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***CHAOBORUS* ABUNDANCE
IN
MUSKOKA--HALIBURTON LAKES:
1986 METHODS AND DATA**

Data Report DR 87/3



Ministry
of the
Environment

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Water Resources Branch**

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**Chaoborus Abundance in Muskoka-Haliburton Lakes:
1986 Methods and Data**

T.W. Pawson and L.J. McEachern

Data Report DR 87/3

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PREFACE

The Data Report Series is intended as a readily available source of basic data collected for lakes and watersheds in the Muskoka/ Haliburton area of Ontario. These data were collected as part of the Lakeshore Capacity Study and/or the Acid Precipitation in Ontario Study.

The limnological portion of the Lakeshore Capacity Study (1975-81) was initiated to investigate the relationships between lakeshore development and lake trophic status in low ionic strength Precambrian lakes. The Acid Precipitation in Ontario Study (1979-present) was initiated, in part, to investigate the effects of the deposition of strong acids on aquatic and terrestrial ecosystems in Ontario. The primary findings of these studies have been and will continue to be published as reviewed papers and technical reports.

Pawson, T.W. and L.J. McEachern. 1987. *Chaoborus* abundance in Muskoka- Haliburton Lakes: 1986 Methods and Data. Ont . Min. Environ. Data Report. DR 87/3.

Abstract

Larvae of the phantom midge, *Chaoborus*, are nocturnally active, acid-tolerant zooplanktivores whose abundance varies widely in Canadian Shield Lakes. They are known to influence the competitive interplay among dominant zooplankton species, perhaps complicating the interpretation of changes in zooplankton community structure that accompany acidification of lakes. Therefore, estimates of *Chaoborus* abundance may greatly aid interpretation of patterns in zooplankton communities observed over gradients of lake alkalinity. A summary of field and laboratory methods employed during a fall, 1986, larval *Chaoborus* survey of 18 Muskoka-Haliburton Lakes is presented. Raw data and four estimates of average *Chaoborus* abundance and biomass are presented for each lake.

Pawson, T.W. and L.J. McEachern. 1987. *Chaoborus* abundance in Muskoka-Haliburton Lakes: 1986 Methods & Data. Ont. Environ.Data. Report. DR 87/3.

RÉSUMÉ

La larve de la cécidomye (famille des chaoboridés) est un zooplanctivore nocturne, tolérant à l'acide, dont le nombre dans les lacs du Bouclier canadien accuse d'importantes variations. On sait que sa présence influe sur les rapports existant entre les espèces dominantes du zooplancton, ce qui tendrait à compliquer l'interprétation des changements de la structure des populations zooplanctiques, changements qui accompagnent l'acidification des lacs. Par conséquent, les calculs estimatifs du nombre de cécidomyes pourraient grandement faciliter l'interprétation des tendances observées chez les populations zooplanctiques suivant les gradients d'alcalinité des lacs. Le rapport présente un sommaire des méthodes employées en laboratoire et sur le terrain au cours d'un sondage effectué à l'automne de 1986 pour évaluer la présence des larves de la cécidomye dans 18 lacs de la région de Muskoka-Haliburton. Sont présentées, pour chaque lac, les données brutes et quatre estimations du nombre et de la biomasse moyenne de la cécidomye.

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Introduction

One objective of biological surveys conducted under the auspices of the APIOS programme is to determine if acidification alters zooplankton community structure. Zooplankton are influenced by biotic as well as abiotic factors. The principal biotic factor is probably predation.

Larvae of the phantom midge, *Chaoborus*, are zooplanktivorous, and when they are abundant they can have a profound influence on zooplankton community structure (Lynch 1979). As the abundance of *Chaoborus* larvae varies widely among lakes on the Canadian Shield (Yan *et al.* 1985), estimates of *Chaoborus* abundance may help explain differences in community structure of zooplankton in APIOS study lakes. The purpose of this report is to describe the methods and present the data of a survey designed to provide quantitative estimates of the abundance of *Chaoborus* larvae in roughly 1/3 of the intensive APIOS study lakes. It is intended that similar data will be assembled from the remaining intensive study lakes in 1987 and 1988.

Methods

Eighteen of the principal APIOS and LCS lakes (Table 1) were visited on a single occasion between Oct. 15 and Nov. 4, 1986. The autumn sampling window was selected with the expectation that the majority of the animals would be in their overwintering life stages; hence, population size would be relatively stable.

As the latter instars of the dominant species of *Chaoborus* move to profundal sediments during the day, a stratified random sampling design was employed. Zones deeper and shallower than the mean summer thermo-cline depth (MSTD, taken from Reid *et al.* 1983) were delineated on bathymetric charts of each lake (Nicolls *et al.* 1983) and 5 sampling stations were randomly located in each of these two zones. Specific locations of the sampling stations for each lake are illustrated in Figures 1 through 18.

All samples were collected between 1 h after sunset and midnight. At each of the stations, a single vertical haul was taken from 2-3 m above bottom to the surface using a 46 cm diameter closing tow net constructed of 150 μ mesh. The net was hauled at 0.5 m/s. Samples were preserved in the field with a 1% formalin solution.

In the laboratory, the stage of development (Lasenby *et al.* 1986) and identity (Saether 1970) of each *Chaoborus* in every sample was recorded. The lengths (± 0.1 mm) of the first 25 (or all animals if there were <25) animals of each represented instar and species were measured. Lengths were taken from the anterior tip of the head capsule to the base of the anal tubules.

