	523	394	449	60.405	0.080

Table 2a. Density, biomass and length data estimated from 0-50 m Scors samples for *Bosminidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	05JUN85	3	599	292	497	0.192	0.798
1.0	04JUL85	2	664	270	467	0.064	0.259
1.0	31JUL85	1	618	618	618	0.064	0.389
1.0	28AUG85	11	711	500	602	0.352	2.046
1.0	25SEP85	4	721	292	464	0.128	0.489
1.0	23OCT85	4	787	535	680	0.064	0.496
1.0	24JUN86	5	648	410	523	0.640	2.779
1.0	22JUL86	6	671	285	523	0.256	1.182
1.0	26AUG86	8	731	401	539	0.512	2.406
1.0	24SEP86	5	616	331	443	0.320	0.998
1.0	18OCT86	7	600	347	491	0.224	0.850
1.0	23JUN87	10	587	307	411	0.270	0.702
1.0	21JUL87	25	823	248	451	0.800	2.672
1.0	19AUG87	14	535	248	376	0.532	1.141
1.0	16SEP87	54	597	253	431	0.324	0.928
1.0	21OCT87	59	681	372	530	0.263	1.170
2.0	05JUN85	3	581	545	557	0.096	0.463
2.0	04JUL85	3	421	315	358	0.096	0.177
2.0	31JUL85	5	711	509	620	0.320	2.008
2.0	28AUG85	7	590	447	528	0.448	1.940
2.0	25SEP85	4	674	464	582	0.256	1.392
2.0	23OCT85	4	759	599	686	0.128	0.991
4.0	08MAY85	1	421	421	421	0.016	0.041
4.0	05JUN85	1	526	526	526	0.016	0.068
4.0	04JUL85	2	464	315	390	0.128	0.292
4.0	31JUL85	8	768	491	617	1.024	6.422
4.0	28AUG85	7	692	464	551	0.448	2.157
4.0	25SEP85	4	768	491	612	0.128	0.790
4.0	23OCT85	2	581	545	563	0.064	0.316
4.0	15MAY86	2	581	536	559	0.128	0.622
4.0	25JUN86	5	648	358	532	0.640	2.918
4.0	23JUL86	8	642	343	449	1.024	3.268
4.0	27AUG86	4	485	370	416	0.256	0.655
4.0	24SEP86	6	547	201	426	0.384	1.144
4.0	17OCT86	6	539	377	466	0.384	1.260
4.0	22MAY87	1	218	218	218	0.096	0.057
4.0	25JUN87	35	668	285	442	2.602	7.926
4.0	25JUN87	19	639	351	476	1.045	3.710
4.0	23JUL87	21	698	314	486	1.008	3.729
4.0	20AUG87	24	712	351	525	1.320	5.775
4.0	15SEP87	58	647	277	495	0.576	2.213
4.0	22OCT87	52	708	284	528	0.530	2.351
5.0	07MAY85	2	509	464	487	0.032	0.114
5.0	03JUL85	3	778	438	551	0.048	0.253
5.0	30JUL85	7	581	277	464	0.448	1.527
5.0	27AUG85	5	692	438	601	0.320	1.888

Table 2a. Density, biomass and length data estimated from 0-50 m Scor samples for *Bosminidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	24SEP85	20	759	315	515	0.640	2.757
5.0	22OCT85	10	835	447	618	0.160	1.012
5.0	15MAY86	1	477	477	477	0.032	0.109
5.0	26JUN86	1	432	432	432	0.128	0.350
5.0	24JUL86	1	423	423	423	0.128	0.334
5.0	27AUG86	7	608	401	490	0.448	1.668
5.0	25SEP86	22	577	239	432	1.408	4.016
5.0	17OCT86	12	623	447	543	0.768	3.538
5.0	24JUN87	3	624	277	430	0.288	0.900
5.0	22JUL87	50	631	270	465	2.400	8.095
5.0	18AUG87	18	609	277	457	0.684	2.241
5.0	17SEP87	33	637	267	464	0.286	0.982
5.0	22OCT87	47	666	303	529	0.344	1.522
6.0	04JUN85	2	473	413	443	0.128	0.372
6.0	03JUL85	5	692	371	509	0.320	1.377
6.0	27AUG85	1	491	491	491	0.128	0.465
6.0	24SEP85	2	315	308	312	0.128	0.169
6.0	22OCT85	4	421	308	364	0.064	0.122
6.0	15MAY86	1	539	539	539	0.032	0.143
6.0	25JUN86	1	607	607	607	0.043	0.249
6.0	23JUL86	3	532	329	462	0.128	0.429
6.0	27AUG86	2	508	301	405	0.128	0.329
6.0	24SEP86	1	370	370	370	0.064	0.124
6.0	22MAY87	3	1011	292	391	0.129	0.310
6.0	25JUN87	2	469	373	421	0.128	0.336
6.0	23JUL87	15	476	255	357	0.720	1.338
6.0	20AUG87	6	521	262	378	0.384	0.851
6.0	15SEP87	40	615	269	442	0.328	0.982
6.0	22OCT87	18	585	294	436	0.086	0.250
7.0	04JUL85	1	646	646	646	0.064	0.429
7.0	31JUL85	6	749	339	541	0.384	1.889
7.0	28AUG85	6	759	473	626	0.192	1.245
7.0	25SEP85	3	563	491	521	0.096	0.400
7.0	23OCT85	13	664	473	553	0.208	1.001
7.0	24JUN86	8	715	350	516	1.024	4.480
7.0	22JUL86	6	685	234	445	0.192	0.631
7.0	26AUG86	9	616	393	495	0.576	2.247
7.0	23SEP86	43	700	285	440	2.752	8.403
7.0	18OCT86	4	462	347	420	0.085	0.222
7.0	23JUN87	8	572	262	415	0.256	0.688
7.0	21JUL87	36	668	329	480	1.368	4.935
7.0	19AUG87	25	594	248	473	0.800	2.800
7.0	16SEP87	78	733	271	487	0.503	1.920
7.0	21OCT87	114	689	273	503	0.912	3.626
8.0	07MAY85	2	438	421	430	0.064	0.173
8.0	04JUN85	3	683	627	655	0.048	0.332

Table 2a. Density, biomass and length data estimated from 0-50 m Scor samples for *Bosminidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
8.0	30JUL85	7	664	388	530	0.448	1.989
8.0	24SEP85	15	787	315	601	0.240	1.437
8.0	22OCT85	8	816	355	625	0.128	0.864
8.0	26JUN86	2	782	596	689	0.256	2.030
8.0	24JUL86	10	831	460	581	0.640	3.546
8.0	28AUG86	2	539	470	505	0.128	0.498
8.0	25SEP86	16	631	308	411	1.024	2.657
8.0	20MAY87	1	432	432	432	0.032	0.087
8.0	24JUN87	9	462	344	390	0.576	1.263
8.0	22JUL87	29	749	344	485	1.392	5.145
8.0	18AUG87	13	661	292	498	0.494	1.947
8.0	17SEP87	54	599	366	494	0.576	2.169
8.0	20OCT87	72	694	306	538	0.624	2.867
9.0	07MAY85	1	473	473	473	0.016	0.054
9.0	03JUL85	7	554	421	470	0.448	1.495
9.0	30JUL85	2	572	545	559	0.128	0.621
9.0	27AUG85	3	768	500	622	0.192	1.236
9.0	24SEP85	6	683	388	574	0.384	2.084
9.0	15MAY86	1	423	423	423	0.043	0.111
9.0	25JUN86	3	499	440	469	0.096	0.317
9.0	23JUL86	5	605	256	426	0.640	1.887
9.0	27AUG86	2	493	424	459	0.128	0.403
9.0	24SEP86	2	470	439	455	0.128	0.392
9.0	16OCT86	2	585	477	531	0.064	0.281
9.0	22MAY87	1	616	616	616	0.110	0.663
9.0	25JUN87	12	602	240	414	0.768	2.051
9.0	23JUL87	13	587	299	430	0.624	1.788
9.0	20AUG87	14	646	321	487	0.672	2.531
9.0	15SEP87	41	600	312	482	0.504	1.836
9.0	22OCT87	19	603	355	508	0.160	0.643

Table 2b. Density, biomass and length data estimated from 0-50 m Scop samples for *Cyclopidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	08MAY85	92	1395	371	769	1.124	4.155
1.0	05JUN85	123	1516	421	697	2.939	9.163
1.0	04JUL85	134	1449	438	792	2.104	8.028
1.0	31JUL85	132	1395	509	818	4.466	17.789
1.0	28AUG85	98	1353	572	912	2.032	9.892
1.0	25SEP85	90	1332	778	1023	1.856	11.178
1.0	23OCT85	121	1342	456	1069	1.112	7.382
1.0	14MAY86	139	1786	298	706	4.310	14.882
1.0	24JUN86	138	1429	276	727	10.637	35.370
1.0	22JUL86	107	1428	380	732	1.318	4.457
1.0	26AUG86	106	1400	523	856	3.108	13.567
1.0	24SEP86	111	1324	301	911	3.168	16.116
1.0	18OCT86	114	1492	424	887	1.221	5.907
1.0	21MAY87	367	1291	174	647	4.920	13.235
1.0	23JUN87	243	1426	329	619	3.109	7.444
1.0	21JUL87	242	1368	476	773	3.655	13.000
1.0	19AUG87	174	1291	321	799	3.587	13.830
1.0	16SEP87	89	1039	352	768	1.794	6.266
1.0	21OCT87	119	1184	298	833	1.136	4.695
2.0	08MAY85	116	1363	263	730	1.395	4.848
2.0	05JUN85	131	1342	404	737	2.372	7.942
2.0	04JUL85	150	1417	464	790	2.700	10.244
2.0	31JUL85	80	1505	500	855	2.912	12.873
2.0	28AUG85	50	1239	554	929	1.760	8.928
2.0	25SEP85	70	1608	664	994	1.008	5.809
2.0	23OCT85	94	1342	183	1008	1.136	6.868
4.0	08MAY85	131	1374	363	683	1.123	3.356
4.0	05JUN85	119	1332	379	695	0.931	2.925
4.0	04JUL85	93	1363	404	746	2.171	7.541
4.0	31JUL85	53	1417	447	808	2.915	11.790
4.0	28AUG85	48	1332	554	920	1.312	6.556
4.0	25SEP85	75	1322	535	928	1.152	5.877
4.0	23OCT85	105	1363	664	1034	1.224	7.633
4.0	15MAY86	107	1414	410	694	2.928	9.324
4.0	25JUN86	198	1503	313	757	17.136	61.071
4.0	23JUL86	60	1472	350	581	3.093	6.706
4.0	27AUG86	95	1500	339	942	1.264	6.935
4.0	24SEP86	85	1538	424	792	1.120	4.382
4.0	17OCT86	66	1330	424	694	1.409	4.127
4.0	22MAY87	286	1291	292	576	7.760	16.451
4.0	25JUN87	188	1407	285	549	9.812	18.490
4.0	25JUN87	143	1310	292	539	5.770	10.646
4.0	23JUL87	120	1252	340	688	3.377	9.641
4.0	20AUG87	120	1310	469	754	2.719	9.363
4.0	15SEP87	81	1071	324	697	1.229	3.646
4.0	22OCT87	120	1114	349	745	1.632	5.499

Table 2b. Density, biomass and length data estimated from 0-50 m Scop samples for Cyclopidae Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	07MAY85	136	1428	438	690	1.157	3.417
5.0	04JUN85	135	1353	331	648	8.361	21.666
5.0	03JUL85	150	1290	430	738	1.594	5.348
5.0	30JUL85	55	1353	421	798	2.138	8.314
5.0	27AUG85	35	1301	599	947	1.045	5.511
5.0	24SEP85	61	1363	655	974	0.848	4.693
5.0	22OCT85	69	1406	526	1017	0.696	4.214
5.0	15MAY86	98	1540	365	677	0.848	2.782
5.0	26JUN86	107	1496	417	759	3.949	14.463
5.0	24JUL86	102	1428	401	690	2.738	8.123
5.0	27AUG86	118	1461	347	860	2.848	12.852
5.0	25SEP86	108	1446	316	821	2.304	9.684
5.0	17OCT86	73	1392	401	707	0.963	2.974
5.0	20MAY87	282	1330	307	561	2.493	5.238
5.0	24JUN87	163	1271	358	600	9.302	20.880
5.0	22JUL87	137	1213	358	708	3.986	12.047
5.0	18AUG87	125	1271	307	782	2.383	8.910
5.0	17SEP87	125	1057	310	702	1.784	5.359
5.0	22OCT87	143	1151	355	755	1.282	4.416
6.0	07MAY85	117	1374	379	660	0.948	2.685
6.0	04JUN85	165	1322	379	749	6.187	21.367
6.0	03JUL85	161	1363	277	730	7.181	23.827
6.0	30JUL85	72	1439	590	824	3.980	16.093
6.0	27AUG85	86	1417	526	811	5.742	22.593
6.0	24SEP85	80	1406	636	1023	1.690	10.365
6.0	22OCT85	84	1449	590	965	0.412	2.248
6.0	15MAY86	139	1630	408	683	0.977	2.989
6.0	25JUN86	127	1503	373	595	1.331	2.987
6.0	23JUL86	155	1312	314	632	2.966	7.643
6.0	27AUG86	110	1430	316	851	2.318	10.170
6.0	24SEP86	83	1453	746	1021	0.653	3.960
6.0	16OCT86	66	1462	640	868	0.113	0.518
6.0	22MAY87	272	1310	366	572	5.433	11.263
6.0	25JUN87	163	1291	307	531	6.060	10.749
6.0	23JUL87	117	1252	211	563	3.618	7.059
6.0	20AUG87	126	1310	358	692	4.706	13.579
6.0	15SEP87	115	1084	288	648	1.392	3.613
6.0	22OCT87	108	1042	328	726	1.166	3.754
7.0	08MAY85	86	1516	371	701	1.678	5.336
7.0	05JUN85	107	1516	413	730	2.708	8.978
7.0	04JUL85	134	1395	430	758	3.649	12.852
7.0	31JUL85	68	1301	456	873	2.005	9.119
7.0	28AUG85	40	1332	627	949	0.453	2.385
7.0	25SEP85	58	1342	609	1019	0.632	3.810
7.0	23OCT85	100	1322	609	1073	0.904	5.996
7.0	14MAY86	153	1645	358	722	2.180	7.595

Table 2b. Density, biomass and length data estimated from 0-50 m Scop samples for Cyclopidae Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	24JUN86	96	1548	321	698	5.478	16.989
7.0	22JUL86	124	1370	336	642	1.700	4.388
7.0	26AUG86	59	1461	370	835	1.444	6.157
7.0	23SEP86	87	1407	293	869	2.342	10.993
7.0	18OCT86	97	1453	377	802	0.443	1.740
7.0	21MAY87	366	1330	181	568	3.265	6.811
7.0	23JUN87	209	1291	159	581	4.022	8.540
7.0	21JUL87	145	1291	403	736	3.100	10.127
7.0	19AUG87	132	1310	285	780	2.271	8.327
7.0	16SEP87	65	1056	377	767	0.926	3.220
7.0	21OCT87	83	1177	428	823	0.664	2.672
8.0	07MAY85	113	1406	421	734	1.651	5.559
8.0	04JUN85	115	1460	388	711	0.732	2.364
8.0	03JUL85	114	1439	464	806	3.291	13.048
8.0	30JUL85	75	1363	347	828	2.240	9.372
8.0	27AUG85	49	1342	581	962	0.887	4.843
8.0	24SEP85	102	1311	430	920	0.780	3.910
8.0	22OCT85	93	1505	636	1055	0.656	4.240
8.0	16MAY86	98	1622	306	630	2.176	6.004
8.0	26JUN86	93	1570	365	779	5.520	21.082
8.0	24JUL86	83	1253	292	685	2.986	8.669
8.0	28AUG86	91	1430	331	765	1.693	6.373
8.0	25SEP86	67	1600	247	772	0.692	2.762
8.0	17OCT86	78	1507	401	611	0.655	1.586
8.0	20MAY87	284	1310	336	627	3.128	8.013
8.0	24JUN87	144	1233	307	540	5.641	10.291
8.0	22JUL87	124	1252	366	663	3.680	9.952
8.0	18AUG87	106	1271	373	777	2.581	9.357
8.0	17SEP87	103	1015	323	735	2.032	6.610
8.0	20OCT87	107	1047	308	757	1.176	4.075
9.0	07MAY85	93	1449	388	716	0.620	2.081
9.0	04JUN85	184	1385	331	679	3.480	10.037
9.0	03JUL85	141	1374	404	746	5.458	18.806
9.0	30JUL85	76	1482	396	762	2.860	10.193
9.0	27AUG85	49	1290	572	867	1.696	7.584
9.0	24SEP85	69	1311	609	961	1.549	8.379
9.0	22OCT85	119	1406	438	1004	0.912	5.418
9.0	15MAY86	143	1385	343	510	1.588	2.598
9.0	25JUN86	190	1563	321	692	3.706	11.578
9.0	23JUL86	117	1472	372	609	5.029	11.720
9.0	27AUG86	105	1461	554	871	1.766	8.116
9.0	24SEP86	99	1470	370	930	1.273	6.724
9.0	16OCT86	90	1369	339	826	0.694	2.904
9.0	22MAY87	278	1330	299	504	9.583	15.609
9.0	25JUN87	124	1174	348	549	5.171	9.866
9.0	23JUL87	195	1174	218	650	3.251	8.496

Table 2b. Density, biomass and length data estimated from 0-50 m Scop samples for Cyclopidae Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
9.0	20AUG87	176	1252	425	713	2.608	8.082
9.0	15SEP87	99	1122	301	694	1.836	5.430
9.0	22OCT87	114	1154	288	705	1.320	4.136

