Species Composition and Seasonal Abundance of Zooplankton in Lake 227, Experimental Lakes Area, Northwestern Ontario, 1969-1978

P.S.S. Chang, D.F. Malley, W.J. Findlay, G. Mueller, and R.T. Barnes

Western Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

April 1980

Canadian Data Report of Fisheries & Aquatic Sciences No. 182

PLEASE DO NOT REMOVE FROM LIBRARY

NOV 25 1980
LIBRARY
BEDFORD INSTITUTE
OF OCEANOGRAPHY

Government of Canada Fisheries and Oceans
Gouvernement du Canada Pêches et Océans

Canadian Data Report of Fisheries and Aquatic Sciences

These reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of Data Reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries management, technology and development, ocean sciences, and aquatic environments relevant to Canada.

Numbers 1-25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26-160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was changed with report number 161.

Data Reports are not intended for general distribution and the contents must not be referred to in other publications without prior written clearance from the issuing establishment. The correct citation appears above the abstract of each report.

Rapport statistique canadien des sciences halieutiques et aquatiques

Ces rapports servent de base a la compilation des donnees de classement et d'archives pour lesquelles it y a peu ou point d'analyse. Cette compilation aura d'ordinaire ete preparee pour appuyer d'autres publications ou rapports. Les sujets des Rapports statistiques refletent la vaste gamme des interets et politiques du Ministere des Peches et des Oceans, notamment gestion des peches, techniques et developpement, sciences oceaniques et environnements aquatiques, au Canada.

Les numeros 1 a 25 de cette serie ont ete publies a titre de Records statistiques, Service des peches et de la mer. Les numeros 26-160 ont ete publies a titre de Rapports statistiques du Service des peches et de la mer, Ministere des Peches et de l'Environnement. Le nom de la serie a ete modifie a partir du numero 161.

Les Rapports statistiques ne sont pas prepares pour une vaste distribution et leur contenu ne doit pas etre mentionne dans une publication sans autorisation &rite prealable de l'etablissement auteur. Le titre exact parait au haut du résumé de chaque rapport.

Canadian Data Report

of

Fisheries and Aquatic Sciences 182

April 1980

SPECIES COMPOSITION AND SEASONAL ABUNDANCE OF ZOOPLANKTON IN LAKE 227, EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO, 1969-1978

by

P. S. S. Chang, D. F. Malley,

W. J. Findlay, G. Mueller, and

R. T. Barnes

Western Region

Department of Fisheries and Oceans

Winnipeg, Manitoba R3T 2N6

This is the 24th Data Report

from the Western Region, Winnipeg

Minister of Supply and Services Canada 1980

Cat. no. Fs 97/13-182 ISSN 0706-6465

TABLE OF CONTENTS

	Page
ABSTRACT/RESUME	iv
INTRODUCTION	1
METHODS	1
RESULTS	1
ACKNOWLEDGMENTS	2
REFERENCES	2

LIST OF TABLES

Table		Page
1	Summary of zooplankton sampling methods . .	3
2	Zooplankton species list and relative annual abundance	4
3	Thermocline limits and epilimnion temperature during periods of thermal stratification and Secchi disc visibility on or near zooplankton sampling dates	7

LIST OF FIGURES

Figure		Page
1	Diagram of the 2 barrel closing sampler .	9

LIST OF APPENDICES

Appendix		Page
1	Density of individual zooplankton species on each sampling date and the depth stratum from which each sample was taken	
	a. Cladocera	12
	b. Calanoid adults	24
	c. Calanoid nauplii	28
	d. Calanoid copepodids	40
	e. Cyclopoid adults	50
	f. Cyclopoid nauplii	56
	g. Cyclopoid copepodids .	68
	h. Rotifera	80

ABSTRACT

Chang, P. S. S., D. F. Malley, W. J. Findlay, G. Mueller, and R. T. Barnes. 1980. Species composition and seasonal abundance of zooplankton in Lake 227, Experimental Lakes Area, northwestern Ontario, 1969-1978. Can. Data Rep. Fish. Aquat Sci,182: iv + 101 p.

A list of species of zooplankton and the densities of all but the rate species, collected from Lake 227 in the Experimental Lakes Area, Ontario, are presented for the years 1969-1978. During periods of thermal stratification, densities are generally reported for the three thermal layers. Information on sampling methods, thermocline limits, epilimnion temperature and Secchi disc visibility are included in this report.

Key words: zooplankton; sampling methods; Precambrian Shield lake.

RESUME

Chang, P. S. S., D. F. Malley, W. J. Findlay, G. Mueller, and R. T. Barnes. 1980. Species composition and seasonal abundance of zooplankton in Lake 227, Experimental Lakes Area, northwestern Ontario, 1969-1978. Can. Data Rep. Fish. Aquat. Sci. 182: iv + 101 p.

Le rapport presente une liste des especes composant le zooplancton ainsi que leurs densites, a l'exception des especes rares, donnees recueillies dans le lac 227 de la Region des Lacs Experimentaux, dans 1'Ontario, de 1969 a 1978. Pendant les periodes de stratification thermique, les densites sont en general relevees pour les trois couches thermiques. Le rapport donne egalement des renseignements sur les methodes de prelevement, les limites de la thermocline, la temperature de l'epilimnion et la visibilite mesuree à l'aide d'un disque de Secchi.

Mots-cles: zooplancton; methodes de prelevement; lac du Precambrian Shield.

INTRODUCTION

The effects of nutrient enrichment on phytoplankton and water chemistry of Lake 227, Experimental Lakes Area (ELA) have been well documented (Schindler et al. 1971; Schindler et al. 1973; Schindler and Fee 1974; Schindler 1975; Findlay and Kling 1975; Findlay 1978). The purpose here is to report densities (individuals m^{-3}) of zooplankton species, including life stages of copepods, from Lake 227 for the years 1969 to 1978. During periods of thermal stratification, densities generally are separately reported for the three thermal layers. Densities for rare species are not reported, but all species present are listed in Table 2, and data for rare species are on file in the Freshwater Institute. The zooplankton data from Lake 227 for the years 1969-1974 are analyzed by Malley et al. (in prep.) which describes changes in the composition of the zooplankton community under a m^2 of lake surface as a result of enrichment. Data on fecundity for the years 1969-1978 will be reported elsewhere.

METHODS

Lake 227 is situated in ELA at 49°42'N and 93°42'W (Cleugh and Hauser 1971). The lake is 5.0 hectares in area, roughly circular in outline, with a mean depth of 4.4 m and a maximum depth of 10.0 m in the centre of the lake. Volume is 2.2 x 10^5 m^3. From 1969 to 1974, Lake 227 received 0.5 g PO4-P and 7 g NO3-N $m^{-2}yr^{-1}$ or an N:P ratio of 14:1. From 1975 to the present fertilization was 0.5 g PO4-P and 2.5 g NO3-N $m^{-2}yr^{-1}$ or N:P of 5:1. The lake and the enrichment procedure for 1969 to 1974 are further described by Schindler et al. (1971) and Schindler et al. (1973).

The zooplankton sampling program in Lake 227 began in May 1969. Samples were taken from the centre of the lake. From May 17, 1969 to June 10, 1975 samples were obtained by using a transparent trap (Schindler 1969) of 28.7 L capacity. Samples were taken in a vertical series at 1 m or occasionally 2 m depth intervals and screened through a 53p mesh net. Trapfuls from a thermal layer were pooled giving an epilimnion, a metalimnion and a hypolimnion sample for each date. During periods of non-stratification, trapfuls from the entire water column were pooled.

In order to conserve sampling effort, a 9.1 L plexiglass tube, 7.6 cm in diameter and 2 m in length, was used from 10 July 1975 to 28 September 1976. The sampling was repeated 10 times and individual samples, after filtration through 53p mesh net, were pooled. Samples for this period thus represent the 0 to 2 m layer only.

In 1977, samples were taken with a 4 barrel non-closing sampler which was hauled from the lake bottom to the lake surface, then from the lower limit of the thermocline to the lake surface and finally from the upper limit of the thermocline to the lake surface. Samples were thus overlapping and raw counts for the metalimnion were obtained by subtracting epilimnion raw counts from metalimnion plus epilimnion raw counts. Similarly, hypolimnion raw counts were derived by subtracting metalimnion plus epilimnion raw counts from whole column raw count. Negative densities resulting from these subtractions are represented in Appendix 1 as zeros. This sampler consisted of two 15 cm inside diameter plexiglass rings, 30 cm in depth joined together by 1.2 cm wide steel strapping so that the distance between their nearest edges was 26 cm. Perpendicular to this strapping was 12 cm of steel strapping attached to two 7.5 cm inside diameter plexiglass rings, 30 cm in depth. The large cylinders bore nets of 153p mesh, whereas the small cylinders bore 53p mesh nets. All nets were 1.5 m long and were tapered to 3.5 cm diameter at the lower edge. Three hauls were performed on each lake layer. The results of the three hauls were pooled separately for the large and for the small mesh nets.

In order to sample discretely the three thermal layers, a closing sampler was developed by W. Burton of the Freshwater Institute (Fig. 1). This was hauled from the bottom of the layer of interest to the top of that layer where it was closed by messenger. This sampler, employed in 1978, had one barrel fitted with a 53p mesh net and the other with a 153p mesh net, both 1.5 m long and tapering to 3.5 cm diameter. The sampler was hauled three times through each layer and the large and small mesh samples were separately pooled for each layer. A summary of sampling techniques employed during the period 1969-1978 and the volumes of lake sampled are given in Table 1.

Although different sampling devices were used during these years, treatment of samples was consistent and is described by Delbaere and Findlay (in prep.). All samples were preserved immediately with 4% formaldehyde. From one to three lmL aliquots from each sample were counted using an RA microscope and a Sedgwick-Rafter counting chamber. Adult crustaceans were identified to species. Eggs per female were recorded. Non-adult copepods were assigned as calanoid or cyclopoid and were identified to naupliar or copepodid stage. Cladocerans were sized and for each species five size categories were selected for treating size distribution data. Where possible, rotifers were identified to species, otherwise to genus. Ovid rotifers as well as total rotifers of each species were enumerated.

Identifications were made using Ward and Whipple (1959) and Brooks (1957) for crustaceans and Ruttner-Kolisko (1974) for rotifers.

RESULTS

This report describes only the samples obtained with the 54 mesh nets. Results of sampling with 153p mesh nets are on file in the Freshwater Institute.

The zooplankton species identified from Lake 227 and their relative abundance during the period 1969-1978 are listed in Table 2. Table 3 shows the thermocline limits to identify the periods of thermal stratification. This table also includes information on Secchi disc visibility and epilimnion temperature on or near each sampling date. Density of individual zooplankton species or life stages expressed as number of individuals per m^3 on each sampling date is presented in Appendix 1. The depths of the sampling layers are included for

each date. In most cases, during the period of thermal stratification, the sampling layers of upper, middle and lower represent epilimnion, metalimnion and hypolimnion, respectively. Nevertheless, occasionally the sampling layers may be 1 m or rarely 2 m out of coincidence with the thermal layers.

ACKNOWLEDGMENTS

We acknowledge the assistance of the field crews through the years in the collection of samples and field data, including Eric Matheson, John Penny, Ian Thorleifson, Robert France and Shawn Prytchitka. We thank Prof. B. Pjeler of the University of Uppsala and R. Chengalath of the National Museums, Ottawa, for their assistance with portions of the manuscript.

REFERENCES

BROOKS, J. L. 1957. The systematics of North American *Daphnia*. Mem. Conn. Acad. Arts Sci. 13: 1-180.

CLEUGH, T. R., and B. W. HAUSER. 1971. Results of the initial survey of the Experimental Lakes Area, northwestern Ontario. J. Fish. Res. Board Can. 28: 129-137.

DELBAERE, I. L., and W. J. FINDLAY. A guide to sampling and identification of zooplankton from northwestern Ontario and western Manitoba. (In prep.).

FINDLAY, D. L. 1978. Seasonal successions of phytoplankton in seven lake basins in the Experimental Lakes Area, Northwestern Ontario, following artificial eutrophication. Data from 1974 to 1976. Can. Fish. Mar. Serv. MS Rep. 1466: iv + 41 p.

FINDLAY, D. L., and H. J. KLING. 1975. Seasonal succession of phytoplankton in seven lake basins in the Experimental Lakes Area, Northwestern Ontario, following artificial eutrophication. Can. Fish. Mar. Serv. Tech. Rep. 513: 53 p.

MALLEY, D. F., P. S. S. CHANG, and D. W. SCHINDLER. Decline of zooplankton populations following eutrophication of Lake 227, Experimental Lakes Area, Ontario: 1969-1974. (In prep.).

RUTTNER-KOLISKO, A. 1974. Plankton rotifers: Biology and taxonomy (translated by G. Kolisko). BinnengeWasser 26(1): 1-146.

SCHINDLER, D. W. 1969. Two useful devices for vertical plankton and water sampling. J. Fish. Res. Board Can. 26: 1948-1955.

. 1975. Whole-lake eutrophication experiments with phosphorus, nitrogen and carbon. Int. Ver. theor. angew. Limnol. Verh. 19: 3221-3231.

SCHINDLER, D. W., F. A. J. ARMSTRONG, S. K. HOLMGREN, and G. J. BRUNSKILL. 1971. Eutrophication of lake 227, Experimental Lakes Area, northwestern Ontario, by addition of phosphate and nitrate. J. Fish. Res. Board Can. 28: 1763-1782.

SCHINDLER, D. W., and E. J. FEE. 1974. Experimental Lakes area: whole-lake experiments in eutrophication. J. Fish. Res. Board Can. 31: 937-953.

SCHINDLER, D. W., H. KLING, R. V. SCHMIDT, J. PROKOPOWICH, V. E. FROST, R. A. REID, and M. CAPEL. 1973. Eutrophication of lake 227 by addition of phosphate and nitrate: the second, third, and fourth years of enrichment, 1970, 1971, and 1972. J. Fish. Res. Board 30: 1415-1440.

WARD, H. B., and G. C. WHIPPLE. 1959. Freshwater biology. W. T. Edmondson (ed.) 2nd edition. John Wiley and Sons, New York and London. 1248 p.

Table 1. Summary of methods used to sample zooplankton of Lake 227 during 1969-1978

Period When Used	Sampling Device	Mesh Size of Nets	Vol. or Area of Sampler	Vol. of Lake Water Sampled	Remarks
May 1969 - June 1975	Schindler trap	53p	28.7 L	28.7 L x no. of trapfuls pooled	Vertical series at 1 m intervals
July 1975 - Sept 1976	2 m long plexi-glass tube	53p	9.1 L	91 L	Surface to 2 m only
May - Nov 1977	4 barrel non-closing sampler	53p (also 153p)	88.357 cm	Area of sampler x no. of hauls x depth of lake layer in m	Vertical hauls from various depths to the surface
May - Oct 1978	2 barrel closing sampler	53p (also 153p)	130.698 cm	Area of sampler x no. of hauls x depth of lake layer in m	Vertical hauls at various depths

Table 2. Zooplankton species identified from Lake 227 during the period 1969-78. A + indicates that a species was present in low numbers usually less than 1,000 m^{-3} for crustaceans and 10,000 m^{-3} for rotifers, ++ indicates that it was frequently more numerous, and - indicates that no organisms were found in the subsamples.

Species	Year									
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Phylum Arthropoda										
Class Crustacea										
Subclass Branchiopoda										
Division Oligobranchipoda										
Order Cladocera										
Suborder Calyptomera										
Family Daphniidae										
Daphnia retrocurva Forbes	++	++	++				-	-		+
Ceriodaphnia sp.							-	-		+
Family Bosminidae										
Bosmina Zongirostris (Mull.)	++	++	++	++	+	++	+	+	+	++
Family Sididae										
Diaphanosoma brachyurum (Lievin)	++	++	++	+	+	++	-	+	++	++
Family Holopedidae										
Holopedium gibberum Zaddach	++	++	+		-	+				
Family Chydoridae										
Chydorus sphaericus MUll.	-		+	+	+	-				
Alona sp.										
Subclass Copepoda										
Order Eucopepoda										
Suborder Calanoida										
Family Diaptomidae										
Diaptomus minutus Lillj.	++	++	++	++						
Diaptomus Zeptopus Forbes										
Family Temoridae										
Epischura Zacustris Forbes					-	+		-	+	+
Calanoid nauplii	++	++	++	++	+	+	+	+	+	++
Calanoid copepodids	++	++	++	+		+	+	+	+	
Suborder Cyclopoida										
Family Cyclopidae										
Cyclops bicuspidatus thomasi Forbes			++	+	+	-		-	+	+
Cyclops vernalis Fischer	-		+	+	+	-		-	-	-
Mesocyclops edax (Forbes)	++		+	+		+	+	-	+	+
Tropocyclops prasinus mex. Kiefer			-	-		-	+	+	+	+
Orthocyclops modestus (Herrick)										
Cyclopoid nauplii	++	++	++	++	++	++	++	++	++	++
Cyclopoid copepodids	++	++	++			++				++

Table 2. Cont'd.

Species	Year									
	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Phylum Rotifera										
Class Monogononta										
Order Flosculariacea										
Family Conochilidae										
Conochilus unicorns Rousselet	-	-	-	-		+	+	-	+	
Conochilus sp.	+		+	+	+	+	+	-	+	++
Family Testudinellidae										
Filinia Zongiseta (Ehrbg.)	++	++	++	++	++	+	+	+	++	+
Order Collothecacea										
Family Collothecidae										
Collotheca sp.										
Order Ploima										
Family Notommatidae										
CephaZodella sp.	-	-		-	-	-	-		-	+
Mbnommata sp.	–	–		–	–	+	–		–	–
Scaridium Zongicaudum (M011.)				-	-		-	+	+	-
Family Synchaetidae										
PZoesoma truncatum (Levander)		-	-	-	-	+	-		-	-
Ploesoma sp.			–	–	–	+	–		–	-
Polyarthra vulgaris Carlin	++	++	++	++	++	++	++	++	++	++
Polyarthra remata (Skorikow)	+	++	++	++	++	++	++	++	++	++
Polyarthra dolichoptera (Idelson)										
Synchaeta spp.	–				-	++	+	+	+	- ++
Family Gastropodidae										
Ascomorpha sp.	-	-		-		+		+	T	+
Gastropus sp.	-	-	-	-	-	+	+	+	+	+
Family Trichocercidae										
Trichocerca cylindrica (Imhof)	+	+	+	+	+	+	+	+	+	+
Trichocerca multicrinis (Kellicott)	-	-	-		+	+	+	+	+	–
Trichocera similis (Wierzejski)	-	-	-		-	-	-	-		+
Family Asplanchnidae										
Asplanchna priodonta Gosse	++	++	++	++	++	+	+	+		++
Family Brachionidae										
Brachionus quadridentatus Hermann	-		-		-	+	+	+		+
Brachionus sp.	+	+	+	+	+	-	-	-	+	-
Keratella taurocephala (Myers)	++	+	+	+	+	+	+	+	+	+
Keratella cochlearis (Gosse)	++	++	++	++	++	+	++	++	++	++
Keratella quadrata (M011.)	++	++	+	+	++	++	+	+	++	++
Kellicottia Zongispina (Kellicott)	++	++	++	+	+	+	+	+	++	++
Kellicottia bostoniensis (Rousselet)	-		++	++	+	++	+	+	++	++

Table 2. Cont'd.

Species	Year									
	969	1970	1971	1972	1973	1974	1975	1976	1977	1978
Colurella colurus (Ehrbg.)		-	-	-	-	+	-	-		1
Colurella obtusa (Gosse)		-	-	-	-	+	+		-	
Colurella sp.		-	-	-	-		-	+		+
Macrochaetus Zongipes Myers		-	-	-	-		+	-	+	+
Macrochaetus collinsi (Gosse)		-	-	-	-	+	-		-	-
Lepadella ovalis (Mull.)		-	-	-	-	+	-		+	_
Lepadella sp.		-	-	-	-	+	+	-	+	+
Euchlanis dilatata Ehrbg.		-	-	-	-		-	+	-	-
Suchlanis sp.		-	-		-			-	-	
Trichotria tetractis (Ehrbg.)		-	-	-	-	+	-		+	
Trichotria pocillum (Mull.)				-	-		+	-	+	+
Anuraeopsis fissa (Gosse)	-	-	++	++	++	++	++	++	++	++
Lecane sp.	+	+	+	+	+	+	+	+	+	+
monostyla sp.	-	-	-	-	_	+	+	+	+	+
Other globular rotifers *	++	++	++	++	++					

* Samples for the periods 1969-73 and 1974-78 were identified and enumerated by two different workers. Some species of rotifers grouped as "other globular rotifers" in the first period have been identified more completely during the later period as species of *Synchaeta* and *Asplanchna.*

Table 3. Thermocline limits and epilimnion temperature during the periods of thermal stratification, Secchi visibility on or near zooplankton sampling dates in Lake 227 1969-1978. NS indicates no thermal stratification.

Date	Thermocline Limits (m)	Epilimnion Temp °C	Secchi Visibility (m)
May 17, 1969	3-5	11.94	3.70
May 27	2-5	17.00	
June 11	2-5	16.70	
June 25	2-5	16.80	
July 7	3-6	18.00	2.00
July 17	4-8	22.00	
July 22	3-6	22.50	1.80
Aug 3	3-6	23.00	1.20
Aug 22	3-6	22.50	1.30
Sept 3	3-6	21.00	1.70
Sept 8	4-6	15.50	1.60
Sept 17	4-6	16.50	-
Oct 1	5-6	10.50	-
Oct 29	NS	-	2.50
Nov 12	NS	-	2.80
May 16, 1970	NS	-	3.20
May 18	2-4	9.25	2.60
May 19	1-4	12.60	2.60
May 25	2-4	14.25	3.10
May 28	2-5	12.00	3.00
June 2	1-5	14.20	2.90
June 9	2-5	22.35	2.00
June 16	1-4	21.00	2.20
June 22	2-5	21.15	1.60
June 30	2-5	22.50	1.30
July 7	2-5	22.75	1.40
July 14	2-5	26.00	1.20
July 21	2-5	23.00	1.00
July 28	2-6	23.00	0.95
Aug 4	3-6	20.00	0.95
Aug 11	2-6	24.00	0.75
Aug 18	3-6	21.00	0.95
Aug 25	3-6	20.00	0.75
Sept 1	3-6	17.90	0.90
Sept 8	3-6	18.10	1.10
Sept 15	4-6	12.08	-
Sept 22	4-6	13.25	1.50

Date	Thermocline Ltmtts (m)	Epilimnion Temp °C	Secchi Visibility (m)
Sept 29, 1970	5-7	11.40	2.20
Oct 6	5-7	10.05	3.40
Oct 13	NS	–	2.80
Oct 20	NS		2.30
Oct 27	NS		2.90
Nov 10	NS	-	2.70
May 4, 1971	2-3	9-12	3.60
May 11	2-4	12.32	3.40
May .18	3-5	12.55	-
June 8	2-5	18.06	1.40
June 15	2-6	22.43	1.10
June 22	2-6	21.92	1.00
June 29	3-6	21.35	1.60
July 6	3-6	21.50	1.10
July 13	3-6	20.35	1.20
July 20	3-6	21.43	0.90
July 27	3-6	18.75	3.20
Aug 3	4-6	17.02	3.20
Aug 10	2-6	21.95	1.10
Aug 17	3-7	19.65	1.10
Aug 24	3-7	19.44	0.90
Aug 31	3-7	19.70	0.80
Sept 7	3-7	19.80	1.20
Sept 14	4-7	17.55	1.60
Sept 21	5-6	13.43	1.80
Sept 28	4-7	12.65	2.00
Oct 5	5-7	11.90	2.60
Oct 12	6-7	9.48	2.50
Oct 19	NS	-	2.80
Oct 26	NS		3.60
May 9, 1972	2-4	10.68	3.20
May 16	2-5	15.88	2.20
May 29	2-5	17.61	0.80
June 13	3-5	17.98	0.80
June 27	2-6	22,20	0.50
July 11	2-5	22,01	0.50
July 25	3-6	19.40	0.40
Aug 8	3-6	17,48	0.70
Aug 22	3-6	22.30	0.50
Sept 5	3-6	16.53	0.80
Sept 19	4-6	13.85	1.40

Table 3 Cont'd.

Date	Thermocline Limits (m)	Epilimnion Temp °C	Secchi Visibility (m)
Oct 3, 1972	6-7	9.26	-
Oct 17	NS	-	1.70
May 2, 1973	3-4	7.28	2.40
May 15	3-5	11.45	2.85
May 28	2-6	16.57	1.10
June 11	3-6	16.83	0.75
June 25	2-6	21.25	0.75
July 9	2-6	21.88	0.50
July 23	2-6	21.66	-
Aug 6	2-6	22.13	1.20
Aug 20	2-7	21.89	0.90
Sept 3	3-7	20.45	1.60
Sept 17	4-7	13.00	1.60
Oct 1	4-6	12.82	1.75
Oct 15	5-7	9.24	1.75
Oct 29	NS	-	1.75
Nov 6	NS	-	2.00
May 21, 1974	1-4	13.12	2.80
June 4	2-4	18.37	1.50
June 18	2-5	16.36	0.60
July 2	2-5	21.32	0.60
July 16	3-5	23.41	1.20
July 30	3-6	18.62	0.60
Aug 27	4-6	15.95	1.20
Sept 10	4-6	14.32	1.00
Sept 24	5-6	10.62	0.90
Oct 8	NS	-	0.75
Oct 22	NS		0.75
Nov 5	NS	-	1.25
May 13, 1975	2-5	13.80	2.30
June 10	2-5	17.21	1.00
July 8	2-6	23.31	0.80
July 22	3-6	22.68	1.00
Aug 5	3-6	22.00	1.00
Aug 19	3-6	18.22	1.50
Sept 16	4-6	12.74	1.50
Sept 30	4-7	12.79	1.80

Date	Thermocline Limits (m)	Epilimnion Temp °C	Secchi Visibility (m)
Oct 14, 1975	5-7	10.38	2.50
Oct 28	NS		1.75
Nov 11	NS		2.40
May 11, 1976	2-4	11.68	3.10
June 8	3-6	23.47	1.60
July 6	2-6	23.39	1.90
Aug 3	3-7	21.38	1.20
Aug 31	4-7	18.54	1.75
Sept 28	6-7	10.40	1.90
May 3, 1977	2-4	12.05	2.50
May 31	2-5	22.19	2.00
June 14	3-5	17.00	2.00
June 28	2-5	22.72	1.50
July 12	3-6	20.39	1.50
July 26	3-6	22.24	1.20
Aug 9	3-6	20.05	1.00
Aug 23	4-7	16.62	1.00
Sept 20	4-7	13.59	1.25
Oct 18	NS	-	1.20
Nov 1	NS	-	1.50
May 9, 1978	2-4	9.71	
May 23	2-4	16.70	2.70
June 6	2-4	16.82	1.60
June 20	2-5	18.18	2.80
July 18	2-6	21.45	1.70
Aug 1	3-6	19.49	1.60
Aug 29	3-6	17.55	0.92
Sept 12	4-6	15.79	1.00
Oct 24	NS		1.00

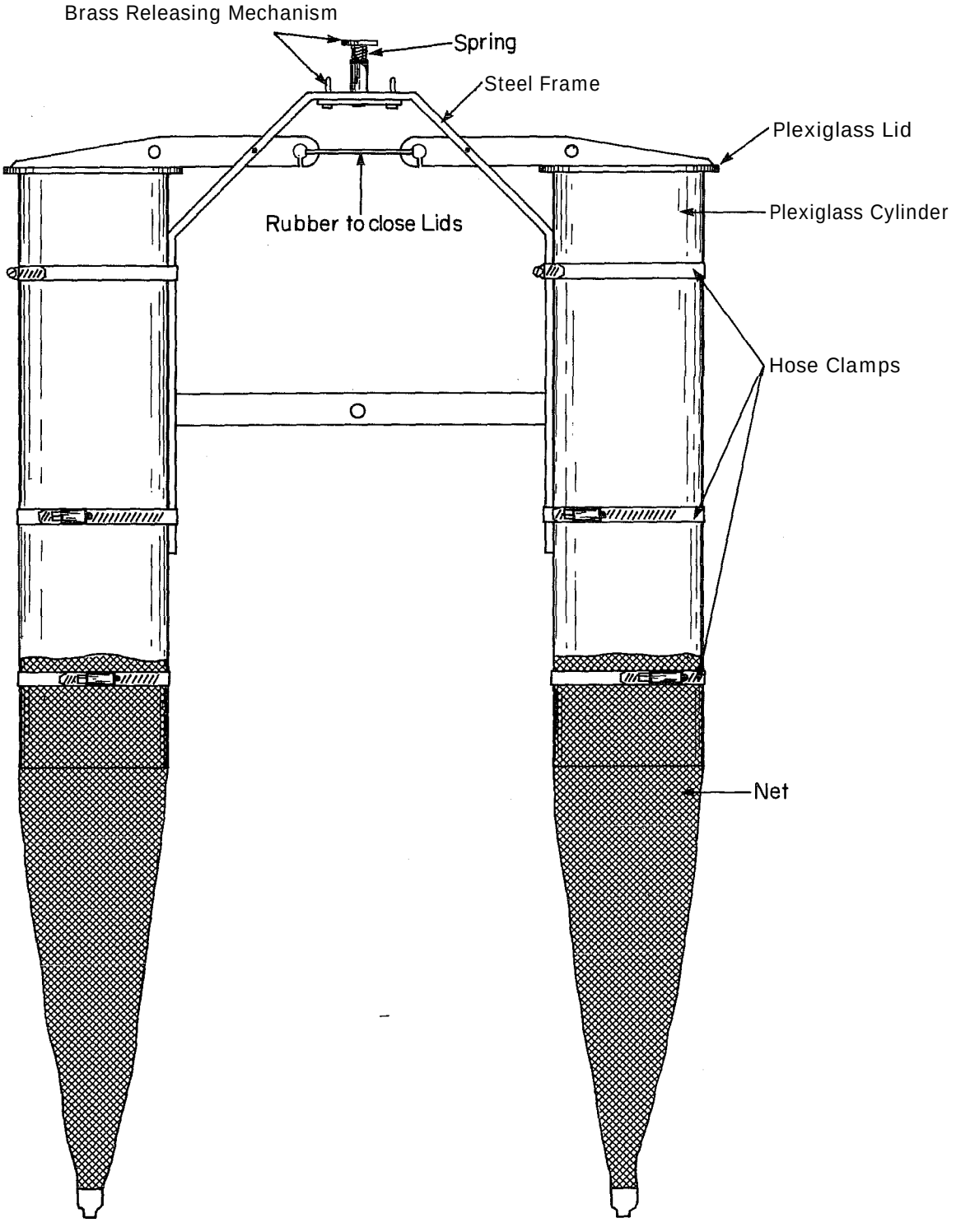

Fig. 1. Schematic diagram of the two-barrel closing zooplankton sampler. Scale is 1:4 except for the nets which are 1.5 m long and not drawn to scale. Plexiglass cylinders are 12.9 cm in inside diameter. Brass fittings at the bottom of the net are 3.5 cm in diameter at the top. They are fitted with rubber tubing and pinch clamps for removal of zooplankton. At the top of the nets is a canvas sleeve which is secured by the hose clamp. The cable for hauling the sampler is attached to the hole in the main cross support. During descent and upward haul the plexiglass lids are held in a vertical position by cords or wire through the holes in the lid to the pins of the brass-releasing mechanism. To close at depth a messenger is released which depresses the mechanism, displacing the cord and the lids close.

APPENDIX I

Density as individuals m^{-3} of zooplankton species or life stages on each sampling date for the years 1969 to 1978. Density is shown for each sampling layer during periods of thermal stratification or for the entire water column during non-stratification. The depth limits of each sampling layer is included. The results of sampling the entire water column are shown in the "upper" column of the table. Dashes indicate no sample was taken; zeroes indicate no animals were counted in the subsamples.

a. Cladocera

DAPHNIA RETROCURVA
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
LAY 17	0- 5		5- 10	0		0
NAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	307		0
JUN 5	0- 6		6- 10	0		192
JUN 11	0- 4		4- 10	192		128
JUN 19	0- 4		4- 10	192		511
JUN 25	0- 4		4- 10	0		767
JUL 3	0- 5		5- 10	0		920
JLL 7	0- 4		4- 10	0		2555
JUL 17	0- 5	---	5- 10	767	----	2146
JUL 22	0- 4	---	4- 10	0	---	11243
JUL 30	0- 3	3- 6	6- 10	0	4855	6132
AUG 7	0- 3	3- 6	6- 10	0	2811	8049
AUG 18	0- 3	3- 6	6- 10	0	10221	383
AUG 27	0- 3	3- 6	6- 10	0	511	1150
SEP 3	0- 3	3- 6	6- 10	256	511	575
SEP 11	0- 3	3- 6	6- 10	0	767	192
SEP 18	0- 3	3- 6	6- 10	0	511	192
CCT 1	0- 3	3- 6	6- 10	0	0	0
CCT 28	0- 10	---		0	----	____
NOV 12	0- 9			0		
EEC 9	0- 9			0		

DAPBRIA RETROCURVA
1970

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEE 26	0- 10			0		
APR 9	0- 10			0		
RAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
DAY 25	0- 10			0		
LAY 28	0- 10	---		0	----	____
JUN 2	0- 10	---		77	----	____
JUN 9	0- 2	2- 4	4- 10	0	784	0
JUN 16	0- 2	2- 4	4- 10	0	0	224
JUN 22	0- 2	2- 5	5- 10	0	1045	314
JUN 30	0- 2	2- 5	5- 10	0	0	314
JUL 7	0- 2	2- 5	5- 10	0	1568	4704
JUL 14	0- 2	2- 5	5- 10	0	4704	6899
JUL 21	0- 2	2- 5	5- 10	0	1568	1254
JUL 28	0- 2	2- 5	5- 10	0	523	1254
AUG 3	0- 3	3- 5	5- 10	0	784	314
AUG 11	0- 3	3- 5	5- 9	0	784	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	5	5- 10	0	1568	314
SEP 1	0- 4	4- 6	6- 10	0	0	0
EEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	314	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
EEP 29	0- 5	5- 7	7- 10	0	0	0
CCT 6	0- 5	5- 7	7- 10	314	0	0
OCT 13	0- 10			0	____	----
OCT 20	0- 10			0		
CCT 27	0- 10			0		
NOV 10	0- 10			0		
EEC 9	0- 10			0		

DAPHNIA. RETROCURVA
1971

LASE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	0100CR	LOWEr
JAN 20	0- 10			0		
FEE 23	0- 10			0		
RAE 31	0- 10		---	0		----
LAY 4	0- 10		---	0		----
RAY 11	0- 3		3- 10	0		0
LAY 18	0- 4	---	4- 10	0	----	0
JUN 1	0- 4	---	4- 10	392	----	0
JUN 8	0- 3	3- 6	6- 10	0	0	627
JUN 15	0- 4	4- 7	7- 10	0	0	392
JUN 22	0- 4	4- 7	7- 9	0	523	0
JUN 29	0- 4	4- 7	7- 10	0	2091	392
JUL 6	0- 4	4- 7	7- 10	0	3136	1960
JUL 13	0- 4	4- 7	7- 10	0	1568	1176
JUL 20	0- 3	3- 6	6- 10	523	0	1568
JUL 27	0- 4	4- 7	7- 10	0	1568	2744
AUG 3	0- 4	4- 7	7- 10	0	9408	3920
AUG 10	0- 3	3- 7	7- 10	1045	2352	1568
AUG 17	0- 4	4- 7	7- 10	0	0	784
AUG 24	0- 4	4- 7	7- 10	0	0	392
AUG 31	0- 4	4- 7	7- 10	0	0	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
EEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6	6- 7	7- 10	261	0	0
OCT 12	0- 7	---	7- 10	0	----	392
OCT 19	0- 7	---	7- 10	0		0
OCT 26	0- 10			0		----

DAPHNIA RETROCURVA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
RAY 9	0- 7	---	7- 10	0	----	0
RAY 16	0- 3	3- 6,	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	784	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	523	0	627
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10	---	---	0	____	----

DAPHNIA RETROCURVA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
FAY 15	0- 6	---	6- 10	0		0
FAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			143		

DAPHNIA RETROCURVA
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
FAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		697	348	
JUL 30	0- 3	3- 5		232	2787	
AUG 13	0- 3	3- 6		0	1161	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0	---	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

DAPHNIA RETROCURVA
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
CCT 28	0- 2			0		
NOV 11	0- 2			0		

DAPHNIA RETROCURVA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

DAPHNIA RETROCURVA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE.	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9			0		
NOV 1	0- 10			0		

DAPHNIA RETROCURVA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	- —
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	0	2754	574
AUG 1	0- 2	2- 6	6- 9	0	2915	583
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	- -	0		

BOSMINA LONGIROSTRIS
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	7972		6643
MAY 22	0- 4		4- 10	7091		1533
MAY 27	0- 5		5- 10	60864		22077
JUN 5	0- 6		6- 10	27340		14756
JUN 11	0- 4		4- 10	19739		18142
JUN 19	0- 4		4- 10	8815		7538
JUN 25	0- 4		4- 10	4216		2172
JUL 3	0- 5		5- 10	2913		2760
JUL 7	0- 4		4- 10	2108		767
JUL 17	0- 5	---	5- 10	6286	----	2146
JUL 22	0- 4	---	4- 10	2300	----	2300
JUL 30	0- 3	3- 6	6- 10	2044	511	575
AUG 7	0- 3	3- 6	6- 10	1533	0	0
AUG 18	0- 3	3- 6	6- 10	767	1789	958
AUG 27	0- 3	3- 6	6- 10	1789	1022	383
SEP 3	0- 3	3- 6	6- 10	2300	2555	767
SEP 11	0- 3	3- 6	6- 10	767	1789	767
SEP 18	0- 3	3- 6	6- 10	511	1278	1916
OCT 1	0- 3	3- 6	6- 10	511	256	0
OCT 28	0- 10	---		77	----	----
NOV 12	0- 9			767		
DEC .9	0- 9			426		