The mean weight of each instar in each lake was calculated from its mean length using length-weight relationships given in Table 2, after correction for detransformation bias (Bird and Prairie 1985). Length variations were sufficiently small among animals of a single instar and species in each lake, that the mean weight calculated from mean length, was virtually identical to the mean of individually calculated weights of each animal.

Volumetric (VD) and areal (AD) expressions of *Chaoborus* density were calculated for each station from the net aperture area (0.17 m²), the haul length and assumed filtration efficiency of 70% (Yan *et al.* 1985). Average abundance estimates for each lake were subsequently calculated in 4 ways:

$$\begin{aligned}\overline{VD} &= \Sigma VD/m \\ \overline{AD} &= \Sigma AD/m \\ \overline{WVD} &= P_1 \Sigma VD_1/m_1 + P_2 \Sigma VD_2/m_2 \\ \overline{WAD} &= P_1 \Sigma AD_1/m_1 + P_2 \Sigma AD_2/m_2\end{aligned}$$

where VD, AD, WVD and WAD represent volumetric density, areal density, weighted volumetric density and weighted areal density, respectively, and m is the sample size equal to 10 for the first 2 equations and 5 for the second 2, and P₁ and P₂ are the proportion of the lake volume and lake area, respectively, in one of the 2 depth zones. Values of P₁ and P₂ were calculated from data given in Table 3.

Data Presentation

Raw data (pg 34 to 93) are tabulated alphabetically by lake. Zero abundance should be interpreted as the absence of that instar from the particular haul. The instars might still be present at very low density at the station. Total numbers encountered, mean length and standard deviation of length, and the number of organisms measured are listed. The density and biomass of larvae in each sample is also given.

Tables 4 to 7 lists \overline{VD} , \overline{WVD} , \overline{AD} and \overline{WAD} , respectively. Tables 8-11 give biomasses calculated from the 4 density estimates.

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Table 1. Location of Study Lakes.

Lake	Latitude	Longitude	Township	County
Basshaunt	45°07'	78°28'	Guilford	Haliburton
Bigwind	45°03'	79°03'	Oakley	Muskoka
Blue Chalk	45°12'	78°56'	Ridout	Muskoka
Buck	45°23'	79°00'	Sinclair	Muskoka
Chub	45°13'	78°59'	Ridout	Muskoka
Clear	45°11'	78°43'	Sherbourne	Haliburton
Crosson	45°05'	79°02'	Oakley	Muskoka
Dickie	45°09'	79°05'	McClellan	Muskoka
Glen	45°08'	78°30'	Guilford	Haliburton
Gullfeather	45°06'	79°01'	Oakley	Muskoka
Harp	45°23'	79°08'	Chaffey	Muskoka
Heney	48°08'	79°06'	McClellan	Muskoka
Little Clear	45°24'	79°00'	Sinclair	Muskoka
Plastic	45°11'	78°50'	Sherbourne	Haliburton
Red Chalk-east	45°11'	78°56'	Ridout	Muskoka
Red Chalk-main	45°11'	78°56'	Ridout	Muskoka
Solitaire	45°22'	79°00'	Sinclair	Muskoka
Walker	45°24'	79°05'	Sinclair	Muskoka

Table 2. Parameters and regression diagnostics of the *Chaoborus* length-weight regression: ($\log W = a \log L + b$) where W is in 4g dry weight and L is the body length in mm. The 95% Confidence Interval for a and b are indicated. C.F. is a multiplication correction factor applied to log W upon detransformation (Bird and Prairie, 1985). All equations were developed by the junior author on animals collected from Chub Lake, one of the study lakes.

Taxon	a	b	n	r ²	C.F.
<i>C. punctipennis</i>					
1st instar	4.12 ± 3.06	-0.55 ± 1.03	15	0.56	1.03
2nd instar	0.80 ± 0.73	0.78 ± 0.44	8	0.64	1.00
3rd instar	3.31 ± 1.62	-0.83 ± 1.50	25	0.54	1.02
4th instar	2.97 ± 1.42	-0.43 ± 0.67	25	0.69	1.04
<i>C. flavicans</i>					
1st instar	2.19 ± 0.68	-0.11 ± 0.32	31	0.65	1.02
2nd instar	2.73 ± 0.91	-0.51 ± 0.62	29	0.85	1.03
3rd instar	2.24 ± 0.34	-0.20 ± 0.32	8	0.99	1.00
14th instar	1.15 ± 2.03	1.21 ± 2.14	20	0.75	1.00
<i>C. trivittatus</i>					
1st instar	2.97 ± 1.42	-0.43 ± 0.67	25	0.69	1.04
2nd instar	2.79 ± 1.21	-0.48 ± 0.73	15	0.71	1.00
3rd instar	2.62 ± 1.70	-0.26 ± 1.67	6	0.84	1.01
4th instar	4.64 ± 1.32	-2.29 ± 1.45	29	0.72	1.04

Table 3. Areas and volumes of the study lakes, including those areas and volumes of the regions greater than and less than the mean summer thermocline depth (MSTD).