Table 2c. Density, biomass and length data estimated from 0-50 m Scors samples for *Daphnia* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	08MAY85	2	1332	1301	1317	0.007	0.083
1.0	05JUN85	5	1148	655	777	0.142	0.732
1.0	04JUL85	11	1301	618	720	0.184	0.852
1.0	31JUL85	35	1428	388	852	0.704	4.361
1.0	28AUG85	86	1620	404	1061	1.096	9.380
1.0	25SEP85	39	2004	721	1313	0.672	7.953
1.0	23OCT85	19	1903	1020	1483	0.152	2.167
1.0	14MAY86	3	1533	879	1029	0.085	0.693
1.0	24JUN86	14	1831	611	832	0.640	3.771
1.0	22JUL86	41	1407	664	961	0.266	1.929
1.0	26AUG86	43	1592	585	1047	0.612	5.111
1.0	24SEP86	19	1584	493	970	0.544	4.079
1.0	18OCT86	7	1330	1008	1184	0.037	0.370
1.0	21MAY87	3	1504	1058	1226	0.004	0.039
1.0	23JUN87	16	1523	904	993	0.040	0.300
1.0	21JUL87	65	1543	498	804	0.505	2.789
1.0	19AUG87	152	1446	498	902	1.469	9.854
1.0	16SEP87	179	1632	496	1047	2.082	17.446
1.0	21OCT87	113	1808	548	1294	0.599	6.931
2.0	08MAY85	1	1229	1229	1229	0.003	0.028
2.0	05JUN85	4	1089	526	589	0.072	0.245
2.0	04JUL85	13	1188	590	775	0.136	0.714
2.0	31JUL85	40	1573	581	975	1.072	8.088
2.0	28AUG85	70	1608	627	1185	1.360	13.736
2.0	25SEP85	46	1755	683	1175	0.536	5.388
2.0	23OCT85	12	1620	1059	1452	0.096	1.311
4.0	08MAY85	1	1209	1209	1209	0.002	0.023
4.0	05JUN85	2	768	674	721	0.032	0.145
4.0	04JUL85	12	1188	371	614	0.354	1.307
4.0	31JUL85	50	1632	721	1046	1.394	11.539
4.0	28AUG85	65	1596	990	1287	0.747	8.454
4.0	25SEP85	57	1644	797	1302	0.480	5.564
4.0	23OCT85	22	1573	1000	1331	0.176	2.099
4.0	15MAY86	1	1206	1206	1206	0.008	0.081
4.0	25JUN86	2	1191	1072	1132	0.051	0.467
4.0	23JUL86	67	1479	416	723	1.312	6.135
4.0	27AUG86	19	1584	585	1001	0.264	2.074
4.0	24SEP86	5	1907	1077	1417	0.020	0.269
4.0	17OCT86	13	1238	931	976	0.081	0.595
4.0	22MAY87	2	1233	1039	1136	0.002	0.016
4.0	25JUN87	69	1485	417	805	0.656	3.668
4.0	25JUN87	20	1291	771	877	0.187	1.157
4.0	23JUL87	196	1330	506	809	0.765	4.315
4.0	20AUG87	184	1485	594	908	1.363	9.095
4.0	15SEP87	121	1664	753	1128	1.106	10.294
4.0	22OCT87	96	1616	585	1126	0.266	2.487

Table 2c. Density, biomass and length data estimated from 0-50 m Scors samples for *Daphnia* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	07MAY85	3	1406	1270	1343	0.004	0.044
5.0	04JUN85	4	1178	655	676	0.386	1.586
5.0	03JUL85	27	1301	664	943	0.150	1.061
5.0	30JUL85	74	1596	535	1068	1.306	11.310
5.0	27AUG85	48	1889	526	1240	0.782	8.515
5.0	24SEP85	39	1573	730	1194	0.408	4.181
5.0	22OCT85	11	1705	1118	1426	0.088	1.170
5.0	26JUN86	4	1317	1005	1124	0.037	0.334
5.0	24JUL86	22	1312	802	835	0.141	0.810
5.0	27AUG86	15	1261	616	905	0.400	2.628
5.0	25SEP86	9	1523	623	821	0.178	1.022
5.0	17OCT86	5	1384	1054	1157	0.006	0.054
5.0	24JUN87	17	1446	801	872	0.116	0.721
5.0	22JUL87	156	1426	639	947	0.763	5.407
5.0	18AUG87	135	1485	498	971	1.086	8.097
5.0	17SEP87	113	1895	528	1230	1.195	12.756
5.0	22OCT87	99	1632	834	1085	0.258	2.248
6.0	07MAY85	1	1301	1301	1301	0.002	0.023
6.0	04JUN85	1	1516	1516	1516	0.011	0.155
6.0	03JUL85	11	1270	388	872	0.192	1.261
6.0	30JUL85	47	1596	702	1132	0.896	8.421
6.0	27AUG85	47	1755	535	1200	0.969	10.035
6.0	24SEP85	23	1755	1000	1266	0.294	3.259
6.0	22OCT85	7	1450	1168	1332	0.016	0.190
6.0	25JUN86	7	1394	589	597	0.043	0.147
6.0	23JUL86	33	1326	773	940	0.165	1.152
6.0	27AUG86	11	1361	739	980	0.192	1.434
6.0	24SEP86	1	1300	1300	1300	0.004	0.049
6.0	22MAY87	4	1310	1077	1145	0.003	0.024
6.0	25JUN87	13	1892	1058	1212	0.008	0.086
6.0	23JUL87	27	1155	498	621	0.154	0.568
6.0	20AUG87	135	1388	557	803	0.403	2.223
6.0	15SEP87	84	1607	542	858	0.206	1.255
6.0	22OCT87	84	1657	422	1044	0.167	1.393
7.0	08MAY85	1	1059	1059	1059	0.005	0.040
7.0	05JUN85	7	1199	599	751	0.148	0.731
7.0	04JUL85	6	1280	1049	1134	0.028	0.257
7.0	31JUL85	65	1471	618	988	1.174	8.916
7.0	28AUG85	84	1656	509	1097	0.634	5.742
7.0	25SEP85	37	1644	922	1387	0.320	4.087
7.0	23OCT85	29	2019	1029	1486	0.232	3.305
7.0	14MAY86	2	1340	1280	1310	0.008	0.092
7.0	24JUN86	17	1481	1012	1176	0.145	1.420
7.0	22JUL86	39	1385	860	977	0.083	0.607
7.0	26AUG86	66	1484	516	993	0.924	7.165
7.0	23SEP86	56	1569	485	903	1.536	10.148

Table 2c. Density, biomass and length data estimated from 0-50 m Scors samples for *Daphnia* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. · L ⁻¹	Biomass mg · m ⁻³
7.0	18OCT86	4	1761	1115	1311	0.004	0.047
7.0	21MAY87	4	1233	1039	1146	0.001	0.008
7.0	23JUN87	18	1349	786	871	0.043	0.265
7.0	21JUL87	130	1407	587	872	1.077	6.724
7.0	19AUG87	155	1446	476	888	1.445	9.424
7.0	16SEP87	134	1668	493	1091	1.203	10.689
7.0	21OCT87	189	1709	720	1029	0.299	2.409
8.0	04JUN85	7	1098	627	741	0.053	0.255
8.0	03JUL85	8	1428	655	950	0.128	0.935
8.0	30JUL85	36	1460	646	1025	0.651	5.258
8.0	27AUG85	44	1705	845	1197	0.512	5.209
8.0	24SEP85	43	1668	922	1268	0.196	2.180
8.0	22OCT85	22	1889	1049	1468	0.117	1.641
8.0	16MAY86	3	1719	1474	1622	0.011	0.182
8.0	26JUN86	20	1503	678	1021	0.432	3.470
8.0	24JUL86	79	1443	576	825	0.530	3.049
8.0	28AUG86	26	1538	570	934	0.384	2.698
8.0	25SEP86	26	1484	892	1044	0.140	1.149
8.0	17OCT86	3	1400	1200	1302	0.003	0.039
8.0	24JUN87	22	1485	1019	1111	0.028	0.252
8.0	22JUL87	110	1330	491	853	0.918	5.557
8.0	18AUG87	196	1543	572	970	1.858	13.816
8.0	17SEP87	112	1640	577	1073	1.081	9.421
8.0	20OCT87	113	1668	685	1027	0.328	2.618
9.0	04JUN85	2	845	599	722	0.064	0.295
9.0	03JUL85	17	1290	456	756	0.320	1.677
9.0	30JUL85	37	1768	618	1138	0.473	4.564
9.0	27AUG85	80	1482	430	1079	1.067	9.457
9.0	24SEP85	37	1644	1020	1279	0.474	5.307
9.0	22OCT85	7	1917	1029	1509	0.037	0.545
9.0	15MAY86	2	1275	1071	1173	0.000	0.002
9.0	25JUN86	4	1288	544	703	0.075	0.341
9.0	23JUL86	28	1508	613	848	0.396	2.354
9.0	27AUG86	14	1292	600	816	0.320	1.809
9.0	16OCT86	2	1223	1169	1196	0.005	0.049
9.0	22MAY87	5	1174	1039	1105	0.003	0.028
9.0	25JUN87	19	1388	1019	1151	0.049	0.461
9.0	23JUL87	170	1426	498	727	0.535	2.556
9.0	20AUG87	104	1620	535	851	0.413	2.518
9.0	15SEP87	129	1554	647	980	0.713	5.342
9.0	22OCT87	89	1683	963	1217	0.189	1.968

Table 2d. Density, biomass and length data estimated from 0-50 m Scop samples for Diaptomidae Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	08MAY85	55	1280	421	772	0.651	2.061
1.0	05JUN85	53	1188	388	649	2.085	4.778
1.0	04JUL85	51	1229	438	797	1.156	3.695
1.0	31JUL85	20	1118	421	792	0.882	2.780
1.0	28AUG85	20	1049	711	872	0.592	2.168
1.0	25SEP85	22	1138	456	899	0.592	2.300
1.0	23OCT85	11	1039	912	949	0.152	0.640
1.0	14MAY86	56	1236	343	551	2.464	4.453
1.0	24JUN86	92	1236	343	701	10.048	25.879
1.0	22JUL86	72	1130	336	745	2.591	7.304
1.0	26AUG86	19	869	639	769	1.216	3.593
1.0	24SEP86	15	1123	646	852	0.816	2.881
1.0	18OCT86	10	1246	508	823	0.293	0.984
1.0	21MAY87	11	1174	653	739	0.125	0.347
1.0	23JUN87	101	1233	336	699	0.504	1.368
1.0	21JUL87	73	1233	329	640	0.640	1.524
1.0	19AUG87	18	1136	344	745	0.289	0.870
1.0	16SEP87	18	988	319	797	0.378	1.239
1.0	21OCT87	30	1023	326	753	0.227	0.679
2.0	08MAY85	28	1188	545	896	0.280	1.090
2.0	05JUN85	161	1188	315	616	3.948	8.384
2.0	04JUL85	68	1290	347	818	1.532	5.100
2.0	31JUL85	56	1209	655	889	2.432	9.223
2.0	28AUG85	35	1178	609	885	1.760	6.635
2.0	25SEP85	34	1270	778	917	1.560	6.206
2.0	23OCT85	41	1079	835	928	1.000	4.065
4.0	08MAY85	57	1198	339	627	0.460	1.055
4.0	05JUN85	69	1219	339	561	0.638	1.183
4.0	04JUL85	62	1249	413	772	2.196	6.672
4.0	31JUL85	51	1342	609	875	3.683	13.683
4.0	28AUG85	40	1108	740	867	2.187	7.919
4.0	25SEP85	43	1089	787	907	1.232	4.809
4.0	23OCT85	36	1118	749	940	0.744	3.094
4.0	15MAY86	53	1184	358	612	1.824	4.057
4.0	25JUN86	275	1146	321	661	33.353	77.992
4.0	23JUL86	67	1115	423	698	7.302	18.454
4.0	27AUG86	30	1000	562	766	1.920	5.666
4.0	24SEP86	17	1123	746	824	0.728	2.418
4.0	17OCT86	17	1146	547	807	0.650	2.104
4.0	22MAY87	27	1155	366	580	1.070	2.051
4.0	25JUN87	397	1291	344	730	5.694	15.948
4.0	25JUN87	160	1271	373	769	1.709	5.185
4.0	23JUL87	136	1194	358	717	2.183	5.903
4.0	20AUG87	62	1097	351	737	2.623	7.304
4.0	15SEP87	86	917	647	752	1.651	4.654
4.0	22OCT87	56	1006	335	785	0.821	2.531

Table 2d. Density, biomass and length data estimated from 0-50 m Scor samples for *Diaptomidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	07MAY85	44	1259	388	610	0.246	0.530
5.0	04JUN85	26	1168	371	512	3.847	5.771
5.0	03JUL85	47	1178	347	738	0.496	1.415
5.0	30JUL85	43	1270	740	866	2.138	7.739
5.0	27AUG85	60	1178	740	911	2.396	9.470
5.0	24SEP85	62	1188	759	936	1.528	6.297
5.0	22OCT85	70	1239	797	966	0.832	3.623
5.0	15MAY86	34	1213	217	493	0.443	0.712
5.0	26JUN86	77	1288	380	651	8.311	19.036
5.0	24JUL86	22	1035	343	700	2.434	6.219
5.0	27AUG86	34	931	654	771	2.176	6.446
5.0	25SEP86	19	1177	608	779	1.159	3.503
5.0	17OCT86	11	1161	401	814	0.453	1.520
5.0	20MAY87	13	1291	462	629	0.078	0.172
5.0	24JUN87	96	1271	506	774	0.691	2.112
5.0	22JUL87	58	1136	314	657	1.148	2.763
5.0	18AUG87	42	1174	380	710	1.234	3.247
5.0	17SEP87	57	993	480	745	1.050	2.988
5.0	22OCT87	69	1009	286	743	0.613	1.778
6.0	07MAY85	51	1168	323	691	0.354	0.955
6.0	04JUN85	63	1168	363	530	2.805	4.671
6.0	03JUL85	123	1239	363	691	6.234	15.755
6.0	30JUL85	47	1311	581	771	4.736	14.124
6.0	27AUG85	40	1209	711	860	3.913	13.998
6.0	24SEP85	27	1188	797	926	1.062	4.313
6.0	22OCT85	30	1158	893	995	0.137	0.628
6.0	15MAY86	56	1338	293	594	0.993	2.084
6.0	25JUN86	39	1114	282	517	1.451	2.312
6.0	23JUL86	101	1137	263	620	3.909	8.168
6.0	27AUG86	30	1346	654	788	1.863	5.742
6.0	24SEP86	16	1046	670	825	0.785	2.614
6.0	16OCT86	55	1123	623	870	0.635	2.323
6.0	22MAY87	69	1097	277	440	3.339	4.080
6.0	25JUN87	146	1213	314	638	3.135	6.861
6.0	23JUL87	142	1155	380	678	2.059	4.989
6.0	20AUG87	76	1310	425	778	2.393	7.273
6.0	15SEP87	74	993	373	739	1.160	3.120
6.0	22OCT87	124	1010	302	835	2.194	7.232
7.0	08MAY85	55	1301	421	763	0.897	2.808
7.0	05JUN85	54	1239	379	609	1.836	3.805
7.0	04JUL85	23	1079	456	761	0.819	2.455
7.0	31JUL85	28	1118	730	875	1.472	5.424
7.0	28AUG85	12	1158	816	871	0.331	1.206
7.0	25SEP85	22	1138	845	942	0.416	1.736
7.0	23OCT85	12	1069	845	926	0.168	0.680
7.0	14MAY86	70	1317	328	508	1.344	2.202

Table 2d. Density, biomass and length data estimated from 0-50 m Scor samples for *Diaptomidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	24JUN86	120	1310	321	633	12.373	27.103
7.0	22JUL86	80	1042	307	682	2.529	6.143
7.0	26AUG86	17	885	616	773	1.088	3.242
7.0	23SEP86	13	885	500	780	0.832	2.532
7.0	18OCT86	9	1061	731	843	0.172	0.593
7.0	21MAY87	22	1155	498	633	0.219	0.470
7.0	23JUN87	128	1213	351	826	0.396	1.392
7.0	21JUL87	110	1213	366	696	1.876	4.887
7.0	19AUG87	42	1174	329	676	0.786	1.987
7.0	16SEP87	36	955	315	794	0.535	1.654
7.0	21OCT87	32	1004	352	769	0.256	0.764
8.0	07MAY85	50	1168	347	747	0.544	1.623
8.0	04JUN85	44	1270	363	593	0.364	0.740
8.0	03JUL85	46	1188	404	757	2.066	6.119
8.0	30JUL85	55	1219	692	888	1.920	7.274
8.0	27AUG85	55	1198	721	895	2.258	8.655
8.0	24SEP85	84	1118	618	884	1.164	4.362
8.0	22OCT85	54	1148	816	933	0.715	2.931
8.0	16MAY86	49	1399	343	544	1.449	2.665
8.0	26JUN86	107	1280	417	691	11.456	28.802
8.0	24JUL86	82	1050	329	690	4.997	12.371
8.0	28AUG86	21	1138	685	776	1.169	3.499
8.0	25SEP86	5	939	585	727	0.320	0.867
8.0	17OCT86	8	1853	608	785	0.323	1.000
8.0	20MAY87	11	1039	366	479	0.260	0.366
8.0	24JUN87	164	1233	321	715	2.719	7.349
8.0	22JUL87	101	1194	285	713	2.212	6.001
8.0	18AUG87	58	1097	358	749	1.777	5.098
8.0	17SEP87	44	917	566	743	1.016	2.790
8.0	20OCT87	47	999	317	799	0.552	1.688
9.0	07MAY85	53	1229	315	711	0.316	0.885
9.0	04JUN85	62	1138	315	498	1.536	2.289
9.0	03JUL85	126	1301	388	691	6.693	16.906
9.0	30JUL85	80	1290	572	837	3.550	12.212
9.0	27AUG85	81	1209	655	842	4.864	16.766
9.0	24SEP85	20	1259	749	916	0.819	3.270
9.0	22OCT85	43	1229	864	975	0.421	1.867
9.0	15MAY86	49	1093	285	526	1.835	3.142
9.0	25JUN86	78	1131	209	578	2.256	4.285
9.0	23JUL86	72	1159	380	641	7.431	16.301
9.0	27AUG86	26	939	693	785	1.664	5.087
9.0	24SEP86	15	900	708	798	0.960	3.011
9.0	16OCT86	55	1200	746	907	1.110	4.341
9.0	22MAY87	76	1194	314	486	2.455	3.540
9.0	25JUN87	303	1291	388	756	3.848	11.477
9.0	23JUL87	174	1213	292	647	2.432	5.602

Table 2d. Density, biomass and length data estimated from 0-50 m Scors samples for *Diaptomidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
9.0	20AUG87	74	1116	373	774	2.524	7.633
9.0	15SEP87	123	918	573	736	2.904	7.772
9.0	22OCT87	89	984	336	821	1.352	4.227