BOSMINA LONGIROSTRIS
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			1022		
FEB 26	0- 10			690		
APR 9	0- 10			613		
MAY 8	0- 10			690		
MAY 16	0- 6			767		
MAY 18	0- 10			997		
MAY 19	0- 10			613		
MAY 25	0- 10			836		
MAY 28	0- 10			230	----	---
JUN 2	0- 10			1226	----	----
JUN 9	0- 2	2- 4	4- 10	31359	19599	2352
JUN 16	0- 2	2- 4	4- 10	25087	5488	5152
JUN 22	0- 2	2- 5	5- 10	14895	35540	
						11603
JUL 28	0- 2	2- 5	5- 10	2352	6272	2195
AUG 3	0- 3	3- 5	5- 10	1045	2352	2822
AUG 11	0- 3	3- 5	5- 9	0	784	0
					1045	392
				9		
OCT 6	0- 5	5- 7	7- 10	627	1568	1045
OCT 13	0- 10			470	----	----
OCT 20	0- 10			1411		
OCT 27	0- 10			1098		
NOV 10	0- 10			1098		
DEC 9	0- 10			2195		

BOSMINA LONGIROSTRIS
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			627		
FEB 23	0- 10			941		
MAR 31	0- 10			1098		----
MAY 4	0- 10			157		----
MAY 11	0- 3		3- 10	4181		1344
MAY 18	0- 4		4- 10	10976	----	6010
JUN 1	0- 4		4- 10	17639	----	3920
JUN 8	0- 3	3- 6	6- 10	8362	36063	17875
JUN 15	0- 4	4- 7	7- 10	7840	62195	44686
JUN 22	0- 4	4- 7	7- 9	2744	31359	3136
JUN 29	0- 4	4- 7	7- 10	3528	29791	13720
JUL 6	0- 4	4- 7	7- 10	1176	5226	3136
JUL 13	0- 4	4- 7	7- 10	1176	5226	3136
JUL 20	0- 3	3- 6	6- 10	523	1568	2195
JUL 27	0- 4	4- 7	7- 10	4312	3659	1960
AUG 3	0- 4	4- 7	7- 10	5880	2613	3920
AUG 10	0- 3	3- 7	7- 10	5226	2352	1960
AUG 17	0- 4	4- 7	7- 10	784	2613	392
AUG 24	0- 4	4- 7	7- 10	392	3136	784
AUG 31	0- 4	4- 7	7- 10	1176	1045	392
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	784	0	0
SEP 21	0- 5	5- 7	7- 10	314	1568	392
SEP 28	0- 4	4- 7	7- 10	392	523	392
OCT 5	0- 6	6- 7	7- 10	0	4704	0
OCT 12	0- 7	---	7- 10	672		1176
OCT 19	0- 7	---	7- 10	0	----	784
OCT 26	0- 10			998		----

BOSMINA LONGIROSTRIS
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	784	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	784	0
JUL 25	0- 3	3- 6	6- 10	0	1568	627
AUG 8	0- 3	3- 6	6- 10	1045	1045	
AUG 22	0- 3	3- 6	6- 10	523	1045	M3
	0- 4	4- 7	7- 10	0	523	392
SEP 19	0- 4	4- 6	6- 10	392		627
OCT 3	0- 6	6- 8	8- 10	261	2352	3136
OCT 17	0- 10		--	1568	1568	----

BOSMINA LONGIROSTRIS
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		261	----	----
MAY 15	0- 6	---	6- 10	523	----	314
MAY 28	0- 3	3- 7		0	392	---
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	--		0	---	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0	----	
OCT 1	0- 5			314		
OCT 15	0- 6			261		
OCT 29	0- 8			0		
NOV 6	0- 10			2423		

BOSMINA LONGIROSTRIS
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		232	697	
JUL 2	0- 2	2- 5		1045	465	
JUL 16	0- 3	3- 5		465	697	
JUL 30	0- 3	3- 5		6272	8014	
AUG 13	0- 3	3- 6		465	465	
AUG 27	0- 4	4- 6		1742	1045	
SEP 10	0- 4	4- 6		1045	0	
SLP 24	0- 5	5- 6		279	2091	
OCT 8	0- 8	---		610	----	
OCT 22	0- 10			0		
NOV 5	0- 10			63		

BOSMINA LONGIROSTRIS
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			87		
JUL 10	0- 2			3736		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

BOSMINA LONGIROSTRIS
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			659		

BOSMINA LONGIROSTRIS
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	970	0
JUN 14	0- 3	3- 5	5- 10	0	2546	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	--	0	0	
OCT 18	0- 9	---		0	----	
NOV 1	0- 10			0		

BOSMINA LONGIROSTRIS
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	--	0	----	----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	680	437	0
JUL 11	0- 3	3- 5	5- 9	96390	34430	7747
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	57	----	

DIAPHANOSONA BRACHYURUM
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	460		0
JUN 5	0- 6		6- 10	0		192
JUN 11	0- 4		4- 10	192		639
JUN 19	0- 4		4- 10	383		383
JUN 25	0- 4		4- 10	1341		383
JUL 3	0- 5		5- 10	307	---	920
JUL 7	0- 4		4- 10	767	----	1022
JUL 17	0- 5	---	5- 10	9659	----	3986
JUL 22	0- 4	---	4- 10	13606	----	9710
JUL 30	0- 3	3- 6	6- 10	7410	12009	3258
AUG 7	0- 3	3- 6	6- 10	4599	5877	192
AUG 18	0- 3	3- 6	6- 10	2300	7921	1150
AUG 27	0- 3	3- 6	6- 10	1022	4344	192
SEP 3	0- 3	3- 6	6- 10	0	256	0
SEP 11	0- 3	3- 6	6- 10	0	767	0
SEP 18	0- 3	3- 6	6- 10	0	511	0
OCT' 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---		0	____	____
NOV 12	0- 9			0		
DEC 9	0- 9			0		

DIAPHANOSOMA BRACHYURUM
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10			0	----	
JUN 2	0- 10			0	----	----
JUN 9	0- 2	2- 4	4- 10	2352	784	0
JUN 16	0- 2	2- 4	4- 10	1568	3136	0
JUN 22	0- 2	2- 5	5- 10	1568	4181	941
JUN 30	0- 2	2- 5	5- 10	0	3136	0
JUL 7	0- 2	2- 5	5- 10	784	19861	2509
JUL 14	0- 2	2- 5	5- 10	0	3136	0
JUL 21	0- 2	2- 5	5- 10	0	523	314
JUL 28	0- 2	2- 5	5- 10	0	1045	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	523	1568	0
SEP 1	0- 4	4- 6	6- 10	392	3136	0
SEP 8	0- 4	4- 7	7- 10	0	0	523
SEP 15	0- 5	5- 7	7- 10	1882	0	523
SEP 22	0- 4	4- 7	7- 10	784	1045	0
SEP 29	0- 5	5- 7	7- 10	314	784	0
OCT 6	0- 5	5- 7	7- 10	627	0	0
OCT 13	0- 10		---	0	____	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

DIAPHANOSOMA BRACHYURUM
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10		--	0		
MAY 4	0- 10		---	0		
MAY 11	0- 3		3- 10	0		224
MAY 18	0- 4	---	4- 10	784	----	0
JUN 1	0- 4	---	4- 10	784	----	0
JUN 8	0- 3	3- 6	6- 10	1045	0	0
JUN 15	0- 4	4- 7	7- 10	5488	4181	1176
JUN 22	0- 4	4- 7	7- 9	1176	0	0
JUN 29	0- 4	4- 7	7- 10	392	523	392
JUL 6	0- 4	4- 7	7- 10	0	523	0
JUL 13	0- 4	4- 7	7- 10	1568	523	0
JUL 20	0- 3	3- 6	6- 10	523	1045	314
JUL 27	0- 4	4- 7	7- 10	784	2613	392
AUG 3	0- 4	4- 7	7- 10	1176	1568	392
AUG 10	0- 3	3- 7	7- 10	1045	1960	784
AUG 17	0- 4	4- 7	7- 10	392	7840	392
AUG 24	0- 4	4- 7	7- 10	0	2091	392
AUG 31	0- 4	4- 7	7- 10	0	1045	0
SEP 7	0- 4	4- 7	7- 10	392	523	392
SEP 14	0- 4	4- 7	7- 10	0	2091	0
SEP 21	0- 5	5- 7	7- 10	314	0	0
SEP 28	0- 4	4- 7	7- 10	0	523	0
OCT 5	0- 6	6- 7	7- 10	0	0	1176
OCT 12	0- 7	---	7- 10	224	----	0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10	---	---	0		____

DIAPHANOSOMA BRACHYURUM
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	0		0
MAY 16	0- 3	3- 6	6- 10	0		
MAY 29	0- 3	3- 5	5- 10	0		0
JUN 13	0- 3	3-- 6	6- 10.	0	156	
JUN 27	0- 3	3- 6	6- 10	523		0
JUL 11	0- 3	3- 5	5- 10	0		0
JUL 25	0- 3	3- 6	6- 10	0		0
AUG 8	0- 3	3- 6	6- 10	1045		0
AUG 22	0- 3	3- 6	6- 10	523		0
SEP 5	0- 4	4- 7	7- 10	0	52	0
SEP 19	0- 4	4- 6	6- 10	0		
OCT 3	0- 6	6- 8	8- 10	0		
OCT 17	0- 10	---	--	0		

UlAPHANOSOMA BRACHYURUM
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0	----	
MAY 15	0- 6	---	6- 10	0	____	0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		1045	0	
JUL 23	0- 3	3- 5		523	0	
AUG 6	0- 4	4- 6		392	0	
AUG 20	U- 3	---		0	____	
SEP 3	0- 3	3- 4		0	1568	
SEP 17	0- 5	---		0	----	
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

DIAPHANOSOMA BRACHYURUM
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	0	
JUL 2	U- 2	2- 5		348	2091	
JUL 16	0- 3	3- 5		45064	91289	
JUL 30	0- 3	3- 5		929	18467	
AUG 13	0- 3	3- 6		697	1858	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8			0	----	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

DIAPHANOSOMA BRACHYURUM
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

DIAPHANOSOMA BRACHYURUM
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			220		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			440		
AUG 31	0- 2			660		
SEP 28	0- 2			220		

DIAPHANOSOMA BRACHYURUM
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	679	2546	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	849	0	0
JUL 26	0- 3	3- 6	6- 10	2037	0	485
AUG 9	0- 3	3- 6	6- 9	4527	0	1940
AUG 23	0- 3	3- 7	7- 10	3395	3819	0
SEP 20	0- 5	5- 8	_-_	1018	0	----
OCT 18	0- 9			189	----	
NOV 1	0- 10			0		

DIAPHANOSOMA BRACHYURUM
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	3400	437	0
JUL 11	0- 3	3- 5	5- 9	31217	1377	287
AUG 1	0- 2	2- 6	6- 9	510	874	0
AUG 23	0- 2	2- 6	6- 9	0	291	0
SEP 12	0- 3	3- 6	6- 9	383	0	0
OCT 24	0- 9	---	---	0		

-4

HOLOPEDIUM GIBBERUM
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	307		256
MAY 22	U- 4		4- 10	383		548
MAY 27	0- 5		5- 10	1226		767
JUN 5	0- 6		6- 10	2938		1150
JUN 11	0- 4		4- 10	2108		3833
JUN 19	0- 4		4- 10	575		2555
JUN 25	0- 4		4- 10	0		2044
JUL 3	0- 5		5- 10	307		1840
JUL 7	0- 4		4- 10	192		256
JUL 17	0- 5	___	5- 10	0	____	0
JUL 22	0- 4	---	4- 10	0		256
JUL 30	0- 3	3- 6	6- 10	0	511	192
AUG 7	0- 3	3- 6	6- 10	0	256	192
AUG 18	0- 3	3- 6	6- 10	0	0	0
AUG 27	0- 3	3- 6	6- 10	256	1022	192
SEP 3	0- 3	3- 6	6- 10	256	256	575
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	U- 10	---		0	____	----
NOV 12	0- 9			0		
DLC 9	0- 9			0		

HOLOPEDIUM GIBBERUM
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
ILL 26	U- 10			0		
APR 9	0- 10			0		
MAY 8	U- 10			0		
MAY 16	0- 6			128		
MAY 16	0- 10			0		
MAY 19	0- 10			230		
MAY 25	0- 10			139		
MAY 28	0- 10	---	---	153	____	
JUN 2	0- 10	___	---	537	____	
JUN 9	0- 2	2- 4	4- 10	1568 ,	6272	1829
JUN 16	0- 2	2- 4	4- 10	0	9408	1568
JUN 22	0- 2	2- 5	5- 10	0	3136	941
JUN 30	0- 2	2- 5	5- 10	0-	523	0
JUL 7	0- 2	2- 5	5- 10	0	0	314
JUL 14	U- 2	2- 5	5- 10	0	523	627
JUL 21	0- 2	2- 5	5- 10	0	0	0
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	U- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	U- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10	---		0	____	----
OCT 20	U- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

HOLOPEDIUM GIBBERUM
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10			0		----
MAY 4	0- 10			0		----
MAY 11	0- 3		3- 10	523		0
MAY 18	0- 4	---	4- 10	784	----	523
JUN 1	0- 4	---	4- 10	1176	----	1568
JUN 8	0- 3	3- 6	6- 10	523	174	627
JUN 15	0- 4	4- 7	7- 10	1176	0	0
JUN 22	0- 4	4- 7	7- 9	0	523	0
JUN 29	0- 4	4- 7	7- 10	0	0	0
JUL 6	0- 4	4- 7	7- 10	0	0	0
JUL 13	0- 4	4- 7	7- 10	0	0	0
JUL 20	0- 3	3- 6	6- 10	0	0	0
JUL 27	0- 4	4- 7	7- 10	0	0	0
AUG 3	0- 4	4- 7	7- 10	0	0	0
AUG 10	0- 3	3- 7	7- 10	0	0	0
AUG 17	0- 4	4- 7	7- 10	0	0	0
AUG 24	0- 4	4- 7	7- 10	0	0	0
AUG 31	0- 4	4- 7	7- 10	0	0	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6		6- 10	0	----	0
OCT 12	0- 7		7- 10	0		- 0
OCT 19	0- 7		7- 10	0		392
OCT 26	0- 10			0		____

HOLOPEDIUM GIBBERUM
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER	m
MAY 9	0- 7		7- 10	0	----	-- 0	
MAY 16	0- 3	3- 6	6- 10	0	0	0	
MAY 29	0- 3	3- 5	5- 10	0	0	0	
JUN 13	0- 3	3- 6	6- 10	0	0	0	
JUN 27	0- 3	3- 6	6- 10	0	0	0	
JUL 11	0- 3	3- 5	5- 10	0	0	0	
JUL 25	U- 3	3- 6	6- 10	0	0	0	
AUG 8	0- 3	3- 6	6- 10	0	0	0	
AUG 22	0- 3	3- 6	6- 10	0	0	0	
SEP 5	0- 4	4- 7	7- 10	0	0	0	
SEP 19	0- 4	4- 6	6- 10	0	0	- 0	
OCT 3	0- 6	6- 8	8- 10	0	0	0	
OCT 17	0- 10		---	0			

HOLOPEDIUM GIBBERUM
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
GCT 29	0- 8			0		
NOV 6	0- 10			0		

HOLOPEDIUM GIBBERUM
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		348	697	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	U- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0	----	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

HOLOPEDIUM GIBBERUM
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

HOLOPEDIUM GIBBERUM
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

HOLOPEDIUM GIBBERUM
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9	---		0		
NOV 1	0- 10			0		

HOLOPEDIUM GIBBERUM
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0		
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0		

CHTEOFUS SPHAERICUS
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LCWEP
LAY 17	O- 5		5- 10	0		0
MAY 22	O- 4		4- 10	0		0
LAY 27	O- 5		5- 10	0		0
JUL 5	O- 6		6- 10	0		0
JUL 11	O- 4		4- 10	0		0
JUL 19	O- 4		4- 10	0		0
JUN 25	O- 4		4- 10	0		0
JUL 3	O- 5		5- 10	0		o
JUL 7	O- 4		4- 10	0		0
JUL 17	O- 5	---	5- 10	0		0
JUL 22	0- 4	---	4- 10	0		0
JUL 30	O- 3	3- 6	6- 10	0	0	0
AUG 7	O- 3	3- 6	6- 10	0	0	0
AUG 18	O- 3	3- 6	G- 10	0	0	0
AUG 27	O- 3	3- 6	6- 10	0	0	0
SEP 3	O- 3	3- 6	6- 10	0	0	0
SEP 11	O- 3	3- 6	6- 10	0	0	0
SEP 18	O- 3	3- 6	6- 10	0	0	0
OCT 1	O- 3	3- 6	G- 10	0	0	0
CCT 26	0- 10	---		0		
NOV 12	0- 9			0		
EEC 9	O- 9			0		

CHYDOFUS SPHAERICUS
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JPN 22	0- 9			0		
FEE 26	0- 10			0		
AFF 9	0- 10			0		
LAY 8	0- 10			0		
MAY 16	O- 6			0		
LAY 18	0- 10			0		
LAY 19	0- 10			0		
MAY 25	0- 10			0		
rpy 28	0- 10	---	---	0	——	——
JUN 2	0- 10	---	---	0	——	——
JUL 9	O- 2	2- 4	4- 10	0	0	0
JUN 16	O- 2	2- 4	4- 10	0	0	0
JUL 22	O- 2	2- 5	5- 10	0	0	0
JUN 30	O- 2	2- 5	5- 10	0	0	0
JUL 7	O- 2	2- 5	5- 10	0	0	0
JUL 14	O- 2	2- 5	5- 10	0	0	0
JUL 21	0– 2	2- 5	5- 10	0	0	0
JUL 2E	O- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	O- 4	4- 6	6- 10	0	0	0
PUG 25	O- 3	3- 5	5- 10	0	0	0
SEP 1	O- 4	4- G	6- 10	0	0	0
SEP E	C- 4	4- 7	7- 10	0	0	0
SEP 15	O- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	O- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
GCT 13	0- 10			0	——	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

CEYLCFUS SPPAEFICUE
1571

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10			0		----
MAY 4	0- 10			0		----
MAY 11	O- 3		3- 10	0		0
MAY 18	O- 4		4- 10	0	----	0
JUN 1	O- 4		4- 10	0		0
JUN 8	O- 3	3- 6	6- 10	0	0	0
JUN 15	O- 4	4- 7	7- 10	0	0	0
JUN 22	O- 4	4- 7	7- 9	0	0	0
JUN 29	O- 4	4- 7	7- 10	0	0	0
JUL 6	O- 4	4- 7	7- 10	0	0	0
JUL 13	O- 4	4- 7	7- 10	0	0	0
JUL 20	O- 3	3- 6	6- 10	0	0	0
JUL 27	O- 4	4- 7	7- 10	0	0	0
AUG 3	O- 4	4- 7	7- 10	392	0	0_
AUG 10	O- 3	3- 7	7- 10	0	0	o
AUG 17	O- 4	4- 7	7- 10	0	523	0
AUG 24	O- 4	4- 7	7- 10	0	0	0
AUG 31	O- 4	4- 7	7- 10	0	0	0
SEP 7	O- 4	4- 7	7- 10	0	0	0
SEP 14	O- 4	4- 7	7- 10	0	0	0
SEP 21	O- 5	5- 7	7- 10	0	0	0
SEP 28	O- 4	4- 7	7- 10	0	0	392
OCT 5	O- 6	6- 7	7- 10	0	0	0
OCT 12	0- 7	---	7- 10	0	----	0
OCT 19	O- 7		7- 10	0		o
OCT 26	0- 10			0		----

CHYDORUS SPHAERICUS
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	O- 7		7- 10	0	----	0
MAY 16	O- 3	3- 6	6- 10	0	0	O'
MAY 29	O- 3	3- 5	5- 10	0	0	0
JUN 13	O- 3	3- 6	6- 10	0	0	0
JUN 27	O- 3	3- 6	6- 10	0	0	0
JUL 11	O- 3	3- 5	5- 10	0	0	0
JUL 25	O- 3	3- 6	6- 10	0	0	0
AUG 8	O- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	6	10	0	0	0
SEP 5	O- 4	4- 7	7- 10	0	0	0
SEP 19	O- 4	4- 6	6- 10	0	0	0
OCT 3	O- 6	6- 8	8- 10	0	0	523 '
OCT 17	0- 10	---		428	----	----

CHYDORUS SPHAERICUS
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CHYDORUS SPHAERICUS
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0		
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CHYDOPUS SPHAERICUS
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
NAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CHYDORUS SPHAERICUS
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CHYDORUS SPHAERICUS
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	485	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	679	566	
OCT 18	0- 9	---		189	----	
NOV 1	0- 10			0		

CHYDORUS SPHAERICUS
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0		
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0		

b. Calanoid adults

c. Calanoid nauplii

d. Calanoid copepodids

e. Cyclopoid adults

f. Cyclopoid nauplii

Cyclopoid copepodids

DIAPTOMUS MINUTUS
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	6592		2938
MAY 22	0- 4		4- 10	4983		2957
MAY 27	0- 5		5- 10	7052		1840
JUN 5	0- 6		6- 10	5		1341
JUN 11	0- 4		4- 10	7282		1661
JUN 19	0- 4		4- 10	3833		1022
JUN 25	0- 4		4- 10	1150		1022
JUL 3	0- 5		5- 10	5826		1840
JUL 7	0- 4		4- 10	11690		3066
JUL 17	0- 5	---	5- 10	6899	----	7666
JUL 22	0- 4	---	4- 10	11115	----	4088
JUL 30	0- 3	3- 6	6- 10	4599	28107	10923
AUG 7	0- 3	3- 6	6- 10	5621	11243	18014
AUG 18	0- 3	3- 6	6- 10	6388	44460	8432
AUG 27	0- 3	3- 6	6- 10	2555	27851	5557
SEP 3	0- 3	3- 6	6- 10	767	3833	22997
SEP 11	0- 3	3- 6	6- 10	511	26063	3258
SEP 18	0- 3	3- 6	6- 10	2555	13287	9390
OCT 1	0- 3	3- 6	6- 10	8688	1022	1725
OCT 28	0- 10	---		17554	----	
NOV 12	0- 9			27851		
DEC 9	0- 9			16012		

DIAPTOMUS MINUTUS
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			20527		
FEB 26	0- 10			11038		
APR 9	0- 10			2146		
MAY 8	0- 10			1380		
MAY 16	0- 6			2938		
MAY 18	0- 10			1763		
MAY 19	0- 10			1763		
MAY 25	0- 10			348		
MAY 28	0- 10	---		153	----	----
JUN 2	0- 10	---		383	----	----
JUN 9	0- 2	2- 4	4- 10	12544	1568	784
JUN 16	0- 2	2- 4	4- 10	10976	5488	1344
JUN 22	0- 2	2- 5	5- 10	14895	15157	941
JUN 30	0- 2	2- 5	5- 10	0	1568	627
JUL 7	0- 2	2- 5	5- 10	784	18815	4077
JUL 14	0- 2	2- 5	5- 10	0	28223	5331
JUL 21	0- 2	2- 5	5- 10	0	19338	3763
JUL 28	0- 2	2- 5	5- 10	0	3136	1882
AUG 3	0- 3	3- 5	5- 10	0	17247	627
AUG 11	0- 3	3- 5	5- 9	0	53310	2744
AUG 18	0- 4	4- 6	6- 10	392	9408	3920
AUG 25	0- 3	3- 5	5- 10	0	18031	314
SEP 1	0- 4	4- 6	6- 10	0	5488	392
SEP 8	U- 4	4- 7	7- 10	784	1045	0
SEP 15	0- 5	5- 7	7- 10	1568	0	523
SEP 22	0- 4	4- 7	7- 10	0	1568	0
SEP 29	0- 5	5- 7	7- 10	3763	784	392
OCT 6	0- 5	5- 7	7- 10	2822	4704	523
OCT 13	0- 10			1254	———	----
OCT 20	U- 10			941		
OCT 27	0- 10			784		
NOV 10	0- 10			157		
DEC 9	0- 10			784		

DIAPTOMUS MINUTUS
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			784		
FEB 23	0- 10			470		
MAR 31	0- 10			157		----
MAY 4	0- 10					
MAY 11	0- 3		3- 10	1568		224
MAY 18	0- 4		4- 10	6272	----	2875
JUN 1	0- 4		4- 10	11760 -	----	784
JUN 8	0- 3	3- 6	6- 10	14634	10453	1568
JUN 15	0- 4	4- 7	7- 10	1	7317	352183
JUN 22	0- 4	4- 7	7- 9		3659	
JUN 29	0- 4	4- 7	7- 10	0	6272	3920
JUL 6	0- 4	4- 7	7- 10	392	523	784
JUL 13	0- 4	4- 7	7- 10	784	1568	392
JUL 20	0- 3	3- 6	6- 10	0	2091	3136
JUL 27	0- 4	4- 7	7- 10	1176	3136	392
AUG 3	0- 4	4- 7	7- 10	4312	7840	3528
AUG 10	0- 3	3- 7	7- 10		2352	1176
AUG 17	0- 4	4- 7	7- 10	0	12544	4312
AUG 24	0- 4	4- 7	7- 10	392	5749	1960
AUG 31	0- 4	4- 7	7- 10	0	2091	392
SEP 7	0- .4	4- 7	7- 10	0	3659	392
SEP 14	0- 4	4- 7	7- 10	0		784
SEP 21'	0- 5	5- 7	7- 10	314	0	392
SEP 28	0- 4	4- 7	7- 10	0	523	392
OCT 5	0- 6	6- 7	7- 10	1045	0	392
OCT 12	0- 7		7- 10	1120	----	392
OCT 19	0- 7		7- 10	1792		
OCT 26	0- 10			1140		———

DIAPTOMUS MINUTUS
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	448	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	4704	2352	1045
JUN 13	0- 3	3- 6	6- 10	2091	523	1250
JUL 27	0- 3	3- 6	6- 10	523	523	
JUL 11	0- 3	3- 5	5- 10	1045	1568	
JUL 25	0- 3	3- 6	6- 10	1045	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	
OCT 3	0- 6	6- 8	8- 10	261	0	0
OCT 17	0- 10		---	0	----	

DIAPTOMUS MINUTUS
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		261		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			570		

DIAPTOMUS MINUTUS
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0		
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			190		

DIAPTOMUS MINUTUS
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

DIAPTOMUS MINUTUS
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

DIAPTOMUS MINUTUS
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9	---		0		
NOV 1	0- 10			0		

DIAPTOMUS MINUTUS
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	51		
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	57		

EPISCHURA LACUSTRIS
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	0		0
JUN 5	0- 6		6- 10	0		0
JUN 11	0- 4		4- 10	0		0
JUN 19	0- 4		4- 10	0		0
JUN 25	0- 4		4- 10	0		0
JUL 3	0- 5		5- 10	0		0
JUL 7	0- 4		4- 10	0		0
JUL 17	0- 5	---	5- 10	0		0
JUL 22	0- 4	---	4- 10	0		0
JUL 30	0- 3	3- 6	6- 10	0	0	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	0	0	0
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 16	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---		0		____
NCV 12	0- 9			0		
DEC 9	0- 9			0		

EPISCHURA LACUSTRIS
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
NAY 25	0- 10			0		
MAY 28	0- 10			0	-_--	__-_
JUN 2	0- 10			0		----
JUN 9	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 4	4- 10	0	0	0
JUN 22	0- 2	2- 5	5- 10	0	0	0
JUN 30	0- 2	2- 5	5- 10	0	0	0
JUL 7	0- 2	2- 5	5- 10	0	0	0
JUL 14	0- 2	2- 5	5- 10	0	0	0
JUL 21	0- 2	2- 5	5- 10	0	0	0
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10	---		0	___-	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

EPISCHURA LACUSTRIS
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METPE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10		---	0		- —
MAY 4	0- 10		- -	0		----
MAY 11	0- 3		3- 10	0		0
MAY 18	0- 4	---	4- 10	0	-_-_	0
JUN 1	0- 4	---	4- 10	0	----	0
JUN 8	0- 3	3- 6	6- 10	0	0	0
JUN 15	0- 4	4- 7	7- 10	0	0	0
JUN 22	0- 4	4- 7	7- 9	0	0	0
JUN 29	0- 4	4- 7	7- 10	0	0	0
JUL 6	0- 4	4- 7	7- 10	0	0	0
JUL 13	0- 4	4- 7	7- 10	0	0	0
JUL 20	0- 3	3- 6	6- 10	0	0	0
JUL 27	0- 4	4- 7	7- 10	0	0	0
AUG 3	0- 4	4- 7	7- 10	0	0	0
AUG 10	0- 3	3- 7	7- 10	0	0	0
AUG 17	0- 4	4- 7	7- 10	0	0	0
AUG 24	0- 4	4 7	7- 10	0	0	0
AUG 31	0- 4	4- 7	7- 10	0	0	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6	6- 7	7- 10	0	0	0
OCT 12	0- 7	---	7- 10	0	----	0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10		---	0		- - -

EPISCHURA LACUSTRIS
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	0	-- --	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	0	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 1	1- 4	4- 7	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0'	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10	---	- -	0	----	_ —

EPISCHURA LACUSTRIS
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

EPISCHURA LACUSTRIS
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	348	
AUG 13	0- 3	3- 6		232	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		139	0	
OCT 8	0- 8	---		0	____	
OCT 22	0- 10	---		0		
NOV 5	0- 10			0		

EPISCHURA LACUSTRIS
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
GCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

EPISCHURA LACUSTRIS
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	IOWEP
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

EPISCHURA LACUSTRIS
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	679	2546	0
JUN 28	0- 2	2- 5	5- 10	0	1940	0
JUL 12	0- 2	2- 4	4- 9	0	1697	0
JUL 26	0- 3	3- 6	6- 10	0	1455	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9			0	----	
NOV 1	0- 10			0		

EPISCHUPA LACUSTRIS
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	128
JUL 11	0- 3	3- 5	5- 9	1377	1377	0
AUG 1	0- 2	2- 6	6- 9	0	1020	146
AUG 23	0- 2	2- 6	6- 9	0	291	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	----	_-_-

CALANOID N1
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	9812		5749
NAY 22	0- 4		4- 10	6707		4 818
MAY 27	0- 5		5- 10	11345	- -	1993
JUN 5	0- 6		6- 10	3066		2875
j UN 11	0- 4		4- 10	5366		511
J UN 19	0- 4		4- 10	3066		639
JUN 25	0- 4		4- 10	3833		894
JUL 3	0- 5		5- 10	2146		1226
JUL 7	0- 4		4- 10	6132		1533
JUL 17	0- 5	---	5- 10	1380	----	920
JUL 22	0- 4	---	4- 10	5557	-- --	2044
JUL 30	0- 3	3- 6	6- 10	4088	767	958
AUG 7	0- 3	3- 6	6- 10	1278	0	0
AUG 18	0- 3	3- 6	6- 10	9710	3833	767
AUG 27	0- 3	3- 6	6- 10	767	0	0
SEP 3	0- 3	3- 6	6- 10	256	256	767
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---	---	0	----	-- --
NOV 12	0- 9			426		
DEC 9	0- 9			3322		

CALANOID N1
1970

LATE	.SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			13372		
FEB 26	0- 10			13185		
APR 9	0- 10			13338		
MAY 8	0- 10			7359		
MAY 16	0- 6			2172		
MAY 18	0- 10			1303		
NAY 19	0- 10			2530		
MAY 25	0- 10			70		
MAY 28	0- 10			307	-- --	— —
JUN 2	0- 10			2530	———	----
JUN 9	0- 2	2- 4	4- 10	12544	784	523
JUN 16	0- 2	2- 4	4- 10	2352	784	0
JUN 22	0- 2	2- 5	5- 10	3136	1045	627
JUN 30	0- 2	2- 5	5- 10	3136	523	0
JUL 7	0- 2	2- 5	5- 10	784	2091	2822
JUL 14	0- 2	2- 5	5- 10	7056	3659	941
JUL 21	0- 2	2- 5	5- 10	10192	6272	941
JUL 28	0- 2	2- 5	5- 10	1568	6794	1882
AUG 3	0- 3	3- 5	5- 10	7840	8624	1568
AUG 11	0- 3	3- 5	5- 9	1045	784	2744
AUG 18	0- 4	4- 6	6- 10	1568	1568	392
AUG 25	0- 3	3- 5	5- 10	0	784	0
SEP 1	0- 4	4- 6	6- 10	392	0	0
SEP 8	0- 4	4- 7	7- 10	0	523	0
SEP 15	0- 5	5- 7	7- 10	941	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	314	0	0
OCT 6	0- 5	5- 7	7- 10	627	0	0
OCT 13	0- 10			0	- ---	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			157		
DEC 9	0- 10			157		

CALANOID N1
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			627		
F EB 23	0- 10			1254		
MAR 31	0- 10		---	1568		-- --
NAY 4	0- 10		---	2038		-- --
MAY 11	0- 3		3- 10	2091		448
MAY 18	0- 4		4- 10	4704	----	3136
JUN 1	0- 4		4- 10	7056	-- --	523
JUN 8	0- 3	3- 6	6- 10	4704	6794	941
JUN 15	0- 4	4- 7	7- 10	1568	523	1 176
JUN 22	0- 4	4- 7	7- 9	0	523	0
JUN 29	0- 4	4- 7	7- 10	392	523	4 704
JUL 6	0- 4	4- 7	7- 10	2352	4704	1960
JUL 13	0- 4	4- 7	7- 10	5488	1568	0
JUL 20	0- 3	3- 6	6- 10	2091	7840	3136
JUL 27	0- 4	4- 7	7- 10	3528	2613	784
AUG 3	0- 4	4- 7	7- 10	10192	3136	1176
AUG 10	0- 3	3- 7	7- 10	3659	4704	1568
AUG 17	0- 4	4- 7	7- 10	5488	6272	392
AUG 24	0- 4	4- 7	7- 10	74 48	7317	392
AUG 31	0- 4	4- 7	7- 10	6272	3659	3136
SEP 7	0- 4	4- 7	7- 10	1176	6794	392
SEP 14	0- 4	4- 7	7- 10	1 176	1045	392
SEP 21	0-. 5	5- 7	7- 10	1568	784	0
SEP 28	0- 4	4- 7	7- 10	1176	1568	392
OCT - 5	0- 6	6- 7	7- 10	523	6272	1568
OCT 12	0- 7		7- 10	0	----	0
OCT 19	0- 7		7- 10	0		392
OCT 26	0- 10		---	285		———

CALANOID N1
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	8064	----	1568
MAY 16	0- 3	3- 6	6- 10	6794	2091	314
MAY 29	0- 3	3- 5	5- 10	4704	6272	2875
JUN 13	0- 3	3- 6	6- 10	4 704	1568	314
JUN 27	0- 3	3- 6	6- 10	1045	2091	1568
JUL 11	0- 3	3- 5	5- 10	523	1568	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	314
SEP 5	0- 4	4- 7	7- 10	0	0	392
SEP 19	0- 4	4- 6	6- 10	0	784	0
OCT 3	0- 6	6- 8	8- 10	784	0	0
OCT 17	0- 10		---	285	-- --	-- -

CALANOID N1
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE, UPPER	MIDDLE	LOWER
MAY 2	0- 6			784		
MAY 15	0- 6		6- 10	1045		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
'JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
:JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		392	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	- --		941		
OCT 1	0- 5			314		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CALANOID N1
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			139	----	
JUN 4	0- 3	3- 5		232	0	
JUN 18	0- 3	3- 5		0	0	
'JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		232	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8			0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID N1
1975

GATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			199		
JUN 10	0- 2			261		
JUL 10	0- 2			220		
JUL 21	0- 2			0		
AUG 5	0- 2			220		
AUG 19	0- 2			440		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID N1
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CALANOID N1
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	1697	0	0
MAY 31	0- 2	2- 5	5- 10	0	970	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
'JUN 28	0- 2	2- 5	5- 10	3395	0	0
JUL 12	0- 2	2- 4	4- 9	849	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9	---		0		
NOV 1	0- 10			0		

CALANOID N1
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	51		
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	3400	437	255
JUL 11	0- 3	3- 5	5- 9	1377	0	0
AUG 1	0- 2	2- 6	6- 9	255	146	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	383	0	0
OCT 24	0- 9	---	---	0	----	____

CALANOID N2
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0— 5		5— 10	10425		6516
MAY 22	0— 4		4— 10	3449		4271
MAY 27	0— 5		5— 10	3833		2606
JUN 5	0— 6		6— 10	894		1725
JUN 11	0— 4		4— 10	3066		1278
JUN 19	0— 4		4— 10	1533		256
JUN 25	0— 4		4— 10	2108		767
JUL 3	0— 5		5— 10	1686		613
JUL 7	0— 4		4— 10	1150		511
JUL 17	0— 5		5— 10	3833	----	613
JUL 22	0— 4		4— 10	767	----	767
JUL 30	0— 3	3— 6	6— 10	2044	767	192
AUG 7	0— 3	3— 6	6— 10	256	0	0
AUG 18	0— 3	3— 6	6— 10	3322	1022	575
AUG 27	0— 3	3— 6	6— 10	256	0	0
SEP 3	0— 3	3— 6	6— 10	256	511	575
SEP 11	0— 3	3— 6	6— 10	0	0	0
SEP 18	0— 3	3— 6	6— 10	0	0	0
OCT 1	0— 3	3— 6	6— 10	0	0	0
OCT 28	0— 10	---	---	153	———	----
NOV 12	0— 9	---		85		
DEC 9	0— 9			852		

CALANOID N2
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	9 INDIVIDUALS, PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0— 9			2811		
FEB 26	0— 10			8892		
APR 9	0— 10			16481		
MAY 8	0— 10			11805		
MAY 16	0— 6			4216		
MAY 18	0— 10			767		
MAY 19	0— 10			3833		
MAY 25	0— 10			0		
MAY 28	0— 10			1303	----	----
JUN 2	0— 10			383	----	
aub, 9	0— 2	2— 4	4— 10	7840	784	0
JUN 16	0— 2	2— 4	4— 10	3136	3920	224
'JUN 22	0— 2	2— 5	5— 10	784	1568	0
JUN 30	0— 2	2— 5	5— 10	3920	0	314
'JUL 7	0— 2	2— 5	5— 10	3136	1568	1254
'JUL 14	0— 2	2— 5	5— 10	5488	1045	941
JUL 21	0— 2	2— 5	5— 10	3920	4704	941
JUL 28	0— 2	2— 5	5— 10	4704	5226	314
AUG 3	0— 3	3— 5	5— 10	5749	2352	314
AUG 11	0— 3	3— 5	5— 9	523	1568	784
AUG 18	0— 4	4— 6	6— 10	392	2352	392
AUG 25	0— 3	3— 5	5— 10	1045	0	0
SEP 1	0— 4	4— 6	6— 10	0	0	0
SEP 8	0— 4	4— 7	7— 10	0	0	0
SEP 15	0— 5	5— 7	7— 10	627	0	0
SEP 22	0— 4	4— 7	7— 10	0	0	0
SEP 29	U— 5	5— 7	7— 10	627	0	0
OCT 6	0— 5	5— 7	7— 10	314	0	0
OCT 13	0— 10	---	---	0	———	----
OCT 20	0— 10			0		
OCT 27	0— 10			0		
NCV 10	0— 10			314		
EEC 9	0— 10			314		