Lake	MSTD (m)	Area (ha)			Volume (m ³ x 10 ⁵)		
		Total	<MSTD	>MSTD	Total	<MSTD	>MSTD
Basshaunt	5	47.3	19.5	27.8	36.6	4.8	31.7
Bigwind	8	111.0	55.0	56.0	118.0	22.8	95.2
Blue Chalk	8	52.4	27.8	24.5	44.7	9.9	34.8
Buck	6	40.3	13.5	26.8	43.9	3.8	40.1
Chub	4	34.4	11.2	23.2	30.4	1.9	28.5
Clear	8	88.4	35.7	52.7	109.2	12.2	96.9
Crosson	6	56.7	22.0	34.8	52.2	6.9	45.3
Dickie	5	93.6	52.8	40.8	46.7	14.4	32.2
Glen	5	16.3	5.3	11.0	11.8	1.3	10.6
Gullfeather	5	65.9	37.9	28.0	31.5	9.3	22.2
Harp	6	71.4	24.7	46.7	88.2	6.6	81.6
Heney	*	21.4	*	*	7.0	*	*
Little Clear	6	10.9	4.4	6.5	8.9	1.2	7.6
Plastic	7	32.1	12.5	19.6	25.6	3.9	21.7
Red Chalk-east	5	13.1	5.8	7.3	7.5	1.6	5.9
Red Chalk-main	6	44.7	8.8	35.3	73.3	18.2	55.1
Solitaire	8	124.0	49.7	74.9	164.0	13.8	150.2
Walker	8	68.2	48.6	19.6	42.1	20.8	21.3

* The waters of Heney Lake do not stratify

Table 4. Volumetric Density (\overline{VD} , # m⁻³) of *Chaoborus* larvae in the study lakes.

Lake	Instar	<i>C. punctipennis</i>				<i>C. flavicans</i>				<i>C. trivittatus</i>				Total
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Basshaunt		0	0.8	3.3	3.0	0	0	2.7	20.1	0	0	0	0	29.9
Bigwind		0	0	<0.1	3.2	0	0	0	0	0	0	0	0	3.2
Blue Chalk		0	0	0.5	5.7	0	0	0	0.1	0	0	0	0	6.3
Buck		0	0	0.1	0	0	0	0	0.2	0	0.1	0.2	0.1	0.7
Chub		0	0	0.6	24.3	0	0	1.8	9.5	49.1	0.1	0.1	0.2	85.7
Clear		0	0	0.1	17.3	0	0	0	0	0	0	0	0	17.4
Crosson		0	0	0	1.6	0	0.1	0.2	4.3	0	0	0	0	6.2
Dickie		0	0	5.3	31.2	0.4	0.3	0	13.7	0	0	0	0	50.9
Glen		0	0	0	1.0	0	0	0.2	4.8	0	0	0	0	6.0
Gullfeather		0	2.0	6.2	55.1	0	0	0.6	8.1	0	0	0	0	72.0
Harp		0	0	0	1.4	0	0	0	0	0	0	0	0	1.4
Heney		0	0	0.3	0	0	0	0	0	0	0	0	0	0.3
Little Clear		0	0	0.7	6.4	0	0.2	0.8	16.5	0	0	0	0.1	24.7
Plastic		0	0	0.9	44.5	0	0	0	0.1	0	0	0	0	45.5
Red Chalk-east		0	0.5	3.8	10.6	0	0	0.8	34.0	3.7	0.1	0	0	53.5
Red Chalk-main		0.3	0	0.1	0	0	0	0	0	0	0	0	0	0.4
Solitaire		0	0	0	2.7	0	0	0	0	0	0	0	0	2.7
Walker		0	0	0	26.2	0	0	1.4	88.9	50.0	20.4	0	0	186.9

Table 5. Weighted Volumetric Density (\overline{WVD} , # m⁻³) of *Chaoborus* larvae in the Study Lakes.

Lake	Instar	<i>C. punctipennis</i>				<i>C. flavicans</i>				<i>C. trivittatus</i>				Total
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Basshaunt		0	0.4	5.3	4.6	0	0	2.7	22.3	0	0	0	0	35.3
Bigwind		0	0	0.1	4.8	0	0	0	0	0	0	0	0	4.9
Blue Chalk		0	0	0.2	7.7	0	0	0	0.1	0	0	0	0	8.0
Buck		0	0	0.3	0	0	0	0	0.4	0	0.2	0.4	0.2	1.5
Chub		0	0	0.4	27.2	0	0	0.6	14.5	90.0	0.1	0.1	0.3	133.2
Clear		0	0	0.2	18.8	0	0	0	0	0	0	0	0	19.0
Crosson		0	0	0	2.2	0	0.2	0.3	5.9	0	0	0	0	8.6
Dickie		0	0	6.3	40.9	0.2	0.4	0	17.3	0	0	0	0	65.1
Glen		0	0	0	1.2	0	0	0.3	4.3	0	0	0	0	5.8
Gullfeather		0	1.3	5.1	47.9	0	0	0.4	11.0	0	0	0	0	65.7
Harp		0	0	0	0.1	0	0	0	0	0	0	0	0	0.1
Heney		0	0	0.3	0	0	0	0	0	0	0	0	0	0.3
Little Clear		0	0	1.2	5.9	0	0.3	0.2	21.9	0	0	0	0.1	29.6
Plastic		0	0	0.9	57.7	0	0	0	0.2	0	0	0	0	58.8
Red Chalk-east		0	0.8	4.9	13.4	0	0	2.5	49.5	4.9	0.2	0	0	76.2
Red Chalk-main		0.1	0	0.1	0	0	0	0	0	0	0	0	0	0.2
Solitaire		0	0	0	1.1	0	0	0	0	0	0	0	0	1.1
Walker		0	0	0	26.6	0	0	1.4	90.2	50.9	20.7	0	0	189.8

Note: Table 6 missing from source document

Table 7. Weighted Aerial Density (\overline{WAD} , # m⁻²) of Chaoborus larvae in Study Lakes.