Table 2e. Density, biomass and length data estimated from 0-50 m Scop samples for *Epischura* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	24JUN86	14	2217	1042	1680	0.179	3.182
1.0	26AUG86	1	1868	1868	1868	0.009	0.193
1.0	24SEP86	3	2122	846	1204	0.096	1.005
1.0	23JUN87	5	1776	1116	1454	0.004	0.057
1.0	21JUL87	6	1892	1116	1388	0.010	0.125
1.0	19AUG87	7	1853	1019	1488	0.036	0.498
1.0	16SEP87	2	1595	616	812	0.030	0.150
1.0	21OCT87	1	1944	1944	1944	0.004	0.091
2.0	04JUL85	1	1128	1128	1128	0.004	0.031
2.0	28AUG85	1	1596	1596	1596	0.016	0.248
2.0	25SEP85	1	1539	1539	1539	0.008	0.116
4.0	23JUL86	1	1771	1771	1771	0.001	0.011
4.0	27AUG86	2	1968	1177	1573	0.016	0.255
4.0	24SEP86	16	2137	1184	1564	0.064	0.978
4.0	17OCT86	34	2114	1046	1565	0.049	0.752
4.0	25JUN87	32	2105	1019	1542	0.057	0.852
4.0	25JUN87	13	2183	1078	1572	0.017	0.259
4.0	23JUL87	10	2097	1155	1513	0.013	0.184
4.0	20AUG87	13	2252	1136	1656	0.033	0.569
4.0	15SEP87	4	1831	1570	1649	0.020	0.335
4.0	22OCT87	5	1849	895	1095	0.021	0.173
5.0	03JUL85	3	1049	787	885	0.035	0.174
5.0	24SEP85	1	1620	1620	1620	0.008	0.128
5.0	22OCT85	3	2065	1562	1798	0.024	0.476
5.0	24JUL86	3	1035	525	631	0.257	0.664
5.0	27AUG86	5	2614	1185	1925	0.040	0.948
5.0	25SEP86	18	2245	577	1181	0.242	2.692
5.0	17OCT86	35	2153	1031	1675	0.040	0.695
5.0	20MAY87	7	1446	963	1002	0.028	0.175
5.0	24JUN87	34	2066	1039	1467	0.044	0.585
5.0	22JUL87	13	1737	1039	1240	0.033	0.323
5.0	18AUG87	10	1814	1136	1563	0.051	0.771
5.0	17SEP87	4	1937	1610	1735	0.032	0.588
5.0	22OCT87	13	1885	1484	1707	0.008	0.141
6.0	03JUL85	1	1482	1482	1482	0.013	0.172
6.0	25JUN86	2	2019	1847	1933	0.000	0.004
6.0	23JUL86	14	1530	467	589	0.517	1.169
6.0	27AUG86	6	1792	485	871	0.100	0.635
6.0	24SEP86	21	1723	746	1120	0.149	1.266
6.0	16OCT86	1	1669	1669	1669	0.001	0.013
6.0	25JUN87	22	1737	1019	1277	0.014	0.143
6.0	23JUL87	69	1834	1031	1284	0.030	0.307
6.0	20AUG87	13	1834	1136	1548	0.008	0.123
6.0	15SEP87	21	1914	428	840	0.030	0.164
6.0	22OCT87	19	1821	735	952	0.025	0.164
7.0	31JUL85	1	1875	1875	1875	0.011	0.227

Table 2e. Density, biomass and length data estimated from 0-50 m Scor samples for *Epischura* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	25SEP85	1	1353	1353	1353	0.008	0.090
7.0	23OCT85	1	1608	1608	1608	0.008	0.126
7.0	24JUN86	4	1816	693	834	0.154	0.764
7.0	22JUL86	2	1516	525	540	0.033	0.063
7.0	26AUG86	2	1838	1623	1731	0.014	0.259
7.0	23SEP86	13	2061	593	1167	0.218	2.101
7.0	18OCT86	17	1799	1077	1453	0.017	0.224
7.0	21MAY87	1	1097	1097	1097	0.000	0.002
7.0	23JUN87	5	1717	1504	1574	0.003	0.048
7.0	21JUL87	12	1814	1302	1627	0.031	0.499
7.0	19AUG87	13	2124	1523	1759	0.053	1.005
7.0	16SEP87	6	1743	1305	1509	0.030	0.426
7.0	21OCT87	9	2016	1544	1681	0.003	0.050
8.0	03JUL85	7	1494	1098	1258	0.064	0.631
8.0	24SEP85	2	1989	1693	1841	0.008	0.165
8.0	26JUN86	3	1994	1898	1957	0.048	1.110
8.0	24JUL86	1	715	715	715	0.064	0.206
8.0	28AUG86	4	2176	1769	1949	0.023	0.538
8.0	25SEP86	19	2045	1015	1493	0.058	0.816
8.0	17OCT86	25	2038	1100	1512	0.029	0.405
8.0	24JUN87	3	1562	1407	1478	0.004	0.051
8.0	18AUG87	20	2124	1155	1716	0.102	1.867
8.0	17SEP87	8	1862	1571	1738	0.037	0.672
8.0	20OCT87	16	1947	1479	1674	0.005	0.088
9.0	03JUL85	1	1385	1385	1385	0.009	0.107
9.0	25JUN86	1	462	462	462	0.032	0.044
9.0	23JUL86	1	1465	1465	1465	0.000	0.006
9.0	27AUG86	4	2291	1284	1859	0.026	0.557
9.0	24SEP86	11	2207	769	1207	0.135	1.413
9.0	16OCT86	10	2045	1200	1652	0.025	0.418
9.0	22MAY87	1	1155	1155	1155	0.001	0.005
9.0	25JUN87	13	1950	1019	1418	0.033	0.421
9.0	23JUL87	37	1737	1039	1370	0.024	0.277
9.0	20AUG87	5	1737	1194	1531	0.006	0.093
9.0	15SEP87	7	1896	509	926	0.041	0.252
9.0	22OCT87	9	1856	793	1071	0.024	0.190

Table 2f. Density, biomass and length data estimated from 0-50 m Scop samples for *Holopedium* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·m ⁻³	Biomass mg·m ⁻³
1.0	25SEP85	1	627	627	627	32.000	0.078
4.0	23JUL87	1	1097	1097	1097	1.280	0.019
5.0	30JUL85	1	473	473	473	64.000	0.063
5.0	17SEP87	2	1331	1227	1279	0.320	0.008
6.0	23JUL87	1	1097	1097	1097	0.430	0.006
6.0	22OCT87	1	1075	1075	1075	0.160	0.002
7.0	16SEP87	1	1436	1436	1436	0.160	0.006
7.0	21OCT87	2	1051	1022	1037	0.320	0.004
9.0	24SEP85	2	664	315	490	128.000	0.204

Table 2g. Density, biomass and length data estimated from 0-50 m Scor samples for *Leptodora* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·m ⁻³	Biomass mg·m ⁻³
1.0	16SEP87	18	7680	3065	5597	2.880	0.119
4.0	23JUL86	1	2106	2106	2106	0.570	0.004
4.0	15SEP87	26	7195	1376	5102	4.160	0.148
4.0	22OCT87	3	6501	5317	6090	0.480	0.022
5.0	27AUG86	1	5471	5471	5471	8.000	0.302
5.0	17SEP87	20	8656	3500	5800	3.200	0.139
5.0	22OCT87	1	6068	6068	6068	0.160	0.007
6.0	23JUL86	1	3608	3608	3608	2.580	0.045
6.0	15SEP87	8	6701	3913	5411	1.280	0.049
6.0	22OCT87	2	6788	5938	6363	0.320	0.016
7.0	16SEP87	24	7281	3241	5443	3.840	0.150
7.0	21OCT87	1	5702	5702	5702	0.160	0.007
8.0	17SEP87	25	8203	4494	5653	4.000	0.164
8.0	20OCT87	1	4060	4060	4060	0.160	0.003
9.0	15SEP87	13	7068	3357	5037	2.080	0.070
9.0	22OCT87	1	2193	2193	2193	0.160	0.001

Table 2h. Density, biomass and length data estimated from 0-50 m Scop samples for nauplii.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	08MAY85	189	339	154	239	6.048	1.557
1.0	05JUN85	56	347	171	251	3.584	0.995
1.0	04JUL85	109	363	143	218	3.488	0.774
1.0	31JUL85	77	263	137	203	4.928	0.964
1.0	28AUG85	201	285	137	203	6.432	1.254
1.0	25SEP85	157	300	123	192	5.024	0.898
1.0	23OCT85	178	339	123	218	2.848	0.628
1.0	14MAY86	117	298	135	209	7.488	1.549
1.0	24JUN86	76	313	127	177	9.728	1.532
1.0	22JUL86	59	299	74	163	2.518	0.349
1.0	26AUG86	77	170	78	118	4.928	0.399
1.0	24SEP86	67	254	85	131	4.288	0.417
1.0	18OCT86	127	247	70	134	4.064	0.416
1.0	21MAY87	38	262	115	192	1.102	0.197
1.0	23JUN87	63	285	93	178	1.701	0.273
1.0	21JUL87	47	321	122	197	1.504	0.283
1.0	19AUG87	68	277	100	160	2.584	0.348
1.0	16SEP87	93	248	75	142	2.232	0.244
1.0	21OCT87	98	309	88	148	4.704	0.557
2.0	08MAY85	188	300	123	193	6.016	1.093
2.0	05JUN85	172	388	148	233	5.504	1.367
2.0	04JUL85	117	371	127	206	3.744	0.756
2.0	31JUL85	89	292	143	203	5.696	1.117
2.0	28AUG85	52	292	143	199	3.328	0.628
2.0	25SEP85	64	285	137	210	4.096	0.845
2.0	23OCT85	70	292	137	200	2.240	0.431
4.0	08MAY85	279	331	123	218	4.464	0.989
4.0	05JUN85	124	331	118	227	1.984	0.473
4.0	04JUL85	53	323	154	231	3.392	0.823
4.0	31JUL85	54	300	148	207	6.912	1.402
4.0	28AUG85	118	292	118	188	7.552	1.310
4.0	25SEP85	94	315	118	214	3.008	0.644
4.0	23OCT85	140	323	143	223	4.480	1.030
4.0	15MAY86	119	298	127	198	7.616	1.447
4.0	25JUN86	90	321	135	180	11.520	1.887
4.0	23JUL86	105	234	95	158	13.440	1.754
4.0	27AUG86	104	331	70	125	6.656	0.599
4.0	24SEP86	187	270	62	134	11.968	1.203
4.0	17OCT86	187	270	78	146	11.968	1.383
4.0	22MAY87	87	314	100	188	8.352	1.462
4.0	25JUN87	90	307	100	199	6.804	1.296
4.0	25JUN87	86	351	100	179	4.730	0.761
4.0	23JUL87	82	277	122	190	3.936	0.698
4.0	20AUG87	66	321	115	160	3.630	0.482
4.0	15SEP87	42	233	108	150	2.016	0.241
4.0	22OCT87	62	269	98	158	3.968	0.524

Table 2h. Density, biomass and length data estimated from 0-50 m Scop samples for nauplii.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
5.0	07MAY85	303	371	97	226	4.848	1.142
5.0	04JUN85	152	509	109	234	29.184	7.328
5.0	03JUL85	191	315	109	202	3.056	0.597
5.0	30JUL85	74	263	127	194	4.736	0.858
5.0	27AUG85	59	300	132	210	3.776	0.784
5.0	24SEP85	100	300	132	205	3.200	0.635
5.0	22OCT85	162	308	137	204	2.592	0.513
5.0	15MAY86	113	291	105	174	3.616	0.559
5.0	26JUN86	79	254	120	168	10.112	1.449
5.0	24JUL86	89	336	81	158	11.392	1.489
5.0	27AUG86	195	208	70	126	12.480	1.116
5.0	25SEP86	119	193	55	122	7.616	0.655
5.0	17OCT86	225	278	55	140	14.400	1.568
5.0	20MAY87	98	336	115	178	2.352	0.374
5.0	24JUN87	41	262	100	182	3.936	0.646
5.0	22JUL87	62	248	115	174	2.976	0.453
5.0	18AUG87	99	248	108	155	3.762	0.474
5.0	17SEP87	55	225	108	144	2.640	0.296
5.0	22OCT87	99	305	96	154	2.376	0.300
6.0	07MAY85	152	347	105	215	2.432	0.529
6.0	04JUN85	96	323	143	222	6.144	1.402
6.0	03JUL85	16	285	171	209	1.024	0.209
6.0	30JUL85	16	235	137	182	2.048	0.336
6.0	27AUG85	13	285	143	202	1.664	0.326
6.0	24SEP85	79	308	123	213	5.056	1.068
6.0	22OCT85	241	331	137	222	3.856	0.876
6.0	15MAY86	108	393	116	231	3.456	0.850
6.0	25JUN86	92	306	110	199	3.926	0.745
6.0	23JUL86	54	321	103	169	2.304	0.337
6.0	27AUG86	125	216	78	129	8.000	0.748
6.0	24SEP86	157	216	78	139	10.048	1.057
6.0	16OCT86	132	270	78	153	4.224	0.523
6.0	22MAY87	69	321	130	198	4.416	0.836
6.0	25JUN87	45	277	108	179	2.880	0.460
6.0	23JUL87	70	285	115	182	3.360	0.553
6.0	20AUG87	80	270	108	182	5.120	0.839
6.0	15SEP87	102	244	72	156	1.632	0.211
6.0	22OCT87	43	273	108	178	2.064	0.327
7.0	08MAY85	158	331	123	217	8.426	1.853
7.0	05JUN85	130	371	154	253	8.320	2.337
7.0	04JUL85	53	331	143	219	3.392	0.764
7.0	31JUL85	62	292	137	201	3.968	0.766
7.0	28AUG85	48	270	143	187	1.536	0.264
7.0	25SEP85	45	308	132	202	1.440	0.281
7.0	23OCT85	104	308	132	192	1.664	0.298
7.0	14MAY86	184	306	120	181	5.888	0.965

Table 2h. Density, biomass and length data estimated from 0-50 m Scop samples for nauplii.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
7.0	24JUN86	38	283	127	177	4.864	0.764
7.0	22JUL86	87	278	95	166	2.784	0.396
7.0	26AUG86	46	193	70	116	2.944	0.232
7.0	23SEP86	34	285	78	117	2.176	0.179
7.0	18OCT86	170	224	62	124	3.626	0.322
7.0	21MAY87	52	270	122	190	1.248	0.221
7.0	23JUN87	81	270	115	182	2.592	0.428
7.0	21JUL87	48	1039	115	189	1.789	0.317
7.0	19AUG87	73	314	100	165	2.336	0.329
7.0	16SEP87	50	268	104	162	0.800	0.110
7.0	21OCT87	40	233	84	160	1.920	0.257
8.0	07MAY85	124	347	127	209	3.968	0.828
8.0	04JUN85	160	363	118	222	2.560	0.587
8.0	03JUL85	91	323	127	210	5.824	1.218
8.0	30JUL85	65	277	132	201	4.160	0.803
8.0	27AUG85	120	339	154	205	7.680	1.533
8.0	24SEP85	265	300	118	190	4.240	0.744
8.0	22OCT85	235	323	118	194	3.760	0.683
8.0	16MAY86	108	276	105	185	6.912	1.177
8.0	26JUN86	66	321	127	177	8.448	1.333
8.0	24JUL86	100	256	88	158	6.400	0.834
8.0	28AUG86	84	185	70	125	5.376	0.477
8.0	25SEP86	94	208	78	125	6.016	0.534
8.0	17OCT86	118	254	55	136	7.552	0.790
8.0	20MAY87	119	314	130	202	3.808	0.741
8.0	24JUN87	80	285	144	197	5.120	0.950
8.0	22JUL87	65	277	100	186	3.120	0.532
8.0	18AUG87	67	211	100	152	2.546	0.311
8.0	17SEP87	51	200	91	140	2.448	0.262
8.0	20OCT87	80	255	106	153	3.840	0.472
9.0	07MAY85	155	339	123	224	2.480	0.574
9.0	04JUN85	120	339	132	226	3.840	0.903
9.0	03JUL85	58	331	132	217	3.712	0.815
9.0	30JUL85	51	315	159	206	3.264	0.653
9.0	27AUG85	112	315	137	195	7.168	1.316
9.0	24SEP85	82	285	143	206	5.248	1.053
9.0	22OCT85	274	308	127	223	4.384	1.009
9.0	15MAY86	154	336	125	208	6.571	1.351
9.0	25JUN86	254	254	98	158	8.128	1.056
9.0	23JUL86	90	263	95	167	11.520	1.646
9.0	27AUG86	86	216	78	118	5.504	0.445
9.0	24SEP86	190	224	70	129	12.160	1.141
9.0	16OCT86	310	239	70	143	9.920	1.100
9.0	22MAY87	104	314	108	190	11.440	2.033
9.0	25JUN87	63	255	144	194	4.032	0.730
9.0	23JUL87	63	299	100	188	3.024	0.524

Table 2h. Density, biomass and length data estimated from 0-50 m Scop samples for nauplii.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
9.0	20AUG87	83	285	115	166	3.984	0.566
9.0	15SEP87	82	261	88	151	3.936	0.481
9.0	22OCT87	86	305	100	161	4.128	0.561

Table 2i. Density, biomass and length data estimated from 0-50 m Scop samples for *Polyphemus* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·m ⁻³	Biomass mg·m ⁻³
4.0	20AUG87	2	705	690	698	110.000	.
5.0	27AUG85	1	1290	1290	1290	14.220	.
5.0	17SEP87	1	1077	1077	1077	0.160	.
6.0	03JUL85	1	1249	1249	1249	12.800	.
6.0	27AUG85	1	599	599	599	128.000	.
7.0	21JUL87	1	1039	1039	1039	2.560	.
7.0	16SEP87	1	551	551	551	5.650	.
9.0	27AUG86	1	1100	1100	1100	6.400	.
9.0	20AUG87	1	1019	1019	1019	1.280	.