CALANOID N2
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	9 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0— 10			1568		
FEB 23	0— 10			2979		
MAR 31	0— 10			3136		----
NAY 4	0— 10			627		----
MAY 11	U— 3		3— 10	2091		0
NAY 18	0— 4	---	4— 10	2352	----	523
JUN 1	0— 4	---	4— 10	7840	----	523
JUN 8	0— 3	3— 6	6— 10	14111	6272	941
JUN 15	0— 4	4— 7	7— 10	1176	523	1176
JUN 22	0— 4	4— 7	7— 9	392	0	784
JUN 29	0— 4	4— 7	7— 10	392	2091	1176
JUL 6	0— 4	4— 7	7— 10	4312	3659	784
JUL 13	0— 4	4— 7	7— 10	7448	2613	392
JUL 20	0— 3	3— 6	6— 10	4181	6272	1568
JUL 27	0— 4	4— 7	7— 10	4704	1568	0
AUG 3	0— 4	4— 7	7— 10	16071	1045	0
AUG 10	0— 3	3— 7	7— 10	7317	784	392
AUG 17	0— 4	4— 7	7— 10	2744	2613	392
AUG 24	0— 4	4— 7	7— 10	8232	4181	0
AUG 31	0— 4	4— 7	7— 10	5880	4704	1176-
SEP 7	0— 4	4— 7	7— 10	784	0	392
SEP 14	0— 4	4— 7	7— 10	1568	2091	0
SEP 21	0— 5	5— 7	7— 10	314	1568	0
SEP 28	0— 4	4— 7	7— 10	0	523	392
OCT 5	0— 6	6— 7	7— 10	523	1568	392
OCT 12	0— 7	---	7— 10	448		392
OCT 19	0— 7	---	7— 10	0		0
OCT 26	0— 10			285		----

CALANOID N2
1972

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	9 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 9	0— 7	---	7— 10	4704	----	1960
MAY 16	0— 3	3— 6	6— 10	2091	1045	314
MAY 29	0— 3	3— 5	5— 10	1045	784	523
JUN 13	0— 3	3— 6	6— 10	1568	1045	0
JUN 27	0— 3	3— 6	6— 10	0	0	0
JUL 11.	0— 3	3— 5	5— 10	0	784	0
JUL 25	0— 3	3— 6	6— 10	0	0	0
AUG 8	0— 3	3— 6	6— 10	0	0	0
AUG 22	0— 3	3— 6	6— 10	0	0	0
SEP 5	0— 4	4— 7	7— 10	0	0	392
SEP 19	0— 4	4— 6	6— 10	0	0	314
OCT 3	0— 6	6— 8	8— 10	0	0	0
OCT 17	0— 10	’——		0		—

CALANOID N2
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		261		
MAY 15	0- 6	---	6- 10	261		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
'JUN 25	0- 4	4- 6		0	0	
'JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		392	0	
AUG 20	0- 3	--		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		627		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			285		

CALANOID N2
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	--		557	----	
JUN 4	0- 3	3- 5		0	348	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		465	348	
JUL 30	0- 3	3- 5		929	697	
AUG 13	0- 3	3- 6		0	232	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID N2
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			597		
JUN 10	0- 2			523		
JUL 10	0- 2			2198		
JUL 21	0- 2			1538		
AUG 5	0- 2			659		
AUG 19	0- 2			879		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID N2
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			659		
JUN 8	0- 2			659		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CALANOID N2
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	970	0
JUN 14	0- 3	3- 5	5- 10	7469	0	0
JUN 28	0- 2	2- 5	5- 10	4527	0	0
JUL 12	0- 2	2- 4	4- 9	1697	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	485
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	----
OCT 18	0- 9	---		0	----	
NOV 1	0- 10	---		0		

CALANOID N2
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	--
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	6801	437	255
JUL 11	0- 3	3- 5	5- 9	3213	0	287
AUG 1	0- 2	2- 6	6- 9	1020	146	146
AUG 23	0- 2	2- 6	6- 9	255	0	0
SEP 12	0- 3	3- 6	6- 9	765	459	
OCT 24	0- 9	---	---	0	----	

CALANOID N3
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY. 17	0- 5	---	5- 10	19777		7027
MAY 22	0- 4		4- 10	3449		5147
MAY 27	0- 5		5- 10	6286		3220
JUN 5	0- 6		6- 10	639		575
JUN 11	0- 4		4- 10	1150		511
JUN 19	0- 4		4- 10	958		256
JUN 25	0- 4		4- 10	767		256
JUL 3	0- 5		5- 10	1686		307
JUL 7	0- 4		4- 10	3258		2300
JUL 17	0- 5	---	5- 10	1533	----	307
JUL 22	0- 4	---	4- 10	2108	----	511
JUL 30	0- 3	3- 6	6- 10	1278	256	383
AUG 7	0- 3	3- 6	6- 10	511	0	0
AUG 18	0- 3	3- 6	6- 10	767	1022	383
AUG 27	0- 3	3- 6	6- 10	1278	0	0
SEP 3	0- 3	3- 6	6- 10	0	256	383
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	U- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---	---	383	----	
NOV 12	0- 9			85	----	
DEC 9	0- 9			0		

CALANOID N3
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			10976		
FEB 26	0- 10			5059		
APR 9	0- 10			15024		
MAY 8	0- 10			8049		
MAY 16	0- 6			21080		
MAY 18	0- 10			3296		
MAY 19	0- 10			6362		
MAY 25	0- 10			488	----	
MAY 28	0- 10			613	----	____
JUN 2	U- 10			0	----	___,
'JUN 9	0- 2	2- 4	4- 10	7056	0	523
JUN 16	0- 2	2- 4	4- 10	1568	784	672
JUN 22	0- 2	2- 5	5- 10	784	1045	0
JUN 30	0- 2	2- 5	5- 10	1568	0	0
JUL 7	0- 2	2- 5	5- 10	1568	3136	941
JUL 14	0- 2	2- 5	5- 10	1568	1568	314
JUL 21	0- 2	2- 5	5- 10	3920	4704	314
JUL 28	0- 2	2- 5	5- 10	1568	3136	1254
AUG 3	0- 3	3- 5	5- 10	3659	1568	1568
AUG 11	0- 3	3- 5	5- 9	1045	3136	0
AUG lb	0- 4	4- 6	6- 10	392	3920	0,
AUG 25	0- 3	3- 5	5- 10	1045'	2352	314
SEP 1	0- 4	6	6- 10	0	784	0
SEP 8	0- 4	4- 7	7- 10	0	523	0
SEP 15	0- 5	5- 7	7- 10	627	0	523
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	U- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OC1 13	0- 10			0	____	
OCI 20	U- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			157		

CALANOID N3
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			784		
FEb 23	0- 10			2195		
MAR 31	0- 10			1411		----
MAY 4	U- 10			314		----
MAY 11	0- 3		3- 10	3136		0
MAY 18	0- 4	---	4- 10	3136	----	1045
JUN 1	0- 4	---	4- 10	4312	----	523
JUN 8	0- 3	3- 6	6- 10	11498	8362	2509
JUN 15	0- 4	4- 7	7- 10	392	1568	1960
JUN 22	0- 4	4- 7	7- 9	392	1045	0
JUN 29	0- 4	4- 7	7- 10	1568	1568	784
JUL 6	0- 4	4- 7	7- 10	2352	0	1568
JUL 13	0- 4	4- 7	7- 10	5488	1045	0
JUL 20	0- 3	3- 6	6- 10	7840	3136	941
JUL 27	0- 4	4- 7	7- 10	2352	2091	784
AUG 3	0- 4	4- 7	7- 10	12152	1568	392
AUG 10	0- 3	3- 7	7- 10	6794	1568	784
AUG 17	0- 4	4- 7	7- 10	1960	2613	0
AUG 24	0- 4	4- 7	7- 10	5096	523	392
AUG 31	0- 4	4- 7	7- 10	1568	2613	784
SEP 7	0- 4	4- 7	7- 10	2352	523	392
SEP 14	0- 4	4- 7	7- 10	1176	1045	0
SEP 21	0- 5	5- 7	7- 10	627	0	392
SEP 28	0- 4	4- 7	7- 10	392	0	0
OCT, 5	0- 6	6- 7	7- 10	523	0	392
OCT' 12	0- 7	---	7- 10	224	----	392
OCT 19	0- 7		7- 10	448		0
OCT' 26	0- 10			428		----

CALANOID N3
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	3360	----	392
MAY 16	0- 3	3- 6	6- 10	7317	523	0
MAY 29	0- 3	3- 5	5- 10	523	784	523
JUN 13	0- 3	3- 6	6- 10	0	1045	627
JUN 27	0- 3	3- 6	6- 10	523	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	392
SEP 19	0- 4	4- 6	6- 10	0	0	314
OCT 3	0- 6	6- 8	8- 10	523	0	0
OCT 17	0- 10			285	----	----

CALANOID N3
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6	---	0	0	
JUN 25	0- 4	4- 6		0	0	
JLL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	U- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CALANOID N3
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		139		
JUN 4	0- 3	3- 5		0	0	
•JUN 18	U- 3	3- 5		232'	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		232	0	
JUL 30	0- 3	3- 5		465	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		174	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		87		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID N3
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	U- 2			0		
JUN 10	0- 2			436		
JUL 10	0- 2			1538		
JUL 21	0- 2			659		
AUG 5	0- 2			879		
AUG 19	0- 2			220		
SEP 16	0- 2			0		
SEP 30	U- 2			0		
OCa• 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID N3
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			220		
JUN 8	0- 2			440		--
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31-	0- 2			0		
SEP 28	0- 2			0		

CALANOID N3
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	4527	0	754
JUN 14	0- 3	3- 5	5- 10	679	849	0
JUN 28	0- 2	2- 5	5- 10	1132	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	339
JUL 26	0- 3	3- 6	6- 10	0	0	485
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	----
OCT 18	0- 9	---		0	___-	
NOV 1	0- 10			0		

CALANOID N3
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	
MAY 23	U- 2	2- 4	4- 10	680	0	0
JUN 16	0- 2	2- 5	5- 9	5781	291	0
JUL 11	0- 3	3- 5	5- 9	459	0	0
AUG 1	0- 2	2- 6	6- 9	1530	291	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	U- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	____	

ww

CALANOID N4
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	23456		11243
MAY 22	0- 4		4- 10	4983		5147
MAY 27	0- 5		5- 10	10425		3066
JUN 5	0- 6		6- 10	1150		958
JUN 11	U- 4		4- 10	958		128
JUN 19	0- 4		4- 1U	575		0
JUN 25	0- 4		4- 10	575	----	128
JUL 3	0- 5		5- 10	920		613
JUL 7	0- 4		4- 10	4599		767
JUL 17	0- 5	---	5- 10	1380		613
JUL 22	0- 4	---	4- 10	383		256
JUL 30	0- 3	3- 6	6- 10	511	256	0
AUG 7	0- 3	3- 6	6- 10	256	0	0
AUG 18	0- 3	3- 6	6- 10	256	511	0
AUG 27	0- 3	3- 6	6- 10	256	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	256	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---	---	230	____	____
NOV 12	0- 9			85		
DEC 9	0- 9			0		

CALANOID N4
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIULLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	U- 9			0		
FEB 26	0- 10			1150		
APR 9	0- 10			3833		
MAY 8	U- 10			7206		
MAY 16	0- 6			26318		
MAY 18	0- 10			7589		
MAY 19	0- 10			12648		
MAY 25	0- 10			1185		
MAY 28	0- 10	---		767	----	----
JUN 2	0- 10	---		767	____	____
JUN ' 9	0- 2	2- 4	4- 10	5488	2352	784
JUN 16	0- 2	2- 4	4- 10	3136	0	0
JUN 22	0- 2	2- 5	5- 10	0	523	627
JUN 30	0- 2	2- 5	5- 10	0	0	314
JUL 7	0- 2	2- 5	5- 10	2352	2613	1568
JUL 14	0- 2	2- 5	5- 10	0	0	314
JUL 21	0- 2	2- 5	5- 10	1568	1568	314
JUL 28	0- 2	2- 5	5- 10	3136	3136	314
AUG 3	0- 3	3- 5	5- 10	1568	5488	627
AUG 11	0- 3	3- 5	5- 9	523	1568	784
AUG 18	0- 4	4- 6	6- 10	0	2352	392
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	314	0	523
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	314	0	0
OCT 13	U- 10	---		0	____	____
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
LED 9	0- 10			0		

CALANOID N4
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INCIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			U		
FEB 23	0- 10			157		
MAR 31	0- 10			627		----
MAY 4	0- 10			1882		----
MAY 11	U- 3		3- 10	5749		224
MAY 18	U- 4	---	4- 10	2744		1045
JUN 1	0- 4	---	4- 10	5880		523
JUN 8	0- 3	3- 6	6- 10	22997	4704	1882
JUN 15	0- 4	4- 7	7- 10	784	523	1568
JUN 22	0- 4	4- 7	7- 9	784	1045'	0
JUN 29	0- 4	4- 7	7- 10	1176	2091	2352
JUL 6	0- 4	4- 7	7- 10	3920	0	784
JUL 13	0- 4	4- 7	7- 10	4704	523	0
JUL 20	0- 3	3- 6	6- 10	5226	1568	941
JUL 27	0- 4	4- 7	7- 10	784	1568	1176
AUG 3	0- 4	4- 7	7- 10	7840	523	0
AUG 10	U- 3	3- 7	7- 10	5226	2744	784
AUG 17	0- 4	4- 7	7- 10	1176	2091	0
AUG 24	0- 4	4- 7	7- 10	1568	3659	0
AUG 31	0- 4	4- 7	7- 10	392	1045	784
SEP 7	0- 4	4- 7	7- 10	2744	1045	392
SEP 14	0- 4	4- 7	7- 10	392	523	392
SEP 21	0- 5	5- 7	7- 10	627	1568	784
SEP 28	0- 4	4- 7	7- 10	784	523	0
OCT 5	0- 6	6- 7	7- 10	0	3136	0
OCT 12	0- 7		7- 10	0	----	392
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10			285		----

CALANOID N4
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER.	MIDDLE	'LOWER
MAY 9	0- 7		7- 10	1568	----	0
MAY 16	0- 3	3- 6	6- 10	3136	1568	627
MAY 29	0- 3	3- 5	5- 10	523	0	784
JUN 13	0- 3	3- 6	6- 10	523	0	627
JUN 27	0- 3	3- 6	6- 10	1045	0	0
JUL 11	0- 3	3- 5	5- 10	0	784	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	-0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	261	0	0
OCT 17	0- 10	---	---	570		

CALANOID N4
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---				
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7				
JUN 11	0- 3	3- 6				
JUN 25	0- 4	4- 6				
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	b- 4	4- 6		0	0	
AUG 20	O- 3	--				
SEP 3	O- 3	3- 4		0	0	
SEP 17	O- 5	---		0		
OCT 1	O- 5			314	0	
OCT 15	0- 6			0		
OCT 29	O- 8	---		0		
NOT 6	0- 10			0		

CALANOID N4
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		0	Q	
'JUN 18	0- 3	3- 5		0	348	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		232	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	O- 4	4- 6		0	0	
SEP 10	U- 4	4- 6		0	P	
SEP 24	O- 5	5- 6		0	o	
OCT 8	O- 8			0	___--	
OCT 22	0- 10			0		
NO4 5	O- 1O			0		

CALANGID N4
1975

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			871		
JUL 10	0- 2			1319		
JUL 21	0- 2			220		
AUG 5	0- 2			879		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	O- 2			0		

CALANOID N4
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			220		
JUL 6	0- 2			0		
AUG 3	Q- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CALANGID N4
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	1132
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	849	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	'0
SEP 20	0- 5	5- 8		0	0	----
OCT 18	0- 9			0	----	
NOV 1	(1- 10			0		

CALANOID N4
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	--	0		
MAY 23	O- 2	2- 4	4- 10	340	0	0
JUN 16	O- 2	2- 5	5- 9	3741	0	
JUL 11	O- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	765	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0		
OCT 24	0- 9	---	___	0		

CALANOID N5
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS' PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	U- 5		5- 10	13031		3833
MAY 22	U- 4		4- 10	7666		5147
MAY 27	0- 5		5- 10	13031		9199
JUN 5	0- 6		6- 10	1150		383
JUN 11	0- 4		4- 10	0		128
JUN 19	0- 4		4- 10	383		0
JUN 25	0- 4		4- 10	575		256
JUL 3	0- 5		5- 10	2606		613
JUL 7	0- 4		4- 10	4599		256
JUL 17	0- 5	---	5- 10	8892	----	613
JUL 22	0- 4	---	4- 10	2108	----	256
JUL 30	0- 3	3- 6	6- 10	1789	1278	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	256	511	192
AUG 27	0- 3	3- 6	6- 10	511	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	192
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---		153	----	----
NCV 12	0- 9			341		
DEC 9	0- 9			0		

CALANOID N5
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			230		
APR 9	0- 10			0		
MAY 8	0- 10			1303		
LAY 16	0- 6			36922		
LAY 18	0- 10			12035		
MAY 19	0- 10			14564		
MAY 25	0- 10			7317		
MAY 28	0- 10	---		460		----
JUN 2	0- 10	---		2146		____
JUN 9	0- 2	2- 4	4- 10	7056	1568	261
JUN 16	0- 2	2- 4	4- 10	1568	3136	896
JUN 22	0- 2	2- 5	5- 10	1568	523	314
JUN 30	0- 2	2- 5	5- 10	0	523	0
JUL 7	0- 2	2- 5	5- 10	1568	3136	314
JUL 14	0- 2	2- 5	5- 10	0	1045	0
JUL 21	0- 2	2- 5	5- 10	784	523	0
JUL 28	0- 2	2- 5	5- 10	1568	1045	627
AUG 3	0- 3	3- 5	5- 10	523	13328	0
AUG 11	0- 3	3- 5	5- 9	523	1568	392
AUG 18	0- 4	4- 6	6- 10	0	784	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	784	0
SEP 22	0- 4	4- 7	7- 10	392	0	0
SEP 29	U- 5	5- 7	7- 10	0	0	0
GCT 6	0- 5	5- 7	7- 10	941	0	0
OCT 13	0- 10			0	____	----
OCT 20	0- 10			0		
27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

CALANOID N5
1971

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	U- 10			0		
FEB 23	0- 10			157		
MAR 31	0- 10			470		----
MAY 4	0- 10			4390		----
MAI 11	U- 3		3- 10	2613		448
MAY 18	U- 4	---	4- 10	784	----	1568
JUN 1	0- 4	---	4- 10	2744	----	1045
JUN 8	0- 3	3- 6	6- 10	27700	16725	2195
JUN 15	0- 4	4- 7	7- 10	1176	523	1568
JUN 22	0- 4	4- 7	7- 9	784	1568	0
JUN 29	0- 4	4- 7	7- 10	2352	2091	1176
JUL 6	0- 4	4- 7	7- 10	3528	0	392
JUL 13	0- 4	4- 7	7- 10	4704	2613	0
JUL 20	0- 3	3- 6	6- 10	1568	4704	941
JUL 27	U- 4	4- 7	7- 10	4312	1568	784
AUG 3	0- 4	4- 7	7- 10	5488	1045	392
AUG 10	0- 3	3- 7	7- 10	3136	1176	784
AUG 17	0- 4	4- 7	7- 10	1568	0	0
AUG 24	0- 4	4- 7	7- 10	784	2091	0
AUG 31	0- 4	4- 7	7- 10	392	523	392
SEP 7	0- 4	4- 7	7- 10	1960	1045	0
SEP 14	0- 4	4- 7	7- 10	1176	1568	0
SEP 21	0- 5	5- 7	7- 10	0	784	392
SEP 28	0- 4	4- 7	7- 10	0	523	392
OCT 5	0- 6	6- 7	7- 10	261	0	0
OCT 12	0- 7		7- 10	224	----	392
OCT 19	0- 7		7- 10	448		392
OCT 26	0- 10			143		____

CALANOID N5
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	448	---	_ 0
MAY 16	0- 3	3- 6	6- 10	1045	2091	314
MAY 29	0- 3	3- 5	5- 10	2091	2352	261
JUN 13	0- 3	3- 6	6- 10	523	523	0
JUN 27	0- 3	3- 6	6- 10	0	523	314
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	314
OCT 3	0- 6	6- 8	8- 10	261	0	0
OCT 17	0- 10			143	____	----

CALANOID N5
1973

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 2	U— 6	---		0		
LAY 15	0— 6	---	6— 10	0		0
LAI 26	u— 3	3— 7		0	0	
JUN 11	0— 3	3— 6		0	0	
JEN 25	0— 4	4— 6		0	0	
JUL 9	0— 3	3— 6		0	0	
JUL 23	U— 3	3— 5		0	0	
AUG 6	0— 4	4— 6		0	0	
AUG 20	U— 3	---		()		
SEP 3	0— 3	3— 4		0	0.	
SEP 17	0— 5	---		0		
OCT 1	0— 5			0		
OCT 15	U- 6			0		
OCT 29	0— 8			196		
NOV 6	0— 10			143		

CALANOID N5
1974

LATE	SAMPLING LAYER (METRES) UPPER	NIDELE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0— 5			0	----	
JEN 4	0— 3	3— 5		232	0	
JUN 18	0— 3	3— 5		0	0	
JUL 2	U— 2	2— 5		0	232	
JUL 16	0— 3	3— 5		232	348	
JUL 30	U— 3	3— 5		U	0	
AUG 13	0— 3	3— 6		0	0	
AUG 27	U— 4	4— 6		174	0	
SEP 10	0— 4	4— 6		174	0	
SEP 24	0— 5	5— 6		()	0	
OCT 6	0— 8			0	----	
OCT 22	0— 10			0		
NOV 5	0— 10			0		

CALANOIL N5
1975

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
LAY 13	0— 2			U		
JUN 10	0— 2			1045		
JUL 10	0— 2			220		
JUL 21	0— 2			220		
AEG 5	0— 2			440		
AUG 19	0— 2			220		
SEP 16	u— 2			0		
SEP 30	0— 2			0		
OCT 14	U— 2			0		
OCT 28	0— 2			0		
NC%, 11	U— 2			0		

CALANOID N5
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0— 2			440		
JUN 8	U— 2			0		
JOL 6	0— 2			220		
AUG	U— 2			0		
31	U— 2			0		
SEP 26	0— 2			0		

CALANOID N5
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	t;ZIVIDUALS PER CUBIC METRE	MIDDLE	LOWER
LAY 3	0— 3	3— 6	6— 10	0	0	0
NAY 31	0— 2	2— 5	5— 10	0	0	0
JUN 14	0— 3	3— 5	5— 10	2037	0	0
'JUN 28	0— 2	2— 5	5— 10	0	0	0
JUL 12	0— 2	2— 4	4— 9	849	0	0
JUL 26	0— 3	3— 6	6— 10	0	0	0
AUG 9	0— 3	3— 6	6— 9	0	0	0
AUG 23	0— 3	3— 7	7— 10	0	0	0
SEP 20	0— 5	5— 8	---	0	0	
OCT 18	0— 9	---		0		
NOV 1	0— 10			0		

CALANOID N5
1978

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 9	U— 10	---	---	0	----	____
NAY 23	0— 2	2— 4	4— 10	340	0	0
JUN 16	0— 2	2— 5	5— 9	3060	0	383
JUL 11	0— 3	3— 5	5— 9	918	0	0
AUG 1	0— 2	2— 6	6— 9	1785	146	291
AUG 23	0— 2	2— 6	6— 9	255	0	0
SEP 12	0— 3	3— 6	6— 9	0	0	0
OCT 24	0— 9	---	---	0	____	____

CALANOID N6
1969

FEB	SAMPLING LAYER (METRES) R	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
LAY 17	0- 5		5- 10	10425		4855
LAY 22	U- 4		4- 10	4599		329
NAY 27	0- 5		5- 10	13031		3220
JEN 5	0- 6		6- 10	1405		1725
JUN 11	0- 4		4- 10	383		0
JUN 19	0- 4		4- 10	0		0
JUN 25	0- 4		4- 10	383		128
JUL 3	0- 5		5- 10	767		613
JUL 7	0- 4		4- 10	2108		767
JUL 17	0- 5	---	5- 10	2453	----	613
JUL 22	0- 4	---	4- 10	767	----	256
JUL 30	0- 3	3- 6	6- 10	1022	767	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	256	0	0
AUG 27	0- 3	3- 6	6- 10	511	0	0
SEP 3	0- 3	3- 6	6- 10	0	767	0
SLP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	256	0	0
OCT 28	0- 10	---	---	153	____	____
NOV 12	0- 9			0		
DEC 9	0- 9			0		

CALANOIC N6
197FEB

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
Ei,FEB 26	0- 10 0					
APR 9	0- 10			0		
LAY 8	0- 10			0		
MAY 16	0- 6			7410		
LAY 18	0- 10			4446		
LAY 19	0- 10			10732		
LAY 25	0- 10			14355		
MAY 28	0- 10			5059	----	----
JUN 2	0- 10			2453	----	----
JUN 9	0- 2	2- 4	4- 10	13328	1568	523
JUN 16	0- 2	2- 4	4- 10	1568	0	0
JUN 22	0- 2	2- 5	5- 10	0	0	0
JUN 30	0- 2	2- 5	5- 10	1568	0	0
JUL 7	0- 2	2- 5	5- 10	784	0	0
JUL 14	0- 2	2- 5	5- 10	0	0	314
JUL 21	0- 2	2- 5	5- 10	784	0	314
JUL 28	0- 2	2- 5	5- 10	1568	523	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	. 0	0	0
SLP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	U- 4	4- 7	7- 10	784	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10	---		0	----	— —
OCT 20	U- 10			0		
OCT 27	0- 10			0		
NCV 10	U- 10			0		
DEC 9	0- 10			0		

CALANOID N6
1971

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	U- 10			0		
EDSFEB 23	0- 10 0					
LAP 31	0- 10			314		____
LA/ 4	0- 10			2352		----
LAY 11	0- 3		3- 10	9408		0
MAY 18	0- 4	---	4- 10	1960	----	1045
JUN 1	0- 4	---	4- 10	1568	----	261
JUN 8	0- 3	3- 6	6- 10	24042	7840	627
JUN 15	0- 4	4- 7	7- 10	784	0	784
JEN 22	0- 4	4- 7	7- 9	1176	0	0
JUN 29	0- 4	4- 7	7- 10	392	0	0
JUL 6	0- 4	4- 7	7- 10	3528	1568	0
JUL 13	0- 4	4- 7	7- 10	3528	0	392
JUL 20	0- 3	3- 6	6- 10	1045	2091	627
JUL 27	0- 4	4- 7	7- 10	3136	2613	392
AUG 3	0- 4	4- 7	7- 10	1568	0	0
AUG 10	0- 3	3- 7	7- 10	2091	3920	1176
AUG 17	0- 4	4- 7	7- 10	2744	523	392
AUG 24	0- 4	4- 7	7- 10	0	0	0
AUG 31	0- 4	4- 7	7- 10	0	0	0
SLP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	392
SEP 21	0- 5	5- 7	7- 10	314	0	0
SEP 28	0- 4	4- 7	7- 10	784	0	0
	6	6- 7	7- 10	523	0	392
OCT 12	0- 7	---	7- 10	0	----	392
OCT 19	0- 7	---	7- 10	224		0
OCT 26	0- 10			0		____

CALANCIL N6
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
LAY 9	0- 7	---	7- 10	1792	----	0
MAY 16	0- 3	3- 6	6- 10		1568	627
NAY 29	0- 3	3- 5	5- 10	r69	0	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JLL 11	0- 3	3- 5	5- 10	0	0	0
JLL 25	0- 3	3- 6	6- 10	0	0	0
AUG 6	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	____0	0
OCT 17	0- 10	---		0		____

CALANOIL N6
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		523		
FAY 15	0- 6	---	b- 10	0		0
NAY 26	u- 3	3- 7		523	0	
JUN 11	U- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	--		0	— —	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5			0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			196		
NOV 6	0- 10			0		

CALANOID N6
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		465	348	
JUN 18	U- 3	3- 5		0	0	
'JUL 2	U- 2	2- 5		0	232	
JUL 16	U- 3	3- 5		465	0	
JUL 30	0- 3	3- 5		697	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID N6
1975

FATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	U- 2			610		
JUL 10	0- 2			440		
JUL 21	0- 2			220		
AUG 5	0- 2			220		
AUG 19	0- 2			659		
SEP 16	0- 2			0		
SLP 30	U- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID N6
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			879		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CALANOID N6
1977

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 3	0- 3	3- 6	6- 10	0	0	0
NAY 31	0- 2	2- 5	5- 10	0	0	754
JUN 14	0- 3	3- 5	5- 10	0	2546	0
JUN 28	0- 2	2- 5	5- 10	0	485	0
JUL 12	0- 2	2- 4	4- 9	0	0	679
JUL 26	0- 3	3- 6	6- 10	0	0	485
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	----
OCT 18	0- 9	---		0	----	
NOV 1	0- 10			0		

CALANOID N6
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	680	0	0
JUN 16	0- 2	2- 5	5- 9	2040	583	255
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	1275	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	____	____

CALANOID Cl
1969

DATE •	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	37868		7027
MAY 22	0- 4		4- 10	18206		3176
MAY 27	0- 5		5- 10	18244		9812
JUN 5	0- 6		6- 10	8688		5366
JUN 11	0- 4		4- 10	11498		7666
JON 19	0- 4		4- 10	3449		1533
JUN 25	0- 4		4- 10	383		511
JUL 3	0- 5		5- 10	2606		613
JUL 7	0- 4		4- 10	958		4599
JUL 17	0- 5	---	5- 10	613	----	613
JUL 22	0- 4	---	4- 10	958	----	256
JUL 30	0- 3	3- 6	6- 10	511	511	383
AUG 7	0- 3	3- 6	6- 10	256	0	1150
AUG 18	0- 3	3- 6	6- 10	0	0	0
AUG 27	0- 3	3- 6	6- 10	1022	256	o
SEP 3	0- 3	3- 6	6- 10	0	0	383
SEP 11	0- 3	3- 6	6- 10	0	511	0
SEP 18	0- 3	3- 6	6- 10	0	o	0
OCT 1	0- 3	3- 6	6- 10	o	o	0
OCT 28	0- 10	---		153	----	___--
NOV 12	0- 9			170		
DEC 9	0- 9			0		

CALANOID Cl
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			a		
MAY 19	0- 10			153		
MAY 25	0- 10			1951		
MAY 28	0- 10			4906	----	----
JUN 2	0- 10			11728	----	----
JUN 9	0- 2	2- 4	4- 10	18815	11760	6794
JUN 16	0- 2	2- 4	4- 10	3920	9408	4032
JUN 22	0- 2	2- 5	5- 10	2352	1568	0
JUN 30	0- 2	2- 5	5- 10	0	1045	314
JUL 7	0- 2	2- 5	5- 10	2352	1045	1882
JUL 14	0- 2	2- 5	5- 10	0	2613	2195
JUL 21	0- 2	2- 5	5- 10	784	1568	2195
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	784	941
AUG 11	0- 3	3- 5	5- 9	0	784	0
AUG 18	0- 4	4- 6	6- 10	0	1568	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	392
SEP 6	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	314	0	0
OCT 13	0- 10			0	-__-	--_-
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

CALANOID Cl
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			157		
MAR 31	0- 10			0		----
MAY 4	0- 10			0		— —
MAY 11	0- 3		3- 10	13589		1792
MAY 18	0- 4	---	4- 10	3136	----	523
JUN 1	0- 4	---	4- 10	3136	----	523
JUN 8	0- 3	3- 6	6- 10	7317	6794	1254
JUN 15	0- 4	4- 7	7- 10	5096	1045	1176
JUN 22	0- 4	4- 7	7- 9	0	0	0
JUN 29	0- 4	4- 7	7- 10	392	523	1176
JUL 6	0- 4	4- 7	7- 10	1568	1568	0
JUL 13	0- 4	4- 7	7- 10	4704	1045	392
JUL 20	0- 3	3- 6	6- 10	1045	0	0
JUL 27	0- 4	4- 7	7- 10	1176	1045	0
AUG 3	0- 4	4- 7	7- 10	392	2613	392
AUG 10	0- 3	3- 7	7- 10	2091	2352	392
AUG 17	0- 4	4- 7	7- 10	784	4704	392
AUG 24	0- 4	4- 7	7- 10	392	1045	392
AUG 31	0- 4	4- 7	7- 10	0	523	0
SEP 7	0- 4	4- 7	7- 10	392	0	- 0
SEP 14	0- 4	4- 7	7- 10	1568	3136	392
SEP 21	0- 5	5- 7	7- 10	627	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	392
OCT 5	0- 6	6- 7	7- 10	0	0	0
OCT 12	0- 7	---	7- 10	224	----	0
OCT 19	0- 7		7- 10	0		o
OCT 26	0- 10			0		----

CALANOID Cl
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	224	----	0-
MAY 16	0- 3	3- 6	6- 10	523	1568	0
MAY 29	0- 3	3- 5	5- 10	523	0	261
JUN 13	0- 3	3- 6	6- 10	1045	0	0
JUN 27	0- 3	3- 6	6-. 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	523	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	o
SEP 19	0- 4	4- 6	6- 10	0	0	.O
OCT 3	0- 6	6- 8	8- 10	0	0	o
OCT 17	0- 10	---		0	----	----

CALANOID Cl
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10			0
MAY 28	0- 3	3- 7			0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CALANOID Cl
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0		
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		697	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		139	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID Cl
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			87		
JUL 10	0- 2			659		
JUL 21	0- 2			0		
AUG 5	0- 2			220		
AUG 19	0- 2			440		
SEP 16	0- 2			0		
SEP 30	U- 2			U		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID Cl
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			220		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			220		

CALANOID Cl
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	2263	0	0
JUN 14	0- 3	3- 5	5- 10	679	0	0
JUN 28	0- 2	2- 5	5- 10	0	485	0
JUL 12	0- 2	2- 4	4- 9	849	0	339
JUL 26	0- 3	3- 6	6- 10	0	0	. 0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9			0		
NOV 1	0- 10			0		

CALANOID Cl
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	340	0	0
JUN 16	0- 2	2- 5	5- 9	3060	291	128
JUL 11	0- 3	3- 5	5- 9	459	0	0
AUG 1	0- 2	2- 6	6- 9	255	291	0
AUG 23	0- 2	2- 6	6- 9	255	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	____	

CALANOID C2
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		1661
MAY 22	0- 4		4- 10	10540		3285
MAY 27	0- 5		5- 10	15638		16404
JUN 5	0- 6		6- 10	11882		4408
JUN 11	0- 4		4- 10	39094		7666
JUN 19	0- 4		4- 10	11307		7154
JUN 25	0- 4		10	0		2172
JUL 3	0- 5		5- 10	1226		1226
JUL 7	0- 4	---	4- 10	2300		1022
JUL 17	0- 5	---	5- 10	1226	----	613
JUL 22	0- 4	---	4- 10	4408	----	767
JUL 30	0- 3	3- 6	6- 10	511	1533	2300
AUG 7	0- 3	3- 6	6- 10	256	0	767
AUG 18	0- .3	3- 6	6- 10	0	511	192
AUG 27	0- 3	3- 6	6- 10	0	256	0
SEP 3	0- 3	3- 6	6- 10	0	0	192
SEP 11	0- 3	3- 6	6- 10	256	256	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
GCT 28	U- 10	---	---	307	----	----
NOV 12	0- 9	---		85		
DEC 9	0- 9			0		

CALANOID C2
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEE 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			77		
MAY 25	0- 10			0		
MAY 28	0- 10			1150	----	
JUN 2	0- 10			4676	----	
JUN 9	0- 2	2- 4	4- 10	17247	24303	9669
JUN 16	0- 2	2- 4	4- JO	6272	10976	6496
JUN 22	0- 2	2- 5	5- 10	4704	7317	941
JUN 30	0- 2	2- 5	5- 10	0	3659	314
JUL 7	0- 2	2- 5	5- 10	0	6272	4077
JUL 14	0- 2	2- 5	5- 10	0	15679	3763
JUL 21	0- 2	2- 5	5- 10	0	16202	3763
JUL 28	0- 2	2- 5	5- 10	0	5226	1254
AUG 3	0- 3	3- 5	5- 10	0	2352	627
AUG 11	0- 3	3- 5	5- 9	0	2352	784
AUG 18	0- 4	4- 6	6- 10	392	6272	392
AUG 25	0- 3	3- 5	5- 10	523	1568	314
SEP 1	0- 4	4- 6	6- 10	1176	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0	____	____
oCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	U- 10			0		

CALANOID C2
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10			0		----
MAY 4	0- 10			0		----
MAY 11	U- 3		3- 10	8885		896
MAY 18	0- 4	---	4- 10	6272		1307
JUN 1	0- 4	---	4- 10	1568		261
JUN 8	0- 3	3- 6	6- 10	2613	3659	941
JUN 15	0- 4	4- 7	7- 10	3136	4181	1568
JUN 22	0- 4	4- 7	7- 9	0	1568	0
JUN 29	0- 4	4- 7	7- 10	0	4704	1568
JUL 6	0- 4	4- 7	7- 10	0	0	392
JUL 13	0- 4	4- 7	7- 10	1176	1045	0
JUL 20	0- 3	3- 6	6- 10	523	1045	627
JUL 27	0- 4	4- 7	7- 10	1176	1045	0
AUG 3	0- 4	4- 7	7- 10	392	1045	0
AUG 10	0- 3	3- 7	7- 10	523	2352	392
AUG 17	0- 4	4- 7	7- 10	1568	4181	784
AUG 24	0- 4	4- 7	7- 10	392	1568	784
AUG 31	0- 4	4- 7	7- 10	0	2613	0
SEP 7	0- 4	4- 7	7- 10	0	1568	0
SEP 14	0- 4	4- 7	7- 10	0	2091	- 0
SEP 21	0- 5	5- 7	7- 10	0	0	392
SEP 28	0- 4	4- 7	7- 10	1176	523	392
OCT 5	0- 6	6- 7	7- 10	0	0	0
OCT 12	0- 7	---	7- 10	224	----	0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10			143		----