Lake	Instar	<i>C. punctipennis</i>				<i>C. flavicans</i>				<i>C. trivittatus</i>				Total
		1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Basshaunt		0	2.9	41.1	25.7	0	0	11.5	116.9	0	0	0	0	198.1
Bigwind		0	0	0.9	34.4	0	0	0	0	0	0	0	0	35.3
Blue Chalk		0	0	0.9	46.3	0	0	0	0.8	0	0	0	0	48.0
Buck		0	0	2.3	0	0	0	0	3.4	0	1.1	2.3	1.1	10.2
Chub		0	0	2.5	171.0	0	0	5.3	82.1	500.5	0.8	0.8	2.3	765.3
Clear		0	0	1.0	164.4	0	0	0	0	0	0	0	0	165.4
Crosson		0	0	0	14.3	0	1.1	1.1	38.7	0	0	0	0	55.2
Dickie		0	0	22.8	128.2	1.0	1.5	0	52.7	0	0	0	0	206.2
Glen		0	0	0	5.7	0	0	1.2	20.6	0	0	0	0	27.5
Gullfeather		0	3.7	11.5	108.5	0	0	1.0	33.5	0	0	0	0	158.2
Harp		0	0	0	10.1	0	0	0	0	0	0	0	0	10.1
Heney		0	0	0.9	0	0	0	0	0	0	0	0	0	0.9
Little Clear		0	0	6.2	38.9	0	1.0	2.1	153.4	0	0	0	1.0	202.6
Plastic		0	0	6.6	358.7	0	0	0	1.1	0	0	0	0	366.4
Red Chalk-east		0	2.9	23.5	57.1	0	0	9.4	231.3	23.1	1.0	0	0	348.3
Red Chalk-main		0.3	0	1.4	0	0	0	0	0	0	0	0	0	1.7
Solitaire		0	0	0	14.1	0	0	0	0	0	0	0	0	14.1
Walker		0	0	0	103.8	0	0	5.2	350.9	214.2	86.8	0	0	760.9

Table 8. Biomass (mg m^{-3}) of *Chaoborus* larvae calculated from volumetric density ($\overline{\text{VD}}$).

Lake	<i>C. punctipennis</i>	<i>C. flavicans</i>	<i>C. trivitattus</i>	Total
Basshaunt	1.0	5.0	0	6.0
Bigwind	0.9	<0.1	0	0.9
Blue Chalk	1.2	0.0	0	1.2
Buck	0.1	0.1	0.1	0.3
Chub	6.0	2.5	0.9	9.4
Clear	4.8	0	0	4.8
Crosson	0.4	1.2	0	1.6
Dickie	7.7	3.4	0	11.1
Glen	0.3	0.3	0	0.6
Gullfeather	13.6	2.2	0	15.8
Harp	0.5	0	0	0.5
Heney	<0.1	0	0	<0.1
Little Clear	1.6	4.4	0.1	6.1
Plastic	11.4	<0.1	0	11.4
Red Chalk-east	4.4	8.6	<0.1	13.0
Red Chalk-main	0.1	0	0	0.1
Solitaire	0.7	0	0	0.7
Walker	7.9	23.0	1.4	32.3

Table 9. Biomass (mg m^{-3}) of *Chaoborus* larvae calculated from weighted volumetric density ($\overline{\text{WVD}}$).

Lake	<i>C. punctipennis</i>	<i>C. flavicans</i>	<i>C. trivitattus</i>	Total
Basshaunt	1.6	5.6	0	7.2
Bigwind	1.3	0	0	1.3
Blue Chalk	1.6	0.2	0	1.8
Buck	<0.1	0.1	0.2	0.3
Chub	6.7	3.8	1.7	12.2
Clear	5.2	0	0	5.2
Crosson	0.6	1.7	0	2.3
Dickie	10.1	4.3	0	14.4
Glen	0.3	1.1	0	1.4
Gullfeather	11.8	3.0	0	14.8
Harp	<0.1	0	0	<0.1
Heney	<0.1	0	0	<0.1
Little Clear	1.5	5.7	0.1	7.3
Plastic	14.7	0	0	14.7
Red Chalk-east	0.1	12.7	<0.1	12.8
Red Chalk-main	0.1	0	0	0.1
Solitaire	0.3	0	0	0.3
Walker	8.0	23.3	1.4	32.7

Table 10. Biomass (mg m^{-2}) of *Chaoborus* larvae calculated from areal density (\overline{AD}).