Table 2j. Density, biomass and length data estimated from 0-50 m Scor samples for *Scapholeberis* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • m ⁻³	Biomass mg • m ⁻³
7.0	24JUN86	1	1183	1183	1183	8.530	0.150

Table 3a. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Bosminidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	22JUL86	31	713	331	522	0.568	2.463
1.0	24AUG86	43	733	338	524	0.448	1.970
1.0	25SEP86	84	779	318	465	0.500	1.677
1.0	10MAY88	5	485	449	469	0.111	0.365
1.0	12JUL88	14	619	350	473	0.467	1.650
1.0	16AUG88	35	679	340	521	1.000	4.332
1.0	14SEP88	55	723	349	555	0.733	3.630
1.0	11OCT88	67	777	377	574	0.496	2.674
1.0	20JUN90	2	606	513	528	0.020	0.085
1.0	20JUL90	8	568	448	498	0.178	0.672
1.0	24AUG90	58	651	228	448	0.744	2.298
1.0	20SEP90	57	720	241	446	0.345	1.086
1.0	26OCT90	45	723	239	424	1.370	3.822
2.0	22JUL86	46	686	378	520	1.027	4.359
2.0	24AUG86	72	1009	338	502	0.487	1.959
2.0	26SEP86	59	572	358	445	0.117	0.349
3.0	23JUL86	32	726	398	521	0.533	2.292
3.0	25AUG86	100	733	331	529	0.879	3.932
3.0	25SEP86	175	666	325	478	1.296	4.632
3.0	11MAY88	4	476	424	451	0.267	0.807
3.0	08JUN88	5	739	406	578	0.333	1.830
3.0	13JUL88	6	632	370	465	0.300	1.028
3.0	17AUG88	41	671	312	502	1.367	5.443
3.0	15SEP88	53	714	365	533	0.589	2.661
3.0	12OCT88	99	742	379	550	1.320	6.375
3.0	21JUN90	3	629	379	409	0.138	0.342
3.0	19JUL90	14	613	332	434	0.406	1.210
3.0	23AUG90	64	688	253	440	0.570	1.719
3.0	19SEP90	174	720	242	430	2.843	8.059
3.0	25OCT90	77	662	239	434	0.433	1.253
4.0	23JUL86	53	1089	345	485	1.164	4.298
4.0	25AUG86	72	1169	331	517	0.714	3.050
4.0	26SEP86	246	713	305	482	0.972	3.507
4.0	09JUN88	1	395	395	395	0.067	0.149
4.0	14JUL88	11	579	436	508	0.550	2.185
4.0	18AUG88	35	730	269	506	1.167	4.803
4.0	16SEP88	29	672	346	527	0.967	4.308
4.0	13OCT88	91	723	348	566	1.011	5.198
4.0	18MAY90	1	441	441	441	0.100	0.286
4.0	22JUN90	17	715	355	537	0.553	2.578
4.0	18JUL90	21	731	310	426	1.311	3.652
4.0	22AUG90	92	734	209	476	1.458	5.197
4.0	21SEP90	61	707	288	430	0.329	0.963
4.0	24OCT90	94	700	237	430	0.750	2.138
5.0	23JUL86	15	1265	271	487	0.187	0.768
5.0	25AUG86	129	930	291	479	0.928	3.351

Table 3a. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Bosminidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
5.0	25SEP86	197	679	278	506	1.552	6.187
5.0	11MAY88	4	482	413	449	0.133	0.399
5.0	08JUN88	12	630	377	531	0.800	3.522
5.0	13JUL88	14	662	265	398	0.467	1.131
5.0	17AUG88	75	603	246	453	2.500	7.931
5.0	15SEP88	79	689	336	526	1.317	5.754
5.0	12OCT88	86	675	398	529	1.433	6.340
5.0	18MAY90	7	608	390	474	0.274	0.945
5.0	21JUN90	4	662	286	331	0.037	0.063
5.0	19JUL90	52	466	191	312	1.156	1.612
5.0	23AUG90	53	618	255	381	0.827	1.831
5.0	19SEP90	140	683	220	435	7.962	23.307
5.0	25OCT90	65	676	247	414	0.563	1.472
6.0	23JUL86	18	606	352	462	0.402	1.312
6.0	25AUG86	25	652	358	510	0.161	0.652
6.0	26SEP86	17	967	358	518	0.087	0.392
7.0	10MAY88	2	637	451	544	0.033	0.158
7.0	12JUL88	5	671	395	533	0.111	0.516
7.0	16AUG88	80	666	336	486	1.778	6.543
7.0	14SEP88	52	738	337	528	0.693	3.061
7.0	11OCT88	83	877	261	561	0.692	3.528
7.0	20JUN90	8	724	310	394	0.226	0.558
7.0	20JUL90	15	616	360	471	0.475	1.631
7.0	24AUG90	93	678	224	455	1.550	5.177
7.0	20SEP90	67	614	256	415	0.253	0.658
7.0	26OCT90	39	555	306	422	0.289	0.778
8.0	16MAY90	2	463	419	441	0.067	0.191
8.0	19JUN90	4	708	360	381	0.207	0.446
8.0	17JUL90	11	586	358	454	0.733	2.302
8.0	21AUG90	55	650	269	472	0.606	2.110
8.0	18SEP90	71	764	273	452	0.341	1.126
8.0	23OCT90	60	683	264	421	0.588	1.594
8.1	16MAY90	5	543	505	520	0.500	2.072
8.1	19JUN90	5	532	293	422	0.333	0.907
8.1	17JUL90	14	678	304	438	0.833	2.473
8.1	21AUG90	55	643	267	431	0.586	1.703
8.1	18SEP90	60	591	217	445	0.333	1.009
8.1	23OCT90	54	623	293	415	0.408	1.051
9.0	12MAY88	6	470	388	428	0.133	0.359
9.0	09JUN88	2	572	511	541	0.133	0.606
9.0	14JUL88	6	602	379	473	0.400	1.411
9.0	18AUG88	16	666	368	510	0.533	2.186
9.0	16SEP88	46	655	275	527	1.022	4.497
9.0	13OCT88	90	711	372	529	1.500	6.697
9.0	17MAY90	1	445	445	445	0.017	0.049
9.0	22JUN90	9	686	332	442	0.471	1.505

Table 3a. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Bosminidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
9.0	18JUL90	7	763	361	459	0.417	1.367
9.0	22AUG90	65	705	260	425	1.037	2.898
9.0	21SEP90	99	681	223	438	1.061	3.141
9.0	24OCT90	69	655	228	391	0.456	1.042

Table 3b. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Cyclopidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
1.0	22JUL86	561	1313	231	693	4.414	13.187
1.0	24AUG86	545	1377	456	843	3.314	14.085
1.0	25SEP86	526	1313	372	925	1.981	9.971
1.0	10MAY88	65	1464	312	534	1.143	2.126
1.0	07JUN88	61	1624	262	483	2.524	3.987
1.0	12JUL88	134	1285	298	660	2.954	8.012
1.0	16AUG88	118	1213	444	808	2.643	10.313
1.0	14SEP88	140	1199	354	865	1.035	4.598
1.0	11OCT88	131	1201	368	932	0.616	3.142
1.0	17MAY90	133	1235	324	572	1.332	2.859
1.0	20JUN90	194	1159	293	576	1.290	2.800
1.0	20JUL90	120	1174	336	657	1.347	3.634
1.0	24AUG90	140	1090	293	669	1.074	3.094
1.0	20SEP90	88	1078	366	677	0.533	1.534
1.0	26OCT90	280	953	292	566	3.863	7.824
2.0	22JUL86	526	1393	305	757	4.680	16.982
2.0	24AUG86	629	1345	352	804	2.650	10.397
2.0	26SEP86	881	1329	322	808	0.850	3.367
3.0	23JUL86	600	1361	345	687	6.128	18.695
3.0	25AUG86	548	1409	345	818	2.260	9.260
3.0	25SEP86	742	1377	358	826	2.511	10.365
3.0	11MAY88	50	1192	363	568	2.211	4.573
3.0	08JUN88	61	1239	313	532	3.737	6.862
3.0	13JUL88	119	1216	360	685	2.424	7.245
3.0	17AUG88	77	1216	351	768	1.872	6.683
3.0	15SEP88	101	1345	347	815	0.848	3.435
3.0	12OCT88	108	1177	405	892	0.931	4.406
3.0	18MAY90	114	1214	278	554	1.988	3.964
3.0	21JUN90	81	1041	309	504	1.585	2.648
3.0	19JUL90	67	1098	331	517	0.950	1.577
3.0	23AUG90	95	1077	318	622	0.421	1.025
3.0	19SEP90	61	1074	325	788	0.617	2.309
3.0	25OCT90	113	1105	283	548	0.365	0.699
4.0	23JUL86	413	1409	305	692	4.791	14.870
4.0	25AUG86	711	1361	372	801	3.078	12.177
4.0	26SEP86	396	1393	365	751	0.671	2.316
4.0	09JUN88	60	1335	301	616	2.350	5.754
4.0	14JUL88	102	1172	333	607	2.387	5.608
4.0	18AUG88	92	1209	300	694	1.882	5.729
4.0	16SEP88	102	1228	446	881	2.543	11.529
4.0	13OCT88	79	1218	313	868	0.567	2.574
4.0	18MAY90	84	1137	341	529	1.938	3.720
4.0	22JUN90	75	1112	301	542	2.294	4.485
4.0	18JUL90	45	1128	344	648	1.311	3.491
4.0	22AUG90	71	1056	326	677	0.725	2.090
4.0	21SEP90	56	1073	267	587	0.203	0.463

Table 3b. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Cyclopidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
4.0	24OCT90	124	1150	280	600	0.528	1.201
5.0	23JUL86	803	1393	325	752	5.260	18.694
5.0	25AUG86	630	1377	211	848	2.455	10.718
5.0	25SEP86	817	1575	225	820	2.681	10.940
5.0	11MAY88	59	1145	303	652	1.771	4.712
5.0	08JUN88	60	1101	273	472	3.478	5.041
5.0	13JUL88	86	1155	341	610	2.090	4.907
5.0	17AUG88	53	1104	285	737	1.553	5.091
5.0	15SEP88	46	1183	432	814	0.624	2.458
5.0	12OCT88	80	1152	333	890	0.607	2.865
5.0	18MAY90	118	1098	332	490	1.136	1.772
5.0	21JUN90	103	1106	300	494	0.598	0.986
5.0	19JUL90	58	1074	309	558	0.571	1.154
5.0	23AUG90	45	1238	270	518	0.316	0.573
5.0	19SEP90	44	957	553	685	0.476	1.326
5.0	25OCT90	232	928	291	632	0.834	2.059
6.0	23JUL86	496	1377	325	648	5.843	15.441
6.0	25AUG86	863	1386	365	845	2.359	10.222
6.0	26SEP86	719	1505	231	911	1.171	5.882
7.0	10MAY88	70	1105	348	562	1.071	2.143
7.0	07JUN88	53	1160	250	449	2.411	3.229
7.0	12JUL88	127	1168	355	634	1.938	4.817
7.0	16AUG88	124	1108	294	695	2.581	7.531
7.0	14SEP88	82	1117	322	814	0.849	3.362
7.0	11OCT88	85	1176	396	894	0.590	2.792
7.0	17MAY90	199	1180	308	572	1.403	3.127
7.0	20JUN90	72	1213	276	506	1.169	2.081
7.0	20JUL90	148	1098	319	579	2.208	4.723
7.0	24AUG90	112	1085	287	679	1.867	5.389
7.0	20SEP90	55	1035	339	533	0.099	0.181
7.0	26OCT90	271	1096	281	513	0.518	0.872
8.0	12MAY88	40	1152	349	617	0.781	1.918
8.0	16MAY90	76	1132	327	493	0.743	1.186
8.0	19JUN90	59	1152	268	524	1.207	2.292
8.0	17JUL90	54	1044	310	597	1.400	3.203
8.0	21AUG90	94	1094	326	738	0.924	3.059
8.0	18SEP90	65	1108	308	638	0.204	0.545
8.0	23OCT90	124	966	319	518	0.412	0.700
8.1	16MAY90	157	1048	244	535	3.648	6.791
8.1	19JUN90	78	1085	294	588	2.000	4.527
8.1	17JUL90	80	1130	330	658	2.233	6.108
8.1	21AUG90	107	1130	338	691	0.643	1.918
8.1	18SEP90	152	1123	320	738	0.434	1.459
8.1	23OCT90	114	1051	294	509	0.367	0.614
9.0	12MAY88	64	1085	314	565	1.013	2.143
9.0	09JUN88	77	1174	283	514	3.483	6.040

Table 3b. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Cyclopidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
9.0	14JUL88	102	1187	347	622	2.774	6.855
9.0	18AUG88	119	1148	311	790	2.585	9.730
9.0	16SEP88	59	1125	338	818	1.095	4.402
9.0	13OCT88	63	1249	301	740	0.576	2.001
9.0	17MAY90	87	1121	318	531	0.382	0.733
9.0	22JUN90	82	1158	267	544	2.629	5.136
9.0	18JUL90	65	946	319	570	1.883	3.916
9.0	22AUG90	65	1107	345	614	0.541	1.317
9.0	21SEP90	110	1095	388	693	0.694	2.048
9.0	24OCT90	118	1154	286	669	0.356	1.040

Table 3c. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Daphnia* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	22JUL86	355	1431	525	856	1.162	7.030
1.0	24AUG86	470	1399	458	921	1.897	12.937
1.0	25SEP86	409	1559	405	1036	1.201	9.770
1.0	10MAY88	12	1396	1075	1243	0.008	0.085
1.0	07JUN88	52	1359	1014	1134	0.035	0.320
1.0	12JUL88	137	1457	540	905	0.450	2.975
1.0	16AUG88	186	1567	590	976	2.186	16.273
1.0	14SEP88	141	1703	265	1021	0.664	5.438
1.0	11OCT88	117	1802	777	1364	0.376	4.694
1.0	17MAY90	9	847	389	527	0.177	0.500
1.0	20JUN90	4	1247	596	750	0.026	0.132
1.0	20JUL90	31	1403	606	994	0.258	1.975
1.0	24AUG90	56	1566	582	1109	0.347	3.169
1.0	20SEP90	72	1505	544	1048	0.436	3.642
1.0	26OCT90	3	901	780	825	0.022	0.125
2.0	22JUL86	415	1415	559	890	2.221	14.316
2.0	24AUG86	361	1559	519	938	0.971	6.779
2.0	26SEP86	27	1320	465	819	0.017	0.095
3.0	23JUL86	391	1447	539	969	1.871	13.746
3.0	25AUG86	348	1399	552	898	1.082	7.047
3.0	25SEP86	75	1559	619	984	0.126	0.939
3.0	11MAY88	23	1370	540	628	0.147	0.558
3.0	08JUN88	44	1406	588	788	0.557	2.964
3.0	13JUL88	120	1544	604	836	0.638	3.772
3.0	17AUG88	199	1497	590	974	2.133	15.783
3.0	15SEP88	176	1652	465	1051	0.881	7.425
3.0	12OCT88	136	1717	866	1332	0.738	8.839
3.0	18MAY90	1	601	601	601	0.006	0.020
3.0	21JUN90	42	1309	545	820	0.338	1.959
3.0	19JUL90	102	1608	519	893	0.406	2.703
3.0	23AUG90	135	1503	490	926	0.424	2.953
3.0	19SEP90	131	1442	484	914	1.298	8.766
3.0	25OCT90	4	1120	635	824	0.003	0.015
4.0	23JUL86	500	1368	485	930	2.693	18.598
4.0	25AUG86	200	1399	552	941	0.619	4.322
4.0	26SEP86	188	1447	559	907	0.160	1.050
4.0	09JUN88	31	1328	557	808	0.153	0.857
4.0	14JUL88	46	1273	535	721	0.129	0.610
4.0	18AUG88	185	1562	456	935	1.908	13.347
4.0	16SEP88	177	1726	682	1076	2.352	20.339
4.0	13OCT88	163	1830	892	1316	0.559	6.582
4.0	22JUN90	57	1384	653	940	0.671	4.665
4.0	18JUL90	92	1432	575	1061	2.089	17.655
4.0	22AUG90	56	1481	446	845	0.525	3.191
4.0	21SEP90	57	1472	491	822	0.161	0.934
4.0	24OCT90	14	1128	518	769	0.050	0.259

Table 3c. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Daphnia* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. · L ⁻¹	Biomass mg · m ⁻³
5.0	23JUL86	153	1447	586	896	0.583	3.802
5.0	25AUG86	364	1399	485	925	1.182	8.068
5.0	25SEP86	109	1479	485	909	0.211	1.419
5.0	11MAY88	33	1415	579	731	0.087	0.426
5.0	08JUN88	75	1343	473	759	0.694	3.524
5.0	13JUL88	162	1456	462	847	0.579	3.492
5.0	17AUG88	222	1585	465	955	2.573	18.702
5.0	15SEP88	208	1655	506	1050	1.467	12.330
5.0	12OCT88	145	1699	790	1218	0.641	6.694
5.0	18MAY90	20	813	514	575	0.179	0.573
5.0	21JUN90	7	1290	781	973	0.012	0.090
5.0	19JUL90	76	1434	576	888	0.424	2.727
5.0	23AUG90	126	1514	456	909	0.378	2.568
5.0	19SEP90	127	1674	549	878	1.324	8.376
5.0	25OCT90	6	1001	645	874	0.004	0.025
6.0	23JUL86	416	1320	545	875	1.185	7.438
6.0	25AUG86	69	1240	525	851	0.192	1.147
6.0	26SEP86	14	1192	552	856	0.021	0.128
7.0	10MAY88	29	1323	522	871	0.051	0.326
7.0	07JUN88	43	1365	558	681	0.227	0.970
7.0	12JUL88	179	1482	579	866	0.335	2.078
7.0	16AUG88	264	1660	534	898	2.654	17.495
7.0	14SEP88	215	1589	564	1005	1.370	10.750
7.0	11OCT88	159	1738	548	1262	0.831	9.159
7.0	17MAY90	5	1313	603	865	0.005	0.033
7.0	20JUN90	27	1328	592	880	0.200	1.281
7.0	20JUL90	49	1363	531	979	0.433	3.264
7.0	24AUG90	172	1619	501	1016	2.867	22.873
7.0	20SEP90	36	1347	475	786	0.031	0.163
7.0	26OCT90	25	1062	598	742	0.023	0.113
8.0	12MAY88	12	1274	861	918	0.030	0.197
8.0	16MAY90	1	534	534	534	0.033	0.094
8.0	19JUN90	36	1397	556	881	0.326	2.092
8.0	17JUL90	48	1480	579	1070	0.850	7.321
8.0	21AUG90	57	1383	483	891	0.548	3.557
8.0	18SEP90	57	1344	502	889	0.137	0.881
8.0	23OCT90	9	1031	655	846	0.011	0.066
8.1	16MAY90	1	591	591	591	0.100	0.332
8.1	19JUN90	55	1246	551	923	0.787	5.352
8.1	17JUL90	27	1267	511	747	0.600	2.985
8.1	21AUG90	43	1681	589	941	0.217	1.557
8.1	18SEP90	25	1346	621	949	0.062	0.438
8.1	23OCT90	11	1046	601	757	0.014	0.071
9.0	12MAY88	10	1422	562	726	0.071	0.336
9.0	09JUN88	78	1367	607	748	0.514	2.516
9.0	14JUL88	87	1394	424	697	0.388	1.729

Table 3c. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Daphnia* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
9.0	18AUG88	158	1599	577	1038	1.205	9.862
9.0	16SEP88	212	1518	490	1065	2.616	22.355
9.0	13OCT88	158	1612	873	1224	0.421	4.428
9.0	17MAY90	1	607	607	607	0.002	0.006
9.0	22JUN90	37	1327	478	821	0.614	3.522
9.0	18JUL90	55	1363	650	933	0.917	6.331
9.0	22AUG90	40	1388	468	845	0.240	1.446
9.0	21SEP90	12	1442	649	959	0.067	0.484
9.0	24OCT90	4	1005	744	897	0.009	0.057