CALANOID C2
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	___	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	. 0
MAY 29	0- 3	3- 5	5- 10	1045	784	523
JUN 13	0- 3	3- 6	6- 10	1568	523	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	8	8- 10	0	0	0
OCT 17	0- 10		---	0	____	----

CALANOID C2
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LONER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---				
MAY 15	0- 6	---	6- 10			0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---				
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---				
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8					
NOV 6	0- 10			0		

CALANOID C2
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		0	348	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		232	0	
JUL 30	0- 3	3- 5		465	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0	----	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID C2
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			87		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			220		
AUG 19	0- 2			440		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID C2
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			220		

CALANOID C2
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6"	10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	679	1697	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9	---		0		
NOV 1	0- 10			0		

CALANOID C2
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	1360	146	255
JUL 11	0- 3	3- 5	5- 9	459	1836	0
AUG 1	0- 2	2- 6	6- 9	255	146	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	383	0	0
OCT 24	0- 9	---	---	0	----	

CALANOID C3
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	575		767
MAY 27	0- 5		5- 10	6592		5213
JUN 5	0- 6		6- 10	18525		14948
JUN 11	0- 4		4- 10	48868		18525
JUN 19	0- 4		4-.10	34686		7538
JUN 25	0- 4		4- 10	192		9837
JUL 3	0- 5		5-_10	7666		9199
JUL 7	0- 4		4- 10	1150		18397
JUL 17	0- 5	---	5- 10	2606	----	8279
JUL 22	0- 4	---	4- 10	3641	----	4088
JUL 30	0- 3	3- 6	6- 10	767	9454	4983
AUG 7	0- 3	3- 6	6- 10	1278	3833	3066
AUG 18	0- 3	3- 6	6- 10	256	3577	383
AUG 27	0- 3	3- 6	6- 10	0	511	0
SEP 3	0- 3	3- 6	6- 10	0	256	1150
SEP 11	0- 3	3- 6	6- 10	0	0	575
SEP 18	0- 3	3- 6	6- 10	511	511	575
OCT 1	0- 3	3- 6	6- 10	256	0	0
OCT 28	0- 10	---		460	----	----
NOV 12	0- 9			0		
EEC 9	0- 9			0		

CALANOID C3
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
NAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			70		
MAY 28	0- 10		---	230	----	----
JUN 2	0- 10		---	613	----	----
JUN 9	0- 2	2- 4	4- 10	10976	17247	6533
JUN 16	0- 2	2- 4	4- 10	3920	14111	6272
JUN 22	0- 2	2- 5	5- 10	6272	32404	3449
JUN 30	0- 2	2- 5	5- 10	0	5226	1254
JUL 7	0- 2	2- 5	5- 10	0	21429	5958
JUL 14	0- 2	2- 5	5- 10	0	17770	10035
JUL 21	0- 2	2- 5	5- 10	0	15679	10035
JUL 28	0- 2	2- 5	5- 10	0	6272	1882
AUG 3	0- 3	3- 5	5- 10	0	18815	2822
AUG 11	0- 3	3- 5	5- 9	0	11760	1176
AUG 18	0- 4	4- 6	6- 10	0	6272	1960
AUG 25	0- 3	3- 5	5- 10	1045	8624	0
SEP 1	0- 4	4- 6	6- 10	0	1568	0
SEP 8	0- 4	4- 7	7- 10	392	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	314	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10		---	0	____	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

CALANOID C3
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10			0		----
MAY 4	0- 10			0		----
MAY 11	0- 3		3- 10	3136		0
MAY 18	0- 4		4- 10	6664	----	784
JUN 1	0- 4		4- 10	784	----	261
JUN 8	0- 3	3- 6	6- 10	0	5749	0
JUN 15	0- 4	4- 7	7- 10	0	1045	0
JUN 22	0- 4	4- 7	7- 9	392	4704	0
JUN 29	0- 4	4- 7	7- 10	0	7317	5096
JUL 6	0- 4	4- 7	7- 10	392	523	1176
JUL 13	0- 4	4- 7	7- 10	1568	2613	392
JUL 20	0- 3	3- 6	6- 10	0	1045	2822
JUL 27	0- 4	4- 7	7- 10	784	1045	1960
AUG 3	0- 4	4- 7	7- 10	0	2091	784
AUG 10	0- 3	3- 7	7- 10	0	2352	784
AUG 17	0- 4	4- 7	7- 10	392	6272	1176
AUG 24	0- 4	4- 7	7- 10	784	523	784
AUG 31	0- 4	4- 7	7- 10	0	1568	784
SEP 7	0- 4	4- 7	7- 10	0	2091	0
SEP 14	0- 4	4- 7	7- 10	0	523	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	523	784
OCT 5	0- 6	6- 7	7- 10	0	1568	0
OCT 12	0- 7	---	7- 10	672	----	0
OCT 19	0- 7		7- 10	0		392
OCT 26	0- 10			0		____

CALANOID C3
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	0	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	523	523	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10			0	____	

CALANOID C3
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6			0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0		
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	--		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CALANOID C3
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		697	348	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		232	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		232	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8			0	----	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID C3
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LCWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID C3
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			220		

CALANOID C3
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9			0		
NOV 1	0- 10			0		

CALANOID C3
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	340	146	0
JUL 11	0- 3	3- 5	5- 9	0	918	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	
SEP 12	0- 3	3- 6	6- 9	0	0	
OCT 24	0- 9	---	---	0	____	

CALANOID C4
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEF CUBIC METRE UPPER	MIDDLE	LOWER
LAY 17	0- 5		5- 10	0		.0
MAY 22	0- 4		4- 10	0		0
MAY 27	U- 5		5- 10	307		153
JUN 5	0- 6		6- 10	894		958
JUN 11	U- 4		4- 10	1916		1150
JUN 19	0- 4		4- 10	19547		3961
JUN 25	0- 4		4- 10	0		14181
JUL 3	0- 5		5- 10	4446		21770
JUL 7	0- 4		4- 10	2875		32195
JUL 17	0- 5	---	5- 10	8892	----	20237
JUL 22	0- 4	---	4- 10	7282	____	29384
JUL 30	U- 3	3- 6	6- 10	1789	23252	10540
AUG 7	0- 3	3- 6	6- 10	4088	7666	10348
AUG 18	0- 3	3- 6	6- 10	1789	11754	2300
AUG 27	0- 3	3- 6	6- 10	0	8177	2683
SEP 3	0- 3	3- 6	6- 10	0	1533	1341
SEP 11	0- 3	3- 6	6- 10	0	2555	575
SEP 18	0- 3	3- 6	6- 10	256	0	192
OCT 1	0- 3	3- 6	6- 10	767	256	0
OCT 28	0- 10	---	---	383	---	---
NOV 12	0- 9			256		
DEC 9	0- 9			341		

CALANOID C4
1970

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
NAY 18	0- 10			77		
MAY 19	0- 10			0		
LAY 25	0- 10			0		
MAY 28	0- 10	---	---	77	----	----
JUN 2	0- 10	---	---	0	----	----
JUN 9	0- 2	2- 4	4- 10	10976	3136	523
JUN 16	0- 2	2- 4	4- 10	1568	6272	1344
JUN 22	0- 2	2- 5	5- 10	1568	14111	627
JUN 30	0- 2	2- 5	5- 10	0	2613	941
JUL 7	0- 2	2- 5	5- 10	0	16725	10976
JUL 14	0- 2	2- 5	5- 10	0	45470	12230
JUL 21	0- 2	2- 5	5- 10	0	40767	8153
JUL 28	0- 2	2- 5	5- 10	0	7840	10035
AUG 3	0- 3	3- 5	5- 10	523	39983	627
AUG 11	0- 3	3- 5	5- 9	0	25087	3528
AUG 18	0- 4	4- 6	6- 10	0	3136	784
AUG 25	0- 3	3- 5	5- 10	0	12544	0
SEP 1	0- 4	4- 6	6- 10	0	1568	0
SEP 8	0- 4	4- 7	7- 10	0	523	0
SEP 15	U- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	523	0
SEP 29	0- 5	5- 7	7- 10	627	784	0
OCT 6	0- 5	5- 7	7- 10	0	784	0
OCT 13	U- 10	---	---	157	____	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

CALANOID C4
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	U- 10			0		
FEB 23	0- 10			0		
MAR 31	U- 10		---	0		----
RAY 4	0- 10		---	0		----
MAY 11	0- 3		3- 10	523		0
MAY 18	0- 4	---	4- 10	7448	----	523
JUN 1	0- 4	---	4- 10	1176	----	523
JUN 8	0- 3	3- 6	6- 10	0	3659	314
JUN 15	0- 4	4- 7	7- 10	0	1045	392
JUN 22	0- 4	4- 7	7- 9	0	1568	0
JUN 29	0- 4	4- 7	7- 10	0	5226	784
JUL 6	0- 4	4- 7	7- 10	0	2091	1176
JUL 13	0- 4	4- 7	7- 10	392	1568	784
JUL 20	0- 3	3- 6	6- 10	0	523	1568
JUL 27	0- 4	4- 7	7- 10	784	2613	392
AUG 3	0- 4	4- 7	7- 10	392	1045	392
AUG 10	0- 3	3- 7	7- 10	0	1176	0
AUG 17	0- 4	4- 7	7- 10	0	2091	1176
AUG 24	0- 4	4- 7	7- 10	0	3136	0
AUG 31	0- 4	4- 7	7- 10	392	3659	0
SEP 7	0- 4	4- 7	7- 10	0	2091	0
SEP 14	0- 4	4- 7	7- 10	0	1045	392
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	1568	523	0
OCT 5	0- 6	6- 7	7- 10	523	3136	0
OCT 12	0- 7	---	7- 10	224	----	0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10		---	143		____

CALANOID C4
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	1045	0	261
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10	---	---	0	____	- --

CALANOID C4
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6			0		
MAY 15	0- 6		6- 10	0	0	
MAY 28	0- 3	3- 7		0	0	
JU 1	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	U- 5			0		
OCT 15	U- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CALANOID C4
1974

JUN

DATE	LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0		
jUNJUN 4 0- 3 3- 5 697 0 OCT 18 0- 9 0						
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		232	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID C4
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	U- 2					
JUL 10	0- 2			0		
JUL 21	0- 2					
AUG 5	0- 2					
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2					
OCT 28	0- 2					
NOV 11	0- 2					

CALANOID C4
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	U- 2			0		
JUN 8	0- 2			0		_-__'
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CALANOID C4
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	1358	0	0
JUN 28	0- 2	2- 5	5- 10	0	485	339
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	679	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	- __
NOV 1	0- 10			0		

CALANOID C4
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	---_	----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	1360	146	0
JUL 11	0- 3	3- 5	5- 9	459	1836	0
AUG 1	0- 2	2- 6	6- 9	0	1895	146
AUG 23	0- 2	2- 6	6- 9	0	146	0
SEP 12	0- 3	3- 6	6- 9	0	0	
OCT 24	0- 9	---	---	0	-__-	----

CALANOID C5
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		110
MAY 27	0- 5		5- 10	460		0
JUN 5	0- 6		6- 10	256		383
JUN 11	0- 4		4- 10	6324		1022
JUN 19	0- 4		4- 10	10540		1533
JUN 25	0- 4		4- 10	383		6516
JUL 3	0- 5		5- 10	6286		7666
JUL 7	0- 4		4- 10	4791		4855
JUL 17	0- 5	---	5- 10	8892	----	3373
JUL 22	0- 4	---	4- 10	2683	----	11498
JUL 30	0- 3	3- 6	6- 10	767	7154	2300
AUG 7	0- 3	3- 6	6- 10	2811	2811	7666
AUG 18	0- 3	3- 6	6- 10	511	19930	3066
AUG 27	0- 3	3- 6	6- 10	0	6132	1533
SEP 3	0- 3	3- 6	6- 10	0	0	1725
SEP 11	0- 3	3- 6	6- 10	0	3322	383
SEP 18	0- 3	3- 6	6- 10	256	1533	383
OCT 1	0- 3	3- 6	6- 10	1278	0	0
OCT 28	0- 10	---		460	____	----
NOV 12	0- 9			341		
DEC 9	0- 9			0		

CALANOID C5
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10	---		0	----	----
JUN 2	0- 10	---		0	----	----
JUN 9	0- 2	2- 4	4- 10	9408	2352	2091
JUN 16	0- 2	2- 4	4- 10	2352	0	672
JUN 22	0- 2	2- 5	5- 10	2352	5226	627
JUN 30	0- 2	2- 5	5- 10	784	2613	0
JUL 7	0- 2	2- 5	5- 10	0	5226	4390
JUL 14	0- 2	2- 5	5- 10	0	14634	3763
JUL 21	0- 2	2- 5	5- 10	0	8885	2509
JUL 28	0- 2	2- 5	5- 10	0	3136	1254
AUG 3	0- 3	3- 5	5- 10	523	16463	627
AUG 11	0- 3	3- 5	5- 9	0	19599	392
AUG 18	0- 4	4- 6	6- 10	0	2352	1568
AUG 25	0- 3	3- 5	5- 10	0	3920	0
SEP 1	0- 4	4- 6	6- 10	392	2352	0
SEP 8	0- 4	4- 7	7- 10	0	1045	0
SEP 15	0- 5	5- 7	7- 10	314	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	941	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			314	----	----
OCT 20	0- 10			157		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

CALANOID C5
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10			0		----
MAY 4	0- 10			0		----
MAY 11	0- 3		3- 10	1045		0
MAY 18	U- 4		4- 10	3136	----	784
JUN 1	0- 4		4- 10	1568	----	261
JUN 8	0- 3	3- 6	6- 10	1568	1045	941
JUN 15	0- 4	4- 7	7- 10	0	1568	784
JUN 22	U- 4	4- 7	7- 9	392	1568	0
JUN 29	0- 4	4- 7	7- 10	0	4181	392
JUL 6	0- 4	4- 7	7- 10	0	3659	1176
JUL 13	0- 4	4- 7	7- 10	0	2091	0
JUL 20	0- 3	3- 6	6- 10	0	2091	4704
JUL 27	0- 4	4- 7	7- 10	0	1568	1568
AUG 3	0- 4	4- 7	7- 10	784	2392	784
AUG 10	0- 3	3- 7	7- 10	0	784	392
AUG 17	0- 4	4- 7	7- 10	784	3136	0
AUG 24	0- 4	4- 7	7- 10	0	0	0
AUG 31	0- 4	4- 7	7- 10	392	523	392
SEP 7	0- 4	4- 7	7- 10	0	1568	0
SEP 14	0- 4	4- 7	7- 10	0	523	0
SEP 21	0- 5	5- 7	7- 10	0	0	342
SEP 28	0- 4	4- 7	7- 10	784	0	392
OCT 5	0- 6	6- 7	7- 10	523	0	0
OCT 12	0- 7	---	7- 10	672	----	392
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10			0		____

CALANOID C5
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	1045	1568	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	261	0	0
OCT 17	0- 10	---	---	0	----	____

CALANOID C5
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0	0	
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		--=
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		____'
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CALANOID C5
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		232	348	
JUN 18	0- 3	3- 5		0	348	
JUL 2	0- 2	2- 5		0	232	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		232	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	U- 4	4- 6		348	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		87	____	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CALANOID C5
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	9 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			220		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CALANOID C5
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			220		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CALANOID C5
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	9 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	1697	0
JUN 28	0- 2	2- 5	5- 10	0	0	339
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	1358	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	339	0	----
OCT 18	0- 9	---		0	----	
NOV 1	0- 10			0		

CALANOID C5
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	680	0	0
JUL 11	0- 3	3- 5	5- 9	459	459	0
AUG 1	0- 2	2- 6	6- 9	0	1166	0
AUG 23	0- 2	2- 6	6- 9	0	437	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	----	

CYCLOPS BICUSPIDATUS THOM.
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	0	'---	0
JUN 5	0- 6		6- 10	0		0
JUN 11	0- 4		4- 10	0		0
JUN 19	0- 4		4- 10	0		0
JUN 25	0- 4		4- 10	0		0
JUL 3	0- 5		5- 10	0		0
JUL 7	0- 4		4- 10	0		0
JUL 17	0- 5	---	5- 10	0		0
JUL 22	U- 4	---	4- 10	0	----	0
JUL 30	0- 3	3- 6	6- 10	0	0	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	0	0	0
AUG 27	U- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---	---	0		
NOV 12	0- 9			0		
DEC 9	0- 9			341		

CYCLOPS BICUSPIDATUS THOM.
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10			77	----	----
JUN 2	0- 10			0	----	----
JUN 9	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 4	4- 10	0	0	0
JUN 22	0- 2	2- 5	5- 10	0	0	0
JUN 30	0- 2	2- 5	5- 10	0	0	0
JUL 7	0- 2	2- 5	5- 10	0	0	0
JUL 14	0- 2	2- 5	5- 10	0	0	941
JUL 21	0- 2	2- 5	5- 10	0	0	0
JUL 28	0- 2	2- 7	7- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0	____	____
oCT 20	0- 10			0		
OCT 27	0- 10			157		
NOV 10	0- 10			0		
DEC 9	0- 10			1411		

CYCLOPS BICUSPIDATUS THOM.
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			314		
FEB 23	0- 10			314		
MAR 31	0- 10			157		----
MAY 4	0- 10			157		----
MAY 11	0- 3		3- 10	0		896
MAY 18	0- 4	---	4- 10	0	----	2875
JUN 1	0- 4	---	4- 10	0	----	2352
JUN 8	0- 3	3- 6	6- 10	1045	1045	1568
JUN 15	0- 4	4- 7	7- 10	0	1045	1176
JUN 22	0- 4	4- 7	7- 9	0	1045	2352
JUN 29	0- 4	4- 7	7- 10	0	2613	3528
JUL 6	0- 4	4- 7	7- 10	0	4181	1568
JUL 13	0- 4	4- 7	7- 10	0	5226	392
JUL 20	0- 3	3- 6	6- 10	0	0	314
JUL 27	0- 4	4- 7	7- 10	0	1045	392
AUG 3	0- 4	4- 7	7- 10	0	1568	1176
AUG 10	0- 3	3- 7	7- 10	0	0	392
AUG 17	0- 4	4- 7	7- 10	0	0	0
AUG 24	0- 4	4- 7	7- 10	0	523	•0
AUG 31	0- 4	4- 7	7- 10	0	523	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6	6- 7	7- 10	0	0	0
OCT 12	0- 7		7- 10	224	----	784
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10			0		____

CYCLOPS BICUSPIDATUS THOM.
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	0	261
JUN 13	0- 3	3- 6	6- 10	0	0	941
JUN 27	0- 3	3- 6	6- 10	0	0	
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10		---	0	____	

CYCLOPS BICUSPIDATUS THOM.
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	392	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0		
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CYCLOPS BICUSPIDATUS THOM.
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0		
JUN 4	0- 3	3- 5		0	0	
JUN 18	U- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CYCLOPS BICUSPIDATUS THOM.
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPS BICUSPIDATUS THOM.
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CYCLOPS BICUSPIDATUS THOM.
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	1697	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9	---		0		
NOV 1	0- 10			0		

CYCLOPS BICUSPIDATUS THOM.
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	680	729	255
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	U- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	----	____

MESOCYCLOPS EDAX
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	767		511
MAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	460		0
JUN 5	0- 6		6- 10	511		383
JUN 11	0- 4		4- 10	767		1533
JUN 19	0- 4		4- 10	2491		1661
JUN 25	0- 4		4- 10	1341		1661
JUL 3	0- 5		5- 10	767		613
JUL 7	0- 4		4- 10	767		1789
JUL 17	0- 5		5- 10	460	----	1226
JUL 22	0- 4		4- 10	0	----	1533
JUL 30	0- 3	3- 6	6- 10	256	0	0
AUG 7	0- 3	3- 6	6- 10	0	1278	383
AUG 18	0- 3	3- 6	6- 10	256	256	767
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	256	383
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	192
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10			0	----	___-_
NOV 12	0- 9			170		
DEC 9	0- 9			1107		

MESOCYCLOPS EDAX
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			511		
FEB 26	0- 10			230		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
RAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10	---		0	----	_-___
JUN 2	0- 10	---		153	____	----
JUN 9	0- 2	2- 4	4- 10	0	784	0
JUN 16	0- 2	2- 4	4- 10	0	784	672
JUN 22	0- 2	2- 5	5- 10	0	523	627
JUN 30	0- 2	2- 5	5- 10	0	523	0
JUL 7	0- 2	2- 5	5- 10	0	523	0
JUL 14	0- 2	2- 5	5- 10	0	1045	0
JUL 21	0- 2	2- 5	5- 10	0	0	0
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	314
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0	____	_ _
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

MESOCYCLCPE EDAX
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
REE 23	0- 10			0		
MAR 31	0- 10		---	0		___-
MAY 4	0- 10		---	0		__--
MAY 11	0- 3		3- 10	0		0
MAY 18	0- 4		4- 10	0	__--	0
JUN 1	0- 4		4- 10	0	----	523
JUN 8	0- 3	3- 6	6- 10	0	0	0
JUN 15	0- 4	4- 7	7- 10	0	0	0
JUN 22	0- 4	4- 7	7- 9	0	0	0
JUN 29	0- 4	4- 7	7- 10	0	0	1176
JUL 6	0- 4	4- 7	7- 10	0	523	0
JUL 13	0- 4	4- 7	7- 10	0	523	0
JUL 20	0- 3	3- 6	6- 10	0	0	627
JUL 27	0- 4	4- 7	7- 10	0	0	0
AUG 3	0- 4	4- 7	7- 10	392	0	784
AUG 10	0- 3	3- 7	7- 10	0	392	392
AUG 17	0- 4	4- 7	7- 10	0	2091	0
AUG 24	0- 4	4- 7	7- 10	0	0	392
AUG 31	0- 4	4- 7	7- 10	0	0	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6	6- 7	7- 10	0	0	392
OCT 12	0- 7	---	7- 10	0		0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10		---	143		

MESOCYCLOPS EDAX
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	224	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	0	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10		---	U	__--	

MESOCYCLOPS EDAX
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 26	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		U		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

MESOCYCLOPS EDAX
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	U	
JUL 2	0- 2	2- 5		0	465	
JUL 16	0- 3	3- 5		0	0	
JUL 30	U- 3	3- 5		0	1742	
AUG 13	0- 3	3- 6		0	465	
AUG 27	0- 4	4- 6		348	1045	
SEP 10	0- 4	4- 6		0	348	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8			0	-- --	
OCT 22	U- 10			0		
NOV 5	U- 10			0		

MESOCYCLOPS EDAX
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			299		
JUN 10	0- 2			174		
JUL 10	0- 2			659		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	U- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	U- 2			0		

MESOCYCLOPS EDAX
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

MESOCYCLOPS EDAX
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	970	0
JUN 14	0- 3	3- 5	5- 10	0	1697	0
JUN 28	0- 2	2- 5	5- 10	0	485	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	485	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9			0	___-	
NOV 1	0- 10			0		

MESOCYCLOPS EDAX
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	1360	0	128
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	583	0
AUG 23	0- 2	2- 6	6- 9	0	437	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0		

TROPOCYCLOPS PRASINUS MEX.
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	460		383
MAY 22	0- 4		4- 10	2683		219
MAY 27	0- 5		5- 10	460		460
JUN 5	0- 6		6- 10	1405		0
JUN 11	0- 4		4- 10	192		128
JUN 19	0- 4		4- 10	0		128
JUN 25	0- 4		4- 10	192		0
JUL 3	0- 5		5- 10	0		0
JUL 7	0- 4		4- 10	383		0
JUL 17	0- 5	---	5- 10	153	----	0
JUL 22	0- 4	---	4- 10	0	----	256
JUL 30	0- 3	3- 6	6- 10	511	0	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	511	511	192
AUG 27	0- 3	3- 6	6- 10	511	256	0
SEP 3	0- 3	3- 6	6- 10	256	511	767
SEP 11	0- 3	3- 6	6- 10	0	256	192
SEP 18	0- 3	3- 6	6- 10	256	1278	1150
OCT 1	0- 3	3- 6	6- 10	511	0	192
OCT 28	0- 10	---		460	____-	____-
NOV 12	0- 9			681		
DEC 9	0- 9			596		

TROPOCYCLOPS PRASINUS MEX.
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			1022		
FEB 26	0- 10			613		
APR 9	0- 10			690		
MAY 8	0- 10			537		
MAY 16	0- 6			256		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10			0	_ —	
JUN 2	0- 10			0	----	
JUN 9	0- 2	2- 4	4- 10	784	0	261
JUN 16	0- 2	2- 4	4- 10	0	784	0
JUN 22	0- 2	2- 5	5- 10	3136	1045	0
JUN 30	0- 2	2- 5	5- 10	0	0	0
JUL 7	0- 2	2- 5	5- 10	1568	523	314
JUL 14	0- 2	2- 5	5- 10	0	0	0
JUL 21	0- 2	2- 5	5- 10'	0	523	0
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0	---	---
OCT 20	0- 10			0		
OCT 27	0- 10			157		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

TROPOCYCLOPS PRASINUS MEX.
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10			0		____-
MAY 4	0- 10			0		-___
MAY 11	0- 3		3- 10	0		0
MAY 18	0- 4	---	4- 10	0	- —	0
JUN 1	0- 4	---	4- 10	0	- —	0
JUN 8	U- 3	3- 6	6- 10	0	0	0
JUN 15	0- 4	4- 7	7- 10	0	0	0
JUN 22	0- 4	4- 7	7- 9	0	0	0
JUN 29	0- 4	4- 7	7- 10	0	0	0
JUL 6	0- 4	4- 7	7- 10	0	0	0
JUL 13	0- 4	4- 7	7- 10	0	0	0
JUL 20	0- 3	3- 7	6- 10	0	0	0
JUL 27	0- 4	4-	7- 10	0	0	0
AUG 3	0- 4	4- 7	7- 10	0	0	0
AUG 10	0- 3	3- 7	7- 10	0	0	0
AUG 17	0- 4	4- 7	7- 10	0	0	0
AUG 24	0- 4	4- 7	7- 10	0	0	0
AUG 31	0- 4	4- 7	7- 10	0	0	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6	6- 7	7- 10	0	0	0
OCT 12	0- 7	---	7- 10	0	----	0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10			0		

TROPOCYCLOPS PRASINUS MEX.
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	0	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	
OCT 17	0- 10	---		0	_--_	

TROPOCYCLOPS PRASINUS MEX.
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

TROPOCYCLOPS PRASINUS MEX.
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE. UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0		
JUN 4	0- 3	---		0		
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		0	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0		
OCT 22	0- 10			0		
NOV 5	0- 10			0		

TROPOCYCLOPS PRASINUS MEX.
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			100		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

TROPOCYCLOPS PRASINUS MEX.
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			220		
SEP 28	0- 2			0		

TROPOCYCLOPS PRASINUS MEX.
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	679	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9	---		0		
NOV 1	0- 10			0		

TROPOCYCLOPS PRASINUS MEX.
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0		
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	765	0	0
OCT 24	0- 9	---	---	0		

CYCLOPOIDS N1
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	u- 5		5- 10	7819		5494
MAY 22	0- 4		4- 10	5941		3942
MAY 27	0- 5		5- 10	3833		2913
JUN 5	0- 6		6- 10	1150		1341
JUN 11	0- 4		4- 10	1341		511
JUN 19	0- 4		4- 10	1725		256
JUN 25	0- 4		4- 10	4791	-	1022
JUL 3	0- 5		5- 10	2453		920
JUL 7	0- 4		4- 10	4216		1022
JUL 17	0- 5	---	5- 10	2146	----	2146
JUL 22	0- 4	---	4- 10	4408	----	1278
JUL 30	u- 3	3- 6	6- 10	9199	5110	1725
AUG 7	0- 3	3- 6	6- 10	13031	4344	5941
AUG 18	0- 3	3- 6	6- 10	4855	1789	1916
AUG 27	0- 3	3- 6	6- 10	2811	3322	192
SEP 3	0- 3	3- 6	6- 10	1278	256	2108
SEP 11	0- 3	3- 6	6- 10	767	1533	192
SEP 18	0- 3	3- 6	6- 10	767	511	1725
OCT 1	0- 3	3- 6	6- 10	256	256	192
OCT 28	U- 10	---	---	460	----	____
NOV 12	0- 9			852		
DEC 9	0- 9			6132		

CYCLOPOIDS NL
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			9880		
FEB 26	0- 10			19624		
APR 9	U- 10			14258		
MAY 8	U- 10			3449		
MAY 16	0- 6			3194		
MAY 18	0- 10			3066		
MAY 19	0- 10			6362		
MAY 25	0- 10			2718		
MAY 28	0- 10	---	---	1916	____	----
JUN 2	0- 10	---	---	3373	____	----
JUN 9	0- 2	2- 4	4- 10	12544	2352	0
JUN 16	0- 2	2- 4	4- 10	7840	784	224
JUN 22	0- 2	2- 5	5- 10	7840	1045	941
JUN 30	0- 2	2- 5	5- 10	6272	3136	627
JUL 7	0- 2	2- 5	5- 10	3920	4704	4704
JUL 14	0- 2	2- 5	5- 10	784	5749	2509
JUL 21	0- 2	2- 5	5- 10	4704	16202	2509
JUL 28	0- 2	2- 5	5- 10	0	15679	2822
AUG 3	0- 3	3- 5	5- 10	1568	2352	0
AUG 11	0- 3	3- 5	5- 9	2091	1568	784
AUG 18	0- 4	4- 6	6- 10	784	3136	392
AUG 25	0- 3	3- 5	5- 10	523	1568	0
SEP 1	0- 4	4- 6	6- 10	2352	1568	784
SEP 8	0- 4	4- 7	7- 10	2352	523	523
SEP 15	0- 5	5- 7	7- 10	1882	1568	523
SEP 22	0- 4	4- 7	7- 10	1176	1045	0
SEP 29	0- 5	5- 7	7- 10	1568	0	0
OCT 6	0- 5	5- 7	7- 10	2509	0	0
OCT 13	0- 10	---	---	1098	____	____
OCa. 20	U- 10			941		
OCT 27	0- 10			314		
NOV 10	0- 10			784		
DEC 9	U- 10			3606		

CYCLOPOIDS N1
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			4390		
FEB 23	0- 10			4077		
MAR 31	0- 10		---	1098		____
MAY 4	0- 10		---	6899		
MAY 11	0- 3		3- 10	16725		2912
MAY 18	0- 4	---	4- 10	12936	----	5226
JUN 1	0- 4	---	4- 10	13720	----	6794
JUN 8	0- 3	3- 6	6- 10	6794	14111	7213
JUN 15	0- 4	4- 7	7- 10	10976	1045	7056
JUN 22	0- 4	4- 7	7- 9	3920	3659	0
JUN 29	0- 4	4- 7	7- 10	2352	6272	11368
JUL 6	0- 4	4- 7	7- 10	784	6272	4312
JUL 13	0- 4	4- 7	7- 10	1176	4704	784
JUL 20	0- 3	3- 6	6- 10	1045	3136	2822
JUL 27	0- 4	4- 7	7- 10	2352	3136	1960
AUG 3	0- 4	4- 7	7- 10	5488	3136	392
AUG 10	0- 3	3- 7	7- 10	1568	3920	1176
AUG 17	0- 4	4- 7	7- 10	11760	9408	1568
AUG 24	0- 4	4- 7	7- 10	16071	19338	3136
AUG 31	0- 4	4- 7	7- 10	5096	9408	2352
SEP 7	0- 4	4- 7	7- 10	784	6794	1568
SEP 14	0- 4	4- 7	7- 10	2352	2613	392
SEP 21	0- 5	5- 7	7- 10	941	1568	392
SEP 28	0- 4	4- 7	7- 10	392	0	0
OCT 5	0- 6	6- 7	7- 10	1568	6272	0
OCT 12	0- 7	---	7- 10	224	----	0
OCT 19	0- 7		7- 10	448		392
OCT 26	0- 10		---	285		_-__

CYCLOPOIDS N1
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	2912	----	784
MAY 16	0- 3	3- 6	6- 10	8885	2091	627
MAY 29	0- 3	3- 5	5- 10	8885	8624	2613
JUN 13	0- 3	3- 6	6- 10	8362	4181	2195
JUN 27	0- 3	3- 6	6- 10	9408	6794	1568
JUL 11	0- 3	3- 5	5- 10	523	5488	0
JUL 25	0- 3	3- 6	6- 10	1045	1045	314
AUG 8	0- 3	3- 6	6- 10	523	523	0
AUG 22	0- 3	3- 6	6- 10	0	1568	314
SEP 5	0- 4	4- 7	7- 10	392	2613	392
SEP 19	0- 4	4- 6	6- 10	784	4704	3136
OCT 3	0- 6	6- 8	8- 10	1307	784	0
OCT 17	0- 10	---	---	285	----	____

CYCLOPOIDS N1
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	6 INDIVIDUALS PER CUBIC METRE UPPER.	MIDDLE	LOWER
MAY 2	0- 6	---		3397	----	----
MAY 15	0- 6	---	6- 10	13066	----	627
MAY 28	0- 3	3- 7		15157	9800	----
JUN 11	0- 3	3- 6		5226	9930	
JUN 25	0- 4	4- 6		5488	9408	
JUL 9	0- 3	3- 6		0	3136	
JUL 23	0- 3	3- 5		1568	0	
AUG 6	0- 4	4- 6		5880	784	
AUG 20	0- 3	- -		2613	- - -	
SEP 3	0- 3	3- 4		4181	10976	
SEP 17	0- 5	---		5645	----	
OCT 1	0- 5			3136		
OCT 15	0- 6			1568		
OCT 29	0- 8			784		
NOV 6	0- 10			143		

CYCLOPOIDS N1
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	6 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		418	- - -	
JUN 4	0- 3	3- 5		1858	4181	
JUN 18	0- 3	3- 5		1626	1742	
JUL 2	0- 2	2- 5		697	3949	
JUL 16	0- 3	3- 5		1858	2787	
JUL 30	0- 3	3- 5		3252	6620	
AUG 13	0- 3	3- 6		0	697	
AUG 27	0- 4	4- 6		1220	697	
SEP 10	0- 4	4- 6		4007	2787	
SEP 24	0- 5	5- 6		4739	10453	
OCT 8	0- 8	---		1132	----	
OCT 22	0- 10			1140		
NOV 5	0- 10			824		

CYCLOPOIDS N1
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	6 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			2688		
JUN 10	0- 2			2613		
JUL 10	0- 2			659		
JUL 21	0- 2			659		
AUG 5	0- 2			0		
AUG 19	0- 2			659		
SEP 16	0- 2			0		
SEP 30	0- 2			440		
OCT 14	0- 2			220		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS N1
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			5495		
JUN 6	0- 2			220		
JUL 6	0- 2			440		
AUG 3	0- 2			0		
AUG 31	0- 2			220		
SEP 28	0- 2			659		

CYCLOPOIDS NL
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	1132	2263	0
MAY 31	0- 2	2- 5	5- 10	0	2910	0
JUN 14	0- 3	3- 5	5- 10	2716	0	0
JUN 28	0- 2	2- 5	5- 10	0	1455	0
JUL 12	0- 2	2- 4	4- 9	0	849	0
JUL 26	0- 3	3- 6	6- 10	1358	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	
AUG 23	0- 3	3- 7	7- 10	1132	849	0
SEP 20	0- 5	5- 8	---	1358	0	
OCT 18	0- 9	---		0	----	
NOV 1	0- 10			0		

CYCLOPOIDS N1
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	204	----	- —
NAY 23	0- 2	2- 4	4- 10	8161	1632	85
JUN 16	0- 2	2- 5	5- 9	9181	1020	383
JUL 11	0- 3	3- 5	5- 9	2295	459	0
AUG 1	0- 2	2- 6	6- 9	2040	874	0
AUG 23	0- 2	2- 6	6- 9	255	437	0
SEP 12	0- 3	3- 6	6- 9	1148	459	0
OCT 24	0- 9	---	---	0	----	----

CYCLOPOIDS N2
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	6592		3833
MAY 22	0- 4		4- 10	958		548
MAY 27	0- 5		5- 10	1226		613
JUN 5	0- 6		6- 10	894		958
JUN 11	0- 4		4- 10	958		256
JUN 19	0- 4		4- 10	767		256
JUN 25	0- 4		4- 10	2683		383
JUL 3	0- 5		5- 10	1686		1840
JUL 7	0- 4		4- 10	1341		511
JUL 17	0- 5	---	5- 10	767	----	613
JUL 22	0- 4	---	4- 10	3258	----	511
JUL 30	0- 3	3- 6	6- 10	2044	2044	3258
AUG 7	0- 3	3- 6	6- 10	1278	4344	2300
AUG 18	0- 3	3- 6	10	1533	2300	1725
AUG 27	0- 3	3- 6	6- 10	1022	6388	0
SEP 3	0- 3	3- 6	6- 10	1022	511	3258
SEP 11	0- 3	3- 6	6- 10	0	2555	383
SEP 18	0- 3	3- 6	6- 10	256	256	575
OCT 1	0- 3	3- 6	6- 10	0	511	192
OCT 28	0- 10	---	---	153	----	----
NOV 12	0- 9			85		
DEC 9	0- 9			1448		

CYCLOPOIDS N2
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			3577		
FEB 26	0- 10			4446		
APR 9	0- 10			9582		
MAY 8	0- 10			3833		
MAY 16	0- 6			5110		
MAY 18	0- 10			3066		
MAY 19	0- 10			6976		
MAY 25	0- 10			2787		
MAY 28	0- 10	---	---	2990	----	
JUN 2	0- 10	---	---	2070	- - -	----
JUN 9	0- 2	2- 4	4- 10	8624	1568	523
JUN 16	0- 2	2- 4	4- 10	3136	3920	448
JUN 22	0- 2	2- 5	5- 10	1568	4704	627
JUN 30	0- 2	2- 5	5- 10	1568	3136	0
JUL 7	0- 2	2- 5	5- 10	1568	4181	1254
JUL 14	0- 2	2- 5	5- 10	784	3659	941
JUL 21	0- 2	2- 5	5- 10	784	8885	941
JUL 28	0- 2	2- 5	5- 10	0	8885	0
AUG 3	0- 3	3- 5	5- 10	0	6272	0
AUG 11	0- 3	3- 5	5- 9	523	3920	1176
AUG 18	0- 4	4- 6	6- 10	784	1568	392
AUG 25	0- 3	3- 5	5- 10	0	784	314
SEP 1	U- 4	4- 6	6- 10	784	784	392
SEP 8	0- 4	4- 7	7- 10	0	523	0
SEP 15	0- 5	5- 7	7- 10	941	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	314	784	0
OCT 6	0- 5	5- 7	7- 10	1254	0	0
OCT 13	0- 10		---	0	____	----
OCT 20	0- 10			314		
OCT 27	0- 10			470		
NOV 10	0- 10			314		
EEC 9	0- 10			1098		