Lake	<i>C. punctipennis</i>	<i>C. flavicans</i>	<i>C. trivitattus</i>	Total
Basshaunt	8.7	27.2	0	35.9
Bigwind	9.3	0	0	9.3
Blue Chalk	19.4	0.2	0	19.6
Buck	0.1	0.8	1.1	2.0
Chub	45.7	23.5	11.0	80.2
Clear	40.5	0	0	40.5
Crosson	3.1	8.8	0	11.9
Dickie	35.5	14.5	0	50.0
Glen	1.2	5.4	0	6.6
Gullfeather	23.8	10.1	0	33.9
Harp	2.8	0	0	2.8
Heney	<0.1	0	0	<0.1
Little Clear	9.4	35.4	0.1	44.9
Plastic	78.4	0.2	0	78.8
Red Chalk-east	12.2	53.3	0.2	65.7
Red Chalk-main	0.1	0	0	0.1
Solitaire	4.0	0	0	4.0
Walker	48.6	145.6	9.6	203.8

Table 11. Biomass (mg m^{-2}) of *Chaoborus* larvae calculated from weighted areal density ($\overline{\text{WAD}}$).

Lake	<i>C. punctipennis</i>	<i>C. flavicans</i>	<i>C. trivitattus</i>	Total
Basshaunt	9.7	29.0	0	38.7
Bigwind	9.3	0	0	9.3
Blue Chalk	10.2	0.2	0	10.4
Buck	0.1	1.0	1.5	2.6
Chub	42.3	21.4	9.9	73.6
Clear	45.3	0	0	45.3
Crosson	3.7	10.4	0	14.1
Dickie	31.7	13.1	0	44.8
Glen	1.4	5.4	0	6.8
Gullfeather	26.7	9.0	0	35.6
Harp	3.6	0	0	3.6
Hersey	<0.1	0	0	<0.1
Little Clear	10.0	40.2	1.0	51.2
Plastic	91.5	0.3	0	91.8
Red Chalk-east	13.3	59.6	0.2	73.1
Red Chalk-main	<0.1	0	0	<0.1
Solitaire	3.9	0	0	3.9
Walker	31.6	90.7	3.8	126.1

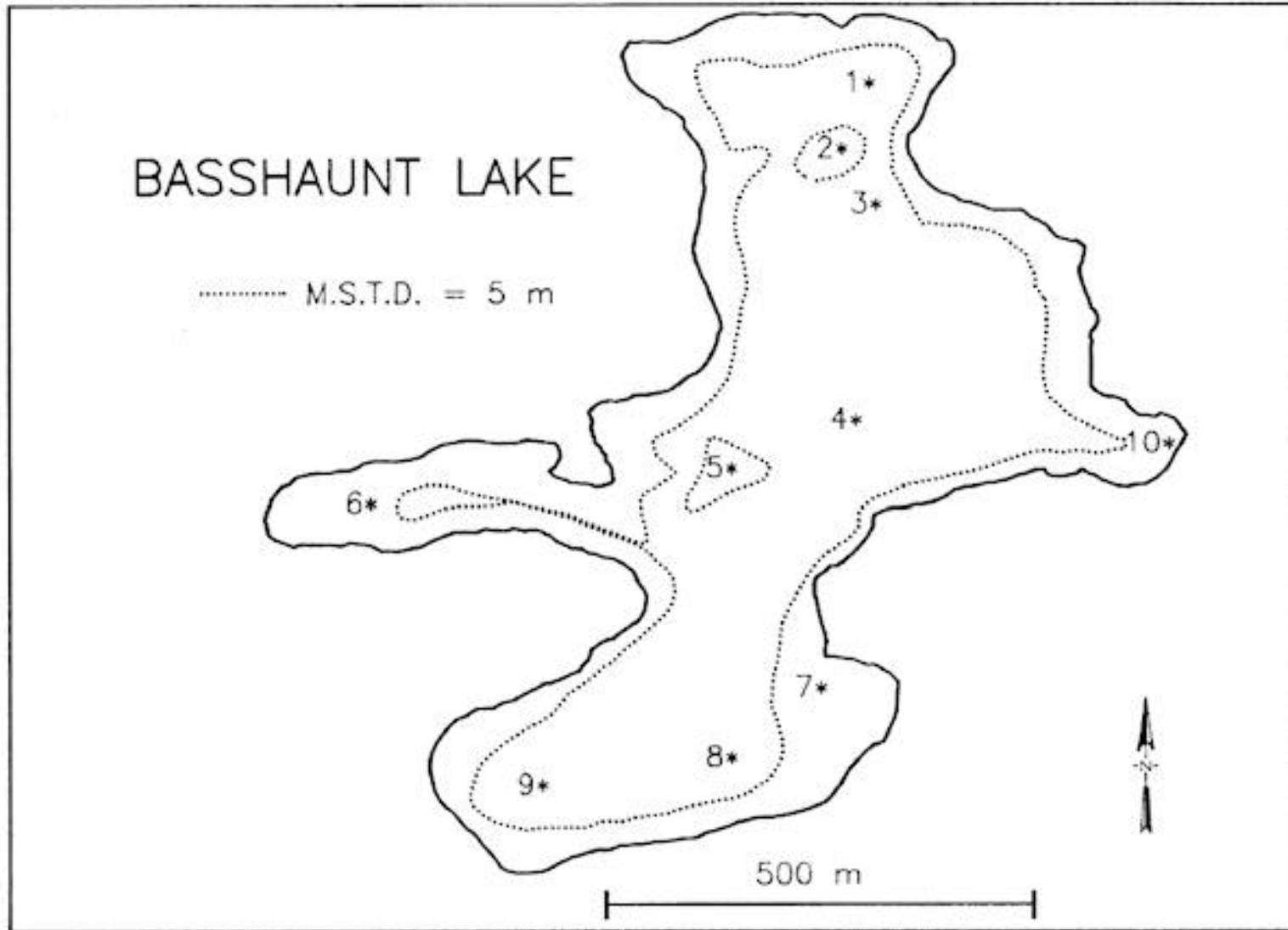


Figure 1. Sampling stations on Basshaunt Lake.