Table 3d. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Diaptomidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
1.0	22JUL86	317	1009	198	629	5.925	12.530
1.0	24AUG86	112	1153	606	776	1.167	3.498
1.0	25SEP86	64	967	392	782	0.382	1.168
1.0	10MAY88	124	1013	265	537	2.734	4.820
1.0	07JUN88	203	1009	312	475	20.101	26.584
1.0	12JUL88	92	890	309	632	3.067	6.536
1.0	16AUG88	38	1015	591	718	1.064	2.779
1.0	14SEP88	74	945	605	739	0.987	2.690
1.0	11OCT88	65	899	230	689	0.481	1.161
1.0	17MAY90	212	1026	249	448	4.236	5.167
1.0	20JUN90	138	946	250	518	1.005	1.547
1.0	20JUL90	189	772	331	605	2.450	4.823
1.0	24AUG90	79	832	553	669	0.522	1.204
1.0	20SEP90	111	910	327	713	0.673	1.601
1.0	26OCT90	12	929	511	659	0.141	0.314
2.0	22JUL86	281	1256	338	673	6.196	14.671
2.0	24AUG86	103	1089	418	739	0.739	2.052
2.0	26SEP86	82	1153	372	684	0.159	0.395
3.0	23JUL86	244	1160	372	672	3.985	9.427
3.0	25AUG86	208	1089	345	745	1.764	4.951
3.0	25SEP86	139	1217	378	791	0.914	2.846
3.0	11MAY88	154	1189	302	468	10.201	13.555
3.0	08JUN88	118	926	236	505	7.867	11.791
3.0	13JUL88	139	1065	334	646	6.853	15.026
3.0	17AUG88	74	857	516	690	2.467	6.023
3.0	15SEP88	51	869	475	694	0.567	1.403
3.0	12OCT88	190	904	473	746	2.533	6.751
3.0	18MAY90	256	1004	237	388	12.047	11.330
3.0	21JUN90	176	1000	324	466	5.395	6.886
3.0	19JUL90	142	833	337	569	1.861	3.250
3.0	23AUG90	90	896	556	668	0.327	0.751
3.0	19SEP90	59	948	310	696	0.590	1.426
3.0	25OCT90	146	922	329	686	0.293	0.696
4.0	23JUL86	346	1153	352	682	7.401	17.983
4.0	25AUG86	254	1137	378	727	2.530	6.790
4.0	26SEP86	130	1153	392	791	0.407	1.270
4.0	09JUN88	153	935	251	466	10.200	13.304
4.0	14JUL88	158	863	400	624	7.900	16.240
4.0	18AUG88	87	814	500	676	2.900	6.894
4.0	16SEP88	76	852	588	718	2.533	6.612
4.0	13OCT88	119	952	621	777	1.322	3.852
4.0	18MAY90	252	1902	238	423	9.138	10.455
4.0	22JUN90	186	1006	259	477	8.718	11.453
4.0	18JUL90	206	846	319	575	8.756	15.786
4.0	22AUG90	136	943	510	663	1.300	2.939
4.0	21SEP90	147	876	309	641	0.402	0.816

Table 3d. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Diaptomidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
4.0	24OCT90	117	906	342	701	0.358	0.824
5.0	23JUL86	223	1105	392	684	3.138	7.611
5.0	25AUG86	79	1153	485	774	0.515	1.548
5.0	25SEP86	97	1185	432	797	0.671	2.124
5.0	11MAY88	182	1090	315	524	5.969	9.596
5.0	08JUN88	155	1019	224	471	10.203	13.501
5.0	13JUL88	106	854	325	649	3.533	7.729
5.0	17AUG88	38	901	534	661	1.267	2.884
5.0	15SEP88	36	951	507	739	0.600	1.639
5.0	12OCT88	82	918	405	746	1.367	3.667
5.0	18MAY90	206	1009	299	397	5.336	5.225
5.0	21JUN90	182	946	293	481	1.199	1.649
5.0	19JUL90	128	1039	313	645	0.879	1.944
5.0	23AUG90	80	907	286	496	0.535	0.779
5.0	19SEP90	55	963	610	749	0.524	1.358
5.0	25OCT90	32	950	384	621	0.114	0.238
6.0	23JUL86	398	1121	331	644	8.464	18.630
6.0	25AUG86	251	924	358	727	1.580	4.250
6.0	26SEP86	313	1201	525	802	1.401	4.447
7.0	10MAY88	123	1079	270	447	2.018	2.476
7.0	07JUN88	305	1039	274	426	20.201	22.050
7.0	12JUL88	158	891	349	627	3.511	7.326
7.0	16AUG88	50	899	569	697	1.111	2.762
7.0	14SEP88	36	876	646	737	0.480	1.303
7.0	11OCT88	60	902	354	724	0.500	1.316
7.0	17MAY90	177	988	268	406	3.223	3.235
7.0	20JUN90	227	967	300	479	5.779	7.758
7.0	20JUL90	150	817	358	593	2.225	4.240
7.0	24AUG90	30	911	529	720	0.500	1.249
7.0	20SEP90	68	897	335	636	0.055	0.110
7.0	26OCT90	73	907	335	505	0.130	0.192
8.0	12MAY88	151	941	316	472	3.356	4.595
8.0	16MAY90	259	991	215	419	2.831	3.042
8.0	19JUN90	243	946	304	505	6.719	9.771
8.0	17JUL90	236	864	420	584	8.233	15.220
8.0	21AUG90	123	908	523	666	1.202	2.752
8.0	18SEP90	94	915	302	669	0.232	0.502
8.0	23OCT90	140	956	337	576	0.304	0.545
8.1	16MAY90	181	1018	274	448	7.417	8.852
8.1	19JUN90	245	974	289	482	9.880	13.552
8.1	17JUL90	212	900	368	591	6.483	12.259
8.1	21AUG90	125	921	474	658	0.722	1.608
8.1	18SEP90	84	878	274	653	0.235	0.486
8.1	23OCT90	147	955	338	630	0.283	0.578
9.0	12MAY88	200	1018	255	460	4.423	5.863
9.0	09JUN88	327	1048	253	425	21.470	24.046

Table 3d. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Diaptomidae* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
9.0	14JUL88	147	825	349	637	9.800	20.971
9.0	18AUG88	115	793	544	683	3.833	9.224
9.0	16SEP88	51	832	608	704	1.133	2.859
9.0	13OCT88	94	920	361	756	1.567	4.222
9.0	17MAY90	245	1019	285	434	1.526	1.751
9.0	22JUN90	322	1023	294	455	20.543	25.274
9.0	18JUL90	216	863	314	573	7.150	12.850
9.0	22AUG90	150	893	411	661	0.919	2.030
9.0	21SEP90	119	870	370	678	0.694	1.521
9.0	24OCT90	157	959	347	756	0.358	0.904

Table 3e. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Epischura* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	22JUL86	5	1984	1009	1503	0.004	0.065
1.0	24AUG86	3	1783	1169	1546	0.007	0.107
1.0	25SEP86	33	2032	1240	1678	0.070	1.212
1.0	07JUN88	1	1507	1507	1507	0.001	0.009
1.0	12JUL88	19	2040	598	828	0.087	0.466
1.0	16AUG88	6	1800	637	1133	0.064	0.595
1.0	14SEP88	9	1802	524	943	0.056	0.370
1.0	11OCT88	2	1769	1682	1726	0.006	0.110
1.0	17MAY90	1	787	787	787	0.005	0.018
1.0	20JUL90	2	1459	418	938	0.001	0.009
1.0	20SEP90	6	1659	557	844	0.036	0.191
1.0	26OCT90	10	1432	671	1048	0.074	0.529
2.0	22JUL86	15	1888	1009	1439	0.036	0.465
2.0	24AUG86	12	1911	1463	1762	0.017	0.314
2.0	26SEP86	18	1799	933	1123	0.008	0.066
3.0	23JUL86	15	1824	1016	1371	0.050	0.591
3.0	25AUG86	9	2000	1137	1482	0.010	0.141
3.0	25SEP86	107	1984	900	1487	0.105	1.473
3.0	08JUN88	2	1442	1358	1400	0.001	0.016
3.0	13JUL88	10	1783	1054	1452	0.017	0.226
3.0	17AUG88	12	1926	615	1098	0.122	1.042
3.0	15SEP88	18	2080	411	1263	0.089	1.018
3.0	12OCT88	11	2002	783	1476	0.073	1.063
3.0	21JUN90	31	1857	606	1299	0.159	1.836
3.0	19JUL90	5	786	382	467	0.044	0.068
3.0	23AUG90	3	1090	739	956	0.009	0.051
3.0	19SEP90	14	1974	464	899	0.169	1.108
3.0	25OCT90	17	1469	749	1100	0.031	0.236
4.0	23JUL86	8	2016	1712	1866	0.025	0.537
4.0	25AUG86	27	1872	1041	1510	0.038	0.549
4.0	26SEP86	241	1920	950	1368	0.058	0.688
4.0	14JUL88	8	1958	1025	1355	0.005	0.063
4.0	18AUG88	7	1962	598	1182	0.064	0.692
4.0	16SEP88	6	1891	937	1337	0.081	0.964
4.0	13OCT88	4	1953	1202	1581	0.013	0.212
4.0	22JUN90	2	1601	756	1179	0.024	0.226
4.0	18JUL90	6	1699	607	1292	0.004	0.044
4.0	22AUG90	18	1677	419	902	0.158	0.884
4.0	21SEP90	15	1551	417	894	0.047	0.275
4.0	24OCT90	23	1594	691	1132	0.064	0.534
5.0	23JUL86	9	1441	840	1047	0.028	0.194
5.0	25AUG86	12	1927	1048	1498	0.022	0.308
5.0	25SEP86	91	1984	973	1570	0.088	1.366
5.0	08JUN88	129	1604	519	827	0.640	3.034
5.0	13JUL88	19	1897	1005	1367	0.019	0.222
5.0	17AUG88	2	1916	1022	1469	0.013	0.191

Table 3e. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Epischura* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • L ⁻¹	Biomass mg • m ⁻³
5.0	15SEP88	13	1909	496	1233	0.086	0.929
5.0	12OCT88	11	2043	1345	1771	0.041	0.785
5.0	21JUN90	42	1684	312	612	0.163	0.483
5.0	19JUL90	11	690	423	537	0.125	0.234
5.0	23AUG90	17	1866	598	1061	0.059	0.483
5.0	19SEP90	15	1832	760	1269	0.143	1.524
5.0	25OCT90	8	1454	863	1219	0.020	0.184
6.0	23JUL86	8	1735	1048	1394	0.010	0.128
6.0	25AUG86	27	1984	1016	1529	0.024	0.356
6.0	26SEP86	51	1936	813	1111	0.056	0.445
7.0	12JUL88	5	1876	1023	1541	0.003	0.050
7.0	16AUG88	5	1999	1513	1819	0.024	0.481
7.0	14SEP88	5	2021	1565	1770	0.020	0.376
7.0	11OCT88	1	1789	1789	1789	0.005	0.099
7.0	20JUL90	2	865	628	747	0.001	0.005
7.0	24AUG90	5	1894	626	1167	0.083	0.818
7.0	20SEP90	14	1331	456	662	0.016	0.047
7.0	26OCT90	6	1228	606	893	0.004	0.021
8.0	19JUN90	8	1675	783	1183	0.059	0.550
8.0	17JUL90	1	1524	1524	1524	0.001	0.009
8.0	21AUG90	6	1716	609	1151	0.057	0.514
8.0	18SEP90	49	1810	425	751	0.149	0.609
8.0	23OCT90	12	1668	486	710	0.035	0.129
8.1	19JUN90	6	1539	897	1184	0.080	0.710
8.1	21AUG90	5	1774	447	897	0.037	0.244
8.1	18SEP90	20	1368	431	823	0.056	0.256
8.1	23OCT90	7	1439	602	969	0.009	0.058
9.0	09JUN88	2	1071	384	391	0.067	0.068
9.0	14JUL88	11	2011	856	913	0.073	0.400
9.0	18AUG88	5	1863	1780	1833	0.026	0.522
9.0	16SEP88	19	1880	486	1199	0.244	2.538
9.0	13OCT88	12	1748	1010	1432	0.028	0.357
9.0	22JUN90	16	1631	612	1308	0.011	0.116
9.0	18JUL90	2	1888	1091	1490	0.001	0.019
9.0	22AUG90	19	1905	451	948	0.121	0.802
9.0	21SEP90	19	1513	480	868	0.122	0.633
9.0	24OCT90	8	1586	820	1284	0.018	0.186

Table 3f. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Holopedium* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·m ⁻³	Biomass mg·m ⁻³
1.0	14SEP88	1	739	739	739	13.333	0.055
1.0	11OCT88	6	1194	569	827	31.313	0.229
1.0	17MAY90	1	250	250	250	50.000	0.006
1.0	20JUL90	1	648	648	648	8.333	0.022
1.0	24AUG90	4	948	400	792	2.667	0.017
1.0	20SEP90	4	1086	668	950	2.667	0.027
3.0	15SEP88	1	1077	1077	1077	3.704	0.051
3.0	12OCT88	1	861	861	861	13.333	0.090
3.0	21JUN90	4	809	663	756	20.513	0.093
3.0	19JUL90	2	644	326	350	36.111	0.017
3.0	19SEP90	1	1272	1272	1272	9.524	0.224
4.0	13OCT88	1	871	871	871	11.111	0.077
4.0	22AUG90	1	856	856	856	8.333	0.055
5.0	15SEP88	2	1227	1105	1166	9.524	0.171
5.0	12OCT88	1	623	623	623	16.667	0.040
5.0	18MAY90	1	513	513	513	66.667	0.085
5.0	23AUG90	3	984	615	809	2.000	0.012
6.0	23JUL86	1	900	900	900	22.333	0.173
7.0	11OCT88	1	855	855	855	8.333	0.055
7.0	20JUN90	1	803	803	803	0.667	0.004
7.0	20JUL90	2	674	652	663	1.333	0.004
7.0	24AUG90	1	618	618	618	16.667	0.039
8.0	18SEP90	1	732	732	732	0.667	0.003
8.1	19JUN90	1	366	366	366	66.667	0.029
8.1	23OCT90	1	836	836	836	1.307	0.008
9.0	14JUL88	1	1039	1039	1039	0.667	0.008
9.0	22JUN90	2	842	788	815	1.333	0.008

Table 3g. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Leptodora* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No. • m ⁻³	Biomass mg • m ⁻³
1.0	12JUL88	2	5116	1691	2935	1.836	0.027
1.0	16AUG88	15	7236	1923	4000	10.000	0.242
1.0	14SEP88	9	8340	3472	6044	6.000	0.283
1.0	11OCT88	1	4140	4140	4140	0.667	0.015
1.0	24AUG90	7	9366	2839	5874	4.667	0.224
1.0	20SEP90	1	4507	4507	4507	0.667	0.017
3.0	17AUG88	10	6042	2054	3756	6.667	0.141
3.0	15SEP88	8	6739	2787	5487	5.334	0.211
3.0	19JUL90	2	4472	2331	3402	1.333	0.022
3.0	23AUG90	2	6827	5782	6305	1.333	0.066
3.0	19SEP90	4	7359	5481	6443	2.667	0.139
4.0	14JUL88	4	3737	3558	3612	2.667	0.046
4.0	18AUG88	7	7330	2011	4364	4.667	0.136
4.0	16SEP88	6	7643	2798	5606	4.000	0.168
4.0	18JUL90	11	5594	1984	3258	7.334	0.114
4.0	22AUG90	5	6048	1938	3064	3.334	0.051
4.0	21SEP90	2	3618	2894	3256	1.333	0.019
5.0	08JUN88	3	2188	1477	1860	2.000	0.010
5.0	13JUL88	1	6097	6097	6097	0.667	0.031
5.0	17AUG88	16	6386	2298	4511	10.667	0.297
5.0	15SEP88	31	8276	3468	5650	20.668	0.855
5.0	12OCT88	2	7856	5388	6622	1.333	0.074
5.0	19JUL90	2	4275	2132	3203	1.333	0.020
5.0	23AUG90	18	6573	3775	5227	12.001	0.423
5.0	19SEP90	3	3881	2386	3100	2.000	0.027
7.0	12JUL88	1	1849	1849	1849	0.667	0.003
7.0	16AUG88	10	7999	2011	4511	6.667	0.204
7.0	14SEP88	6	7660	4656	6124	4.000	0.191
7.0	11OCT88	1	2521	2521	2521	0.667	0.006
7.0	20JUN90	1	2100	2100	2100	0.667	0.004
7.0	20JUL90	1	2007	2007	2007	0.667	0.004
7.0	24AUG90	22	8629	1649	3893	14.667	0.344
7.0	20SEP90	1	4124	4124	4124	0.667	0.015
8.0	17JUL90	8	8218	1985	4947	5.334	0.191
8.0	21AUG90	16	6286	1656	4500	10.667	0.301
8.0	18SEP90	2	3899	2793	3346	1.333	0.020
8.1	17JUL90	8	6743	1033	2776	5.334	0.086
8.1	21AUG90	4	6105	3176	4466	2.667	0.073
8.1	18SEP90	1	6331	6331	6331	0.667	0.033
9.0	14JUL88	2	4221	3827	4024	1.333	0.028
9.0	18AUG88	5	7216	2272	5049	3.334	0.119
9.0	16SEP88	16	7927	2490	4772	10.667	0.330
9.0	13OCT88	1	6358	6358	6358	0.667	0.033

Table 3g. Density, biomass and length data estimated from 0-30 m Wisconsin samples for *Leptodora* Sp.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·m ⁻³	Biomass mg·m ⁻³
9.0	22JUN90	2	3818	1346	2582	1.333	0.015
9.0	18JUL90	1	1771	1771	1771	0.667	0.003
9.0	22AUG90	4	5232	1608	3757	2.667	0.055

Table 3h. Density, biomass and length data estimated from 0-30 m Wisconsin samples for nauplii.