CYCLOPOIDS N2
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			3136		
FEB 23	0- 10			6272		
MAR 31	0- 10		---	1568		----
MAY 4	0- 10		---	314		----
MAY 11	0- 3		3- 10	13066		2016
MAY 18	0- 4		4- 10	5096	____	4443
JUN 1	0- 4		4- 10	10192	----	1568
JUN 8	0- 3	3- 6	6- 10	4181	7840	3763
JUN 15	0- 4	4- 7	7- 10	17247	4181	5880
JUN 22	0- 4	4- 7	7- 9	4704	3659	784
JUN 29	0- 4	4- 7	7- 10	2744	8362	10192
JUL 6	0- 4	4- 7	7- 10	1960	7840	5880
JUL 13	0- 4	4- 7	7- 10	1568	6794	784
JUL 20	0- 3	3- 6	6- 10	1045	4704	627
JUL 27	0- 4	4- 7	7- 10	1568	6794	784
AUG 3	0- 4	4- 7	7- 10	5488	1045	1568
AUG 10	0- 3	3- 7	7- 10	1568	3920	1176
AUG 17	0- 4	4- 7	7- 10	4312	3659	784
AUG 24	0- 4	4- 7	7- 10	5488	12544	3136
AUG 31	0- 4	4- 7	7- 10	1568	6794	2744
SEP 7	0- 4	4- 7	7- 10	0	6794	784
SEP 14	0- 4	4- 7	7- 10	392	1568	392
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	392	523	0
OCT 5	0- 6	6- 7	7- 10	1568	1568	392
OCT 12	0- 7		7- 10	448	----	784
OCT 19	0- 7		7- 10	448		0
OCT 26	0- 10			0		____

CYCLOPOIDS N2
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	1568	----	784
MAY 16	0- 3	3- 6	6- 10	10976	1568	0
MAY 29	0- 3	3- 5	5- 10	2613	8624	261
JUN 13	0- 3	3- 6	6- 10	3136	1045	1254
JUN 27	0- 3	3- 6	6- 10	523	3659	0
JUL 11	0- 3	3- 5	5- 10	523	784	0
JUL 25	0- 3	3- 6	6- 10	0	0	314
AUG 8	0- 3	3- 6	6- 10	0	523	314
AUG 22	0- 3	3- 6	6- 10	0	523	314
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	1568	627
OCT 3	0- 6	6- 8	8- 10	523	0	0
OCT 17	0- 10			285	----	----

CYCLOPOIDS N2
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		2091		
MAY 15	0- 6	---	6- 10	4965		941
MAY 28	0- 3	3- 7		3659	3528	
JUN 11	0- 3	3- 6		2091	8885	
JUN 25	0- 4	4- 6		1176	6272	
JUL 9	0- 3	3- 6		0	3136	
JUL 23	0- 3	3- 5		1568	0	
AUG 6	0- 4	4- 6		3528	0	
AUG 20	0- 3	---		523		
SEP 3	0- 3	3- 4		523	0	
SEP 17	0- 5	---		2195		
OCT 1	0- 5			1568		
OCT 15	0- 6			523		
OCT 29	0- 8			392		
NOV 6	0- 10			143		

CYCLOPOIDS N2
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		697	---	
JUN 4	U- 3	3- 5		929	4530	
JUN 18	0- 3	3- 5		1858	1394	
JUL 2	U- 2	2- 5		348	4878	
JUL 16	0- 3	3- 5		2323	3484	
JUL 30	U- 3	3- 5		4413	12544	
AUG 13	U- 3	3- 6		465	4413	
AUG 27	0- 4	4- 6		1394	1045	
SEP 10	0- 4	4- 6		4704	3833	
SEP 24	0- 5	5- 6		3763	5575	
OCT 8	0- 8	---		2875	----	
OCT 22	0- 10			1014		
NOV 5	0- 10			1140		

CYCLOPOIDS N2
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			3683		
JUN 10	0- 2			2265		
JUL 10	0- 2			3077		
JUL 21	0- 2			1978		
AUG 5	0- 2			440		
AUG 19	0- 2			659		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS N2
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			6813		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			1978		

CYCLOPOIDS N2
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	970	0
JUN 14	0- 3	3- 5	5- 10	679	3395	0
JUN 28	0- 2	2- 5	5- 10	3395	0	679
JUL 12	0- 2	2- 4	4- 9	0	1697	0
JUL 26	0- 3	3- 6	6- 10	0	485	0
AUG 9	0- 3	3- 6	6- 9	0	0	1455
AUG 23	0- 3	3- 7	7- 10	0	1273	0
SEP 20	0- 5	5- 8	---	2716	0	----
OCT 18	0- 9			377	---	
NOV 1	0- 10			0		

CYCLOPOIDS N2
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	357	----	----
MAY 23	0- 2	2- 4	4- 10	10542	1020	170
JUN 16	0- 2	2- 5	5- 9	6461	1749	510
JUL 11	0- 3	3- 5	5- 9	3213	918	287
AUG 1	0- 2	2- 6	6- 9	1785	3789	146
AUG 23	0- 2	2- 6	6- 9	255	1166	146
SEP 12	0- 3	3- 6	6- 9	2295	459	146
OCT 24	0- 9	---	---	227	----	----

CYCLOPOIDS N3
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5	---	5- 10	5213		1661
MAY 22	0- 4		4- 10	767		1533
MAY 27	0- 5		5- 10	1380		153
JUN 5	0- 6		6- 10	256		958
JUN 11	0- 4		4- 10	383		256
JUN 19	U- 4		4- 10	192		128
JUN 25	0- 4		4- 10	3066		383
JUL 3	0- 5		5- 10	1686		307
JUL 7	U- 4		4-'10	1341		256
17	U- 5		5- 10	613	----	307
JUL 22	0- 4	---	4- 10	383	---	256
JUL 30	U- 3	3- 6	6- 10	1278	767	767
AUG 7	U- 3	3- 6	6- 10	1278	2555	767
AUG 18	0- 3	3- 6	6- 10	767	1278	767
AUG 27	0- 3	3- 6	6- 10	511	2555	192
SEP 3	U- 3	3- 6	6- 10	256	1278	2300
SEP 11	0- 3	3- 6	6- 10	0	767	0
SEP 18	U- 3	3- 6	6- 10	0	256	383
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	U- 10	-7-	---	77	____	----
NOV 12	0- 9	---		0		
DEC 9	0- 9			937		

CYCLOPOIDS N3
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			1278		
FEB 26	0- 10			4446		
APR 9	0- 10			3603		
MAY 8	0- 10			3833		
MAY 16	0- 6			3194		
MAY 18	U- 10			3066		
MAY 19	0- 10			1916		
MAY 25	0- 10			139	----	
MAY 28	0- 10	---	---	1226	----	----
JUN 2	0- 10	---	---	1303	----	___-
JUN 9	0- 2	2- 4	4- 10	784	784	261
JUN 16	0- 2	2- 4	4- 10	784	1568	0
JUN 22	0- 2	2- 5	5- 10	0	1045	0
JUN 30	U- 2	2- 5	5- 10	0	1568	314
JUL 7	0- 2	2- 5	5- 10	784	3136	627
JUL 14	0- 2	2- 5	5- 10	0	523	314
JUL 21	0- 2	2- 5	5- 10	784	4181	314
JUL 28	0- 2	2- 5	5- 10	784	6794	627
AUG 3	0- 3	3- 5	5- 10	523	1568	627
AUG 11	0- 3	3- 5	5- 9	0	5488	0
AUG 18	0- 4	4- 6	6- 10	0	1568	0
AUG 25	0- 3	3- 5	5- 10	0	784	0
SEP 1	0- 4	4- 6	6- 10	0	2352	0
SEP 8	0- 4	4- 7	7- 10	0	523	0
SEP '15	0- 5	5- 7	7- 10	314	0	0
SEP 22	0- 4	4- 7	7- 10	392	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	314	784	0
OCT 13	U- 10	---	---	0	----	----
OCT 20	0- 10			0		
OCT 27	0- 10			157		
NOV 10	U- 10			941		
DEC 9	0- 10			157		

CYCLOPOIDS N3
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			2195		
NEB 23	0- 10			4233		
MAR 31	0- 10		---	1254		----
MAY 4	0- 10		---	314		----
MAY 11	U- 3		3- 10	3659		448
MAY 18	U- 4	---	4- 10	1960	----	523
JUN 1	U- 4	---	4- 10	10192	----	3136
JUN 8	0- 3	3- 6	6- 10	2091	4704	314
JUN 15	0- 4	4- 7	7- 10	4312	0	3528
JUN 22	0- 4	4- 7	7- 9	1960	1568	0
JUN 29	0- 4	4- 7	7- 10	1176	2613	5096
JUL 6	0- 4	4- 7	7- 10	784	8885	1568
JUL 13	0- 4	4- 7	7- 10	0	4704	392
JUL 20	0- 3	3- 6	6- 10	0	4181	941
JUL 27	0- 4	4- 7	7- 10	0	1568	1176
AUG 3	0- 4	4- 7	7- 10	5488	2613	1176
AUG 10	0- 3	3- 7	7- 10	1045	1568	392
AUG 17	0- 4	4- 7	7- 10	1960	2613	0
AUG 24	0- 4	4- 7	7- 10	392	6794	764
AUG 31	0- 4	4- 7	7- 10	1568	2091	0
SEP 7	0- 4	4- 7	7- 10	0	1568	784
SEP 14	0- 4	4- 7	7- 10	0	523	0
SEP 21	0- 5	5- 7	7- 10	0	0	392
SEP 28	0- 4	4- 7	7- 10	0	523	0
OCT 5	0- 6	6- 7	7- 10	784	0	392
OCT 12	0- 7	---	7- 10	224	----	0
OCT 19	0- 7		7- 10	0		392
OCT 26	0- 10		---	0		____

CYCLOPOIDS N3
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	672	----	0
MAY 16	0- 3	3- 6	6- 10	2613	523	314
MAY 29	0- 3	3- 5	5- 10	2091	3136	261
JUN 13	0- 3	3- 6	6- 10	3136	1045	627
JUN 27	0- 3	3- 6	6- 10	0	1568	314
JUL 11	0- 3	3- 5	5- 10	0	784	314
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10	---	---	285	----	----

CYCLOPOIDS N3
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		1829	----	
MAY 15	0- 6	---	6- 10	2352	----	0
MAY 28	0- 3	3- 7		2613	3136	
JUN 11	0- 3	3- 6		523	5226	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	523	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0	----	
SEP 3	0- 3	3- 4		523	0	
SEP 17	0- 5	---		627		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			196		
NOV 6	0- 10			143		

CYCLOPOIDS N3
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		1115	----	
JUN 4	0- 3	3- 5		697	5226	
JUN 18	0- 3	3- 5		1858	2439	
JUL 2	0- 2	2- 5		0	8362	
JUL 16	0- 3	3- 5		465	9756	
JUL 30	0- 3	3- 5		7201	24042	
AUG 13	0- 3	3- 6		3020	10221	
AUG 27	0- 4	4- 6		2091	1045	
SEP 10	0- 4	4- 6		2962	6620	
SEP 24	0- 5	5- 6		4739	4181	
OCT 8	0- 8	---		3571	----	
OCT 22	U- 10			2154		
NOV 5	0- 10			2091		

CYCLOPOIDS N3
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			3982		
JUN 10	0- 2			1829		
JUL 10	0- 2			2857		
JUL 21	0- 2			1099		
AUG 5	0- 2			1538		
AUG 19	0- 2			879		
SEP 16	0- 2			0		
SEP 30	0- 2			220		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS N3
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			6154		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			1319		

CYCLOPOIDS N3
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	2263	970	0
JUN 14	0- 3	3- 5	5- 10	0	4244	0
JUN 28	0- 2	2- 5	5- 10	1132	1455	0
JUL 12	0- 2	2- 4	4- 9	0	2546	0
JUL 26	0- 3	3- 6	6- 10	0	970	0
AUG 9	0- 3	3- 6	6- 9	0	1358	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	2037	0	
OCT 18	0- 9	---		189	----	
NOV 1	0- 10			509		

CYCLOPOIDS N3
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	408	----	----
MAY 23	0- 2	2- 4	4- 10	10882	1224	0
JUN 16	0- 2	2- 5	5- 9	5101	583	510
JUL 11	0- 3	3- 5	5- 9	1377	918	861
AUG 1	0- 2	2- 6	6- 9	765	2478	0
AUG 23	0- 2	2- 6	6- 9	0	729	-0
SEP 12	0- 3	3- 6	6- 9	1530	2295	146
OCT 24	0- 9	---	---	283	----	____

CYCLOPOIDS N4
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	11805		11243
MAY 22	0- 4		4- 10	958		3395
MAY 27	0- 5		5- 10	5213		920
JUN 5	0- 6		6- 10	256		575
JUN 11	0- 4		4- 10	192		767
JUN 19	0- 4		4- 10	1150		639
JUN 25	0- 4		4- 10	2683		511
JUL 3	0- 5		5- 10	1380		613
JUL 7	0- 4		4- 10	1533		767
JUL 17	0- 5	---	5- 10	613	----	307
JUL 22	0- 4	---	4- 10	767	____	767
JUL 30	0- 3	3- 6	6- 10	1022	9965	4216
AUG 7	0- 3	3- 6	6- 10	1533	5621	2683
AUG 16	0- 3	3- 6	6- 10	2044	3833	767
AUG 27	0- 3	3- 6	6- 10	1789	3833	383
SEP 3	0- 3	3- 6	6- 10	1022	2300	3641
SEP 11	0- 3	3- 6	6- 10	0	1278	0
SEP 18	0- 3	3- 6	6- 10	0	256	958
OCT 1	0- 3	3- 6	6- 10	256	0	0
OCT 28	0- 10	---	---	153	____	----
NOV 12	0- 9			85		
DEC 9	0- 9			767		

CYCLOPOIDS N4
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			3407		
FEB 26	0- 10			6286		
APR 9	0- 10			3909		
MAY 8	0- 10			6746		
MAY 16	0- 6			5110		
MAY 18	0- 10			6899		
MAY 19	0- 10			6286		
MAY 25	0- 10			3066		
MAY 28	0- 10	---	---	1456	----	----
JUN 2	0- 10	---	---	1226	----	____
JUN 9	0- 2	2- 4	4- 10	5488	5488	523
JUN 16	0- 2	2- 4	4- 10	2352	3136	672
JUN 22	0- 2	2- 5	5- 10	0	4704	627
JUN 30	0- 2	2- 5	5- 10	0	523	314
JUL 7	0- 2	2- 5	5- 10	0	4181	1882
JUL 14	0- 2	2- 5	5- 10	784	2091	627
JUL 21	0- 2	2- 5	5- 10	1568	8885	627
JUL 28	0- 2	2- 5	5- 10	0	10453	941
AUG 3	0- 3	3- 5	5- 10	0	2352	314
AUG 11	0- 3	3- 5	5- 9	0	3920	0
AUG 18	0- 4	4- 6	6- 10	0	3136	392
AUG 25	0- 3	3- 5	5- 10	523	3136	0
SEP 1	0- 4	4- 6	6- 10	0	2352	0
SEP 8	0- 4	4- 7	7- 10	392	523	0
SEP 15	0- 5	5- 7	7- 10	0	784	0
SEP 22	0- 4	4- 7	7- 10	0	523	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	314	1568	523
OCT 13	0- 10	---	---	627	____	----
OCT 20	0- 10			627		
OCT 27	0- 10			157		
NOV 10	U- 10			627		
DEC 9	0- 10			157		

CYCLOPOlDS N4
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PLR CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			3293		
FEB 23	0- 10			4861		
MAR 31	0- 10		---	2038		----
MAY 4	0- 10		---	784		----
MAY 11	U- 3		3- 10	2091		1344
MAY 18	0- 4	---	4- 10	2744	----	1568
JUN 1	0- 4	---	4- 10	12152	----	3920
JUN 8	0- 3	3- 6	6- 10	2091	8885	1862
JUN 15	0- 4	4- 7	7- 10	4704	2091	784
JUN 22	0- 4	4- 7	7- 9	3136	4181	784
JUN 29	0- 4	4- 7	7- 10	3528	7840	7840
JUL 6	0- 4	4- 7	7- 10	784	8885	6664
JUL 13	0- 4	4- 7	7- 10	1176	13589	392
JUL 20	0- 3	3- 6	6- 10	1568	3659	3136
JUL 27	0- 4	4- 7	7- 10	1960	3136	3136
AUG 3	0- 4	4- 7	7- 10	9016	5226	2744
AUG 10	0- 3	3- 7	7- 10	2613	8624	1568
AUG 17	0- 4	4- 7	7- 10	2744	7840	1176
AUG 24	0- 4	4- 7	7- 10	3528	18293	4312
AUG 31	0- 4	4- 7	7- 10	392	19338	1176
SEP 7	0- 4	4- 7	7- 10	784	1568	764
SEP 14	0- 4	4- 7	7- 10	1960	1568	784
SEP 21	0- 5	5- 7	7- 10	627	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6	6- 7	7- 10	0	3136	392
OCT 12	0- 7	---	7- 10	0	----	0
OCT 19	0- 7		7- 10	0		392
OCT 26	0- 10		---	285		----

CYCLOPOIDS N4
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	1344	----	1960
MAY 16	0- 3	3- 6	6- 10	12021	3136	627
MAY 29	0- 3	3- 5	5- 10	3136	10192	1568
JUN 13	0- 3	3- 6	6- 10	3136	3136	0
JUN 27	0- 3	3- 6	6- 10	0	4704	627
JUL 11	0- 3	3- 5	5- 10	0	2352	0
JUL 25	0- 3	3- 6	6- 10	0	0	314
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	523	392
SEP 19	0- 4	4- 6	6- 10	392	784	0
OCT 3	0- 6	6- 8	8- 10	261	0	0
OCT 17	0- 10	---	---	285	----	

CYCLOPOIDS N4
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		523		
MAY 15	0- 6	---	6- 10	3659		314
MAY 28	0- 3	3- 7		6794	5488	
JUN 11	0- 3	3- 6		1045	6794	
JUN 25	0- 4	4- 6		392	3136	
JUL 9	0- 3	3- 6		0	2091	
JUL 23	0- 3	3- 5		523	0	
AUG 6	0- 4	4- 6		1568	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		523	0	
SEP 17	0- 5	---		941		
OCT 1	0- 5			1254		
OCT 15	0- 6			261		
OCT 29	0- 8			392		
NOV 6	0- 10			143		

CYCLOPOIDS N4
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		836	----	
JUN 4	0- 3	3- 5		232	6272	
JUN 18	0- 3	3- 5		1394	3833	
JUL 2	0- 2	2- 5		0	9756	
JUL 16	0- 3	3- 5		697	12544	
JUL 30	0- 3	3- 5		5110	18467	
AUG 13	0- 3	3- 6		2323	12311	
AUG 27	0- 4	4- 6		1568	3484	
SEP 10	0- 4	4- 6		1742	7666	
SEP 24	0- 5	5- 6		976	2787	
OCT 8	0- 8			3484	----	
OCT 22	0- 10			2027		
NOV 5	0- 10			1964		

CYCLOPOIDS N4
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			1493		
JUN 10	0- 2			2875		
JUL 10	0- 2			1978		
JUL 21	0- 2			659		
AUG 5	0- 2			879		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS N4
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			5275		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			1099		

CYCLOPOIDS N4
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	1132	0
MAY 31	0- 2	2- 5	5- 10	2263	1940	0
JUN 14	0- 3	3- 5	5- 10	679	849	0
JUN 28	0- 2	2- 5	5- 10	1132	2425	0
JUL 12	0- 2	2- 4	4- 9	0	849	
JUL 26	0- 3	3- 6	6- 10	0	2425	0
AUG 9	0- 3	3- 6	6- 9	0	4074	0
AUG 23	0- 3	3- 7	7- 10	1132	0	0
SEP 20	0- 5	5- 8	---	679	0	
OCT 18	0- 9			0	----	
NOV 1	0- 10			170		

CYCLOPOIDS N4
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	306	----	----
MAY 23	0- 2	2- 4	4- 10	9521	204	0
JUN 16	0- 2	2- 5	5- 9	1700	729	128
JUL 11	0- 3	3- 5	5- 9	918	2754	1148
AUG 1	0- 2	2- 6	6- 9	510	4226	291
AUG 23	0- 2	2- 6	6- 9	0	1312	0
SEP 12	0- 3	3- 6	6- 9	765	0	
OCT 24	0- 9	---	---	510	----	----

CYCLOPOIDS N5
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	11345		5494
MAY 22	0- 4		4- 10	1725		3942
MAY 27	0- 5		5- 10	2606		3220
JUN 5	0- 6		6- 10	256		383
JUN 11	0- 4		4- 10	192		128
JUN 19	0- 4		4- 10	192		128
JUN 25	0- 4		4- 10	192		383
JUL 3	0- 5		5- 10	307		307
JUL 7	0- 4		4- 10	2108		767
JUL 17	0- 5	---	5- 10	1380	----	613
JUL 22	0- 4	---	4- 10	1341	----	511
JUL 30	0- 3	3- 6	6- 10	256	8943	2491
AUG 7	0- 3	3- 6	6- 10	767	4344	7282
AUG 18	0- 3	3- 6	6- 10	256	1789	1341
AUG 27	0- 3	3- 6	6- 10	511	2811	575
SEP 3	0- 3	3- 6	6- 10	256	2555	2108
SEP 11	0- 3	3- 6	6- 10	0	1278	575
SEP 18	0- 3	3- 6	6- 10	0	256	1533
OCT 1	0- 3	3- 6	6- 10	256	256	0
OCT 28	0- 10	---	---	153	---	----
NOV 12	0- 9			85	----	
DEC 9	0- 9			0		

CYCLOPOIDS N5
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			596		
REB 26	0- 10			537		
APR 9	0- 10			5749		
MAY 8	0- 10			7206		
MAY 16	0- 6			15842		
MAY 18	0- 10			13261		
MAY 19	0- 10			3143		
MAY 25	0- 10			1185		
MAY 28	0- 10	---		3373	----	----
JUN 2	0- 10	---		1686	----	----
JUN 9	0- 2	2- 4	4- 10	3920	9408	523
JUN 16	0- 2	2- 4	4- 10	784	2352	0
JUN 22	0- 2	2- 5	5- 10	0	4181	314
JUN 30	0- 2	2- 5	5- 10	784	2091	0
JUL 7	0- 2	2- 5	5- 10	2352	3659	941
JUL 14	0- 2	2- 5	5- 10	784	1568	314
JUL 21	0- 2	2- 5	5- 10	784	7317	314
JUL 28	0- 2	2- 5	5- 10	784	14111	1254
AUG 3	0- 3	3- 5	5- 10	523	7056	314
AUG 11	0- 3	3- 5	5- 9	0	8624	392
AUG 18	0- 4	4- 6	6- 10	784	3136	0
AUG 25	0- 3	3- 5	5- 10	0	5488	0
SEP 1	0- 4	4- 6	6- 10	0	1568	0
SEP 8	0- 4	4- 7	7- 10	0	1568	0
SEP 15	0- 5	5- 7	7- 10	314	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	314	0	392
OCT 6	0- 5	5- 7	7- 10	627	0	523
OCT 13	0- 10			784	----	----
OCT 20	0- 10			1098		
OCT 27	0- 10			157		
NOV 10	0- 10			627		
DEC 9	0- 10			470		

CYCLOPOIDS N5
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			1882		
FEB 23	0- 10			5488		
MAR 31	0- 10			1882		- —
MAY 4	0- 10			2822		----
MAY 11	0- 3		3- 10	13066		896
MAY 18	0- 4	---	4- 10	5880	----	2875
JUN 1	0- 4	---	4- 10	11760	----	4443
JUN 8	0- 3	3- 6	6- 10	3659	10453	3763
JUN 15	0- 4	4- 7	7- 10	10584	1568	784
JUN 22	0- 4	4- 7	7- 9	1960	4704	1568
JUN 29	0- 4	4- 7	7- 10	3136	13589	7840
JUL 6	0- 4	4- 7	7- 10	392	15157	4312
JUL 13	0- 4	4- 7	7- 10	1568	25610	392
JUL 20	0- 3	3- 6	6- 10	523	13589	4704
JUL 27	0- 4	4- 7	7- 10	2744	3136	1960
AUG 3	0- 4	4- 7	7- 10	1176	5226	1960
AUG 10	0- 3	3- 7	7- 10	1045	3528	1568
AUG 17	0- 4	4- 7	7- 10	1176	6794	784
AUG 24	0- 4	4- 7	7- 10	392	13066	4704
AUG 31	0- 4	4- 7	7- 10	0	9408	3528
SEP 7	0- 4	4- 7	7- 10	0	4181	1568
SEP 14	0- 4	4- 7	7- 10	784	4704	0
SEP 21	0- 5	5- 7	7- 10	0	1568	0
SEP 28	0- 4	4- 7	7- 10	0	0	
OCT 5	0- 6	6- 7	7- 10	0	1568	1176
OCT 12	0- 7		7- 10	224	----	0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10			143		----

CYCLOPOIDS N5
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	9 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	1792	——-	1176
MAY 16	0- 3	3- 6	6- 10		3136	0
MAY 29	0- 3	3- 5	5- 10	4181	19599	784
JUN 13	0- 3	3- 6	6- 10	4704	4704	941
JUN 27	0- 3	3- 6	6- 10	0	2613	0
JUL 11	0- 3	3- 5	5- 10	0	784	314
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	314
AUG 22	0- 3	3- 6	6- 10	0	523	0
SEP 5	0- 4	4- 7	7- 10	392	523	0
SEP 19	0- 4	4- 6	6- 10	0	784	314
OCT 3	0- 6	6- 8	8- 10	523	784	0
OCT 17	0- 10		---	1140	----	----

CYCLOPOIDS N5
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		261	_-__	----
MAY 15	0- 6	---	6- 10	2613	---	314
MAY 28	0- 3	3- 7		1045	7840	---
JUN 11	0- 3	3- 6		523	6272	
JUN 25	0- 4	4- 6		0	4704	
JUL 9	0- 3	3- 6		0	2091	
JUL 23	0- 3	3- 5		523	784	
AUG 6	0- 4	4- 6		784	784	
AUG 20	0- 3	--		0	----	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0	----	
OCT 1	0- 5			941		
OCT 15	0- 6			784		
OCT 29	0- 8			1568		
NOV 6	0- 10			143		

CYCLOPOIDS N5
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		232	5923	
JUN 18	0- 3	3- 5		465	2439	
JUL 2	0- 2	2- 5		0	4181	
JUL 16	0- 3	3- 5		929	15331	
JUL 30	0- 3	3- 5		1161	10453	
AUG 13	0- 3	3- 6		1626	6272	
AUG 27	0- 4	4- 6		1568	4181	
SEP 10	0- 4	4- 6		174	3833	
SEP 24	0- 5	5- 6		418	1394	
OCT 8	0- 8	---		3746	----	
OCT 22	0- 10			1901		
NOV 5	0- 10			1710		

CYCLOPOIDS N5
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			498		
JUN 10	0- 2			1220		
JUL 10	0- 2			879		
JUL 21	0- 2			0		
AUG 5	0- 2			220		
AUG 19	0- 2			440		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS N5
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			3077		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			659		

CYCLOPOIDS N5
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	6790	1940	0
JUN 14	0- 3	3- 5	5- 10	679	0	1358
JUN 28	0- 2	2- 5	5- 10	0	485	679
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	485	0
AUG 9	0- 3	3- 6	6- 9	0	1358	0
AUG 23	0- 3	3- 7	7- 10	0	1697	0
SEP 20	0- 5	5- 8	---	679	0	----
OCT 18	0- 9	---		189	----	
NOV 1	0- 10			0		

CYCLOPOIDS N5
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	204	----	----
MAY 23	0- 2	2- 4	4- 10	13262	612	0
JUN 16	0- 2	2- 5	5- 9	1020	437	128
JUL 11	0- 3	3- 5	5- 9	918	5050	1148
AUG 1	0- 2	2- 6	6- 9	0	3935	0
AUG 23	0- 2	2- 6	6- 9	0	3498	0
SEP 12	0- 3	3- 6	6- 9	383	0	0
OCT 24	0- 9	---	---	567	----	----

CYCLOPOIDS N6
1969

BATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC (METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	10578		7027
MAY 22	0- 4		4- 10	1341		9746
MAY 27	U- 5		5- 10	3833		3066
JUN 5	0- 6		6- 10	767		1341
JUN 11	0- 4		4- 10	0		128
JUN 19	0- 4		4- 10	192		0
JUN 25	0- 4		4- 10	0		128
JUL 3	0- 5	--	5- 10	1686	----	920
JUL 7	0- 4	---	4- 10	3066	----	2300
JUL 17	0- 5	5- 10	10- 10	460	0	1226
JUL 22	0- 4	---	4- 10	767	----	511
JUL 30	0- 3	3- 6	6- 10	1533	6643	2300
AUG 7	0- 3	3- 5	5- 9	1533	6899	0
AUG 18	0- 3	3- 6	6- 10	1789	3066	958
AUG 27	0- 3	3- 6	6- 10	1022	1278	192
SEP 3	0- 3	3- 6	6- 10	767	1789	767
SEP 11	0- 3	3- 6	6- 10	0	3577	767
SEP 18	0- 3	3- 6	6- 10	0	2555	2875
OCT 1	0- 3	3- 6	6- 10	511	0	0
OCT 28	0- 10	---	---	153	----	----
NOV 12	0- 9			767		
DEC 9	0- 9			85		

CYCLOPOIDS N6
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			460		
APR 9	0- 10			1226		
MAY 8	0- 10			1073		
MAY 16	0- 6			17866		
MAY 18	0- 10			6976		
MAY 19	0- 10			1303		
MAY 25	0- 10			4251		____
MAY. 28	0- 10	---	---	7742	----	----
JUN 2	0- 10	---	---	613	----	____
JUN 9	0- 2	2- 4	4- 10	10192	7840	523
JUN 16	0- 2	2- 4	4- 10	0	7056	448
JUN 22	0- 2	2- 5	5- 10	0	2091	0
JUN 30	0- 2	2- 5	5- 10	0	2613	0
JUL 7	0- 2	2- 5	5- 10	784	4181	0
JUL 14	0- 2	2- 5	5- 10	3136	3659	0
JUL 21	0- 2	2- 5	5- 10	784	3136	0
JUL 28	0- 2	2- 5	5- 10	3136	5226	941
AUG 3	0- 2	2- 5	5- 10	784	5226	0
AUG 11	0- 3	3- 5	5- 9	0	784	784
AUG 18	0- 4	4- 6	6- 10	0	3136	1176
AUG .25	0- 3	3- 5	5- 10	0	6272	627
SEP 1	0- 4	4- 6	6- 10	0	784	0
SEP 8	0- 4	4- 7	7- 10	0	523	0
SEP 15	0- 5	5- 7	7- 10	314	0	523
SEP 22	0- 4	4- 7	7- 10	0	1045	392
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	941	0	0
OCT 13	0- 10	---	--	784	____	----
OCT 20	0- 10			941		
OCT 27	0- 10			314		
NOV 10	0- 10			1411		
DEC 9	0- 10			470		

CYCLOPOIDS N6
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			1254		
FEB 23	0- 10			2352		
MAR 31	0- 10		---	941		----
MAY 4	0- 10		---	12387		----
MAY 11	0- 3		3- 10	20906		4704
MAY 18	0- 4	---	4- 10	9016	----	4704
JUN 1	0- 4	---	4- 10	32927	----	6794
JUN 8	0- 3	3- 6	6- 10	4704	7840	4390
JUN 15	0- 4	4- 7	7- 10	16463	4704	1960
JUN 22	0- 4	4- 7	7- 9	3528	8362	0
JUN 29	0- 4	4- 7	7- 10	6664	7840	9408
JUL 6	0- 4	4- 7	7- 10	784	9408	4312
JUL 13	0- 4	4- 7	7- 10	2352	16202	784
JUL 20	0- 3	3- 6	6- 10	0	21429	5331
JUL 27	0- 4	4- 7	7- 10	2352	6272	1568
AUG 3	0- 4	4- 7	7- 10	784	7840	3528
AUG 10	0- 3	3- 7	7- 10	3659	3920	1960
AUG 17	0- 4	4- 7	7- 10	764	4181	1960
AUG 24	0- 10	10- 13	13- 10	7	21951	2744
AUG 31	0- 4	4- 7	7- 10	0	16202	3528
SEP 7	0- 4	4- 7	7- 10	392	3136	2744
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	627	0	0
SEP 28	0- 4	4- 7	7- 10	392	523	0
OCT 5	0- 6	6- 7	7- 10	0	0	784
OCT 12	0- 7	---	7- 10	224	----	392
OCT 19	0- 7		7- 10	672		392
OCT 26	0- 10		---	570		____

CYCLOPOIDS N6 m
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	2464	----	1568
MAY 16	0- 3	3- 6	6- 10	523	5226	627
MAY 29	0- 3	3- 5	5- 10	1568	19599	1307
JUN 13	0- 3	3- 6	6- 10	1568	13066	1568
JUN 27	0- 3	3- 6	6- 10	0	4181	0
JUL 11	0- 3	3- 5	5- 10	0	2352	314
JUL 25	0- 3	3- 6	6- 10	0	2091	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	1045	314
SEP 5	0- 4	4- 7	7- 10	0	0	392
SEP 19	0- 4	4- 6	6- 10	0	784	627
OCT 3	0- 6	6- 8	6- 10	1045	784	523
OCT 17	0- 10	---	---	1996	____	____

CYCLOPOIDS N6
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		784		
MAY 15	0- 6	---	6- 10	2352	----	0
MAY 28	0- 3	3- 7		3136	5880	
JUN 11	0- 3	3- 6		523	5226	
JUN 25	0- 4	4- 6		0	4704	
JUL 9	0- 3	3- 6		0	4181	
JUL 23	0- 3	3- 5		0	784	
AUG 6	0- 4	4- 6		1960	0	
AUG 20	0- 3	---		0	---	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		627		
OCT 1	0- 5			2195		
OCT 15	0- 6			1568		
OCT 29	0- 8			1960		
NOV 6	0- 10			143		

CYCLOPOIDS N6
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	--		0	---	
JUN 4	0- 3	3- 5		0	3833	
JUN 18	0- 3	3- 5		697	2091	
JUL 2	0- 2	2- 5		0	2323	
JUL 16	0- 3	3- 5		232	11150	
JUL 30	0- 3	3- 5		0	5575	
AUG 13	0- 3	3- 6		232	2323	
AUG 27	0- 4	4- 6		1742	4181	
SEP 10	0- 4	4- 6		1220	4878	
SEP 24	0- 5	5- 6		0	2787	
OCT 8	0- 8	---		2352	----	
OCT 22	0- 10			2724		
NOV 5	0- 10			2027		

CYCLOPOIDS N6
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			87		
JUL 10	0- 2			1319		
JUL 21	0- 2			0		
AUG 5	0- 2			440		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			220		
OCT 14	0- 2			220		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS N6
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	MIDDLE	LOWER
MAY 11	0- 2			2637	
JUN 8	0- 2			0	
JUL 6	0- 2			0	
AUG 3	0- 2			0	
AUG 31	0- 2			0	
SEP 28	0- 2			440	

CYCLOPOIDS N6
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS. PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	1455	0
JUN 14	0- 3	3- 5	5- 10	0	0	679
JUN 28	0- 2	2- 5	5- 10	1132	970	0
JUL 12	0- 2	2- 4	4- 9	0	1697	0
JUL 26	0- 3	3- 6	6- 10	679	0	485
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	849	0
SEP 20	0- 5	5- 8	---	0	0	----
OCT 18	0- 9	---		0	____	____
NOV 1	0- 10			509	____	

CYCLOPOIDS N6
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	8 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	6121	408	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	0	5509	574
AUG 1	0- 2	2- 6	6- 9	0	3643	146
AUG 23	0- 2	2- 6	6- 9	0	7870	[illegible]
SEP 12	0- 3	3- 6	6- 9	383	459	-0
OCT 24	0- 9	---	---	227	----	____

CYCLOPOIDS Cl
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	15638		9199
MAY 22	0- 4		4- 10	5941		23325
MAY 27	0- 5		5- 10	27902		18857
JUN 5	0- 6		6- 10	16353		15906
JUN 11	0- 4		4- 10	2683		3194
JUN 19	0- 4		4- 10	383		9326
JUN 25	0- 4		4- 10	1150		3833
JUL 3	0- 5		5- 10	1073		920
JUL 7	0- 4		4- 10	2683		767
JUL 17	0- 5	---	5- 10	6592	----	4906
JUL 22	0- 4	---	4- 10	2875	----	3833
JUL 30	0- 3	3- 6	6- 10	1789	5621	2300
AUG 7	0- 3	3- 6	6- 10	2044	8943	958
AUG 18	0- 3	3- 6	6- 10	2555	4088	383
AUG 27	0- 3	3- 6	6- 10	767	3066	0
SEP 3	0- 3	3- 6	6- 10	1789	767	1341
SEP 11	0- 3	3- 6	6- 10	511	1278	0
SEP 18	0- 3	3- 6	6- 10	0	511	1725
OCT 1	0- 3	3- 6	6- 10	511	256	0
OCT 28	0- 10	---	---	920	___-	----
NOV 12	0- 9			341		
DEC 9	0- 9			85		

CYCLOPOIDS Cl
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			85		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			307		
MAY 16	0- 6			639		
MAY 18	0- 10			383		
MAY 19	0- 10			460		
MAY 25	0- 10			1115		
MAY 28	0- 10	---	---	3909	----	----
JUN 2	0- 10	---	---	3909		----
JUN 9	0- 2	2- 4	4- 10	3920	10192	2613
JUN 16	0- 2	2- 4	4- 10	784	11760	2464
JUN 22	0- 2	2- 5	5- 10	784	4704	941
JUN 30	0- 2	2- 5	5- 10	784	1568	941
JUL 7	0- 2	2- 5	5- 10	5488	9408	2509
JUL 14	0- 2	2- 5	5- 10	1568	2091	314
JUL 21	0- 2	2- 5	5- 10	0	5226	314
JUL 28	0- 2	2- 5	5- 10	784	6794	627
AUG 3	0- 3	3- 5	5- 10	523	5488	314
AUG 11	0- 3	3- 5	5- 9	0	1568	392
AUG 18	0- 4	4- 6	6- 10	784	6272	392
AUG 25	0- 3	3- 5	5- 10	523	10192	627
SEP 1	0- 4	4- 6	6- 10	0	784	392
SEP 8	0- 4	4- 7	7- 10	392	523	523
SEP 15	0- 5	5- 7	7- 10	2509	0	523
SEP 22	0- 4	4- 7	7- 10	1568	2613	392
SEP 29	0- 5	5- 7	7- 10	1568	784	0
OCT 6	0- 5	5- 7	7- 10	314	0	0
OCT 13	0- 10	---	---	1725	----	----
OCT 20	0- 10			941		
OCT 27	0- 10			470		
NOV 10	0- 10			314		
DEC 9	0- 10			627		