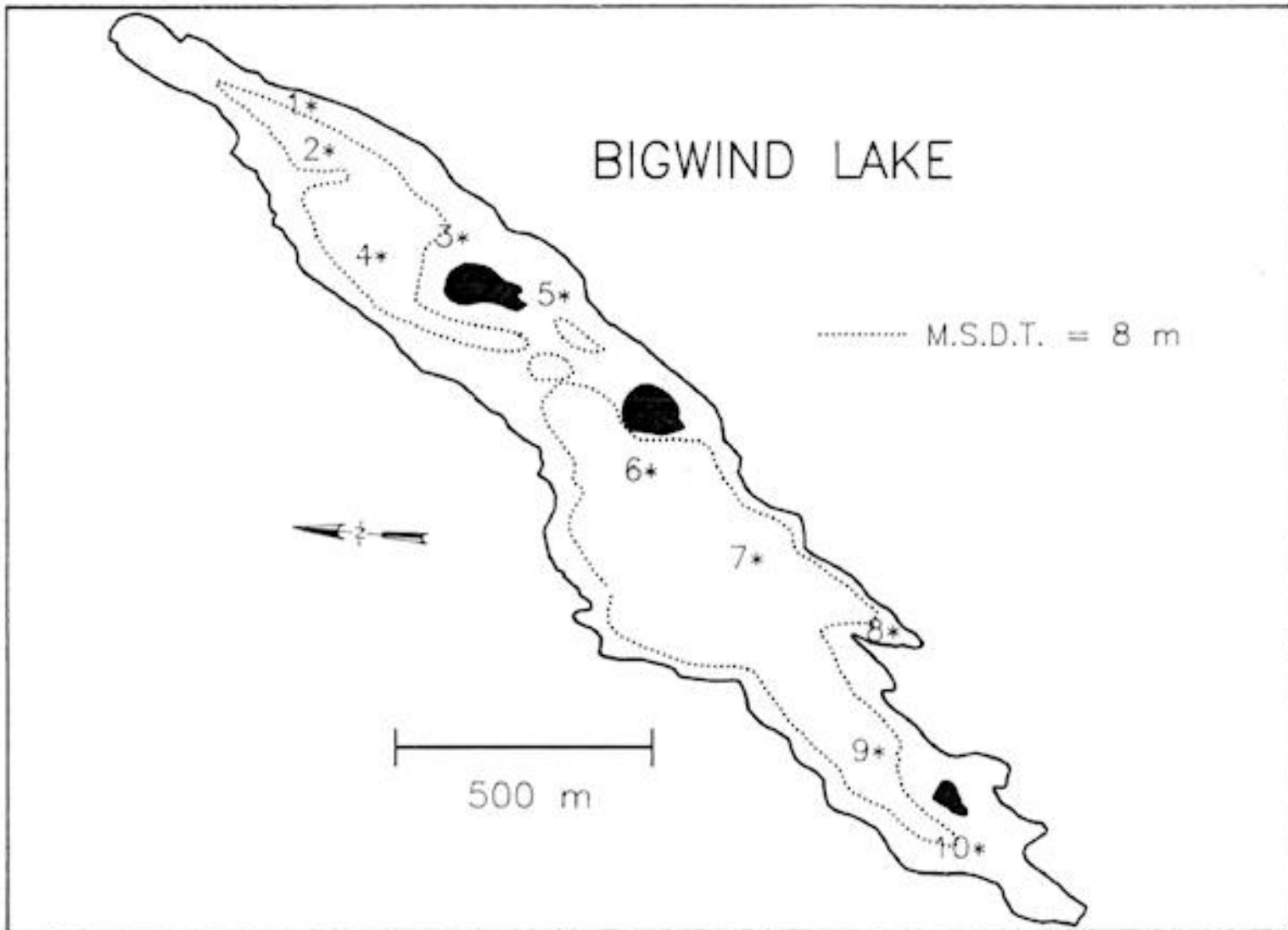


Figure 2. Sampling stations on Bigwind Lake.