Station	Date	N	Max Length μm	Min Length μm	Mean Length μm	Density No.·L ⁻¹	Biomass mg·m ⁻³
1.0	22JUL86	15	452	191	283	0.290	0.099
1.0	24AUG86	11	311	198	254	0.116	0.032
1.0	25SEP86	7	385	271	300	0.043	0.016
1.0	10MAY88	11	308	240	283	0.244	0.081
1.0	07JUN88	3	320	258	294	0.300	0.107
1.0	12JUL88	3	320	249	277	0.100	0.032
1.0	11OCT88	1	268	268	268	0.007	0.002
1.0	17MAY90	57	313	184	257	1.425	0.408
1.0	20JUN90	53	297	145	238	0.321	0.081
1.0	20JUL90	40	372	166	234	0.056	0.014
1.0	24AUG90	40	252	150	191	0.533	0.094
1.0	20SEP90	40	313	133	201	0.103	0.020
1.0	26OCT90	4	376	203	287	0.003	0.001
2.0	22JUL86	21	291	171	223	0.469	0.106
2.0	24AUG86	20	365	191	252	0.140	0.039
2.0	26SEP86	55	425	191	299	0.107	0.040
3.0	23JUL86	14	398	198	260	0.233	0.069
3.0	25AUG86	26	298	191	239	0.241	0.061
3.0	25SEP86	34	452	198	284	0.251	0.086
3.0	11MAY88	4	295	242	269	0.267	0.082
3.0	08JUN88	8	308	268	290	0.533	0.184
3.0	13JUL88	1	226	226	226	0.050	0.011
3.0	17AUG88	1	196	196	196	0.033	0.006
3.0	15SEP88	3	310	213	268	0.033	0.010
3.0	12OCT88	1	326	326	326	0.013	0.006
3.0	18MAY90	48	304	203	257	0.686	0.195
3.0	21JUN90	40	337	174	255	0.296	0.084
3.0	19JUL90	40	361	140	284	0.099	0.033
3.0	23AUG90	46	350	124	212	0.071	0.015
3.0	19SEP90	46	387	139	300	0.031	0.011
3.0	25OCT90	5	225	194	207	0.003	0.001
4.0	23JUL86	24	291	191	232	0.536	0.130
4.0	25AUG86	10	773	198	347	0.091	0.048
4.0	26SEP86	85	352	184	248	0.336	0.091
4.0	09JUN88	8	302	232	285	0.533	0.180
4.0	14JUL88	1	279	279	279	0.050	0.016
4.0	18AUG88	1	212	212	212	0.033	0.007
4.0	16SEP88	1	272	272	272	0.033	0.010
4.0	13OCT88	1	250	250	250	0.011	0.003
4.0	18MAY90	56	293	162	250	1.400	0.383
4.0	22JUN90	50	294	191	248	1.250	0.336
4.0	18JUL90	40	297	159	236	0.072	0.018
4.0	22AUG90	14	365	229	285	0.117	0.040
4.0	21SEP90	46	402	119	299	0.031	0.011
4.0	24OCT90	5	337	188	268	0.003	0.001
5.0	23JUL86	31	305	184	249	0.433	0.117

Table 4a. Variation in density and biomass of macrozooplankton and microzooplankton from pump samples at station 1.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No.·L ⁻¹	Biomass mg·m ⁻³	N	Density No.·L ⁻¹	Biomass mg·m ⁻³
21JUL87	0- 7	178	15.08	43.36	28	15.50	0.40
21JUL87	7-14	199	12.13	38.28	85	13.47	1.04
21JUL87	14-21	128	8.61	28.30	49	17.82	0.54
19AUG87	0-10	147	9.47	35.80	33	11.49	0.27
19AUG87	10-20	144	9.91	46.74	49	27.75	0.85
19AUG87	20-30	141	8.02	42.15	57	23.60	0.74
10MAY88	0-10	349	15.60	18.28	143	51.81	3.91
10MAY88	10-20	276	3.78	4.59	92	14.52	1.55
10MAY88	20-30	204	3.70	4.17	87	14.16	1.72
07JUN88	0-10	402	80.75	100.09	103	36.14	1.84
07JUN88	10-20	425	6.97	10.43	85	9.42	0.79
07JUN88	20-30	320	3.93	5.73	91	11.72	1.79
12JUL88	0-10	390	13.76	35.78	208	68.19	0.53
12JUL88	10-20	433	8.23	19.03	100	16.79	1.32
12JUL88	20-30	177	1.94	4.32	90	7.59	1.11
16AUG88	0- 9	450	7.73	30.01	92	16.29	0.19
16AUG88	9-18	396	12.32	56.20	143	52.15	0.54
16AUG88	18-27	351	8.33	34.18	111	40.35	2.22
11OCT88	0- 7	413	3.26	16.92	97	19.15	0.14
11OCT88	7-14	158	1.41	8.75	95	12.10	0.05
11OCT88	14-21	162	1.45	9.85	108	13.76	0.93
17MAY90	0-10	272	14.61	17.85	138	20.55	1.75
17MAY90	10-20	146	6.42	4.82	140	18.19	2.59
17MAY90	20-30	142	2.86	2.11	46	6.00	0.86
20JUN90	0-10	231	7.05	8.86	169	12.19	1.66
20JUN90	10-20	65	0.63	1.43	60	2.12	0.28
20JUN90	20-30	40	0.32	0.80	41	0.91	0.11
20JUL90	0-10	214	2.91	5.95	180	26.09	0.56
20JUL90	10-20	354	4.04	10.55	134	16.32	1.73
20JUL90	20-30	343	5.79	13.93	86	4.84	0.56
24AUG90	0-10	206	1.71	6.86	168	53.09	0.29
24AUG90	10-20	263	1.62	5.41	132	33.00	1.42
24AUG90	20-30	324	1.58	5.04	134	14.52	1.33
20SEP90	0-10	179	1.53	7.36	131	41.52	0.34
20SEP90	10-20	133	1.24	3.94	204	55.76	1.06
20SEP90	20-30	60	0.57	1.83	131	22.33	1.75
26OCT90	0-10	349	8.71	20.92	130	12.57	0.30
26OCT90	10-20	335	3.17	7.47	144	8.73	0.21
26OCT90	20-30	86	0.44	1.00	132	6.45	0.16

Table 4b. Variation in density and biomass of macrozooplankton and microzooplankton from pump samples at station 3.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No.·L ⁻¹	Biomass mg·m ⁻³	N	Density No.·L ⁻¹	Biomass mg·m ⁻³
11MAY88	0-10	332	17.59	18.14	94	15.99	0.70
11MAY88	10-20	413	6.47	9.84	90	12.73	1.37
11MAY88	20-30	312	6.33	7.81	79	8.32	1.01
08JUN88	0-10	393	36.54	41.88	85	21.19	1.40
08JUN88	10-20	408	15.78	17.95	111	37.04	5.06
08JUN88	20-30	282	4.12	6.23	87	9.64	1.42
13JUL88	0-10	385	19.41	45.08	92	30.12	0.39
13JUL88	10-20	392	12.32	27.24	123	39.27	1.68
13JUL88	20-30	399	9.09	22.95	92	11.69	1.37
17AUG88	0- 9	459	9.48	37.04	94	25.24	0.14
17AUG88	9-18	380	6.28	29.61	91	33.52	0.69
17AUG88	18-27	364	7.32	30.15	131	46.40	1.79
12OCT88	0- 7	457	7.02	32.43	91	3.39	0.02
12OCT88	7-14	247	2.41	11.55	91	7.40	0.07
12OCT88	14-21	237	2.32	11.00	128	13.90	0.79
18MAY90	0-10	242	16.92	16.47	141	9.02	1.25
18MAY90	10-20	152	11.36	8.79	75	10.23	1.60
18MAY90	20-30	134	6.42	4.72	104	8.32	1.34
21JUN90	0-10	245	14.84	20.70	80	3.41	0.48
21JUN90	10-20	196	3.77	6.31	79	12.29	1.78
21JUN90	20-30	86	0.61	1.60	42	0.58	0.08
19JUL90	0-10	358	14.76	55.81	132	9.57	0.40
19JUL90	10-20	345	10.62	39.28	178	17.44	1.73
19JUL90	20-30	322	2.25	5.57	95	5.16	0.64
23AUG90	0-10	361	2.78	12.60	111	9.53	0.04
23AUG90	10-20	348	1.83	7.33	149	29.13	0.35
23AUG90	20-30	319	2.04	6.46	135	21.63	1.29
19SEP90	0-10	384	3.69	16.27	133	11.24	0.08
19SEP90	10-20	213	2.17	7.90	130	17.47	0.33
19SEP90	20-30	201	1.95	7.52	167	26.87	1.63
25OCT90	0-10	150	0.73	1.87	144	11.54	0.75
25OCT90	10-20	98	0.48	1.18	130	6.34	0.24
25OCT90	20-30	141	0.84	1.50	160	9.40	0.74

Table 4c. Variation in density and biomass of macrozooplankton and microzooplankton from pump samples at station 4.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
25JUN87	0- 5	197	25.78	60.93	49	7.55	1.17
25JUN87	5-10	209	36.38	96.56	71	17.75	2.26
25JUN87	10-15	172	21.80	53.70	68	10.47	1.35
25JUN87	15-20	129	14.76	28.76	83	10.38	1.40
25JUN87	20-25	145	17.39	34.05	69	8.63	1.39
25JUN87	25-30	123	8.48	14.49	99	7.03	1.19
09JUN88	0-10	391	45.74	55.81	108	27.22	2.48
09JUN88	10-20	323	7.85	10.09	112	28.57	3.86
09JUN88	20-30	202	2.66	3.37	82	5.51	0.79
14JUL88	0-10	388	18.24	40.58	116	38.19	0.31
14JUL88	10-20	393	12.03	26.26	93	10.25	0.98
14JUL88	20-30	337	4.25	10.13	104	17.38	2.53
18AUG88	0- 7	386	11.03	45.70	120	20.94	0.34
18AUG88	7-14	367	4.50	19.16	115	24.32	0.53
18AUG88	14-21	389	9.71	36.76	133	34.78	1.06
13OCT88	0- 7	415	3.98	19.17	103	8.22	0.05
13OCT88	7-14	273	2.62	11.81	90	7.20	0.06
13OCT88	14-21	219	2.09	9.14	100	11.93	0.78
18MAY90	0-10	284	11.28	12.37	68	7.65	1.32
18MAY90	10-20	159	6.03	5.48	68	12.97	2.13
18MAY90	20-30	141	4.46	3.34	56	15.50	2.53
22JUN90	0-10	374	30.75	39.50	126	18.88	2.69
22JUN90	10-20	237	5.96	10.80	102	10.51	1.55
22JUN90	20-30	138	1.12	2.20	41	3.00	0.43
18JUL90	0-10	337	16.18	32.13	140	14.96	0.12
18JUL90	10-20	353	15.28	54.55	166	17.90	1.51
18JUL90	20-30	407	9.74	22.19	69	8.96	1.22
22AUG90	0-10	347	7.07	28.02	129	10.20	0.08
22AUG90	10-20	180	0.97	2.91	163	17.42	0.53
22AUG90	20-30	273	1.44	4.29	207	14.21	1.38
21SEP90	0-10	114	1.09	3.65	159	29.54	0.17
21SEP90	10-20	123	1.31	3.78	133	27.64	0.75
21SEP90	20-30	80	0.77	2.22	179	21.30	2.13
24OCT90	0-10	214	1.59	3.82	131	12.63	0.59
24OCT90	10-20	163	0.79	2.10	133	5.76	0.23
24OCT90	20-30	84	0.43	0.98	135	2.55	0.15

Table 4d. Variation in density and biomass of zooplankton and microzooplankton from pump samples at station 5.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No.·L ⁻¹	Biomass mg·m ⁻³	N	Density No.·L ⁻¹	Biomass mg·m ⁻³
22JUL87	0- 8	242	18.36	54.92	35	12.50	0.60
22JUL87	8-16	212	14.16	54.08	66	18.80	0.98
22JUL87	16-24	151	10.08	37.94	74	16.39	0.86
18AUG87	0-10	138	5.54	20.91	56	6.80	0.32
18AUG87	10-20	153	8.98	43.44	40	22.50	0.52
18AUG87	20-30	104	8.18	34.89	84	27.55	1.09
17SEP87	0-10	228	4.56	25.72	142	4.64	0.13
17SEP87	10-20	74	1.50	7.46	114	3.14	0.19
17SEP87	20-30	261	5.22	35.01	253	16.64	1.30
11MAY88	0-10	417	13.45	18.19	93	32.00	1.52
11MAY88	10-20	306	3.37	5.52	119	7.14	0.58
11MAY88	20-30	189	2.21	3.30	89	4.28	0.51
08JUN88	0-10	422	42.06	55.55	82	13.56	1.05
08JUN88	10-20	401	18.94	28.86	104	18.37	2.11
08JUN88	20-30	250	6.90	9.57	81	17.49	2.50
13JUL88	0-10	391	10.79	28.31	104	19.86	0.58
13JUL88	10-20	386	7.32	17.62	92	18.31	0.80
13JUL88	20-30	304	3.14	6.92	101	8.69	0.85
17AUG88	0- 9	403	7.16	21.55	95	34.20	0.18
17AUG88	9-18	355	5.77	26.26	99	26.93	0.25
17AUG88	18-27	426	7.41	33.99	93	24.96	0.39
12OCT88	0- 7	385	10.28	41.81	104	8.36	0.05
12OCT88	7-14	238	2.05	8.99	92	3.89	0.04
12OCT88	14-21	239	2.31	8.79	91	7.33	0.50
18MAY90	0-10	149	10.10	9.25	129	13.82	1.23
18MAY90	10-20	144	3.34	4.18	130	24.01	2.01
18MAY90	20-30	99	1.72	1.08	48	4.42	0.70
21JUN90	0-10	119	2.33	2.82	112	2.75	0.32
21JUN90	10-20	51	0.40	0.61	49	2.19	0.30
21JUN90	20-30	59	0.49	1.06	42	0.93	0.13
19JUL90	0-10	362	5.79	14.20	168	39.10	0.78
19JUL90	10-20	278	1.94	5.72	142	7.69	0.83
19JUL90	20-30	131	0.93	2.41	80	1.81	0.22
23AUG90	0-10	276	1.83	6.60	120	25.17	0.11
23AUG90	10-20	193	1.04	3.16	249	64.68	0.29
23AUG90	20-30	173	1.02	3.55	141	9.27	0.38
19SEP90	0-10	304	9.04	29.92	172	10.72	0.30
19SEP90	10-20	288	2.72	8.90	140	5.57	0.15
19SEP90	20-30	139	1.34	4.87	130	10.53	0.76
25OCT90	0-10	194	0.98	2.41	141	8.38	0.20
25OCT90	10-20	67	0.34	0.83	129	8.03	0.11
25OCT90	20-30	88	0.42	1.04	141	8.82	0.51

Table 4e. Variation in density and biomass of macrozooplankton microzooplankton from pump samples at station 7.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No.·L ⁻¹	Biomass mg·m ⁻³	N	Density No.·L ⁻¹	Biomass mg·m ⁻³
23JUN87	0- 5	190	20.26	48.55	45	5.31	0.83
23JUN87	5-10	138	14.63	31.58	86	10.75	1.71
23JUN87	10-15	149	11.67	23.41	62	5.15	0.70
23JUN87	15-20	156	11.94	25.58	64	5.12	0.79
23JUN87	20-25	149	8.87	19.98	67	4.22	0.68
21JUL87	0- 5	263	19.89	65.08	25	9.91	0.34
21JUL87	5-10	192	14.09	47.00	55	13.05	0.71
21JUL87	10-17	184	16.06	52.70	53	21.88	1.04
21JUL87	17-24	131	12.18	42.97	56	28.37	1.00
19AUG87	0-10	118	4.14	12.86	57	6.62	0.24
19AUG87	10-20	80	3.30	12.68	89	10.10	0.53
19AUG87	20-30	138	12.48	56.87	63	31.15	1.20
16SEP87	0-10	300	6.00	35.33	189	6.30	0.34
16SEP87	10-20	94	1.88	8.99	104	2.98	0.21
16SEP87	20-30	240	4.80	25.47	125	6.70	0.55
21OCT87	0- 8	216	4.36	22.27	142	5.68	0.27
21OCT87	8-16	313	6.26	30.23	134	5.34	0.21
21OCT87	16-30	163	3.26	15.03	156	8.84	0.55
10MAY88	0- 5	296	7.68	8.98	85	22.14	2.21
10MAY88	5-10	342	8.79	11.30	83	22.55	2.27
10MAY88	10-20	284	7.10	6.78	74	11.42	1.29
10MAY88	20-30	304	7.51	8.82	81	16.85	1.94
07JUN88	0-10	423	83.03	105.81	95	47.36	3.24
07JUN88	10-20	201	2.44	2.83	83	4.87	0.65
07JUN88	20-30	256	3.99	4.92	90	6.52	0.80
12JUL88	0-10	407	21.41	50.41	131	38.51	0.80
12JUL88	10-20	418	5.43	12.79	88	15.81	1.51
12JUL88	20-30	261	2.37	5.71	92	8.36	1.13
16AUG88	0- 9	385	8.51	32.97	93	13.94	0.07
16AUG88	9-18	383	7.77	30.79	91	24.00	0.33
16AUG88	18-27	443	7.91	33.82	100	36.08	0.93
11OCT88	0- 7	373	5.87	24.78	92	4.16	0.04
11OCT88	7-14	155	1.98	10.75	93	9.92	0.04
11OCT88	14-21	107	1.38	10.06	91	7.34	0.38
17MAY90	0- 6	148	6.67	5.85	131	21.53	2.96
17MAY90	6-12	206	11.54	11.11	120	19.09	3.04
17MAY90	12-30	275	4.03	3.58	81	9.89	1.35
20JUN90	0-10	208	10.49	13.18	63	5.26	0.75
20JUN90	10-20	80	0.70	1.09	46	1.53	0.17
20JUN90	20-30	74	0.65	1.63	44	1.30	0.16
20JUL90	0-10	224	3.94	9.07	157	43.43	0.36
20JUL90	10-20	334	4.19	11.65	160	33.00	2.50
20JUL90	20-30	282	4.24	9.04	159	24.29	2.81
24AUG90	0-10	411	2.73	16.54	132	49.41	0.17
24AUG90	10-20	379	3.25	12.99	196	102.92	1.46

Table 4e. Variation in density and biomass of macrozooplankton microzooplankton from pump samples at station 7.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
24AUG90	20-30	274	2.08	7.72	136	52.01	3.15
20SEP90	0-10	84	1.17	2.46	161	40.20	0.28
20SEP90	10-20	23	0.33	0.62	132	7.97	0.53
20SEP90	20-30	21	0.20	0.72	82	2.24	0.23
26OCT90	0-10	225	1.24	1.94	148	10.82	0.31
26OCT90	10-20	76	0.43	0.78	140	6.85	0.21
26OCT90	20-30	110	0.52	1.08	133	8.52	0.18