CYCLOPOIDS Cl
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			784		
FEB 23	0- 10			2352		
MAR 31	0- 10		---	314		----
MAY 4	0- 10		---	6429		----
MAY 11	0- 3		3- 10	0		7392
MAY 18	0- 4	---	4- 10	7840	----	6794
JUN 1	0- 4	---	4- 10	17247	---	17509
JUN 8	0- 3	3- 6	6- 10	2091	71080	17875
JUN 15	0- 4	4- 7	7- 10	4704	21951	7840
JUN 22	0- 4	4- 7	7- 9	784	5226	1568
JUN 29	0- 4	4- 7	7- 10	1176	29791	21559
JUL 6	0- 4	4- 7	7- 10	0	13589	5096
JUL 13	0- 4	4- 7	7- 10	1176	18293	1568
JUL 20	0- 3	3- 6	6- 10	0	6794	9721
JUL 27	0- 4	4- 7	7- 10	1176	13066	7448
AUG 3	0- 4	4- 7	7- 10	392	10453	3920
AUG 10	0- 3	3- 7	7- 10	1045	3528	2352
AUG 17	0- 4	4- 7	7- 10	784	7840	2352
AUG 24	0- 4	4- 7	7- 10	392	12021	3528
AUG 31	0- 4	4- 7	7- 10	392	7317	2352
SEP 7	0- 4	4- 7	7- 10	392	3136	2352
SEP 14	0- 4	4- 7	7- 10	1960	6272	784
SEP 21	0- 5	5- 7	7- 10	1568	3136	0
SEP 28	0- 4	4- 7	7- 10	784	0	0
OCT 5	0- 6	6- 7	7- 10	523	1568	4312
OCT 12	0- 7	---	7- 10	224	----	0
OCT 19	0- 7		7- 10	1568		1568
OCT 26	0- 10		---	428		----

CYCLOPOIDS Cl
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	672	----	392
MAY 16	0- 3	3- 6	6- 10	0	9930	1568
MAY 29	0- 3	3- 5	5- 10	1568	19599	8885
JUN 13	0- 3	3- 6	6- 10	523	4181	1254
JUN 27	0- 3	3- 6	6- 10	0	4181	314
JUL 11	0- 3	3- 5	5- 10	0	784	1254
JUL 25	0- 3	3- 6	6- 10	1045	1045	0
AUG 8	0- 3	3- 6	6- 10	523	523	0
AUG 22	0- 3	3- 6	6- 10	0	523	0
SEP 5	0- 4	4- 7	7- 10	392	523	0
SEP 19	0- 4	4- 6	6- 10	392	1568	0
OCT 3	0- 6	6- 8	8- 10	1568	784	0
OCT 17	0- 10	---	---	1140	----	----

CYCLOPOIDS Cl
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
WAY 2	0– 6			784	----	----
MAY 15	0– 6	---	6– 10	1829	----	627
MAY 28	0– 3	3– 7		0	7448	----
JUN 11	0– 3	3– 6		0	12544	
JUN 25	0– 4	4– 6		0	6272	
JUL 9	0– 3	3– 6		0	2613	
JUL 23	0– 3	3– 5		1045	1568	
AUG 6	0– 4	4– 6		392	0	
AUG 20	0– 3	---		523	____	
SEP 3	0– 3	3– 4		2613	1568	
SEP 17	0– 5	---		2822	____	
OCT 1	0– 5			2195		
OCT 15	0– 6			784		
OCT 29	0– 8			2156		
NOV 6	0– 10			570		

CYCLOPOIDS Cl
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0– 5	---		0	----	
JUN 4	0– 3	3– 5		465	4878	
JUN 18	0– 3	3– 5		1626	5226	
JUL 2	0– 2	2– 5		0	2091	
JUL 16	0– 3	3– 5		465	15331	
JUL 30	0– 3	3– 5		1394	17422	
AUG 13	0– 3	3– 6		929	1161	
AUG 27	U– 4	4– 6		2787	2787	
SEP 10	0– 4	4– 6		348	2439	
SEP 24	0– 5	5– 6		1394	4181	
OCT 8	0– 8	---		3397	----	
OCT 22	0– 10			3294		
NOV 5	0– 10			2914		

CYCLOPOIDS Cl
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0– 2			199		
JUN 10	0– 2			1132		
JUL 10	0– 2			5714		
JUL 21	0– 2			0		
AUG 5	0– 2			0		
AUG 19	0– 2			440		
SEP 16	0– 2			0		
SEP 30	0– 2			220		
OCT 14	0– 2			220		
OCT 28	0– 2			220		
NOV 11	0– 2			0		

CYCLOPOIDS Cl
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0– 2			2637		
JUN 8	0– 2			0		
JUL 6	0– 2			0		
AUG 3	0– 2			220		
AUG 31	0– 2			220		
SEP 28	0– 2			440		

CYCLOPOIDS Cl
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0– 3	3– 6	6– 10	0	0	0
MAY 31	0– 2	2– 5	5– 10	0	6305	0
JUN 14	0– 3	3– 5	5– 10	0	1697	0
JUN 28	0– 2	2– 5	5– 10	2264	0	679
JUL 12	0– 2	2– 4	4– 9	849	0	0
JUL 26	0– 3	3– 6	6– 10	679	970	0
AUG 9	0– 3	3– 6	6– 9	0	0	970
AUG 23	0– 3	3– 7	7– 10	0	849	0
SEP 20	0– 5	5– 8	---	1358	0	----
OCT 18	0– 9	---		189	----	
NOV 1	0– 10			170		

CYCLOPOIDS C1
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0– 10	---	---	102	----	----
MAY 23	0– 2	2– 4	4– 10	6801	408	0
JUN 16	0– 2	2– 5	5– 9	3060	874	638
JUL 11	0– 3	3– 5	5– 9	0	3673	574
AUG 1	0– 2	2– 6	6– 9	0	583	291
AUG 23	0– 2	2– 6	6– 9	510	2623	0
SEP 12	0– 3	3– 6	6– 9	765	0	0
OCT 24	0– 9	---	---	57		

CYCLOPOIDS C2
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	1380		256
MAY 22	0- 4		4- 10	2875		2519
MAY 27	0- 5		5- 10	9199		7206
JUN 5	0- 6		6- 10	9837		13415
JUN 11	0- 4		4- 10	3258		9582
JUN 19	0- 4		4- 10	0		18014
JUN 25	0- 4		4- 10	4408		5494
JUL 3	0- 5		5- 10	307		16251
JUL 7	0- 4		4- 10	192		4599
JUL 17	0- 5	---	5- 10	3986	---	2453
JUL 22	0- 4	---	4- 10	2683	---	2
JUL 30	0- 3	3- 6	6-10	1278	767	2300
AUG 7	0- 3	3- 6	6- 10	1278	0	0
AUG 18	0- 3	3- 6	6- 10	256	0	0
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	256	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	192
SEP 18	0- 3	3- 6	6- 10	0	0	192
OCT 1	0- 3	3- 6	6- 10	256	256	383
OCT 28	0- 10	---	---	153		
NOV 12	0- 9			256		
DEC 9	0- 9			85		

CYCLOPOIDS C2
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS. PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			77		
MAY 16	0- 6			256	----	
MAY 18	0- 10			77		
MAY 19	0- 10			153		
MAY 25	0- 10			348		
MAY 28	0- 10	---		1533	----	----
JUN 2	0- 10	---		2530	----	---_
JUN 9	0- 2	2- 4	4- 10	1568	11760	1829
JUN 16	0- 2	2- 4	4- 10	1568	6272	2464
JUN 22	0- 2	2- 5	5- 10	0	1568	314
JUN 30	0- 2	2- 5	5- 10	0	1568	1254
JUL 7	0- 2	2- 5	5- 10	784	2091	1568
JUL 14	0- 2	2- 5	5- 10	0	523	1568
JUL 21	0- 2	2- 5	5- 10	0	0	1568
JUL 28	0- 2	2- 5	5- 10	0	1045	0
AUG 3	0- 3	3- 5	5- 10	0	0	314
AUG 11	0- 3	3- 5	5- 9	0	784	0
AUG 18	0- 4	4- 6	6- 10	0	3136	392
AUG 25	0- 3	3- 5	5- 10	0	0	314
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	392	0	0
SEP 15	0- 5	5- 7	7- 10	627	784	0
SEP 22	0- 4	4- 7	7- 10	392	523	0
SEP 29	0- 5	5- 7	7- 10	314	0	0
OCT 6	0- 5	5- 7	7- 10	941	784	0
OCT 13	0- 10			1098	_--_	___-
OCT 20	0- 10			627		
OCT 27	0- 10			314		
NOV 10	U- 10			157		
DEC 9	0- 10			0		

CYCLOPOIDS C2
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			157		
FEB 23	0- 10			784		
MAR 31	0- 10			314		----
MAY 4	0- 10			1254		----
MAY 11	0- 3		3- 10	0		11872
MAY 18	0- 4		4- 10	3136	----	13850
JUN 1	0- 4		4- 10	2744	----	10714
JUN 8	0- 3	3- 6	6- 10	2613	18293	12544
JUN 15	0- 4	4- 7	7- 10	1176	26655	6664
JUN 22	0- 4	4- 7	7- 9	392	2613	2352
JUN 29	0- 4	4- 7	7- 10	0	10453	12936
JUL 6	0- 4	4- 7	7- 10	0	7317	7840
JUL 13	0- 4	4- 7	7- 10	392	12021	1960
JUL 20	0- 3	3- 6	6- 10	0	2091	3763
JUL 27	0- 4	4- 7	7- 10	1176	6794	3920
AUG 3	0- 4	4- 7	7- 10	1568	4181	3528
AUG 10	0- 3	3- 7	7- 10	0	3528	3920
AUG 17	0- 4	4- 7	7- 10	392	1568	1176
AUG 24	0- 4	4- 7	7- 10	1176	4181	1176
AUG 31	0- 4	4- 7	7- 10	0	3136	392
SEP 7	0- 4	4- 7	7- 10	0	523	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	314	0	0
SEP 28	0- 4	4- 7	7- 10	1568	1045	392
OCT 5	0- 6	6- 7	7- 10	0	3136	392
OCT 12	0- 7		7- 10	896	----	0
OCT 19	0- 7		7- 10	672		392
OCT 26	0- 10			1710		----

CYCLOPOIDS C2
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	224	----	0
MAY 16	0- 3	3- 6	6- 10	0	3136	627
MAY 29	0- 3	3- 5	5- 10	0	5488	9408
JUN 13	0- 3	3- 6	6- 10	0	1568	941
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	784	0	0
SEP 19	0- 4	4- 6	6- 10	0	784	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10			713		

CYCLOPOIDS C2
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		261		
MAY 15	0- 6	---	6- 10	1568	----	314
MAY 28	0- 3	3- 7	_ _	0	784	
JUN 11	0- 3	3- 6		0	1045	
JUN 25	0- 4	4- 6		0	784	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	--		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		2195	---	
OCT 1	0- 5			0		
OCT 15	0- 6			1045		
OCT 29	0- 8			1372		
NOV 6	0- 10			428		

CYCLOPOIDS C2
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		232	2091	
JUN 18	0- 3	3- 5		0	3484	
JUL 2	0- 2	2- 5		0	697	
JUL 16	0- 3	3- 5		929	8362	
JUL 30	0- 3	3- 5		1858	11498	
AUG 13	0- 3	3- 6		1161	697	
AUG 27	0- 4	4- 6		1045	1045	
SEP 10	0- 4	4- 6		523	697	
SEP 24	0- 5	5- 6		1394	2787	
OCT 8	0- 8	---		1307	---	
OCT 22	0- 10			1330		
NOV 5	0- 10			2471		

CYCLOPOIDS C2
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			871		
JUL 10	0- 2			1319		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS C2
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CYCLOPOIDS C2
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	970	377
JUN 14	0- 3	3- 5	5- 10	1358	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	339
JUL 12	0- 2	2- 4	4- 9	0	0	679
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	---
OCT 18	0- 9	---		0	----	
NOV 1	0- 10			339		

CYCLOPOIDS C2
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	7821	204	0
JUN 16	0- 2	2- 5	5- 9	2380	2186	510
JUL 11	0- 3	3- 5	5- 9	0	3673	287
AUG 1	0- 2	2- 6	6- 9	0	291	0
AUG 23	0- 2	2- 6	6- 9	510	1020	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	----	- -

CYCLOPOIDS C3
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		219
MAY 27	0- 5		5- 10	1226		460
JUN 5	0- 6		6- 10	14181		3833
JUN 11	0- 4		4- 10	2108		4344
JUN 19	U- 4		4- 10	1150		11243
JUN 25	0- 4		4- 10	10540		5494
JUL 3	0- 5		5- 10	0		7666
JUL 7	0- 4		4- 10	0	____	12776
JUL 17	0- 5	---	5- 10	2606	----	7666
JUL 22	0- 4	---	4- 10	2108	____	10732
JUL 30	0- 3	3- 6	6- 10	767	511	575
AUG 7	0- 3	3- 6	6- 10	511	0	383
AUG 18	0- 3	3- 6	6- 10	256	256	383
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	192
SEP 18	0- 3	3- 6	6- 10	0	256	0
OCT 1	0- 3	3- 6	6- 10	511	1278	575
OCT 28	0- 10	---	---	0	____	----
NOV 12	0- 9			0		
DEC 9	0- 9			256		

CYCLOPOIDS C3
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE.	LOWER
JAN 22	0- 9		---	170		
FEB 26	0- 10			77		
APR 9	0- 10			230		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10	---		307	____	----
JUN 2	0- 10	---		843	----	
JUN 9	0- 2	2- 4	4- 10	0	2352	3136
JUN 16	0- 2	2- 4	4- 10	0	2352	1344
JUN 22	0- 2	2- 5	5- 10	0	2613	627
JUN 30	0- 2	2- 5	5- 10	0	0	941
JUL 7	0- 2	2- 5	5- 10	784	523	627
JUL 14	0- 2	2- 5	5- 10	784	523	1254
JUL 21	0- 2	2- 5	5- 10	0	0	1254
JUL 28	0- 2	2- 5	5- 10	0	1045	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	392
AUG, 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	392
SEP 8	0- 4	4- 7	7- 10	0	523	0
SEP 15	0- 5	5- 7	7- 10	314	0	0
SEP 22	0- 4	4- 7	7- 10	392	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			470	____	----
OCT 20	U- 10			157		
OCT 27	0- 1U			0		
NOV 10	U- 10			0		
DEC 9	0- 10			0		

CYCLOPOIDS C3
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			157		
FEB 23	0- 10			0		
MAR 31	0- 10		---	314		----
MAY 4	0- 10		---	0		----
MAY 11	0- 3		3- 10	0		5824
MAY 18	0- 4	---	4- 10	1176	----	12805
JUN 1	0- 4	---	4- 10	1176	----	6010
JUN 8	0- 3	3- 6	6- 10	523	16202	11289
JUN 15	0- 4	4- 7	7- 10	392	13589	9408
JUN 22	0- 4	4- 7	7- 9	0	2091	1558
JUN 29	0- 4	4- 7	7- 10	392	3659	7840
JUL 6	0- 4	4- 7	7- 10	0	2613	1568
JUL 13	0- 4	4- 7	7- 10	392	6794	392
JUL 20	0- 3	3- 6	6- 10	0	523	314
JUL 27	0- 4	4- 7	7- 10	392	3659	2744
AUG 3	0- 4	4- 7	7- 10	392	2613	3528
AUG 10	0- 3	3- 7	7- 10	0	392	784
AUG 17	0- 4	4- 7	7- 10	0	523	392
AUG 24	0- 4	4- 7	7- 10	392	2091	1176
AUG 31	0- 4	4- 7	7- 10	0	523	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	314	0	0
SEP 28	0- 4	4- 7	7- 10	0	523	392
OCT 5	0- 6	6- 7	7- 10	0	0	1176
OCT 12	0- 7	---	7- 10	448	----	784
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10		---	0		----

CYCLOPOIDS C3
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	523	0	5488
JUN 13	0- 3	3- 6	6- 10	0	523	2509
JUN 27	0- 3	3- 6'	10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10	---	---	285	----	

CYCLOPOIDS C3
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		261	----	
MAY 15	0- 6	---	6- 10	0	----	0
MAY 28	0- 3	3- 7		0	392	
JUN 11	0- 3	3- 6		0	2091	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	– –		0	-___	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		314	----	
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			392		
NOV 6	0- 10			428		

CYCLOPOIDS C3
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWLR	9 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		1626	1742	
JUN 18	0- 3	3- 5		232	2439	-
JUL 2	0- 2	2- 5		1045	1626	
JUL 16	0- 3	3- 5		929	5226	
JUL 30	0- 3	3- 5		697	8014	
AUG 13	0- 3	3- 6		1394	465	
AUG 27	0- 4	4- 6		2091	1045	
SEP 10	0- 4	4- 6		523	348	
SEP 24	0- 5	5- 6		1951	4181	
OCT 8	0- 8	---		436	----	
OCT 22	0- 10			760		
NOV 5	0- 10			1204		

CYCLOPOIDS C3
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			1394		
JUL 10	0- 2			879		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			220		
OCT 14	0- 2			220		
OCT 28	0- 2			220		
NOV 11	0- 2			0		

CYCLOPOIDS C3
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			220		
SEP 28	0- 2			0		

CYCLOPOIDS C3
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	485	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	339
JUL 26	0- 3	3- 6	6- 10	0	0	º
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	– –
OCT 18	0- 9	---		377	____	
NOV 1	0- 10			0		

CYCLOPOIDS C3
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	9 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	2720	204	0
JUN 16	0- 2	2- 5	5- 9	2720	3935	893
JUL 11	0- 3	3- 5	5- 9	918	1377	0
AUG 1	0- 2	2- 6	6- 9	0	146	146
AUG 23	0- 2	2- 6	6- 9	0	291	0
SEP 12	0- 3	3- 6	6- 9	0	0	146
OCT 24	0- 9	---	– –	57	----	____

CYCLOPOIDS C4
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		110
MAY 27	0- 5		5- 10	1226		0
JUN 5	0- 6		6- 10	3322		1725
JUN 11	0- 4		4- 10	575		2172
JUN 19	0- 4		4- 10	383		3577
JUN 25	0- 4		4- 10	13223		1661
JUL 3	0- 5		5- 10	0		6746
JUL 7	0- 4		4- 10	575		5877
JUL 17	0- 5	---	5- 10	613	----	7666
JUL 22	0- 4	---	4- 10	2108	----	10221
JUL 30	0- 3	3- 6	6- 10	256	511	575
AUG 7	0- 3	3- 6	6- 10	511	1278	383
AUG 18	0- 3	3- 6	6- 10	256	256	192
AUG 27	0- 3	3- 6	6- 10	0	0	192
SEP 3	0- 3	3- 6	6- 10	0	256	383
SEP 11	0- 3	3- 6	6- 10	0	256	0
SEP 18	0- 3	3- 6	6- 10	0	767	0
OCT 1	0- 3	3- 6	6- 10	256	511	0
OCT 28	0- 10	---	---	230	----	----
NOV 12	0- 9			170	----	
DEC 9	0- 9			511	----	

CYCLOPOIDS C4
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			256		
FEB 26	0- 10			230		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10	---	---	153	----	----
JUN 2	0- 10	---	---	460	----	----
JUN 9	0- 2	2- 4	4- 10	0	0	2091
JUN 16	0- 2	2- 4	4- 10	0	1568	3136
JUN 22	0- 2	2- 5	5- 10	0	7317	2509
JUN 30	0- 2	2- 5	5- 10	0	0	5958
JUL 7	0- 2	2- 5	5- 10	0	523	2509
JUL 14	0- 2	2- 5	5- 10	784	523	1568
JUL 21	0- 2	2- 5	5- 10	0	1568	1568
JUL 28	0- 2	2- 5	5- 10	0	0	314
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	784	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10	---	---	470	____	----
OCT 20	0- 10			157		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	U- 10			0		

CYCLOPOIDS C4
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			314		
FEB 23	0- 10			314		
MAR 31	0- 10		---	157		----
MAY 4	0- 10		---	157		----
MAY 11	0- 3		3- 10	0		224
MAY 18	0- 4	---	4- 10	0	----	4704
JUN 1	0- 4	---	4- 10	1176	----	10453
JUN 8	0- 3	3- 6	6- 10	1568	13589	10976
JUN 15	0- 4	4- 7	7- 10	392	13066	6272
JUN 22	0- 4	4- 7	7- 9	784	523	784
JUN 29	0- 4	4- 7	7- 10	0	1045	5096
JUL 6	0- 4	4- 7	7- 10	0	2091	1568
JUL 13	0- 4	4- 7	7- 10	0	5749	0
JUL 20	0- 3	3- 6	6- 10	0	523	627
JUL 27	0- 4	4- 7	7- 10	0	3136	2352
AUG 3	0- 4	4- 7	7- 10	392	1045	2744
AUG 10	0- 3	3- 7	7- 10	523	1176	1176
AUG 17	0- 4	4- 7	7- 10	0	1045	784
AUG 24	0- 4	4- 7	7- 10	0	1045	0
AUG 31	0- 4	4- 7	7- 10	0	1568	392
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	392	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	392	523	392
OCT 5	0- 6	6- 7	7- 10	784	0	784
OCT 12	0- 7	---	7- 10	672	----	784
OCT 19	0- 7		7- 10	0		784
OCT 26	0- 10		---	143		----

CYCLOPOIDS C4
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	0	2091
JUN 13	0- 3	3- 6	6- 10	0	523	5017
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10	---	---	0	____	----

CYCLOPOIDS C4
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0	----	
MAY 15	0- 6	---	6- 10	523	---	314
MAY 28	0- 3	3- 7		0	784	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0	____	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0	----	
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			285		

CYCLOPOIDS C4
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		465	2787	
JUL 2	0- 2	2- 5		348	1161	
JUL 16	0- 3	3- 5		232	1742	
JUL 30	0- 3	3- 5		232	3484	
AUG 13	0- 3	3- 6		697	697	
AUG 27	0- 4	4- 6		2613	1394	
SEP 10	0- 4	4- 6		174	0	
SEP 24	0- 5	5- 6		279	0	
OCT 8	0- 8			174	----	
OCT 22	0- 10			190		
NOV 5	0- 10			127		

CYCLOPOIDS C4
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			697		
JUL 10	0- 2			659		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS C4
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CYCLOPOIDS C4
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	1455	0
JUN 14	0- 3	3- 5	5- 10	0	1697	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9			0	____	
NOV 1	0- 10			0		

CYCLOPOIDS C4
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10 ---		---	0	----	
MAY 23	0- 2	2- 4	4- 10	340	0	0
JUN 16	0- 2	2- 5	5- 9	2040	2915	128
JUL 11	0- 3	3- 5	5- 9	2295	459	0
AUG 1	0- 2	2- 6	6- 9	0	146	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	340	____	

CYCLOPOIDS C5
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	6 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	0		0
JUN 5	0- 6		6- 10	383		0
JUN 11	U- 4		4- 10	575		2172
JUN 19	0- 4		4- 10	1150		1661
JUN 25	0- 4		4- 10	1916		1150
JUL 3	0- 5		5- 10	0		2146
JUL 7	0- 4		4- 10	192		1022
JUL 17	0- 5	---	5- 10	307	----	613
JUL 22	0- 4	---	4- 10	1533	----	511
JUL 30	U- 3	3- 6	6- 10	767	256	0
AUG 7	0- 3	3- 6	6- 10	0	1278	575
AUG 18	0- 3	3- 6	6- 10	511	767	383
AUG 27	0- 3	3- 6	6- 10	511	256	0
SEP 3	0- 3	3- 6	6- 10	0	0	192
SEP 11	0- 3	3- 6	6- 10	256	0	0
SEP 18	0- 3	3- 6	6- 10	0	511	0
OCT 1	0- 3	3- 6	6- 10	0	256	0
OCT 28	0- 10	---	- -	0	----	----
NOV 12	0- 9			426	----	
DEC 9	0- 9			170		

CYCLOPOIDS C5
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	6 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			426		
FEB 26	0- 10			77		
APR 9	0- 10			77		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10	---		0	----	----
JUN 2	0- 10	---		153	____	----
JUN 9	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 4	4- 10	784	0	448
JUN 22	0- 2	2- 5	5- 10	784	1045	627
JUN 30	U- 2	2- 5	5- 10	0	523	941
JUL 7	0- 2	2- 5	5- 10	784	523	0
JUL 14	0- 2	2- 5	5- 10	0	1568	314
JUL 21	0- 2	2- 5	5- 10	0	0	314
JUL 28	0- 2	2- 5	5- 10	0	523	314
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0	____	----
OCT 20	0- 10			0		
OCT 27	0- 10			157		
NOV 10	0- 10			0		
DEC 9	0- 10			157		

CYCLOPOIDS C5
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			157		
MAR 31	0- 10			0		----
MAY 4	0- 10			157		- —
MAY 11	0- 3		3- 10	0		1120
MAY 18	0- 4		4- 10	0	----	784
JUN 1	0- 4		4- 10	1176	----	5226
JUN 8	0- 3	3- 6	6- 10	523	2613	2509
JUN 15	0- 4	4- 7	7- 10	0	4181	1568
JUN 22	0- 4	4- 7	7- 9	0	0	784
JUN 29	0- 4	4- 7	7- 10	392	1045	2744
JUL 6	0- 4	4- 7	7- 10	0	1045	1568
JUL 13	0- 4	4- 7	7- 10	0	2091	392
JUL 20	0- 3	3- 6	6- 10	0	0	0
JUL 27	0- 4	4- 7	7- 10	392	523	392
AUG 3	0- 4	4- 7	7- 10	784	0	784
AUG 10	0- 3	3- 7	7- 10	0	784	392
AUG 17	0- 4	4- 7	7- 10	0	0	392
AUG 24	0- 4	4- 7	7- 10	0	523	0
AUG 31	0- 4	4- 7	7- 10	0	0	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	523	0
OCT 5	0- 6	6- 7	7- 10	261	1568	392
OCT 12	0- 7		7- 10	448	----	392
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10			0		

CYCLOPOIDS C5
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	1568	0
JUN 13	0- 3	3- 6	6- 10	0	0	314
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10			143	____	_ —

CYCLOPOIDS C5
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0		
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			0		

CYCLOPOIDS C5
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		0	697	
JUL 2	0- 2	2- 5		348	0	
JUL 16	0- 3	3- 5		0	697	
JUL 30	0- 3	3- 5		0	697	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		2265	2091	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0	----	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

CYCLOPOIDS C5
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			100		
JUN 10	0- 2			261		
JUL 10	0- 2			440		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	U- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

CYCLOPOIDS C5
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

CYCLOPOIDS C5
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	339
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	----
OCT 18	0- 9	---		0		
NOV 1	0- 10			0		

CYCLOPOIDS C5
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	51	———	----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	1360	1749	255
JUL 11	0- 3	3- 5	5- 9	0	1377	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	----	

h. Roti fera

FILINIA LONGISETA
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	8739		44971
MAY 22	0- 4		4- 10	0		21463
MAY 27	0- 5		5- 10	0		40014
JUN 5	0- 6		6- 10	12009		174581
JUN 11	0- 4		4- 10	0		51231
JUN 19	0- 4		4- 10	192		27213
JUN 25	0- 4		4- 10	0		8560
JUL 3	0- 5		5- 10	460		11038
JUL 7	0- 4		4- 10	0		8688
JUL 17	0- 5	---	5- 10	0	----	31582
JUL 22	0- 4	---	4- 10	0	----	8688
JUL 30	0- 3	3- 6	6- 10	0	256	19739
AUG 7	0- 3	3- 6	6- 10	0	4088	15331
AUG 18	0- 3	3- 6	6- 10	0	0	192
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	192
SEP 11	0- 3	3- 6	6- 10	0	0	383
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---		153	____	----
NOV 12	0- 9			85		
DEC 9	0- 9			256		

FILINIA LONGISETA
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			2640		
FEB 26	0- 10			9429		
APR 9	0- 10			60634		
MAY 8	0- 10			48523		
MAY 16	0- 6			188826		
MAY 18	0- 10			128550		
MAY 19	0- 10			183742		
MAY 25	0- 10			131916		
MAY 28	0- 10	---	---	107393	----	----
JUN 2	0- 10	---	---	379442	----	----
JUN 9	0- 2	2- 4	4- 10	0	53310	439024
JUN 16	0- 2	2- 4	4- 10	0	47038	1127570
JUN 22	0- 2	2- 5	5- 10	0	75784	954250
JUN 30	0- 2	2- 5	5- 10	0	15157	387595
JUL 7	0- 2	2- 5	5- 10	0	19338	189407
JUL 14	0- 2	2- 5	5- 10	2352	13066	312334
JUL 21	0- 2	2- 5	5- 10	0	38153	176550
JUL 28	0- 2	2- 5	5- 10	0	31359	184703
AUG 3	0- 3	3- 5	5- 10	0	50958	26969
AUG 11	0- 3	3- 5	5- 9	0	85453	31359
AUG 18	0- 4	4- 6	6- 10	3528	32927	11368
AUG 25	0- 3	3- 5	5- 10	0	9408	2822
SEP 1	0- 4	4- 6	6- 10	0	3136	392
SEP 8	0- 4	4- 7	7- 10	0	1568	0
SEP 15	0- 5	5- 7	7- 10	314	2352	0
SEP 22	0- 4	4- 7	7- 10	0	3659	784
SEP 29	0- 5	5- 7	7- 10	0	1568	392
OCT 6	0- 5	5- 7	7- 10	0	784	0
OCT 13	0- 10		---	1568	----	----
OCT 20	0- 10			7997		
OCT 27	0- 10			5645		
NOV 10	0- 10			40610		
DEC 9	0- 10			83101		

FILINIA LONGISETA
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			666689		
FEB 23	0- 10			82787		
MAR 31	0- 10		---	8310		----
MAY 4	0- 10		---	15052		----
MAY 11	0- 3		3- 10	3136		99900
MAY 18	0- 4	---	4- 10	0	----	82578
JUN 1	0- 4	---	4- 10	0	----	110017
JUN 8	0- 3	3- 6	6- 10	1045	1045	111951
JUN 15	0- 4	4- 7	7- 10	392	8885	41943
JUN 22	0- 4	4- 7	7- 9	0	9408	15679
JUN 29	0- 4	4- 7	7- 10	392	6794	77613
JUL 6	0- 4	4- 7	7- 10	0	142682	80357
JUL 13	0- 4	4- 7	7- 10	784	205400	56054
JUL 20	0- 3	3- 6	6- 10	0	523	26341
JUL 27	0- 4	4- 7	7- 10	0	65331	58798
AUG 3	0- 4	4- 7	7- 10	0	21429	125827
AUG 10	0- 3	3- 7	7- 10	1045	11760	105444
AUG 17	0- 4	4- 7	7- 10	0	1568	7448
AUG 24	0- 4	4- 7	7- 10	392	44425	32927
AUG 31	0- 4	4- 7	7- 10	0	30314	12152
SEP 7	0- 4	4- 7	7- 10	0	4704	21559
SEP 14	0- 4	4- 7	7- 10	392	8362	2744
SEP 21	0- 5	5- 7	7- 10	627	8624	2352
SEP 28	0- 4	4- 7	7- 10	0	15157	7840
OCT 5	0- 6	6- 7	7- 10	0	0	1176
OCT 12	0- 7		7- 10	672	----	27831
OCT 19	0- 7		7- 10	672		9408
OCT 26	0- 10		---	7270		----

FILINIA LONGISETA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	24191	----	18815
MAY 16	0- 3	3- 6	6- 10	0	60627	42962
MAY 29	0- 3	3- 5	5- 10	0	1568	37369
JUN 13	0- 3	3- 6	6- 10	0	23519	253379
JUN 27	0- 3	3- 6	6- 10	523	81010	79965
JUL 11	0- 3	3- 5	5- 10	1568	3920	197247
JUL 25	0- 3	3- 6	6- 10	523	28746	28223
AUG 8	0- 3	3- 6	6- 10	2613	523	941
AUG 22	0- 3	3- 6	6- 10	0	0	314
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	0	0	3449
OCT 3	0- 6	6- 8	8- 10	0	4704	1568
OCT 17	0- 10		---	10548	____	----

o

FILINIA LONGISETA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		224477	----	----
MAY 15	0- 6	---	6- 10	242247	----	162752
MAY 28	0- 3	3- 7		33972	303397	----
JUN 11	0- 3	3- 6		523	89373	
JUN 25	0- 4	4- 6		0	470383	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		16725	73693	
AUG 6	0- 4	4- 6		0	10976	
AUG 20	0- 3	---		0	----	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0	----	
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			285		

FILINIA LONGISETA
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		0	0	- -
JUN 18	0- 3	3- 5		0	0	
JUL 2	U- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	2555	
AUG 27	0- 4	4- 6		0	4530	
SEP 10	0- 4	4- 6		0	4530	
SEP 24	0- 5	5- 6		0	4878	
OCT 8	0- 8	---		4530	----	
OCT 22	U- 10			12924		
NOV 5	0- 10			22300		

FILINIA LONGISETA
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			8163		
JUN 10	0- 2			0		
JUL 10	U- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			220		

FILINIA LONG1SETA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			440		
JUN 8	0- 2			0		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

FILINIA LONGISETA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	449264	142021	0
MAY 31	0- 2	2- 5	5- 10	1989430	0	455677
JUN 14	0- 3	3- 5	5- 10	80121	538098	185703
JUN 28	0- 2	2- 5	5- 10	61109	125127	11882
JUL 12	0- 2	2- 4	4- 9	0	1697	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	----
OCT 18	0- 9	---		189	----	
NOV 1	U- 10			0		

FILINIA LONGISETA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	340	0	85
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	0	918	0
AUG 1	0- 2	2- 6	6- 9	0	5101	583
AUG 23	0- 2	2- 6	6- 9	255	68350	874
SEP 12	0- 3	3- 6	6- 9	765	173527	5246
OCT 24	0- 9	---	---	17626	----	———

PCLYAFAURA

1969

		SAMPLING LAYER (METRES) UPPER.	MIDDLE	', UDR	4 INDIV.IDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
MAY	17	O- 5		5- 10	21463		24274
MAY	22	O- 4		4- 10	89303		39970
NAY	27	U- 5		5- 10	60251		47373
JEN	5	O- 6		6- 10	66307		96202
	11	O- 4"		4- 10	5557		59791
'JUN	19	U- 4		4- 10	1725		20314
JUN	25 -	O- 4		4- 10	4024		14692
JUL	3	O- 5		5- 10	1533		31275
JUL	7	O- 4		4- 10	3833		
JUL	17	U- 5	---	5- 10	7819	----	49979
JUL	22	O- 4	---	4- 10	12456	——-	
JUL	3U	u- 3	3- 6	6- 10	29895	4599	213292
AUG	7	U- 3	3- 6	6- 10	1278	37050	118623
AUG	18	U- 3	3- 6	6- 10	3577	3 4 750	20122
AUG	27	u- 3	3- 6	6- 10	1533	2044	15331
EEP	3	O- 3	3- 6	6- 10	9710	22230	15139
SEP	11	3	3- 6	6- 10	2044	8688	4791
SEP	16	0- 3	3- 6	6- 10	4344	4344	15714
OCT	1	O- 3	3- 6	6- 10	13287	4855	4983
OCI	28	0- 10 ,	---	---	7972	----	----
NOV	12	U- 9			28362		----
DEC	9	O- 9			73844		

POLYARTHRA VULGARIS

1970

DATE		SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	•LOWER
JAN	22	O- 9			29555		
FEE	26	O- 10			22000		
APR	9	O- 10			16251		
MAY	8	O- 10			20314		
NAY	16	O- 6			102078		
MAY	18	O- 10			59561		
NAY	19	O- 10			64544		
MAY	25	O- 10			55261		
NAY	28	O- 10	---	---	35415	----	----
JUN	2	O- 10	---	---	45533	----	----
JUN	9	O- 2	2- 4	4- 10	157578	522125	198344
'JUN	16	O- 2	2- 4	4- 10	592682	573867	262294
JUN	22	O- 2	2- 5	5- 10	228919	174564	261219
'JUN	30	O- 2	2- 5	5- 10	286933	166724	334285
JUL	7	O- 2	2- 5	5- 10	23519	159407	267491
JUL	14	O- 2	2- 5	5-.10	3136	26132	198501
JUL	21	O- 2	2- 5	5- 10	784	40244	106933
JUL	28	O- 2	2- 5	5- 10	0	32927	127630
AUG	3	O- 3	3- 5	5- 10	1045	72125	23519
AUG	11	O- 3	3- 5	5- 9	0	83101	27047
AUG	18	O- 4	4- 6	6- 10	1960	47822	8232
AUG	25	O- 3	3- 5	5- 10	1045	50958	6585
SEP	1	0- 4	4- 6	6- 10	4704	43902	5488
SEP	8	O- 4	4- 7	7- 10	3528	102439	5749
SEP	15	O- 5	5- 7	7- 10	5331	4704	2091
SEP	22	O- 4	4- 7	7- 10	0	1568	1176
SEP	29	O- 5	5- 7	7- 10	0	1568	784
	6	O- 5	5- 7	7- 10	1254	0	1045
OCT	13	0- 10	---	---	784	----	———
CCT	20	0- 10			157		
OCT	27	U- 10			314		
NOV	10	0- 10			314		
DEC	9	0- 10			2038		