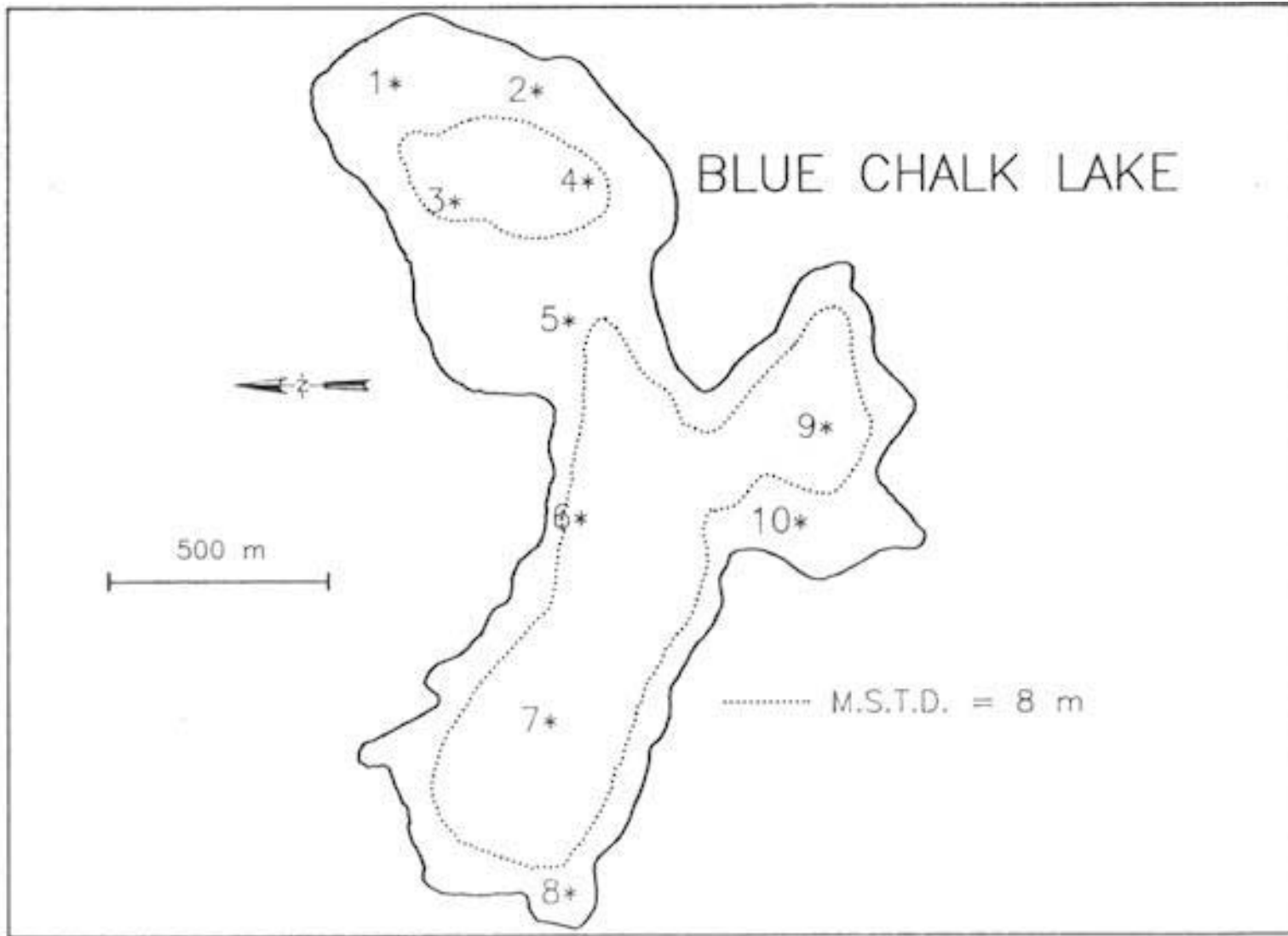


Figure 3. Sampling stations on Blue Chalk Lake.