Table 4f. Variation in density and biomass of macrozooplankton and microzooplankton from pump samples at station 8.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No.·L ⁻¹	Biomass mg·m ⁻³	N	Density No.·L ⁻¹	Biomass mg·m ⁻³
24JUN87	0- 5	128	12.16	28.88	92	9.66	1.25
24JUN87	5-10	178	21.03	48.14	79	11.30	1.64
24JUN87	10-15	140	16.45	32.46	77	9.63	1.22
24JUN87	15-20	155	19.03	35.14	78	10.37	1.38
24JUN87	20-25	153	14.28	27.51	72	7.56	1.24
22JUL87	0- 8	210	10.39	34.17	38	6.68	0.31
22JUL87	8-16	177	15.93	51.53	71	24.12	1.29
22JUL87	16-24	130	13.18	50.18	64	32.01	1.14
18AUG87	0-10	180	10.80	44.29	27	12.16	0.23
18AUG87	10-20	168	7.42	32.86	67	9.89	0.44
18AUG87	20-30	132	9.78	43.91	74	28.87	1.11
17SEP87	0-10	312	6.28	32.92	166	6.64	0.23
17SEP87	10-20	114	2.28	11.35	166	4.86	0.29
17SEP87	20-30	200	4.00	21.22	161	6.76	0.48
20OCT87	0- 8	392	7.96	36.24	136	10.88	0.46
20OCT87	8-16	152	3.04	14.47	136	4.52	0.13
20OCT87	16-30	107	2.14	7.99	173	10.24	0.76
12MAY88	0-10	207	6.15	6.35	86	6.01	0.74
12MAY88	10-20	299	4.45	6.16	92	8.52	0.99
12MAY88	20-30	296	4.92	5.04	87	6.59	0.85
16MAY90	0-10	229	8.78	9.36	68	6.38	0.97
16MAY90	10-20	160	6.12	5.67	58	7.02	1.11
16MAY90	20-30	139	5.56	4.55	51	5.54	0.88
19JUN90	0-10	227	18.86	26.73	106	9.84	1.37
19JUN90	10-20	70	1.21	2.13	42	5.24	0.68
19JUN90	20-30	57	0.59	1.33	42	1.76	0.22
17JUL90	0-10	343	15.56	29.54	127	36.81	0.66
17JUL90	10-20	352	3.45	10.11	112	6.32	0.88
17JUL90	20-30	412	8.87	21.16	132	16.55	1.88
21AUG90	0-10	292	1.68	9.08	122	20.21	0.07
21AUG90	10-20	329	1.89	6.37	180	91.09	1.62
21AUG90	20-30	244	1.48	5.03	132	27.01	2.87
18SEP90	0-10	134	1.26	4.34	135	17.41	0.10
18SEP90	10-20	76	0.72	2.60	130	24.76	0.95
18SEP90	20-30	51	0.49	1.68	133	25.33	0.91
23OCT90	0-10	167	0.76	1.84	197	6.73	0.14
23OCT90	10-20	252	1.30	2.45	155	13.82	0.51
23OCT90	20-30	109	0.61	1.24	129	7.51	0.23

Table 4g. Variation in density and biomass of macrozooplankton and microzooplankton from pump samples at station 8.1.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No.·L ⁻¹	Biomass mg·m ⁻³	N	Density No.·L ⁻¹	Biomass mg·m ⁻³
16MAY90	0-10	354	27.39	42.10	131	21.14	2.64
16MAY90	10-20	208	5.24	7.87	136	13.31	1.55
16MAY90	20-25	135	2.68	3.35	56	4.07	0.47
19JUN90	0-10	351	24.66	51.94	127	11.91	1.19
19JUN90	10-20	197	3.72	7.24	51	5.91	0.80
19JUN90	20-30	49	0.49	1.04	41	1.26	0.17
17JUL90	0-10	233	3.96	8.16	136	12.26	0.34
17JUL90	10-20	339	7.29	17.25	64	8.30	1.14
17JUL90	20-30	204	1.82	3.96	75	2.88	0.37
21AUG90	0-10	323	2.07	7.80	107	19.34	0.06
21AUG90	10-20	318	2.76	8.44	176	54.66	2.38
21AUG90	20-30	207	1.10	2.93	74	15.95	1.89
18SEP90	0-10	144	1.36	3.67	171	29.68	0.18
18SEP90	10-20	44	0.42	1.25	130	12.38	0.49
18SEP90	20-30	13	0.13	0.60	103	3.56	0.40
23OCT90	0-10	161	1.52	3.63	141	6.79	0.19
23OCT90	10-20	118	0.66	1.37	131	7.66	0.48
23OCT90	20-30	40	0.25	0.46	89	2.63	0.31

Table 4h. Variation in density and biomass of macrozooplankton and microzooplankton from pump samples at station 9.

Date	Depth m	Macrozooplankton			Microzooplankton		
		N	Density No.·L ⁻¹	Biomass mg·m ⁻³	N	Density No.·L ⁻¹	Biomass mg·m ⁻³
23JUL87	0- 7	218	23.19	73.37	32	28.01	0.85
23JUL87	7-14	116	11.24	30.63	71	23.33	1.12
23JUL87	14-21	173	16.56	47.67	65	16.88	0.97
20AUG87	0-10	141	14.11	47.70	26	19.89	0.31
20AUG87	10-20	120	8.32	28.82	71	18.31	0.69
20AUG87	20-30	111	7.97	26.16	95	21.92	1.07
15SEP87	0-10	330	6.60	27.88	136	12.75	0.37
15SEP87	10-20	194	3.88	15.05	133	10.23	0.33
15SEP87	20-30	238	4.76	18.94	130	11.91	0.77
22OCT87	0- 8	284	5.86	24.49	160	12.80	0.36
22OCT87	8-16	235	4.70	19.98	132	16.81	0.29
22OCT87	16-30	183	3.66	13.41	164	13.12	0.63
12MAY88	0-10	391	11.05	11.89	98	10.08	1.25
12MAY88	10-20	296	6.42	6.43	87	10.90	1.35
12MAY88	20-30	239	3.64	3.11	115	7.81	0.98
09JUN88	0-10	399	94.71	105.02	86	37.46	2.91
09JUN88	10-20	417	27.18	29.81	84	27.92	3.27
09JUN88	20-30	321	6.79	8.24	102	14.52	1.92
14JUL88	0-10	389	27.85	50.03	104	17.80	0.18
14JUL88	10-20	464	8.81	19.00	91	11.66	1.07
14JUL88	20-30	308	3.04	6.25	97	9.22	1.37
18AUG88	0- 7	403	9.90	26.27	95	25.11	0.29
18AUG88	7-14	308	3.41	10.83	92	13.80	0.60
18AUG88	14-21	400	10.72	41.89	106	36.24	2.74
13OCT88	0- 7	388	5.83	26.13	97	7.72	0.02
13OCT88	7-14	250	2.39	13.51	91	14.47	0.26
13OCT88	14-21	155	1.49	6.12	96	7.71	0.61
17MAY90	0-10	190	2.12	2.46	51	5.71	0.81
17MAY90	10-20	182	3.78	4.67	53	3.96	0.61
17MAY90	20-30	135	2.84	3.89	44	4.40	0.57
22JUN90	0-10	406	37.72	47.36	125	10.96	1.20
22JUN90	10-20	345	35.78	50.32	138	17.64	2.52
22JUN90	20-30	148	1.54	2.14	47	6.71	1.10
18JUL90	0-10	238	8.45	15.00	155	7.02	0.07
18JUL90	10-20	315	9.57	17.55	154	16.11	1.03
18JUL90	20-30	301	4.00	8.11	85	7.41	0.99
22AUG90	0-10	259	4.55	11.37	126	12.51	0.06
22AUG90	10-20	110	0.74	1.63	129	14.83	0.56
22AUG90	20-30	324	1.76	4.53	150	9.49	1.04
21SEP90	0-10	233	2.98	6.92	128	30.20	0.17
21SEP90	10-20	150	1.51	4.11	134	9.86	0.47
21SEP90	20-30	119	1.31	3.10	181	17.02	1.74
24OCT90	0-10	120	0.63	1.71	87	2.13	0.25
24OCT90	10-20	191	1.34	3.63	133	4.71	0.32
24OCT90	20-30	268	1.32	3.44	131	6.55	0.53

Table 5a. Variation in density and biomass of macrozooplankton from Scor samples at station 1.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
08MAY85	230	4.37	7.16	26AUG86	177	5.46	24.87
05JUN85	214	7.28	16.13	24SEP86	154	5.01	25.10
04JUL85	225	4.37	13.13	18OCT86	138	1.78	8.11
31JUL85	194	6.50	25.43	21MAY87	382	5.08	13.63
28AUG85	232	4.62	23.65	23JUN87	379	4.04	9.90
25SEP85	164	3.54	22.08	21JUL87	416	5.77	20.15
23OCT85	198	2.17	10.90	19AUG87	365	5.91	26.16
14MAY86	224	8.52	20.55	16SEP87	360	4.61	26.15
24JUN86	266	22.53	71.12	21OCT87	323	2.28	13.59
22JUL86	228	4.52	14.90				

Table 5b. Variation in density and biomass of macrozooplankton from Scor samples at station 2.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
08MAY85	162	2.22	6.13	28AUG85	170	5.79	31.62
05JUN85	364	8.57	17.75	25SEP85	162	3.82	19.05
04JUL85	255	5.11	16.48	23OCT85	158	2.58	13.31
31JUL85	191	7.38	32.39				

Table 5c. Variation in density and biomass of macrozooplankton from Scor samples at station 4.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
08MAY85	269	2.86	4.88	27AUG86	151	3.78	15.61
05JUN85	235	2.32	4.56	24SEP86	130	2.38	9.18
04JUL85	188	6.06	16.21	17OCT86	137	2.64	8.86
31JUL85	168	9.78	43.69	22MAY87	324	9.70	18.78
28AUG85	168	5.21	25.24	25JUN87	730	19.51	47.10
25SEP85	199	3.63	17.24	25JUN87	359	8.95	21.03
23OCT85	201	3.36	13.51	23JUL87	489	7.59	23.86
15MAY86	185	6.30	14.53	20AUG87	406	8.22	32.13
25JUN86	489	52.33	142.84	15SEP87	376	4.59	21.29
23JUL86	204	12.73	34.58	22OCT87	333	3.33	13.08

Table 5d. Variation in density and biomass of macrozooplankton from Scor samples at station 5.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
07MAY85	291	3.13	4.67	27AUG86	180	5.92	24.84
04JUN85	229	24.88	33.28	25SEP86	176	5.29	20.87
03JUL85	258	2.77	8.39	17OCT86	139	2.42	8.84
30JUL85	182	6.22	28.99	20MAY87	303	2.62	5.60
27AUG85	156	5.01	25.52	24JUN87	314	10.54	25.23
24SEP85	194	3.78	18.16	22JUL87	414	8.33	28.63
22OCT85	184	2.14	10.60	18AUG87	330	5.44	23.27
15MAY86	134	1.36	3.61	17SEP87	355	4.35	22.82
26JUN86	191	12.68	34.25	22OCT87	376	2.59	10.19
24JUL86	152	5.95	16.25				

Table 5e. Variation in density and biomass of macrozooplankton from Scor samples at station 6.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
07MAY85	209	1.94	3.88	27AUG86	189	6.52	18.34
04JUN85	262	11.12	27.21	24SEP86	122	1.66	8.01
03JUL85	305	14.14	42.45	16OCT86	123	0.78	2.86
30JUL85	166	9.61	38.64	22MAY87	358	9.54	15.87
27AUG85	178	11.26	47.21	25JUN87	348	9.47	18.21
24SEP85	147	4.13	18.40	23JUL87	373	6.68	14.30
22OCT85	196	1.77	3.55	20AUG87	359	8.09	24.11
15MAY86	232	3.15	5.63	15SEP87	342	3.12	9.18
25JUN86	183	3.17	5.79	22OCT87	357	3.69	12.83
23JUL86	308	7.73	18.62				

Table 5f. Variation in density and biomass of macrozooplankton from Scor samples at station 7.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
08MAY85	183	4.77	8.90	26AUG86	153	4.05	19.07
05JUN85	237	9.11	15.05	23SEP86	219	8.13	34.20
04JUL85	179	5.52	16.33	18OCT86	131	0.72	2.83
31JUL85	174	5.43	25.70	21MAY87	398	3.60	7.33
28AUG85	146	1.74	10.61	23JUN87	370	4.78	10.98
25SEP85	125	1.60	10.16	21JUL87	438	7.57	27.22
23OCT85	163	1.65	11.15	19AUG87	368	5.39	23.54
14MAY86	237	3.92	10.01	16SEP87	347	3.24	18.07
24JUN86	248	19.44	50.99	21OCT87	430	2.13	9.53
22JUL86	255	4.66	11.86				

Table 5g. Variation in density and biomass of macrozooplankton from Scor samples at station 8.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
07MAY85	191	3.09	7.64	28AUG86	145	3.46	13.61
04JUN85	220	2.01	3.97	25SEP86	132	2.17	8.23
03JUL85	199	7.09	21.22	17OCT86	116	1.14	3.07
30JUL85	181	5.77	24.05	20MAY87	310	3.87	8.61
27AUG85	167	4.87	19.09	24JUN87	346	9.22	19.28
24SEP85	260	2.61	12.12	22JUL87	368	8.39	26.71
22OCT85	196	1.92	9.77	18AUG87	393	6.81	32.08
16MAY86	162	4.40	9.08	17SEP87	346	4.75	21.83
26JUN86	230	18.35	56.72	20OCT87	357	2.73	11.35
24JUL86	257	9.34	27.88				

Table 5h. Variation in density and biomass of macrozooplankton from
Scor samples at station 9.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
07MAY85	194	1.70	3.27	27AUG86	152	3.91	15.97
04JUN85	291	6.46	13.06	24SEP86	128	2.56	11.54
03JUL85	303	13.63	39.22	16OCT86	159	1.90	7.99
30JUL85	199	7.27	27.68	22MAY87	369	13.03	20.12
27AUG85	218	8.14	35.15	25JUN87	474	10.06	24.30
24SEP85	144	3.99	19.44	23JUL87	591	6.96	18.75
22OCT85	276	3.08	8.36	20AUG87	375	6.27	20.87
15MAY86	220	4.53	6.22	15SEP87	413	6.05	20.72
25JUN86	277	6.20	16.57	22OCT87	323	3.14	11.20
23JUL86	225	13.75	32.34				

Table 6a. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 1.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
22JUL86	1277	12.23	35.35	11OCT88	389	2.01	12.02
24AUG86	1180	6.91	32.62	17MAY90	388	6.58	8.80
25SEP86	1123	4.18	23.81	20JUN90	358	2.46	4.60
10MAY88	216	4.22	7.47	20JUL90	362	4.26	11.14
07JUN88	320	22.96	31.01	24AUG90	345	2.71	10.01
12JUL88	401	7.09	19.69	20SEP90	342	2.04	8.10
16AUG88	398	6.97	34.53	26OCT90	352	5.44	12.59
14SEP88	429	3.49	17.06				

Table 6b. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 2.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
22JUL86	1287	14.25	50.82	26SEP86	1112	1.24	4.31
24AUG86	1186	4.92	21.52				

Table 6c. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 3.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
23JUL86	1294	12.77	44.92	12OCT88	546	5.62	27.53
25AUG86	1223	6.09	25.36	18MAY90	401	14.38	15.41
25SEP86	1265	5.15	20.33	21JUN90	360	7.81	13.82
11MAY88	234	13.03	19.56	19JUL90	372	3.82	8.91
08JUN88	237	12.96	23.62	23AUG90	400	1.77	6.57
13JUL88	394	10.23	27.30	19SEP90	485	5.54	22.03
17AUG88	413	7.97	35.11	25OCT90	356	1.12	2.89
15SEP88	410	3.01	16.21				

Table 6d. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 4.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
23JUL86	1326	16.21	56.33	13OCT88	458	3.49	18.50
25AUG86	1269	7.02	26.93	18MAY90	370	11.93	14.68
26SEP86	1236	2.41	8.88	22JUN90	364	12.93	23.61
09JUN88	252	13.24	20.23	18JUL90	396	13.51	40.75
14JUL88	330	11.02	24.77	22AUG90	402	4.39	14.46
18AUG88	414	7.96	31.60	21SEP90	373	1.17	3.48
16SEP88	399	8.56	43.93	24OCT90	374	1.74	4.94

Table 6e. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 5.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
23JUL86	1220	9.44	31.14	12OCT88	407	4.11	20.46
25AUG86	1222	5.15	24.00	18MAY90	386	7.31	8.70
25SEP86	1340	5.41	22.12	21JUN90	358	2.18	3.33
11MAY88	283	8.13	15.20	19JUL90	375	3.32	8.21
08JUN88	441	16.28	28.83	23AUG90	379	2.18	6.68
13JUL88	389	6.72	17.53	19SEP90	411	10.39	35.84
17AUG88	407	7.95	35.17	25OCT90	346	1.54	3.97
15SEP88	418	4.17	24.15				

Table 6f. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 6.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
23JUL86	1343	16.04	43.16	26SEP86	1203	3.18	11.44
25AUG86	1245	4.37	16.65				

Table 6g. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 7.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
10MAY88	230	3.27	5.14	17MAY90	422	5.97	6.83
07JUN88	403	22.97	26.29	20JUN90	366	7.53	11.73
12JUL88	475	5.90	14.79	20JUL90	379	5.39	13.94
16AUG88	538	8.25	35.04	24AUG90	439	6.90	35.88
14SEP88	396	3.42	19.04	20SEP90	264	0.47	1.18
11OCT88	391	2.64	16.96	26OCT90	422	0.98	1.98

Table 6h. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 8.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
12MAY88	211	4.34	6.77	21AUG90	356	3.35	12.29
16MAY90	366	4.01	4.61	18SEP90	371	1.13	3.71
19JUN90	370	8.95	15.31	23OCT90	353	1.36	3.04
17JUL90	367	11.37	28.36				

Table 6i. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 8.1.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
16MAY90	368	12.19	18.21	21AUG90	352	2.26	7.11
19JUN90	411	13.61	25.22	18SEP90	376	1.14	3.69
17JUL90	348	10.16	23.91	23OCT90	366	1.10	2.39

Table 6j. Variation in density and biomass of macrozooplankton from Wisconsin samples at station 9.

Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Date	N	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
12MAY88	283	5.71	8.72	17MAY90	361	2.07	2.58
09JUN88	493	26.13	33.44	22JUN90	504	24.76	35.72
14JUL88	356	13.44	31.40	18JUL90	350	10.44	24.56
18AUG88	419	8.22	31.66	22AUG90	366	2.92	8.56
16SEP88	405	6.17	36.99	21SEP90	378	2.64	7.83
13OCT88	419	4.11	17.74	24OCT90	357	1.19	3.22

Table 7a. Mean density and biomass of macrozooplankton for each station from Scor samples in 1985.

Station	Svy #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Station	Svy #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1.0	7	4.69	16.93	6.0	7	7.71	25.90
2.0	7	5.07	19.53	7.0	7	4.26	13.99
4.0	7	4.75	17.91	8.0	7	3.91	13.98
5.0	7	6.85	18.52	9.0	7	6.32	20.88

Table 7b. Mean density and biomass of macrozooplankton for each station from Scor samples in 1986.