VULGARIS

1971

		SAMPLING LAYER (METRES.) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC NITRE UPPER	MIDDLE	LOVER
JAN	20	O- 10			173101		
FEE	23	O- 10			90157		
MAT	31	O- 10		---	44216		- —
NAY	4	O- 10		---	219668		- —
MAY	11	O- 3		3- 10	336062		303957
MAY	16	O- 4	---	4- 10	302613	----	321689
JUN	1	O- 4	---	4- 10	198736	----	615679
JUN	8	U- 3	3- 6	6- 10	15157	486062	285365
JUN	15	O- 4	4- 7	7- 10	10192	7317	30967
JUN	22	O- 4	4- 7	7- 9	14111	81533	258710
JUN	29	O- 4	4- 7	7- 10	27439	8362	356707
JUL	6	O- 4	4- 7	7- 10	237151	1522470	586803
'JUL	13	0- 4	4- 7	7- 10	2765060	1274730	237543
*JUL	20	0- 3	3- 6	6- 10	840418	1238670	531219
*JUL	27	O- 4	4- 7	7- 10	996820	787630	624041
AUG	3	O- 4	4- 7	7- 10	1023860	603658	555052
AUG	10	O- 3	3- 7	7- 10	212717	110148	131315
AUG	17	O- 4	4- 7	7- 10	9408	50697	64286
AUG	24	O- 4	4- 7	7- 10	0	88328	39591
AUG	31	O- 4	4- 7	7- 10	784	50697	19207
SEP	7	O- 4	4⁻ 7	7- 10	0	4704	6272
SEP	14	O- 4		7- 10	0	7840	3136
SEP	21	O- 5	5- 7	7- 10	1882	5488	0
SEP	28	O- 4	4- 7	7- 10	3920	3659	1176
OCT	5	O- 6	6- 7	7- 10	38415	188153	37631
OCT	12	O- 7	---	7- 10	84893	----	78789
OCI	19	O- 7		7- 10	83325		51350
OCI	26	U- 10		---	333687		----

POLYARTHRA VULGARIS

1972

DATE		SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY	9	O- 7	---	7-.10	66526	----	13328
MAY	16	O- 3	3- 6	6- 10	53833	360627	26655
MAY	29	O- 3	3- 5	5- 10	20383	540156	712891
JUN	13	O- 3	3- 6	6- 10	12544	1246510	974006
'JUN	27	O- 3	3- 6	6- 10	1045	654355	586411
*JUL	11	O- 3	3- 5	5- 10	6272	452351	775191
'JUL	25	O- 3	3- 6	6- 10	1568	398780	133588
AUG	8	O- 3	3- 6	6- 10	0	1568	627
AUG	22	O- 3	3- 6	6- 10	523	0	1568
SEP	5	O- 4	4- 7	7- 10	10976	16202	7448
SEP	19	0- 4	4- 6	6- 10	15679	53310	119477
OCT	3	O- 6	6- 8	8- 10	10192	101916	19861
OCT	17	O- 10	---	---	5131	----	----

PCLYARTHRA VULGARIS
1973

DATE	SAMPLING LAYER (METRES.) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 2	0- 6	---		620644		_ —
MAY 15	0- 6	---	6- 10	200435		32927
MAY 28	0- 3	3- 7		146864	92117	
'JUN 11	U- 3	3- 6		66899	62718	
JUN 25	0- 4	4- 6		4704	49390	
'JUL 9	0- 3	3- 6		523	64808	
JUL 23	0- 3	3- 5		54355	25871	
AUG 6	0- 4	4- 6		61150	19599	
AUG 20	0- 3	---		341811		
SEP 3	0- 3	3- 4		952264	798083	
SEP 17	0- 5	---		109442		
OCO OCT	0- 5			15679		
OC	0- 6			89895		
OCT 29	0- 8			119947		
NOV 6	0- 10			156366		

POLYARTHRA VULGARIS
1974

DATE	SAMPLING LAYER (METRES.) UPPER	MIDDLE	LOVER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 21	0- 5	---		0	----	
JUN 4	0- 3	3- 5		12776	57143	
'JUN 18	0- 3	3- 5		17189	50871	
'JUL 2	0- 2	2- 5		0	5807	
JUL 16	0- 3	3- 5		697	24390	
JUL 3U	0- 3	3- 5		0	20557	
AUG 13	0- 3	3- 6		0	9524	
AUG 27	0- 4	4- 6		0	1045	
CEP 10	0- 4	4- 6		0	2091	
SEP 24	0- 5	5- 6		418	697	
OCO	0- 6	---		7578	----	
OCI 22	0- 10			7539		
NOV 5	0- 10			10136		

VULGARIS
PGPOYARTHRA975

DATE	SAMPLING LAYER (METRES.) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 13	0- 2			17123		
JUN 10	0- 2			339895		
JUL 10	0- 2			1099		
JLL 21	0- 2			879		
AUG 5	0- 2			7912		
AUG 19	0- 2			32308		
ELF 16	0- 2			0		
ELY 30	0- 2			6813		
OCOCT 14	0- 2			879		
CCT 25	0- 2			2857		
NOV 11	0- 2			5934		

POLYARTHRA VULGARIS
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			85495		
JUN 8	0- 2			19780		
JUL 6	0- 2			1538		
AOG	- 2			45934		
AUG 31	0- 2			635604		
SEP 28	0- 2			24396		

POLYARTHRA VULGARIS
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3'	0- 3	3- 6	6- 10	10751	0	0
MAY 31	0- 2	2- 5	5- 10	606563	0	27914
JUN 14	0- 3	3- 5	5- 10	543870	0	0
JUN 28	0- 2	2- 5	5- 10	415314	0	0
JUL 12	0- 2	2- 4	4- 9	32252	42437	0
JUL 26	0- 3	3- 6	6- 10	82837	62564	0
AUG 9	0- 3	3- 6	6- 9	119388	139192	0
AUG 23	0- 3	3- 7	7- 10	35081	34374	0
SEP 20	0- 5	5- 8	---	41418	0	----
OCT 18	0- 9	---		5470	----	
NOV 1	0- 10			4413	—-—	

POLYARTHRA VULGARIS
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER	w
MAY 9	0- 10	---	---	408	----	----	
MAY 23	0- 2	2- 4	4- 10	34685	1224	765	
JUN 16	0- 2	2- 5	5- 9	101674	30604	6503	
JUL 11	0- 3	3- 5	5- 9	459	1377	0	
AUG 1	0- 2	2- 6	6- 9	2295	437	146	
AUG 23	0- 2	2- 6	6- 9	142055	17343	3789	
SEP 12	0- 3	3- 6	6- 9	80719	55547	5392	
OCT 24	0- 9	---	---	340	----	----	

POLYARTHA [illegible]
1969

GATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	0 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 17	0- 5		5- 10	3220		5110
MAY 22	0- 4		4- 10	958		2847
MAY 27	0- 5		5- 10	10425		3220
JUN 5	0- 6		6- 10	2044		4983
JUN 11	0- 4		4- 10	0		9837
JUN 19	0- 4		4- 10	0	-	4344
JUN 25	0- 4		4- 10	383		1533
JUL 3	0- 5		5- 10	0		3986
JUL 7	0- 4		4- 10	0		9199
JUL 17	0- 5	---	5- 10	307		1533
JUL 22	0- 4	---	4- 10	0	---	3833
JUL 30	0- 3	3- 6	6- 10	0	0	13990
AUG 7	0- 3	3- 6	6- 10	0	1022	1916
AUG 18	0- 3	3- 6	6- 10	0	511	958
AUG 27	0- 3	3- 6	6- 10	0	0	958
SEP 3	0- 3	3- 6	6- 10	767	1022	575
SEP 11	0- 3	3- 6	6- 10	0	1022	383
SEP 18	0- 3	3- 6	6- 10	0	256	1725
OCT 1	0- 3	3- 6	6- 10	511	0	0
OCT 28	0- 10	---	---	0	----	---
NOV 12	0- 9	---		1448		
DEC 9	0- 9			852		

REMATA
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			341		
FEB 26	0- 10			0		
APR 9	0- 10			153		
NAY 8	0- 10			767		
NAY 16	0- 6			6388		
NAY 18	0- 10			6362		
NAY 19	0- 10			12035		
MAY 25	0- 10			7317		
NAY 28	0- 10	---		3143	----	— —
JUN 2	0- 10	---		8815	----	----
JUN 9	0- 2	2- 4	4- 10	10192	72909	31098
JUN 16	0- 2	2- 4	4- 10	784	47822	22847
JUN 22	0- 2	2- 5	5- 10	5488	4181	7840
JUN 30	0- 2	2- 5	5- 10	2352	0	14425
JUL 7	0- 2	2- 5	5- 10	1568	3136	5017
JUL 14	0- 2	2- 5	5- 10	0	0	11289
JUL 21	0- 2	2- 5	5- 10	0	0	6585
JUL 28	0- 2	2- 5	5- 10	0	3136	2822
AUO 3	0- 3	3- 5	5- 10	0	0	1882
AUC 11	0- 3	3- 5	5- 9	0	1568	392
AUG 18	0- 4	4- 6	6- 10	784	1568	392
AUG 25	0- 3	3- 5	5- 10	0	3136	941
EEP 1	0- 4	4- 6	6- 10	392	1568	392
SEP 8	0- 4	4- 7	7- 10	0	2613	0
EEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
EEP 29	0- 5	5- 7	7- 10	0	0	0
OCR 0	0- 5	5- 7	7- 10	0	0	0
GCT 13	0- 10			0	———	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
EEC 9	0- 10			0		

POLYARTHA REMATA
1971

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			5331		
FEB 23	0- 10			6585		
MAP 31	0- 10		---	9721.		- —
NAY 4	0- 10		---	4233		----
MAY 11	0- 3		3- 10	13589		4032
MAY 18	0- 4	---	4- 10	2744	----	11760
JUN 1	0- 4	---	4- 10	9408	----	11237
JUN 8	0- 3	3- 6	6- 10	1045	18293	24774
JUN 15	0- 4	4- 7	7- 10	2352	523	5096
JUN 22	0- 4	4- 7	7- 9	392	0	3136
JUN 29	0- 4	4- 7	7- 10	1568	0	2744
JUL 6	0- 4	4- 7	7- 10	16855	13589	23911
JUL 13	0- 4	4- 7	7- 10	43902	9930	6272
JUL 20	0- 3	3- 6	6- 10	50697	18293	8780
JUL 27	0- 4	4- 7	7- 10	45862	59582	26263
AUG 3	0- 4	4- 7	7- 10	89765	27700	13720
AUG 10	0- 3	3- 7	7- 10	5226	3528	12152
AUG 17	0- 4	4- 7	7- 10	784	3659	2352
AUG 24	0- 4	4- 7	7- 10	0	3659	1568
AUG 31	0- 4	4- 7	7- 10	0	2091	784
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	392	0	0
OCT 5	0- 6	6- 7	7- 10	1045	1568	784
OCT 12	0- 7	---	7- 10	2912	----	1176
OCT 19	0- 7		7- 10	1120		784
OCT 26	0- 10		---	15537		----

POLYARTHA PEMATA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
NAY 9	0- 7	---	7- 10	1792	----	1176
MAY 16	0- 3	3- 6	6- 10	1045	10976	314
MAY 29	0- 3	3- 5	5- 10	2091	7056	29007
JUN 13	0- 3	3- 6	6- 10	1045	12021	23519
JUN 27	0- 3	3- 6	6- 10	0	13589	21951
JUL 11	0- 3	3- 5	5- 10	0	6272	35436
JUL 25	0- 3	3- 6	6- 10	0	25610	4077
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	784	784	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10			0	----	-

POLYARTHRA REMATA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		3920	----	
MAY 15	0- 6	---	6- 10	6794	----	627
MAY 28	0- 3	3- 7		8885	1176	
JUN 11	0- 3	3- 6		3659	5749	
JUN 25	0- 4	4- 6		392	6272	
JUL 9	0- 3	3- 6		0	3659	
JUL 23	0- 3	3- 5		3136	1568	
AUG 6	0- 4	4- 6		3920	784	
AUG 20	0- 3	---		26655	----	
SEP 3	0- 3	3- 4		58014	67422	
SEP 17	0- 5	---		10662	----	
OCT 1	0- 5			0		
OCT 15	0- 6			4443		
OCT 29	0- 8			23323		
NOV 6	0- 10			10976		

POLYARTHRA REMATA
1974

GATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		2927	---	----
JUN 4	0- 3	3- 5		6969	35889	
JUN 18	0- 3	3- 5		697	86760	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		465	37979	
JUL 30	0- 3	3- 5		232	78397	
AUG 13	0- 3	3- 6		0	173519	
AUG 27	0- 4	4- 6		56098	231010	
SEP 10	0- 4	4- 6		13763	416376	
SEP 24	0- 5	5- 6		6690	17422	
OCT 8	0- 8	---		26220	----	
OCT 22	0- 10			15204		
NOV 5	0- 10			16471		

POLYARTHRA FEMATA
1975

DATE	SAMPLING LAYER (METRES.) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			74963		
JUN 10	0- 2			3833		
JUL 10	0- 2			879		
JUL 21	0- 2			0		
AUG 5	0- 2			1319		
AUG 19	0- 2			1978		
SEP 16	0- 2			0		
SEP 30	0- 2			15604		
OCT 14	0- 2			159780		
OCT 28	0- 2			246373		
NOV 11	0- 2			778021		

POLYARTHRA REMATA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			245714		
JUN 8	0- 2			6154		
JUL 6	0- 2			0		
AUG 3	0- 2			220		
AUG 31	0- 2			2857		
SEP 28	0- 2			4176		

POYARTHRA REMATA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWEP
MAY 3	0- 3	3- 6	6- 10	3265370	362693	0
MAY 31	0- 2	2- 5	5- 10	10185	0	0
JUN 14	0- 3	3- 5	5- 10	6790	7639	0
JUN 28	0- 2	2- 5	5- 10	10185	18915	0
JUL 12	0- 2	2- 4	4- 9	2546	1697	0
JUL 26	0- 3	3- 6	6- 10	4074	1940	0
AUG 9	0- 3	3- 6	6- 9	3395	6111	0
AUG 23	0- 3	3- 7	7- 10	5092	2546	0
SEP 20	0- 5	5- 8	---	100490	0	----
OCT 18	0- 9	---		867031	----	
NOV 1	0- 10			2406840		

POLYARTHRA REMATA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	1020	204	0
JUN 16	0- 2	2- 5	5- 9	4421	4372	1275
JUL 11	0- 3	3- 5	5- 9	0	11018	2008
AUG 1	0- 2	2- 6	6- 9	0	8015	1312
AUG 23	0- 2	2- 6	6- 9	3571	46344	1457
SEP 12	0- 3	3- 6	6- 9	46672	382861	24046
OCT 24	0- 9			27204		

TRICHOCERCA CYLINDRICA
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	1380		256
MAY 22	0- 4		4- 10	383		329
MAY 27	0- 5		5- 10	7819		767
JUN 5	0- 6		6- 10	4088		5941
JUN 11	0- 4		4- 10	13031		2044
JUN 19	0- 4		4- 10	3449		894
JUN 25	0- 4		4- 10	575		383
JUL 3	0- 5		5- 10	0		613
JUL 7	0- 4		4- 10	192		0
JUL 17	0- 5	---	5- 10	0		0
JUL 22	0- 4	---	4- 10	0		0
JUL 30	0- 3	3- 6	6- 10	0	0	0
AUG 7	0- 3	3- 6	6- 10	256	0	0
AUG 18	U- 3	3- 6	6- 10	0	0	0
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	256	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---	---	0		-___
NOV 12	0- 9			0		
DEC 9	0- 9			0		

TRICHOCERCA CYLINDRICA
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10	---	---	0'	__-_	--__
JUN 2	0- 10	---	---	0	__--	--__
JUN 9	0- 2	2- 4	4- 10	1568	0	1568
JUN 16	0- 2	2- 4	4- 10	10192	3136	672
JUN 22	0- 2	2- 5	5- 10	1568	0	0
JUN 30	0- 2	2- 5	5- 10	0	0	0
JUL 7	0- 2	2- 5	5- 10	0	0	0
JUL 14	0- 2	2- 5	5- 10	1568	0	0
JUL 21	0- 2	2- 5	5- 10	0	0	314
JUL 28	0- 2	2- 5	5- 10	0	523	0
AUG 3	0- 3	3- 5	5- 10	0	0	314
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	627	784	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10	---	---	0	----	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	U- 10			0		

TRICHOCERCA CYLINDRICA
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10		---	0		----
MAY 4	0- 10		---	0		----
MAY 11	0- 3		3- 10	0		0
MAY 18	0- 4	---	4- 10	0	----	0
JUN 1	0- 4	---	4- 10	392	----	0
JUN 8	0- 3	3- 6	6- 10	523	0	0
JUN 15	0- 4	4- 7	7- 10	1176	0	0
JUN 22	0- 4	4- 7	7- 9	0	0	0
JUN 29	0- 4	4- 7	7- 10	0	0	0
JUL 6	0- 4	4- 7	7- 10	0	0	0
JUL 13	0- 4	4- 7	7- 10	0	0	0
JUL 20	0- 3	3- 6	6- 10	0	523	627
JUL 27	0- 4	4- 7	7- 10	0	0	0
AUG 3	0- 4	4- 7	7- 10	0	523	0
AUG 10	0- 3	3- 7	7- 10	1568	0	0
AUG 17	0- 4	4- 7	7- 10	0	0	0
AUG 24	0- 4	4- 7	7- 10	0	0	0
AUG 31	0- 4	4- 7	7- 10	0	523	0
SEP 7	0- 4	4- 7	7- 10	0	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	0	0
OCT 5	0- 6	6- 7	7- 10	0	0	0
OCT 12	0- 7	---	7- 10	0	----	0
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10		---	0		----

TRICHOCERCA CYLINDRICA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	523	0
MAY 29	0- 3	3- 5	5- 10	0	0	0
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	0	0
JUL 11	0- 3	3- 5	5- 10	0	0	0
JUL 25	0- 3	3- 6	6- 10	523	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	314
SEP 5	0- 4	4- 7	7- 10	0	523	0
SEP 19	0- 4	4- 6	6- 10	0	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	0
OCT 17	0- 10	---	---	143		___-

TRICHOCERCA CYLINDRICA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0		
MAY 15	0- 6	---	6- 10	0		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	0	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		0	0	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0		
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		941		
OCT 1	0- 5			314		
OCT 15	0- 6			523		
OCT 29	0- 8			0		
NOV 6	0- 10			143		

TRICHOCERCA CYLINDRICA
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		232	348	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		232	0	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		0	0	
AUG 27	U- 4	4- 6		523	0	
SEP 10	0- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8			0	- -	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

TRICHOCERCA CYLINDRICA
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			220		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

TRICHOCERCA CYLINDRICA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			220		
JUL 6	0- 2			220		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			220		

TRICHOCERCA CYLINDRICA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	2263	0	0
JUN 14	0- 3	3- 5	5- 10	11543	0	0
JUN 28	0- 2	2- 5	5- 10	10185	2910	0
JUL 12	0- 2	2- 4	4- 9	0	849	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	
OCT 18	0- 9			0	----	
NOV 1	0- 10			0		

TRICHOCERCA CYLINDRICA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0		----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	U- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	255	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	146
OCT 24	0- 9	---	---	0		

ASPLANCHNA PRIODONATA
1969

DATE		SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY	17	0- 5		5- 10	31735		13926
MAY	22	0- 4		4- 10	6132		43255
MAY	27	0- 5		5- 10	2453		24070
JUN	5	0- 6		6- 10	12009		16289
JUN	11	0- 4		4- 10	15523		2172
JUN	19	U- 4		4- 10	383		2811
JUN	25	0- 4		4- 10	1341		1916
JUL	3	0- 5		5- 10	3220		4599
JUL	7	0- 4		4- 10	10923		4088
JuL	17	0- 5	---	5- 10	1533	----	307
JUL	22	0- 4	---	4- 10	383	----	767
JUL	30	0- 3	3- 6	6- 10	0	0	192
AUG	7	U- 3	3- 6	6- 10	511	0	2300
AUG	18	U- 3	3- 6	6- 10	0	511	575
AUG	27	0- 3	3- 6	6- 10	0	0	0
SEP	3	U- 3	3- 6	6- 10	256	511	192
SEP	11	0- 3	3- 6	6- 10	0	1278	0
SEP	18	U- 3	3- 6	6- 10	256	256	1341
OCT	1	0- 3	3- 6	6- 10	0	0	0
OCT	28	0- 10	---	---	153	----	----
NOV	12	0- 9			596		
DEC	9	0- 9			596		

ASPLANCHNA PRIODONATA
1970

DATE		SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN	22	0- 9			5451		
FEB	26	U- 10			7129		
APR	9	0- 10			5672		
MAY	8	0- 10			2990		
MAY	16	0- 6			23252		
RAY	18	U- 10			8892		
MAY	19	0- 10		---	7972		
MAY	25	0- 10		---	24181	----	
MAY	28	0- 10	---		18321	----	----
JUN	2	0-	---	---	25296	----	____
	9	0- 2	2- 4	4- 10	11760	49390	12805
JUN	16	0- 2	2- 4	4- 10	2352		10080
JUN	22	0- 2	2- 5	5- 10	0	5226	0
JUN	30	0- 2	2- 5	5- 10	784	1045	314
JUL	7	0- 2	2- 5	5- 10	0	3659	314
JUL	14	0- 2	2- 5	5- 10	0	1568	941
JUL	21	0- 2	2- 5	5- 10	0	1045	314
JUL	28	0- 2	2- 5	5- 10	0	523	0
AUG	3	0- 3	3- 5	5- 10	0	784	314
AUG	11	0- 3	3- 5	5- 9	0	0	0
AUG	18	u- 4	4- 6	6- 10	0	0	0
AUG	25	0- 3	3- 5	5- 10	0	0	0
SEP	1	0- 4	4- 6	6- 10	0	0	0
SEP	8	0- 4	4- 7	7- 10	0	0	0
SEP	15	0- 5	5- 7	7- 10	0	0	0
SEP	22	0- 4	4- 7	7- 10	392	0	0
SEP	29	0- 5	5- 7	7- 10	0	7840	1960
OCT	6	0- 5	5- 7	7- 10	59268	28223	1568
OCT	13	0- 10	---	---	10192	----	----
OCT	20	0- 10			11603		
	27	0- 10			37474		
NOV	10	0- 10			102857		
DEC	9	U- 10			4077		

ASPLANCHNA PRIODONATA
1971

DATE		SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN	20	U- 10			941		
FEB	23	0- 10			2038		
MAR	31	0- 10		---	8780		----
MAY	4	0- 10		---	53153		----
MAY	11	0- 3		3- 10	20383		39647
MAY	18	0- 4	---	4- 10	16855	----	54094
JUN	1	0- 4	---	4- 10	23127	----	61934
JUN	8	0- 3	3- 6	6- 10	1045	7840	6899
JUN	15	0- 4	4- 7	7- 10	392	2613	784
JUN	22	0- 4	4- 7	7- 9	0	0	0
JUN	29	0- 4	4- 7	7- 10	0	0	0
JUL	6	0- 4	4- 7	7- 10	0	1045	0
JUL	13	U- 4	4- 7	7- 10	392	0	0
JUL	20	0- 3	3- 6	6- 10	0	0	0
JUL	27	0- 4	4- 7	7- 10	0	0	0
AUG	3	0- 4	4- 7	7- 10	0	0	0
AUG	10	0- 3	3- 7	7- 10	0	0	0
AUG	17	0- 4	4- 7	7- 10	0	0	0
AUG	24	0- 4	4- 7	7- 10	0	0	0
AUG	31	0- 4	4- 7	7- 10	0	0	0
SEP	7	0- 4	4- 7	7- 10	0	0	0
SEP	14	0- 4	4- 7	7- 10	1176	10453	3136
SEP	21	0- 5	5- 7	7- 10	22578	52526	3920
SEP	28	U- 4	4- 7	7- 10	137979	237282	107404
OCT	5	0- 6	6- 7	7- 10	162020	186585	86629
OCT	12	0- 7	---	7- 10	118939	----	50566
OCT	19	0- 7		7- 10	1344		392
OCT	26	0- 10		. ---	1425		----

ASPLANCHNA PRIODONATA
1972

DATE		SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY	9	0- 7	---	7- 10	0	----	1176
MAY	16	0- 3	3- 6	6- 10	32404	66376	7213
MAY	29	0- 3	3- 5	5- 10	523	47038	39983
JUN	13	0- 3	3- 6	6- 10	0	0	0
JUN	27	0- 3	3- 6	6- 10	0	523	0
JUL	11	0- 3	3- 5	5- 10	0	0	314
JUL	25	0- 3	3- 6	6- 10	0	523	0
AUG	8	0- 3	3- 6	6- 10	0	0	a
AUG	22	0- 3	3- 6	6- 10	0	0	0
SEP	5	0- 4	4- 7	7- 10	1960	1568	392
SEP	19	0- 4	4- 6	6- 10	5488	8624	5645
OCT	3	0- 6	6- 8	8- 10	9146	19599	12544
OCT	17	0- 10	---	---	135698	----	----

ASPLANCHNA PRIODONATA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	U- 6	---		0		
MAY 15	O- 6	---	6- 10	523		0
MAY 28	0- 3	3- 7		0	0	
JUN 11	0- 3	3- 6		0	523	
JUN 25	0- 4	4- 6		0	784	
JUL 9	0- 3	3- 6		523	523	
JUL 23	0- 3	3- 5		19861	3136	
AUG 6	0- 4	4- 6		19207	6272	
AUG 20	0- 3	__		1568		
SEP 3	0- 3	3- 4			4704	
SEP 17	0- 5	---		22265		
OCT 1	0- 5			6899		
OCT 15	0- 6			1307		
OCT 29	0- 8			784		
NOV 6	0- 10			428		

ASPLANCHNA PRIODONATA
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	U- 5	---		0	---	
JUN 4	U- 3	3- 5		3717	0	
JUN 18	0- 3	3- 5		0	13937	
JUL 2	0- 2	2- 5		0	1394	
JUL 16	0- 3	3- 5		0	0	
JUL 30	U- 3	3- 5		0	1045	
AUG 13	U- 3	3- 6		0	0	
AUG 27	U- 4	4- 6		0	0	
SEP 10	U- 4	4- 6		0	0	
SEP 24	0- 5	5- 6		0	0	
OCT 8	0- 8	---		0	---	
OCT 22	0- 10			0		
NOV 5	0- 10			0		

ASPLANCHNA PRIODONATA
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			0		
JUN 10	0- 2			871		
JUL 10	U- 2			0		
JUL 21	0- 2			0		
AUG 5	O- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	U- 2			0		
OCT 14	U- 2			0		
OCT 28	U- 2			0		
NOV 11	U- 2			0		

ASPLANCHNA PRIODONATA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			1099		
AUG 3	0- 2			7912		
AUG 31	0- 2			18462		
SEP 28	U- 2	---		2198		

ASPLANCHNA PRIODONATA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	9053	2425	0
JUN 14	0- 3	3- 5	5- 10	1358	2546	339
JUN 28	0- 2	2- 5	5- 10	0	485	0
JUL 12	0- 2	2- 4	4- 9	0	4244	0
JUL 26	0- 3	3- 6	6- 10	1358	0	1940
AUG 9	0- 3	3- 6	6- 9	3395	0	2910
AUG 23	0- 3	3- 7	7- 10	29423	0	0
SEP 20	0- 5	5- 8	---	33270	0	----
OCT 18	0- 9	---	---	0		
NOV 1	0- 10			0		

ASPLANCHNA PRIODONATA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	18703	1836	0
JUN 16	0- 2	2- 5	5- 9	103034	111779	26141
JUL 11	0- 3	3- 5	5- 9	0	21117	1721
AUG 1	0- 2	2- 6	6- 9	0	0	0
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	0	0	0
OCT 24	0- 9	---	---	0	----	___-

KERATELLA TAUROCEPHALA
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	460		256
MAY 22	0- 4		4- 10	5749		657
MAY 27	0- 5		5- 10	10118		1533
JUN 5	0- 6		6- 10	20314		1916
JUN 11	0- 4		4- 10	26063		5877
JUN 19	0- 4		4- 10	16481		2172
JUN 25	0- 4		4- 10	21080		4344
JUL 3	0- 5		5- 10	24070		11958
JUL 7	0- 4	---	4- 10	0		0
JUL 17	0- 5	---	5- 10	0		0
JUL 22	0- 4	---	4- 10	0		0
JUL 30	0- 3	3- 6	6- 10	0	0	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	0	0	0
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---	---	0		
NOV 12	0- 9			0		
DEC 9	0- 9			0		

KERATELLA TAUROCEPHALA
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10	---		0		
MAY 28	0- 10	---	---	0	----	----
JUN 2	0- 10	---	---	0	----	----
JUN 9	0- 2	2- 4	4- 10	3136	0	0
JUN 16	0- 2	2- 4	4- 10	0	0	0
JUN 22	0- 2	2- 5	5- 10	0	0	0
JUN 30	0- 2	2- 5	5- 10	0	0	0
JUL 7	0- 2	2- 5	5- 10	0	0	0
JUL 14	0- 2	2- 5	5- 10	0	0	0
JUL 21	0- 2	2- 5	5- 10	0	0	0
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0	_-__	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

KERATELLA TAUROCEPHALA
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER. CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10		---	0		---
MAY 4	0- 10		- -	0		---
MAY 11	0- 3		3- 10	0		0
MAY 18	0- 4		4- 10	0	----	0
JUN 1	0- 4		4- 10	0	----	0
JUN 8	0- 3	3- 6	6- 10	0	0	0
JUN 15	0- 4	4- 7	7- 10	0	0	0
JUN 22	0- 4	4- 7	7- 9	46646	15679	6272
JUN 29	0- 4	4- 7	7- 10	0	0	0
JUL 6	0- 4	4- 7	7- 10	0	0	0
JUL 13	0- 4	4- 7	7- 10	784	0	0
JUL 20	0- 3	3- 6	6- 10	4181	523	627
JUL 27	0- 4	4- 7	7- 10	1960	523	1176
AUG 3	0- 4	4- 7	7- 10	0	523	784
AUG 10	0- 3	3- 7	7- 10	3659	784	0
AUG 17	0- 4	4- 7	7- 10	784	0	0
AUG 24	0- 4	4- 7	7- 10	784	523	392
AUG 31	0- 4	4- 7	7- 10	784	523	0
SEP 7	0- 4	4- 7	7- 10	392	0	784
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	784	523	784
OCT 5	0- 6	6- 7	7- 10	1045	3136	392
OCT 12	0- 7		7- 10	3584	----	7056
OCT 19	0- 7		7- 10	1344		392
OCT 26	0- 10			14 25		____

KERATELLA TAUROCEPHALA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	0	0	0
MAY 29	0- 3	3- 5	5- 10	0	0	261
JUN 13	0- 3	3- 6	6- 10	1045	523	0
JUN 27	0- 3	3- 6	6- 10	1045	0	0
JUL 11	0- 3	3- 5	5- 10	523	784	627
JUL 25	0- 3	3- 6	6- 10	4704	3659	627
AUG 8	0- 3	3- 6	6- 10	0	523	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	6272	3136	2195
OCT 3	0- 6	6- 8	8- 10	0	7840	0
OCT 17	0- 10		---	0	____-	____

KERATELLA TAUROCEPHALA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0	----	
MAY 15	0- 6	---	6- 10	0	----	0
MAY 28	0- 3	3- 7		523	0	
JUN 11	0- 3	3-. 6		523	1568	
JUN 25	0- 4	4- 6		0	0	
JUL 9	0- 3	3- 6		1045	523	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		392	0	
AUG 20	0- 3	---		1045	----	
SEP 3	0- 3	3- 4	---	0	0	
SEP 17	0- 5	---		0	____	
OCT 1	0- 5			941		
OCT 15	0- 6			0		
OCT 29	0- 8			196		
NOV 6	0- 10			143		

KERATELLA TAUROCEPHALA
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5			0	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		2091	0	
JUL 2	0- 2	2- 5		348	232	
JUL 16	0- 3	3- 5		232	348	
JUL 30	0- 3	3- 5		0	0	
AUG 13	0- 3	3- 6		465	465	
AUG 27	0- 4	4- 6		348	348	
SEP 10	U- 4	4- 6		2787	697	
SEP 24	0- 5	5- 6		557	2091	
OCT 8	0- 8			174	----	
OCT 22	0- 10			190		
NOV 5	0- 10			190		

KERATELLA TAUROCEPHALA
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			100		
JUN 10	0- 2			784		
JUL 10	0- 2			220		
JUL 21	0- 2			440		
AUG 5	0- 2			659		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	U- 2			220		
OCT 14	0- 2			220		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

KERATELLA TAUROCEPHALA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			659		
JUL 6	0- 2			0		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			1538		

KERATELLA TAUROCEPHALA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	0	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	0
JUL 12	0- 2	2- 4	4- 9	2546	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	1358	1940
AUG 23	0- 3	3- 7	7- 10	1132	424	4074
SEP 20	0- 5	5- 8	---	0	0	____
OCT 18	0- 9	---		189	____	
NOV 1	0- 10			0		

KERATELLA TAUROCEPHALA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0		----
MAY 23	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 5	5- 9	0	0	0
JUL 11	0- 3	3- 5	5- 9	1836	0	0
AUG 1	0- 2	2- 6	6- 9	765	0	146
AUG 23	0- 2	2- 6	6- 9	0	0	0
SEP 12	0- 3	3- 6	6- 9	2295	0	0
OCT 24	0- 9	---	---	453		----

KERATELLA COCHLEAFIS
1969

GATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
RAY 17	0— 5		5— 10	34648		29257
RAY 22	0— 4		4— 10	146794		36794
NAY 27	0— 5		5— 10	310299		126327
JUN 5	0— 6		6— 10	243379		178989
JUN 11	0— 4	---	4— 10	3258		305214
JUN 19	0— 4		47 .10..	3258		291418
JUN 25	0— 4	St==	6:L 20	12436:-	"i·	107572
JUL 3	0— 5		5— 10	23303		331763
JUL 7	0— 4		4— 10	3641		381486
JUL 17	0— 5	---	5— 10	24683	----	152390
JUL 22	0— 4	---	4— 10	767	----	268548
JUL 30	0— 3	3— 6	6— 10	256	65412	93136
AUG 7	0— 3	3— 6	6— 10	0	32451	74547
AUG 18	0— 3	3— 6	6— 10	1022	49315	9582
AUG 27	0— 3	3— 6	6— 10	2555	2555	1916
SEP 3	0— 3	3— 6	6— 10	2555	6643	6324
SLP 11	0— 3	3— 6	6— 10	1278	9199	2108
SEP 18	0— 3	3— 6	6— 10	3322	5366	7474
OCT 1	0— 3	3— 6	6— 10	13031	9199	3066
OCT 28	0— 10	---	---	82174	----	----
NOV 12	0— 9			181672	----	
DEC 9	0— 9			719535		

KERATELLA COCHLEARIS
1970

EASE	SAMPLING LAYER (METRES) UPPER		LOWER	8 INDIVIDUALS PEP CUBIC METRE' UPPER	RIDDLE	LOWER
JAN 22	0— 9			203391		
PEE 26	0— 10			81178		
PPE 9	0— 10			9045		
MAY b	0— 10			9812		
MAY 16	0— 6			7793		
RAY 18	0— 10			5059		
NAY 19	0— 10			12495		
NAY 25	0— 10			19233		
MAY 28	0— 10	---		19010	----	----
'JUN 2	0— 10	---		65847	----	----
'JUN 9	0— 2	2— 4	4— 10	399825	816898	272038
'JUN 16	0— 2	2— 4	4— 10	192857	1208100	403857
JUN 22	0— 2	2— 5	5— 10	383362	964285	295714
JUN 30	0— 2	2— 5	5— 10	1683180	452090	229233
JUL 7	0— 2	2— 5	5— 10	460191	1288320	816585
JUL 14	0— 2	2— 5	5— 10	28223	91463	202891
JUL 21	U— 2	2— 5	5— 10	18031	49129	48920
JUL 28	0— 2	2— 5	5— 10	18031	24042	24146
3	0— 3	3— 5	5— 10	9408	14895	33240
AUG 11	0— 3	3— 5	5— 9	19338	16463	8624
AUG 18	0— 4	4— 6	6— 10	37239	26655	9016
AUG 25	0— 3	3— 5	5— 10	194425	70557	13484
SEP 1	0— 4	4— 6	6— 10	586019	156010	85453
SLP 8	0— 4	4— 7	7— 10	1221420	137456	97735
ELF 15	0— 5	5— 7	7— 10	2433440	488414	876480
SEP 22	0— 4	4— 7	7— 10	2671770	1446680	276742
SEP 29	0— 5	5— 7	7— 10	3646410	3547470	1027390
OCT 6	0— 5	5— 7	7— 10	7399440	4263240	873867
GCT 13	0— 10			164477	----	----
OCT 20	0— 10			259024		
OCT 27	0— 10			116498		
NOV 10	0— 10			297439		
DLC 9	0— 10			164790		

KERATELLA COCHLEARIS
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0— 10			370975		
FEB 23	0— 10			19286		
MAR 31	0— 10		---	5645		----
MAY 4	0— 10		---	6899		----
MAY -,-,4.1	..- 0— 3		3— 10	409233		45022
MAY 18	0— 4	---	4— 10	833754	----	416550
JUN 1	0— 4	---	4— 10	822778	----	782926
JUN 8	0— 3	3— 6	6— 10	125958	566027	256829
JUN 15	0— 4	4— 7	7— 10	159538	597386	243423
JUN 22	0— 4	4— 7	7— 9	52526	41289	24303
JUN 29	0— 4	4— 7	7— 10	13720	54878	25087
JUL 6	0— 4	4— 7	7— 10	377482	211672	98389
JUL 13	0— 4	4— 7	7— 10	761236	151045	76437
JUL 20	0— 3	3— 6	6— 10	5259930	2215500	759512
JUL 27	0— 4	4— 7	7— 10	5592070	5891280	1471510
AUG 3	0— 4	4— 7	7— 10	3792070	2424560	795731
AUG 10	0— 3	3— 7	7— 10	1513580	636585	879224
AUG 17	0— 4	4— 7	7— 10	2257830	343379	172865
AUG 24	0— 4	4— 7	7— 10	107012	188675	298693
AUG 31	0— 4	4— 7	7— 10	9408	10976	11368
SEP 7	0— 4	4— 7	7— 10	21951	7317	9016
SEP 14	0— 4	4— 7	7— 10	9016	3136	1960
SEP 21	0— 5	5— 7	7— 10	8780	6272	784
SEP 28	0— 4	4— 7	7— 10	17639	4704	3528
OCT 5	0— 6	6— 7	7— 10	24564	40767	8624
OCT 12	0— 7	---	7— 10	34495	----	12544
OCT 19	0— 7		7— 10	32031		25871
OCT 26	0— 10			50887		

KERATELLA COCHLEARIS
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0— 7	---	7— 10	87581	----	16463
MAY 16	0— 3	3— 6	6— 10	347038	92509	22578
MAY 29	0— 3	3— 5	5— 10	1588320	1767070	331358
JUN 13	0— 3	3— 6	6— 10	2246340	989895	1005050
JUN 27	0— 3	3— 6	6— 10	3088320	857665	542508
JUL 11	0— 3	3— 5	5— 10	3940240	2384050	654773
JUL 25	0— 3	3— 6	6— 10	1832400	959581	1067450
AUG 8	0— 3	3— 6	6— 10	377874	320383	69617
AUG 22	0— 3	3— 6	6— 10	30314	31359	8467
SEP 5	0— 4	4— 7	7— 10	100348	124390	28615
SEP 19	0— 4	4— 6	6— 10	1065410	2510270	431811
OCT 3	0— 6	6— 8	8— 10	1399910	567595	337630
OCT 17	0— 10	---		472521	----	----

KERATELLA COCHLEARIS
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0— 6	---		148954		
MAY 15	0— 6	---	6— 10	99303	----	14111
MAY 28	0— 3	3— 7		512717	79181	
JUN 11	0— 3	3— 6		1414280	1137280	
JUN 25	0— 4	4— 6		1511100	446864	
JUL 9	0— 3	3— 6		506968	329268	
JUL 23	0— 3	3— 5		1184320	320644	
AUG 6	0— 4	4— 6		1046210	466463	
AUG 20	0— 3	---		523	----	
SEP 3	0— 3	3— 4		5749	3136	
SEP 17	0— 5	---		6585	----	
OCT 1	0— 5			0		
OCT 15	0— 6			523		
OCT 29	0— 8			1176		
NOV 6	0— 10			12258		

KERATELLA COCHLEARIS
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0— 5	---		0	----	
JUN 4	0— 3	3— 5		1858	1394	
JUN 18	0— 3	3— 5		3949	2091	
JUL 2	0— 2	2— 5		1742	1858	
JUL 16	0— 3	3— 5		14402	4878	
JUL 30	0— 3	3— 5		3252	4530	
AUG 13	0— 3	3— 6		3717	697	
AUG 27	0— 4	4— 6		9408	4878	
SEP 10	0— 4	4— 6		1568	1394	
SEP 24	0— 5	5— 6		4739	20209	
OCT 8	0— 8	---		697	----	
OCT 22	0— 10			3358		
NOV 5	0— 10			2851		

KERATELLA COCHLEARIS
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0— 2			6272		
JUN 10	0— 2			1655		
JUL 10	0— 2			0		
JUL 21	0— 2			220		
AUG 5	0— 2			220		
AUG 19	0— 2			20220		
SEP 16	0— 2			1914060		
SEP 30	0— 2			1417800		
OCT 14	0— 2			171868		
OCT 2d	0— 2			27033		
NOV 11	0— 2			29231		

KERATELLA COCHLEARIS
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0— 2			672527		
JUN 8	0— 2			91209		
JUL 6	0— 2			146153		
AUG 3	0— 2			421538		
AUG 31	0— 2			371648		
SEP 28	0— 2			249890		

KERATELLA COCHLEARIS
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0— 3	3— 6	6— 10	39042	3961	0
MAY 31	0— 2	2— 5	5— 10	9150500	0	592606
JUN 14	0— 3	3— 5	5— 10	2451820	2081950	0
JUN 28	0— 2	2— 5	5— 10	1261780	1248850	0
JUL 12	0— 2	2— 4	4— 9	206242	451527	65862
JUL 26	0— 3	3— 6	6— 10	339494	403998 '	0
AUG 9	0— 3	3— 6	6— 9	861750	65862	0
AUG 23	0— 3	3— 7	7— 10	4253860	0	120860
SEP 20	0— 5	5— 8	---	1104710	0	----
OCT 18	0— 9	---		107129	----	
NOV 1	0— 10			103545		

KERATELLA COCHLEARIS
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0— 10	---	---	867	———	----
MAY 23	0— 2	2— 4	4— 10	195528	23259	6121
JUN 16	0— 2	2— 5	5— 9	221712	372645	235526
JUL 11	0— 3	3— 5	5— 9	2295	156541	25536
AUG 1	0— 2	2— 6	6— 9	1530	117171	7287
AUG 23	0— 2	2— 6	6— 9	408824	205049	18071
SEP 12	0— 3	3— 6	6— 9	279265	218056	50279
OCT 24	0— 9	---	---	5441	----	----

KERATELLA QUADRATA
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	f INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	U- 5		5- 10	11038		11370
MAY 22	0- 4		4- 10	575		20149
MAY 27	0- 5		5- 10	0		8432
JUN 5	0- 6		6- 10	2172		19547
JUN 11	U- 4		4- 10	0		13542
JUN 19	0- 4		4- 10	0		3322
JUN 25	0- 4		4- 10	383		1278
JUL 3	0- 5		5- 10	0		9505
JUL 7	0- 4		4- 10	21463		2300
JUL 17	0- 5	---	5- 10	153		11038
JUL 22	U- 4	---	4- 10	0	----	0
JUL 30	0- 3	3- 6	6- 10	0	256	4024
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	U- 3	3- 6	6- 10	0	0	383
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	511	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---	---	77	----	----
NOV 12	0- 9			256		
DEC 9	0- 9			8347		

KERATELLA QUADRATA
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			11328		
FEB 26	0- 10			72592		
APR 9	0- 10			64927		
MAY 8	0- 10			68300		
MAY 16	0- 6			102590		
MAY 18	0- 10			99038		
MAY 19	0- 10			52049		
MAY 25	0- 10			33519		
MAY 28	U- 10	---	---	60098	----	----
JUN 2	0- 10	---	---	127783	----	----
JUN 9	0- 2	2- 4	4- 10	0	252439	286672
JUN 16	0- 2	2- 4	4- 10	3136	178745	366898
JUN 22	U- 2	2- 5	5- 10	3136	183972	273135
JUN 30	U- 2	2- 5	5- 10	0	56446	270313
JUL 7	0- 2	2- 5	5- 10	0	18815	215749
JUL 14	0- 2	2- 5	5- 10	1568	56446	222020
JUL 21	U- 2	2- 5	5- 10	0	42857	168397
JUL 28	0- 2	2- 5	5- 10	0	50697	228919
AUG 3	0- 3	3- 5	5- 10	0	28223	42021
AUG 11	0- 3	3- 5	5- 9	0	7840	10976
AUG 18	0- 4	4- 6	6- 10	392	2352	784
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	2091	392
SEP 29	0- 5	5- 7	7- 10	0	4704	0
OCT 6	0- 5	5- 7	7- 10	314	3136	1568
OCT 13	0- 10	---	---	1411		
OCT 20	U- 10			2509		
OCT 27	0- 10			1098		
NOV 10	0- 10			627		
DEC 9	0- 10			35906		

KERATELLA QUADRATA
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			37160		
FEB 23	0- 10			4704		
MAR 31	0- 10		---	157		----
JAY 4	0- 10		---	2622		----
MAY 11	0- 3		3- 10	523		224
MAY 18	0- 4	---	4- 10	784	----	784
JUN 1	0- 4	---	4- 10	0	----	19599
JUN 8	0- 3	3- 6	6- 10	0	0	0
JUN 15	0- 4	4- 7	7- 10	0	0	784
JUN 22	0- 4	4- 7	7- 9	0	0	784
JUN 29	0- 4	4- 7	7- 10	0	0	2744
JUL 6	0- 4	4- 7	7- 10	0	0	392
JUL 13	0- 4	4- 7	7- 10	0	523	0
JUL 20	0- 3	3- 6	6- 10	0	0	0
JUL 27	0- 4	4- 7	7- 10	0	0	0
AUG 3	0- 4	4- 7	7- 10	0	0	0
AUG 10	0- 3	3- 7	7- 10	0	0	0
AUG 17	0- 4	4- 7	7- 10	0	0	0
AUG 24	0- 4	4- 7	7- 10	784	0	0
AUG 31	0- 4	4- 7	7- 10	0	523	0
SEP 7	0- 4	4- 7	7- 10	392	0	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	0- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	1568	1568-
OCT 5	0- 6	6- 7	7- 10	0	1568	0
OCT 12	0- 7	---	7- 10	448	----	5880
OCT 19	0- 7		7- 10	672		4312
OCT 26	0- 10		---	5844		----

KERATELLA QUADRATA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	224	---	392
MAY 16	0- 3	3- 6	6- 10	0	523	0
MAY 29	0- 3	3- 5	5- 10	0	0	523
JUN 13	0- 3	3- 6	6- 10	0	0	0
JUN 27	0- 3	3- 6	6- 10	0	523	314
JUL 11	0- 3	3- 5	5- 10	0	0	2822
JUL 25	0- 3	3- 6	6- 10	0	1568	314
AUG 8	0- 3	3- 6	6- 10	1568	0	0
AUG 22	0- 3	3- 6	6- 10	0	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	0
SEP 19	0- 4	4- 6	6- 10	U	0	0
OCT 3	0- 6	6- 8	8- 10	0	0	523
OCT 17	0- 10	---	---	143	____	----

KERATELLA QUADRATA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		49129	----	----
MAY 15	0- 6	---	6- 10	77613	----	17247
MAY 28	0- 3	3- 7		19861	123083	----
JUN 11	0- 3	3- 6		1045	50174	
JUN 25	0- 4	4- 6		0	62718	
JUL 9	0- 3	3- 6		523	0	
JUL 23	0- 3	3- 5		41289	60366	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0	----	
SEP 3	0- 3	3- 4		0	0	
SEP 17	0- 5	---		0	----	
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			570		

KERATELLA QUADRATA
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		139	----	
JUN 4	0- 3	3- 5		0	697	
JUN 18	0- 3	3- 5		0	348	
JUL 2	0- 2	2- 5		0	232	
JUL 16	0- 3	3- 5		0	33101	
JUL 30	0- 3	3- 5		0	14286	
AUG 13	0- 3	3- 6		0	342857	
AUG 27	0- 4	4- 6		174	49826	
SEP 10	0- 4	4- 6		0	42160	
SEP 24	0- 5	5- 6		0	697	
OCT 8	0- 8	---		436	----	
OCT 22	0- 10			1584		
NOV 5	0- 10			2471		

KERATELLA QUADRATA
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			15630		
JUN 10	0- 2			0		
JUL 10	0- 2			220		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			0		
SEP 30	0- 2			0		
OCT 14	0- 2			0		
OCT 28	0- 2			0		
NOV 11	0- 2			0		

KERATELLA QUADRATA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			220		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			220		

KERATELLA QUADRATA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	731610	2276310	0
MAY 31	0- 2	2- 5	5- 10	1152010	0	67144
JUN 14	0- 3	3- 5	5- 10	18333	140890	9506
JUN 28	0- 2	2- 5	5- 10	5658	0	0
JUL 12	0- 2	2- 4	4- 9	0	0	0
JUL 26	0- 3	3- 6	6- 10	0	0	0
AUG 9	0- 3	3- 6	6- 9	0	0	0
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	0- 5	5- 8	---	0	0	----
OCT 18	0- 9	---		0	----	
NOV 1	0- 10			849		

KERATELLA QUADRATA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	153	----	----
MAY 23	0- 2	2- 4	4- 10	3400	612	255
JUN 16	0- 2	2- 5	5- 9	8161	291	0
JUL 11	0- 3	3- 5	5- 9	459	2754	0
AUG 1	0- 2	2- 6	6- 9	0	9490	874
AUG 23	0- 2	2- 6	6- 9	1275	117025	1603.
SEP 12	0- 3	3- 6	6- 9	1913	36725	1457
OCT 24	0- 9	---	---	510	----	----

KELLICOTTIA LONGISPINA
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5	---	5- 10	14718		8815
MAY 22	0- 4		4- 10	16672		14017
MAY 27	0- 5		5- 10	31275		25603
JUN 5	0- 6		6- 10	41777		32387
JUN 11	0- 4		4- 10	49826		55319
JUN 19	0- 4		4- 10	55958		22102
JUN 25	0- 4		4- 10	55575		16481
JUL 3	0- 5		5- 10	0		35261
JUL 7	0- 4		4- 10	92561		108850
JUL 17	0- 5	---	5- 10	248668	----	191024
JUL 22	U- 4	---	4- 10	40244	----	156120
JUL 30	0- 3	3- 6	6- 10	2300	30407	47909
AUG 7	0- 3	3- 6	6- 10	511	5877	20505
AUG 18	0- 3	3- 6	6- 10	767	8688	2683
AUG 27	0- 3	3- 6	6- 10	256	767	575
SEP 3	0- 3	3- 6	6- 10	767	3066	2300
SEP 11	0- 3	3- 6	6- 10	767	2811	958
SEP 18	0- 3	3- 6	6- 10	256	1533	3258
OCT 1	U- 3	3- 6	6- 10	511	2811	2300
OCT 28	0- 10	---	---	12571	----	___
NOV 12	0- 9			43523		
DEC 9	0- 9			121455		

KELLICOTTIA LONGISPINA
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			78614		
FEB 26	0- 10			27366		
APR 9	0- 10			3066		
MAY 8	0- 10			5289		
Y 16	0- 6			10476		
NAY 18	0- 10			5059		
MAY 19	0- 10			5059		
MAY 25	0- 10			6132		
MAY 28	0- 10	---	---	9659	----	----
JUN 2	0- 10	---	---	22843	----	----
JUN 9	0- 2	2- 4	4- 10	296341	214024	83362
JUN 16	0- 2	2- 4	4- 10	530749	432752	57118
JUN 22	0- 2	2- 5	5- 10	163850	322473	60523
JUN 30	0- 2	2- 5	5- 10	108972	222648	95645
JUL 7	0- 2	2- 5	5- 10	9408	179790	66794
JUL 14	0- 2	2- 5	5- 10	3920	28746	94704
JUL 21	0- 2	2- 5	5- 10	2352	32404	37631
JUL 28	0- 2	2- 5	5- 10	2352	30314	46725
AUG 3	0- 3	3- 5	5- 10	8885	12544	6272
AUG 11	0- 3	3- 5	5- 9	3136	19599	5488
AUG 18	0- 4	4- 6	6- 10	1960	10192	3528
AUG 25	0- 3	3- 5	5- 10	1568	18031	3136
SEP 1	0- 4	4- 6	6- 10	1176	14895	1960
SEP 8	0- 4	4- 7	7- 10	0	36063	5226
SEP 15	0- 5	5- 7	7- 10	20383	16463	8885
SEP 22	U- 4	4- 7	7- 10	0	153135	19599
SEP 29	U- 5	5- 7	7- 10	4704	223432	26263
OCT 6	0- 5	5- 7	7- 10	9721	238327	44948
OCT 13	U- 10	---	---	23676	----	----
OCT 20	0- 10			22422		
OCT 27	0- 10			17718		
NOV 10	U- 10			51742		
LEG 9	0- 10			29477		

KELL1COTTIA LONGISPINA
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			466620		
FEB 23	0- 10			79652		
MAR 31	0- 10		---	12230		----
MAY 4	0- 10		---	5645		----
MAY 11	0- 3		3- 10	19861		4928
MAY 18	0- 4	---	4- 10	10976	----	7840
JUN 1	0- 4	---	4- 10	35671	----	71080
JUN 8	0- 3	3- 6	6- 10	9930	157317	33554
JUN 15	0- 4	4- 7	7- 10	2744	3659	392
JUN 22	0- 4	4- 7	7- 9	2744	1568	0
JUN 29	0- 4	4- 7	7- 10	392	1568	392
JUL 6	0- 4	4- 7	7- 10	1568	523	392
JUL 13	0- 4	4- 7	7- 10	0	0	0
JUL 20	0- 3	3- 6	6- 10	1568	523	2195
JUL 27	0- 4	4- 7	7- 10	392	1568	0
AUG 3	0- 4	4- 7	7- 10	784	523	1176
AUG 10	0- 3	3- 7	7- 10	0	0	392
AUG 17	0- 4	4- 7	7- 10	0	0	0
AUG 24	0- 4	4- 7	7- 10	0	0	0
AUG 31	0- 4	4- 7	7- 10	1176	523	0
SEP 7	0- 4	4- 7	7- 10	0	523	0
SEP 14	0- 4	4- 7	7- 10	0	0	0
SEP 21	U- 5	5- 7	7- 10	0	0	0
SEP 28	0- 4	4- 7	7- 10	0	523	0
OCT 5	0- 6	6- 7	7- 10	784	1568	784
OCT 12	0- 7	---	7- 10	896	----	392
OCT 19	0- 7		7- 10	0		0
OCT 26	0- 10		---	0		----

KELLICOTTIA LONGISPINA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	392
MAY 16	0- 3	3- 6	6- 10	0	0	314
MAY 29	0- 3	3- 5	5- 10	0	0	0
JUN 13	0- 3	3- 6	6- 10	1568	0	0
JUN 27	0- 3	3- 6	6- 10	523	1568	314
JUL 11	0- 3	3- 5	5- 10	1568	0	314
JUL 25	0- 3	3- 6	6- 10	0	0	0
AUG 8	0- 3	3- 6	6- 10	0	0	0
AUG 22	0- 3	3- 6	6- 10	523	0	0
SEP 5	0- 4	4- 7	7- 10	0	0	392
SEP 19	0- 4	4- 6	6- 10	392	2352	0
OCT 3	0- 6	6- 8	8- 10	0	784	0
OCT 17	0- 10	---	---	0	----	---

KELLICOTTIA LONGISPINA
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 2	0- 6	---		0	----	---
MAY 15	0- 6	---	6- 10	2091	----	627
MAY 28	0- 3	3- 7		1045	0	----
JUN 11	0- 3	3- 6		3659	523	
JUN 25	0- 4	4- 6		392	784	
JUL 9	0- 3	3- 6		1045	523	
JUL 23	0- 3	3- 5		0	0	
AUG 6	0- 4	4- 6		0	0	
AUG 20	0- 3	---		0	____	
SEP 3	U- 3	3- 4		0	1568	
SEP 17	U- 5	---		0	----	
OCT 1	0- 5			0		
OCT 15	0- 6			261		
OCT 29	0- 8			0		
NOV 6	0- 10			4561		

KELLICOTTIA LONGISPINA
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 21	0- 5	---		139	----	
JUN 4	0- 3	3- 5		0	0	
JUN 18	0- 3	3- 5		2555	0	
JUL 2	U- 2	2- 5		348	1161	
JUL 16	0- 3	3- 5		1161	0	
JUL 30	0- 3	3- 5		0	348	
AUG 13	0- 3	3- 6		0	0	
AUG 27	0- 4	4- 6		2439	697	
SEP 10	0- 4	4- 6		1045	0	
SEP 24	0- 5	5- 6		139	697	
OCT 8	0- 8	---		0	----	
OCT 22	0- 10			317		
NOV 5	U- 10			190		

KELLICOTTIA LONGISPINA
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			3086		
JUN 10	0- 2			610		
JUL 10	0- 2			220		
JUL 21	U- 2			220		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			220		
SEP 30	U- 2			0		
OCT 14	0- 2			1319		
OCT 28	0- 2			220		
NOV 11	0- 2			0		

KELLICOTTIA LONGISPINA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			0		
JUN 8	0- 2			0		
JUL 6	0- 2			2198		
AUG 3	0- 2			2637		
AUG 31	0- 2			0		
SEP 28	0- 2			659		

KELLICOTTIA LONGISPINA
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	67899	0	9053
JUN 14	0- 3	3- 5	5- 10	3395	849	0
JUN 28	0- 2	2- 5	5- 10	10185	0	0
JUL 12	0- 2	2- 4	4- 9	29706	0	2037
JUL 26	0- 3	3- 6	6- 10	0	485	0
AUG 9	0- 3	3- 6	6- 9	2829	0	485
AUG 23	0- 3	3- 7	7- 10	1132	424	1358
SEP 20	0- 5	5- 8	--	2037	0	
OCT 18	0- 9	---		377	____	
NOV 1	0- 10			679		

KELLICOTTIA LONGISPINA
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	--	1836	-- --	----
MAY 23	0- 2	2- 4	4- 10	0	408	85
JUN 16	0- 2	2- 5	5- 9	25844	729	1275
JUL 11	0- 3	3- 5	5- 9	2754	0	1148
AUG 1	0- 2	2- 6	6- 9	4591	874	1020
AUG 23	0- 2	2- 6	6- 9	510	0	146
SEP 12	0- 3	3- 6	6- 9	37490	1836	874
OCT 24	0- 9	---	---	2040	____	----

KELLICOTTIA BOSTONIENSIS
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
MAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	0		0
JUN 5	U- 6		6- 10	0		0
JUN 11	U- 4		4- 10	0		0
JUN 19	0- 4		4- 10	0		0
JUN 25	0- 4		4- 10	0		0
JUL 3	0- 5"		5- 10	0		0
JUL 7	0- 4	---	4- 10	0		0
JUL 17	0- 5	---	5- 10	0		0
JUL 22	U- 4	---	4- 10	0		0
JUL 30	U- 3	3- 6	6- 10	0	0	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	0	0	0
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
OCT 28	0- 10	---		0		----
NOV 12	0- 9			0		
DEC 9	U- 9			0		

KELLICOTTIA BOSTONIENSIS
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
FEB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
MAY 16	0- 6			0		
MAY 18	0- 10			0		
MAY 19	0- 10			0		
MAY 25	0- 10			0		
MAY 28	0- 10		---	0	---	____
JUN 2	0- 10		---	0	----	----
JUN 9	0- 2	2- 4	4- 10	0	0	0
JUN 16	U- 2	2- 4	4- 10	0	0	0
JUN 22	0- 2	2- 5	5- 10	0	0	0
JUN 30	0- 2	2- 5	5- 10	0	0	0
JUL 7	0- 2	2- 5	5- 10	0	0	0
JUL 14	0- 2	2- 5	5- 10	0	0	0
JUL 21	0- 2	2- 5	5- 10	0	0	0
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	U- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	U- 4	4- 7	7- 10	0	0	0
SEP 29	U- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0	____	----
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

KELLICOTTIA BOSTONIENSIS
1971

LATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 20	0- 10			0		
FEB 23	0- 10			0		
MAR 31	0- 10			0		----
MAY 4	0- 10			0		----
MAY 11	0- 3		3- 10	0		0
MAY 18	U- 4		4- 10	0	----	0
JUN 1	0- 4		4- 10	0	----	0
JUN 8	0- 3	3- 6	6- 10	0	0	0
JUN 15	0- 4	4- 7	7- 10	4312	144773	60366
JUN 22	0- 4	4- 7	7- 9	0	16202	38415
JUN 29	0- 4	4- 7	7- 10	0	13066	336324
JUL 6	0- 4	4- 7	7- 10	1568	400871	225391
JUL 13	0- 4	4- 7	7- 10	4312	444773	83493
JUL 20	0- 3	3- 6	6- 10	1045	14634	81533
JUL 27	0- 4	4- 7	7- 10	392	13531	88981
AUG 3	0- 4	4- 7	7- 10	392	49652	104660
AUG 10	0- 3	3- 7	7- 10	2091	19991	58014
AUG 17	0- 4	4- 7	7- 10	392	232	3267
AUG 24	0- 4	4- 7	7- 10	0	28223	21167
AUG 31	0- 4	4- 7	7- 10	0	4530	8232
SEP 7	U- 4	4- 7	7- 10	0	13589	16463
SEP 14	0- 4	4- 7	7- 10	392	17247	7840
SEP 21	0- 5	5- 7	7- 10	627	4268	1002
SEP 28	0- 4	4- 7	7- 10	0	3310	2787
OCT 5	0- 6	6- 7	7- 10	11237	6620	4878
OCT 12	0- 7		7- 10	23519	----	3876
OCT 19	0- 7		7- 10	9632		16463
OCT 26	0- 10			24374		----

KELLICOTTIA BOSTONIENSIS
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	4 INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7		7- 10	3360	----	2352
MAY 16	0- 3	3- 6	6- 10	2091	3659	941
MAY 29	0- 3	3- 5	5- 10	0	19599	10714
JUN 13	0- 3	3- 6	6- 10	0	28223	45157.
JUN 27	0- 3	3- 6	6- 10	1045	31359	26655
JUL 11	0- 3	3- 5	5- 10	0	18031	0
JUL 25	0- 3	3- 6	6- 10	1568	21429	7840
AUG 8	0- 3	3- 6	6- 10	523	0	0
AUG 22	0- 3	3- 6	6- 10	0	1045	314
SEP 5	0- 4	4- 7	7- 10	0	2091	5096
SEP 19	0- 4	4- 6	6- 10	0	17247	69617
OCT 3	0- 6	6- 8	8- 10	1307	164634	34495
OCT 17	0- 10		---	155083	----	----

KELLICOTTIA BOSTOWILNSIS
1973

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
LAY 2	0- 6	---		523	----	----
MAY 15	0- 6	---	6- 10	7056	----	314
MAY 28	U- 3	3- 7		523	14111	----
JUN 11	0- 3	3- 6		0	1568	
JUN 25	0- 4	4- 6		0	3920	
JUL 9	U- 3	3- 6		0	523	
JUL 23	0- 3	3- 5		4181	7056	
AUG 6	0- 4	4- 6		2744	2352	
AUG 20	0- 3	---		0	----	
SEP 3	0- 3	3- 4		0	0	
SEP 17				0	----	
OCT 1	0- 5			0		
OCT 15	0- 6			0		
OCT 29	0- 8			0		
NOV 6	0- 10			7555		

KELLICOTTIA BOSTONIENSIS
1974

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
DAY 21	0- 5	---		U	----	
JUN 4	0- 3	3- 5		0	348	
JUN 18	0- 3	3- 5		0	0	
JUL 2	0- 2	2- 5		0	0	
JUL 16	0- 3	3- 5		0	2439	
JuL 30	0- 3	3- 5		0	697	
AUG 13	0- 3	3- 6		0	36702	
AUG 27	0- 4	4- 6		2265	54007	
SEP 10	0- 4	4- 6		2265	76307	
SEP 24	U- 5	5- 6		697	15331	
OCT 8	U- 8	---		17422	----	
OCT 22	0- 10			23630		
NOV 5	0- 10			50871		

KELLICOTTIA BOSTONIENSIS
1975

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 13	0- 2			8462		
JUN 10	0- 2			0		
JUL 10	0- 2			0		
JUL 21	0- 2			0		
AUG 5	0- 2			0		
AUG 19	0- 2			0		
SEP 16	0- 2			1758		
SEP 30	U- 2			0		
OCT 14	0- 2			2198		
OCT 26	U- 2			1538		
NOV 11	0- 2			3516		

KELLICOTTIA BOSTONIENSIS
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 11	0- 2			33626		
JUN 8	0- 2			0		
JUL 6	0- 2			220		
AUG 3	0- 2			0		
AUG 31	0- 2			0		
SEP 28	0- 2			0		

KELLICOTTIA BOSTONIENSIS
1977

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	
MAY 3	0- 3	3- 6	6- 10	0	0	0
MAY 31	0- 2	2- 5	5- 10	15843	0	0
JUN 14	0- 3	3- 5	5- 10	0	0	0
JUN 28	0- 2	2- 5	5- 10	0	0	339
JUL 12	U- 2	2- 4	4- 9	22067	11882	0
JUL 26	0- 3	3- 6	6- 10	1358	0	485
AUG 9	0- 3	3- 6	6- 9	0	0	970
AUG 23	0- 3	3- 7	7- 10	0	0	0
SEP 20	U- 5	5- 8	---	3395	0	----
OCT 18	0- 9	---		377	----	
NOV 1	0- 10			170		

KELLICOTTIA BOSTONIENSIS
1978

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	2380	1020	170
JUN 16	0- 2	2- 5	5- 9	7141	146	0
JUL 11	0- 3	3- 5	5- 9	0	0	0
AUG 1	0- 2	2- 6	6- 9	0	729	291
AUG 23	0- 2	2- 6	6- 9	510	13991	291
SEP 12	0- 3	3- 6	6- 9	20658	284621	13991
OCT 24	0- 9	---	---	9465	----	----

ANLRAEORSIS FISSA
1969

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LONER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
MAY 17	0- 5		5- 10	0		0
NAY 22	0- 4		4- 10	0		0
MAY 27	0- 5		5- 10	0		0
JUN 5	0- 6		6- 10	0		0
JUN 11	0- 4		4- 10	0		0
JUN 19	0- 4		4- 10	0		0
JUN 25	0- 4		4- 10	0		0
JUL 3	0- 5		5- 10	0		0
JUL 7	0- 4		4- 10	0		0
JUL 17	0- 5	---	5- 10	0		0
JUL 22	0- 4	---	4- 10	0		0
JUL 30	0- 3	3- 6	6- 10	0	0	0
AUG 7	0- 3	3- 6	6- 10	0	0	0
AUG 18	0- 3	3- 6	6- 10	0	0	0
AUG 27	0- 3	3- 6	6- 10	0	0	0
SEP 3	0- 3	3- 6	6- 10	0	0	0
SEP 11	0- 3	3- 6	6- 10	0	0	0
SEP 18	0- 3	3- 6	6- 10	0	0	0
OCT 1	0- 3	3- 6	6- 10	0	0	0
CCT 28	0- 10			0		
NCV 12	0- 9			0		
DEC 9	0- 9			0		

ANURAEOPEIS FISSA
1970

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PER CUBIC METRE UPPER	MIDDLE	LOWER
JAN 22	0- 9			0		
REB 26	0- 10			0		
APR 9	0- 10			0		
MAY 8	0- 10			0		
NAY 16	0- 6			0		
LAY 18	0- 10			0		
LAY 19	0- 10			0		
NAY 25	0- 10			0		
LAY 28	0- 10	---		0	----	---
JUN 2	U- 10	---		0	----	----
JUN 9	0- 2	2- 4	4- 10	0	0	0
JUN 16	0- 2	2- 4	4- 10	0	0	0
JUN 22	0- 2	2- 5	5- 10	0	0	0
JUN 30	U- 2	2- 5	5- 10	0	0	0
JUL 7	0- 2	2- 5	5- 10	0	0	0
JUL 14	0- 2	2- 5	5- 10	0	0	0
JLL 21	0- 2	2- 5	5- 10	0	0	0
JUL 28	0- 2	2- 5	5- 10	0	0	0
AUG 3	0- 3	3- 5	5- 10	0	0	0
AUG 11	0- 3	3- 5	5- 9	0	0	0
AUG 18	0- 4	4- 6	6- 10	0	0	0
AUG 25	0- 3	3- 5	5- 10	0	0	0
SEP 1	0- 4	4- 6	6- 10	0	0	0
SEP 8	0- 4	4- 7	7- 10	0	0	0
SEP 15	0- 5	5- 7	7- 10	0	0	0
SEP 22	0- 4	4- 7	7- 10	0	0	0
SEP 29	0- 5	5- 7	7- 10	0	0	0
OCT 6	0- 5	5- 7	7- 10	0	0	0
OCT 13	0- 10			0		____
OCT 20	0- 10			0		
OCT 27	0- 10			0		
NOV 10	0- 10			0		
DEC 9	0- 10			0		

ANURAEOPSIS FISSA
1971

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS UPPER		CUBIC METRE LOWER
JAN 20	0- 10			0		
FEE 23	0- 10			0		
MAR 31	0- 10			0		----
NAY 4	0- 10			0		----
MAY 11	0- 3		3- 10	0		0
MAY 18	0- 4	---	4- 10	0	----	0
JUN 1	0- 4	---	4- 10	0	----	0
JUN 8	0- 3	3- 6	6- 10	0	0	0
JUN 15	0- 4	4- 7	7- 10	132491	170383	48214
JUN 22	0- 4	4- 7	7- 9	31751	33449	19599
JUN 29	0- 4	4- 7	7- 10	157186	158885	127003
JUL 6	0- 4	4- 7	7- 10	136411	724390	59974
JUL 13	0- 4	4- 7	7- 10	3602350	3329260	401393
JUL 20	0- 3	3- 6	6- 10	1052610	13213000	2845500
JUL 27	0- 4	4- 7	7- 10	497430	8274560	2054390
AUG 3	0- 4	4- 7	7- 10	269686	20170000	9003130
AUG 10	0- 3	3- 7	7- 10	146341	1249250	2655700
AUG 17	0- 4	4- 7	7- 10	1975600	7772820	1416630
AUG 24	0- 4	4- 7	7- 10	521733	1818290	731054
AUG 31	0- 4	4- 7	7- 10	497430	1707490	244991
SEP 7	0- 4	4- 7	7- 10	1355480	659059	1193200
SEP 14	0- 4	4- 7	7- 10	9945070	5397900	1553630
SEP 21	0- 5	5- 7	7- 10	3504350	14302000	3530220
SEP 28	0- 4	4- 7	7- 10	534277	8011140	1538930
OCT 5	0- 6	6- 7	7- 10	6990150	15127500	6857010
CCT 12	0- 7		7- 10	2157710	----	3219380
OCT 19	0- 7		7- 10	553708		724782
OCT 26	0- 10			437598		----

ANURAEOPSIS FISSA
1972

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS PEP CUBIC METRE UPPER	MIDDLE	LOWER
MAY 9	0- 7	---	7- 10	0	----	0
MAY 16	0- 3	3- 6	6- 10	62718	56446	5017
MAY 29	0- 3	3- 5	5- 10	23519	119947	20122
JUN 13	0- 3	3- 6	6- 10	280139	1059400	169024
JUN 27	0- 3	3- 6	6- 10	68990	533101	77456
JUL 11	0- 3	3- 5	5- 10	5749	832578	63345
JUL 25	0- 3	3- 6	6- 10	181881	1208360	378501
AUG 8	0- 3	3- 6	6- 10	1039540	773519	145191
AUG 22	0- 3	3- 6	6- 10	4704	24042	6899
SEP 5	0- 4	4- 7	7- 10	18815	133275	92509
SEP 19	0- 4	4- 6	6- 10	343379	873344	269372
OCT 3	0- 6	6- 8	8- 10	960888	265766	67944
OCT 17	0- 10	---	---	111466	----	----

ANuFAEopEis FISSA
1973

DATE	SAMPLING LAYER (METRES) uppER	MIDDLE	LOWER	# INDIVIDUALS pER CUBIC METRE UPPER	MIDDLE	LOWER
2	0- 6	---		0	____	____
MAY 15	0- 6	---	6- 10	12282	----	1254
MAY 26	0- 3	3- 7		179790	283405	---
JUN 11	0- 3	3- 6		126480	239372	
JUN 25	0- 4	4- 6		36063	260278	
JUL 9	0- 3	3- 6		109756	587979	
JUL 23	0- 3	3- 5		733275	182665	
AUG 6	0- 4	4- 6		906663	499390	
AUG 20	0- 3	---		413414	----	
SDP 3	0- 3	3- 4		63240	305749	
EEP 17	0- 5	---		91568	----	
CCT 1	0- 5			119477		
OCT 15	0- 6			272560		
OCT 29	0- 8			82905		
NOV 6	0- 10			17675		

ANURAEOPSIS FISSA.
1974

DATE	SAMPLING LAYER (METRES) UPPER	NIDOLE	!	# INDIVIDUALS pER CUBIC METRE MIDDLE	LOWER.
MAY 21	0- 5	---		2927	----
JUN 4	0- 3	3- 5		2091	24390
JUN 18	0- 3	3- 5		0	0
JUL 2	0- 2	2- 5		1742	7433
JUL 16	0- 3	3- 5		219279	861324
JUL 30	0- 3	3- 5		253193	1997560
AUG 13	0- 3	3- 6		3949	104065
AUG 27	0- 4	4- 6		34321	102787
10	0- 4	4- 6		55575	64808
SEP 24	0- 5	5- 6		152055	371428
OCT C	0- V	---		41463	----
22	6- 10			25467	
5	0- 10			1u9r.	

prurpucPsIs FISSA
1975

LATE	SAMPLING UPPER	LAYER MIDDLE	(METRES)	8 INDIVIDUALS per COLIC METRE MIDDLE
13	0- 2			1195
JUn 10	G- 2			56794
JUL 10	0- 2			10769
JUL 21	0- 2			2637
AUG 5	0- 2			220
AUG 19	0- 2			659
SEE 16	0- 2			0
SEP 30	0- 2			26374
OCT 14	0- 2			39560
OCT 28	0- 2			19560
Nov 11	0- 2			21758

AN ME0PSIE FISSA
1976

DATE	SAMPLING LAYER (METRES) UPPER	MIDDLE	LOWER	# INDIVIDUALS pep CUBIC METFE UPPER	MIDDLE	LOWER
MAY 11	0- 2			220		
JUN 8	0- 2			1099		
JUL 6	0- 2			45495		
AUG 3	0- 2			0		
AUG 31	0- 2			1099		
SEP 28	0- 2			1978		

ANUFAEOPSIS FISSA.
1977

DATE	SAMPLING LAYER (METRES) UPPER,	NICOLE	LCWER	# INDIVIDUALS PER CUBIC METRE UPPED	NICOLE	LOWER
MAY 3	0- 3	3- 6	6- 10	2263	4527	0
MAY 31	0- 2	2- 5	5- 10	393813	26675	18106
JUN 14	0- 3	3- 5	5- 10	532327	815635	0
JUN 28	0- 2	2- 5	5- 10	145982	204181	0
JUL 12	0- 2	2- 4	4- 9	72143	80630	0
Jul. 26	0- 3	3- 6	6- 10	1743640	102818	0
AUG 9	0- 3	3- 6	6- 9	6415880	1618700	0
AUG 23	0- 3	3- 7	7- 10	8687660	1596890	0
SEP 20	0- 5	5- 8	---	888457	0	____
OCT 18	0- 9	---		22256	---	
NOV 1	0- 10			3225		

ANURAEOPSIS FISEA
1978

DATE	SAMPLING LAYER (METRES) UPPER	NIDOLE	LOWER	# INDIVIDUAL PER CUBIC METRR	MIDDLE	LOWER
MAY 9	0- 10	---	---	0	----	----
MAY 23	0- 2	2- 4	4- 10	33665	5305	2040
JUN 16	0- 2	2- 5	5- 9	2040	29439	8671
JUL 11	0- 3	3- 5	5- 9	0	56924	5451
AUG 1	0- 2	2- 6	6- 9	0	12556	1022
AUG 23	0- 2	2- 6	6- 9	588795		32558
SEP 12	0- 3	3- 6	6- 9	5836640	4 5	863006
OCT 24	0- 9	---	---	94050	____	____