Station	Svy #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Station	Svy #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1.0	6	7.97	27.44	7.0	6	6.82	21.49
4.0	6	13.36	37.60	8.0	6	6.48	19.76
5.0	6	5.60	18.11	9.0	6	5.47	15.11
6.0	6	3.83	9.88				

Table 7c. Mean density and biomass of macrozooplankton for each station from Scor samples in 1987.

Station	Svy #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Station	Svy #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1.0	6	4.61	18.26	7.0	6	4.45	16.11
4.0	7	8.84	25.33	8.0	6	5.96	19.98
5.0	6	5.64	19.29	9.0	6	7.59	19.33
6.0	6	6.76	15.75				

Table 8a. Mean density and biomass of macrozooplankton for each station from Wisconsin samples in 1986.

Station	Svy #'	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Station	Svy #'	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1.0	3	1.11	30.59	4.0	3	8.55	30.71
2.0	3	6.80	25.55	5.0	3	6.67	25.76
3.0	3	8.00	30.20	6.0	3	7.87	23.75

Table 8b. Mean density and biomass of macrozooplankton for each station from Wisconsin samples in 1988.

Station	Svy #'	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Station	Svy #'	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1.0	6	7.79	20.30	7.0	6	7.74	19.54
3.0	6	8.80	24.89	8.0	1	4.34	6.77
4.0	5	8.85	27.81	9.0	6	10.63	26.66
5.0	6	7.89	23.56				

Table 8c. Mean density and biomass of macrozooplankton for each station from Wisconsin samples in 1990.

Station	Svy #'	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Station	Svy #'	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1.0	6	3.91	9.21	7.0	6	4.54	11.92
3.0	6	5.74	11.61	8.0	6	5.03	11.22
4.0	6	7.61	16.99	8.1	6	6.74	13.42
5.0	6	4.48	11.12	9.0	6	7.33	13.75

Table 9a. Mean density and biomass estimated from Scor samples for each station and year for *Bosminidae*.

Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³	Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³
1985	1.0	7	0.123	0.640	1986	6.0	6	0.066	0.212
1985	2.0	7	0.192	0.996	1986	7.0	6	0.772	2.664
1985	4.0	7	0.261	1.441	1986	8.0	6	0.341	1.455
1985	5.0	7	0.235	1.079	1986	9.0	6	0.183	0.565
1985	6.0	7	0.110	0.358	1987	1.0	6	0.365	1.102
1985	7.0	7	0.135	0.709	1987	4.0	6	1.196	4.294
1985	8.0	7	0.133	0.685	1987	5.0	6	0.667	2.290
1985	9.0	7	0.167	0.784	1987	6.0	6	0.296	0.678
1986	1.0	6	0.325	1.369	1987	7.0	6	0.640	2.328
1986	4.0	6	0.469	1.644	1987	8.0	6	0.616	2.246
1986	5.0	6	0.485	1.669	1987	9.0	6	0.473	1.585

Table 9b. Mean density and biomass estimated from Scor samples for each station and year for *Cyclopidae*.

Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³	Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³
1985	1.0	7	2.233	9.655	1986	6.0	6	1.393	4.711
1985	2.0	7	1.898	8.216	1986	7.0	6	2.264	7.977
1985	4.0	7	1.547	6.525	1986	8.0	6	2.287	7.746
1985	5.0	7	2.263	7.595	1986	9.0	6	2.343	7.274
1985	6.0	7	3.734	14.168	1987	1.0	6	3.034	9.745
1985	7.0	7	1.718	6.925	1987	4.0	6	5.383	12.289
1985	8.0	7	1.462	6.191	1987	5.0	6	3.538	9.475
1985	9.0	7	2.368	8.928	1987	6.0	6	3.729	8.336
1986	1.0	6	3.960	15.050	1987	7.0	6	2.375	6.616
1986	4.0	6	4.492	15.424	1987	8.0	6	3.040	8.050
1986	5.0	6	2.275	8.480	1987	9.0	6	3.961	8.603

Table 9c. Mean density and biomass estimated from Scor samples for each station and year for *Daphnia*.

Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³	Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³
1985	1.0	7	0.422	3.647	1986	6.0	6	0.067	0.464
1985	2.0	7	0.468	4.216	1986	7.0	6	0.450	3.247
1985	4.0	7	0.455	4.162	1986	8.0	6	0.250	1.765
1985	5.0	7	0.446	3.981	1986	9.0	6	0.133	0.759
1985	6.0	7	0.340	3.335	1987	1.0	6	0.783	6.226
1985	7.0	7	0.363	3.297	1987	4.0	6	0.724	5.172
1985	8.0	7	0.237	2.211	1987	5.0	6	0.570	4.871
1985	9.0	7	0.348	3.121	1987	6.0	6	0.157	0.925
1986	1.0	6	0.364	2.659	1987	7.0	6	0.678	4.920
1986	4.0	6	0.289	1.603	1987	8.0	6	0.702	5.278
1986	5.0	6	0.127	0.808	1987	9.0	6	0.317	2.145

Table 9d. Mean density and biomass estimated from Scor samples for each station and year for *Diaptomidae*.

Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³	Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³
1985	1.0	7	0.873	2.632	1986	6.0	6	1.606	3.874
1985	2.0	7	1.787	5.815	1986	7.0	6	3.056	6.969
1985	4.0	7	1.591	5.488	1986	8.0	6	3.286	8.201
1985	5.0	7	1.640	4.978	1986	9.0	6	2.543	6.028
1985	6.0	7	2.749	7.778	1987	1.0	6	0.360	1.005
1985	7.0	7	0.848	2.588	1987	4.0	6	2.625	7.263
1985	8.0	7	1.290	4.529	1987	5.0	6	0.802	2.177
1985	9.0	7	2.600	7.742	1987	6.0	6	2.380	5.593
1986	1.0	6	2.905	7.516	1987	7.0	6	0.678	1.859
1986	4.0	6	7.630	18.448	1987	8.0	6	1.423	3.882
1986	5.0	6	2.496	6.239	1987	9.0	6	2.586	6.708

Table 9e. Mean density and biomass estimated from Scor samples for each station and year for *Epischura*.

Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1985	2.0	7	0.004	0.056	1986	7.0	6	0.072	0.568
1985	5.0	7	0.010	0.111	1986	8.0	6	0.037	0.513
1985	6.0	7	0.002	0.025	1986	9.0	6	0.036	0.406
1985	7.0	7	0.004	0.063	1987	1.0	6	0.014	0.154
1985	8.0	7	0.010	0.114	1987	4.0	6	0.027	0.395
1985	9.0	7	0.001	0.015	1987	5.0	6	0.033	0.430
1986	1.0	6	0.047	0.730	1987	6.0	6	0.018	0.150
1986	4.0	6	0.022	0.333	1987	7.0	6	0.020	0.338
1986	5.0	6	0.096	0.833	1987	8.0	6	0.025	0.446
1986	6.0	6	0.128	0.515	1987	9.0	6	0.021	0.206

Table 9f. Mean density and biomass estimated from Scor samples for each station and year for *Holopedium*.

Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$
1985	1.0	7	4.571	0.011	1987	5.0	6	0.053	0.001
1985	5.0	7	9.143	0.009	1987	6.0	6	0.098	0.001
1985	9.0	7	18.286	0.029	1987	7.0	6	0.080	0.002
1987	4.0	6	0.213	0.003					

Table 9g. Mean density and biomass estimated from Scor samples for each station and year for *Leptodora*.

Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$
1986	4.0	6	0.095	0.001	1987	5.0	6	0.560	0.024
1986	5.0	6	1.333	0.050	1987	6.0	6	0.267	0.011
1986	6.0	6	0.430	0.007	1987	7.0	6	0.667	0.026
1987	1.0	6	0.480	0.020	1987	8.0	6	0.693	0.028
1987	4.0	6	0.773	0.028	1987	9.0	6	0.373	0.012

Table 9h. Mean density and biomass estimated from Scor samples for each station and year for nauplii.

Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1985	1.0	7	4.622	1.010	1986	6.0	6	5.326	0.710
1985	2.0	7	4.375	0.891	1986	7.0	6	3.714	0.476
1985	4.0	7	4.542	0.953	1986	8.0	6	6.784	0.857
1985	5.0	7	7.342	1.694	1986	9.0	6	8.967	1.123
1985	6.0	7	3.175	0.678	1987	1.0	6	2.305	0.317
1985	7.0	7	4.107	0.938	1987	4.0	6	5.573	0.911
1985	8.0	7	4.599	0.914	1987	5.0	6	3.007	0.424
1985	9.0	7	4.299	0.903	1987	6.0	6	3.245	0.538
1986	1.0	6	5.502	0.777	1987	7.0	6	1.781	0.277
1986	4.0	6	10.528	1.379	1987	8.0	6	3.480	0.545
1986	5.0	6	9.936	1.139	1987	9.0	6	5.091	0.816

Table 9i. Mean density and biomass estimated from Scor samples for each station and year for *Polypheus*.

Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$
1985	5.0	7	2.031	.	1987	5.0	6	0.027	.
1985	6.0	7	20.114	.	1987	7.0	6	1.368	.
1986	9.0	6	1.067	.	1987	9.0	6	0.213	.
1987	4.0	6	18.333	.					

Table 9j. Mean density and biomass estimated from Scor samples for each station and year for *Scapholeberis*.

Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$
1986	7.0	6	1.422	0.025					

Table 10a. Mean density and biomass estimated from Wisconsin samples for each station and year for *Bosminidae*.

Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1986	1.0	3	0.505	2.036	1988	7.0	6	0.551	2.301
1986	2.0	3	0.544	2.223	1988	9.0	6	0.620	2.626
1986	3.0	3	0.903	3.619	1990	1.0	6	0.443	1.327
1986	4.0	3	0.950	3.618	1990	3.0	6	0.732	2.097
1986	5.0	3	0.889	3.435	1990	4.0	6	0.750	2.469
1986	6.0	3	0.217	0.785	1990	5.0	6	1.803	4.872
1988	1.0	6	0.468	2.109	1990	7.0	6	0.465	1.467
1988	3.0	6	0.696	3.024	1990	8.0	6	0.424	1.295
1988	4.0	5	0.752	3.329	1990	8.1	6	0.499	1.536
1988	5.0	6	1.108	4.179	1990	9.0	6	0.576	1.667

Table 10b. Mean density and biomass estimated from Wisconsin samples for each station and year for *Cyclopidae*.

Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1986	1.0	3	3.236	12.414	1988	8.0	1	0.781	1.918
1986	2.0	3	2.727	10.248	1988	9.0	6	1.921	5.195
1986	3.0	3	3.633	12.773	1990	1.0	6	1.573	3.624
1986	4.0	3	2.847	9.788	1990	3.0	6	0.988	2.037
1986	5.0	3	3.465	13.451	1990	4.0	6	1.167	2.575
1986	6.0	3	3.124	10.515	1990	5.0	6	0.655	1.312
1988	1.0	6	1.819	5.363	1990	7.0	6	1.211	2.729
1988	3.0	6	2.004	5.534	1990	8.0	6	0.815	1.831
1988	4.0	5	1.946	6.239	1990	8.1	6	1.554	3.570
1988	5.0	6	1.687	4.179	1990	9.0	6	1.081	2.365
1988	7.0	6	1.573	3.979					

Table 10c. Mean density and biomass estimated from Wisconsin samples for each station and year for *Daphnia*.

Year	Stn	Srv	Density #'s	Biomass No. $\cdot L^{-1}$ $mg \cdot m^{-3}$	Year	Stn	Srv	Density #'s	Biomass No. $\cdot L^{-1}$ $mg \cdot m^{-3}$
1986	1.0	3	1.420	9.912	1988	8.0	1	0.030	0.197
1986	2.0	3	1.070	7.063	1988	9.0	6	0.869	6.871
1986	3.0	3	1.026	7.244	1990	1.0	6	0.211	1.590
1986	4.0	3	1.158	7.990	1990	3.0	6	0.412	2.736
1986	5.0	3	0.659	4.430	1990	4.0	6	0.583	4.451
1986	6.0	3	0.466	2.904	1990	5.0	6	0.387	2.393
1988	1.0	6	0.620	4.964	1990	7.0	6	0.593	4.621
1988	3.0	6	0.849	6.557	1990	8.0	6	0.317	2.335
1988	4.0	5	1.020	8.347	1990	8.1	6	0.297	1.789
1988	5.0	6	1.007	7.528	1990	9.0	6	0.308	1.974
1988	7.0	6	0.911	6.796					

Table 10d. Mean density and biomass estimated from Wisconsin samples for each station and year for *Diaptomidae*.

Year	Stn	Srv	Density #'s	Biomass No. $\cdot L^{-1}$ $mg \cdot m^{-3}$	Year	Stn	Srv	Density #'s	Biomass No. $\cdot L^{-1}$ $mg \cdot m^{-3}$
1986	1.0	3	2.491	5.732	1988	8.0	1	3.356	4.595
1986	2.0	3	2.365	5.706	1988	9.0	6	7.038	11.197
1986	3.0	3	2.221	5.741	1990	1.0	6	1.505	2.443
1986	4.0	3	3.446	8.681	1990	3.0	6	3.419	4.057
1986	5.0	3	1.441	3.761	1990	4.0	6	4.779	7.046
1986	6.0	3	3.815	9.109	1990	5.0	6	1.431	1.866
1988	1.0	6	4.739	7.428	1990	7.0	6	1.985	2.797
1988	3.0	6	5.081	9.092	1990	8.0	6	3.253	5.306
1988	4.0	5	4.971	9.380	1990	8.1	6	4.170	6.223
1988	5.0	6	3.823	6.503	1990	9.0	6	5.198	7.388
1988	7.0	6	4.637	6.206					

Table 10e. Mean density and biomass estimated from Wisconsin samples for each station and year for *Epischura*.

Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot L^{-1}$	Biomass $mg \cdot m^{-3}$
1986	1.0	3	0.027	0.461	1988	7.0	6	0.009	0.168
1986	2.0	3	0.020	0.282	1988	9.0	6	0.073	0.647
1986	3.0	3	0.055	0.735	1990	1.0	6	0.019	0.125
1986	4.0	3	0.041	0.591	1990	3.0	6	0.069	0.550
1986	5.0	3	0.046	0.623	1990	4.0	6	0.049	0.327
1986	6.0	3	0.030	0.310	1990	5.0	6	0.085	0.485
1988	1.0	6	0.036	0.258	1990	7.0	6	0.017	0.148
1988	3.0	6	0.050	0.561	1990	8.0	6	0.050	0.302
1988	4.0	5	0.033	0.386	1990	8.1	6	0.030	0.211
1988	5.0	6	0.133	0.860	1990	9.0	6	0.045	0.293

Table 10f. Mean density and biomass estimated from Wisconsin samples for each station and year for *Holopedium*.

Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$
1986	6.0	3	7.444	0.058	1990	3.0	6	11.025	0.056
1988	1.0	6	7.441	0.047	1990	4.0	6	1.389	0.009
1988	3.0	6	2.839	0.023	1990	5.0	6	11.444	0.016
1988	4.0	5	2.222	0.015	1990	7.0	6	3.111	0.008
1988	5.0	6	4.365	0.035	1990	8.0	6	0.111	0.000
1988	7.0	6	1.389	0.009	1990	8.1	6	11.329	0.006
1988	9.0	6	0.111	0.001	1990	9.0	6	0.222	0.001
1990	1.0	6	10.611	0.012					

Table 10g. Mean density and biomass estimated from Wisconsin samples for each station and year for *Leptodora*.

Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$	Year	Stn	Srv #'s	Density No. $\cdot m^{-3}$	Biomass $mg \cdot m^{-3}$
1988	1.0	6	3.084	0.094	1990	3.0	6	0.889	0.038
1988	3.0	6	2.000	0.059	1990	4.0	6	2.000	0.031
1988	4.0	5	2.267	0.070	1990	5.0	6	2.556	0.078
1988	5.0	6	5.889	0.211	1990	7.0	6	2.778	0.061
1988	7.0	6	2.000	0.067	1990	8.0	6	2.889	0.086
1988	9.0	6	2.667	0.085	1990	8.1	6	1.445	0.032
1990	1.0	6	0.889	0.040	1990	9.0	6	0.778	0.012

Table 10h. Mean density and biomass estimated from Wisconsin samples for each station and year for nauplii.

Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³	Year	Stn	Srv #'s	Density No.·L ⁻¹	Biomass mg·m ⁻³
1986	1.0	3	0.149	0.049	1988	8.0	1	0.200	0.068
1986	2.0	3	0.239	0.062	1988	9.0	6	0.139	0.044
1986	3.0	3	0.242	0.072	1990	1.0	6	0.407	0.103
1986	4.0	3	0.321	0.089	1990	3.0	6	0.198	0.057
1986	5.0	3	0.283	0.086	1990	4.0	6	0.479	0.131
1986	6.0	3	0.320	0.096	1990	5.0	6	0.160	0.048
1988	1.0	6	0.109	0.037	1990	7.0	6	0.363	0.106
1988	3.0	6	0.155	0.050	1990	8.0	6	0.402	0.104
1988	4.0	5	0.132	0.043	1990	8.1	6	0.371	0.101
1988	5.0	6	0.156	0.060	1990	9.0	6	0.198	0.054
1988	7.0	6	0.064	0.020					

Table 10i. Mean density and biomass estimated from Wisconsin samples for each station and year for *Polyphelemus*.

Year	Stn	Srv #'s	Density No.·m ⁻³	Biomass mg·m ⁻³	Year	Stn	Srv #'s	Density No.·m ⁻³	Biomass mg·m ⁻³
1986	3.0	3	2.222	.	1990	3.0	6	1.150	.
1986	5.0	3	2.697	.	1990	4.0	6	23.611	.
1988	1.0	6	0.195	.	1990	5.0	6	16.810	.
1988	4.0	5	15.238	.	1990	7.0	6	2.889	.
1988	5.0	6	2.778	.	1990	8.0	6	0.111	.
1988	7.0	6	4.497	.	1990	8.1	6	2.757	.
1988	9.0	6	6.481	.	1990	9.0	6	5.453	.
1990	1.0	6	1.121	.					

Table 10j. Mean density and biomass estimated from Wisconsin samples for each station and year for *Schapholeberis*.

Year	Stn	Srv #'s	Density No.·m ⁻³	Biomass mg·m ⁻³	Year	Stn	Srv #'s	Density No.·m ⁻³	Biomass mg·m ⁻³
1986	1.0	3	5.556	0.004	1990	5.0	6	42.735	0.103
1986	3.0	3	22.222	0.040	1990	7.0	6	6.944	0.011
1988	5.0	6	5.556	0.014	1990	8.0	6	2.778	0.012
1990	3.0	6	5.556	0.005	1990	8.1	6	0.111	0.000
1990	4.0	6	1.389	0.005	1990	9.0	6	11.111	0.012