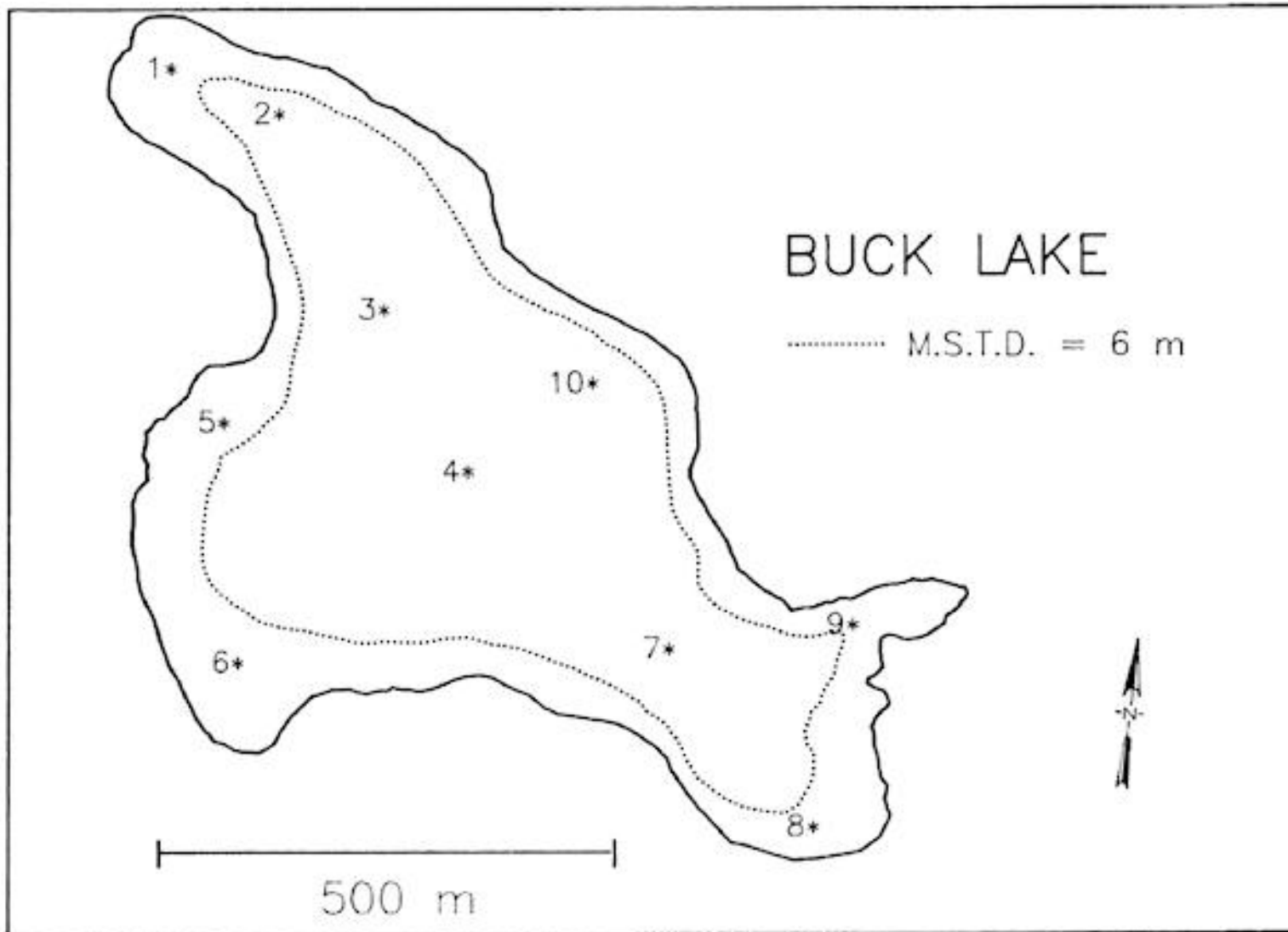


Figure 4. Sampling stations on Buck Lake.

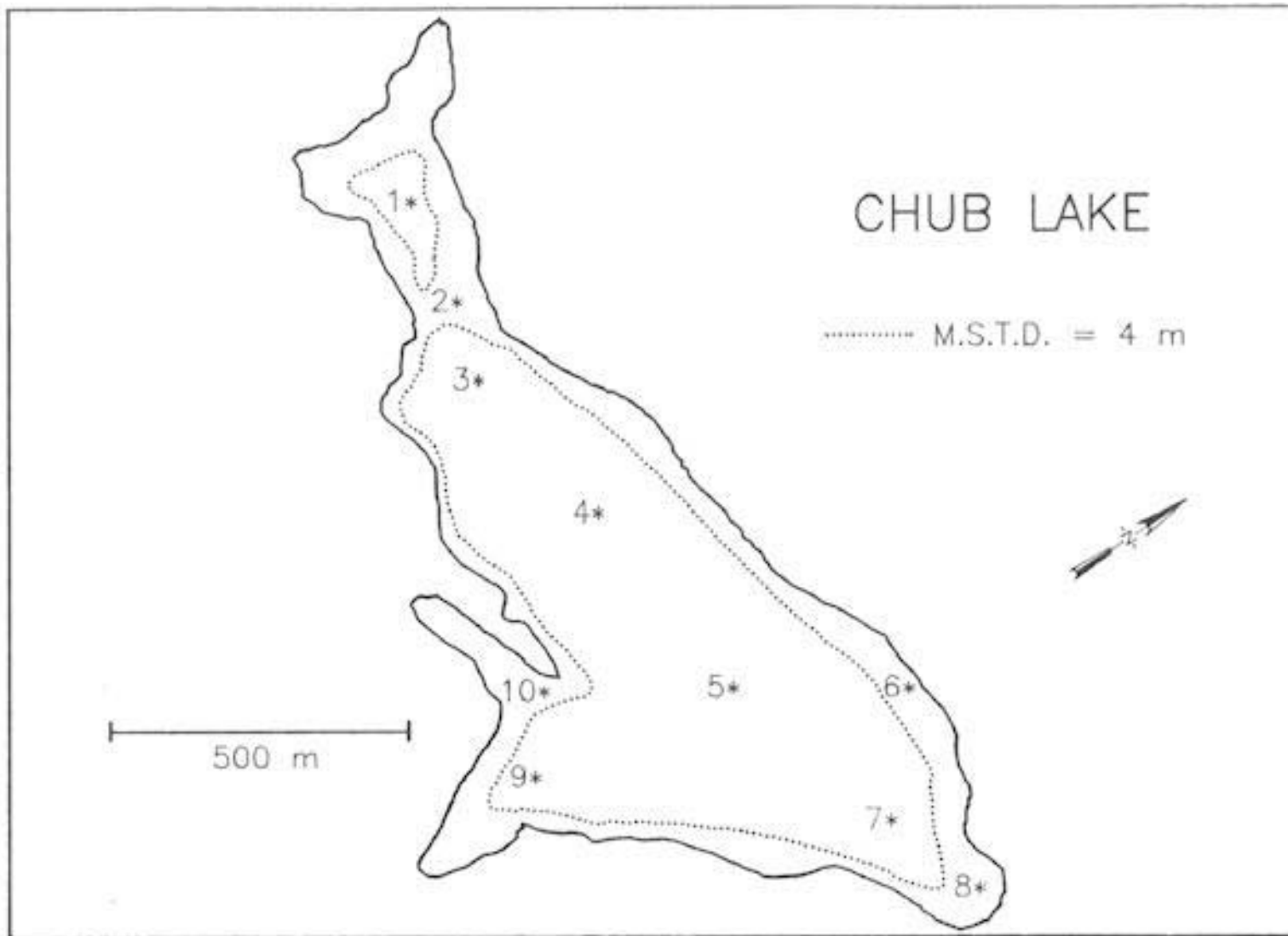


Figure 5. Sampling sites on Chub Lake.

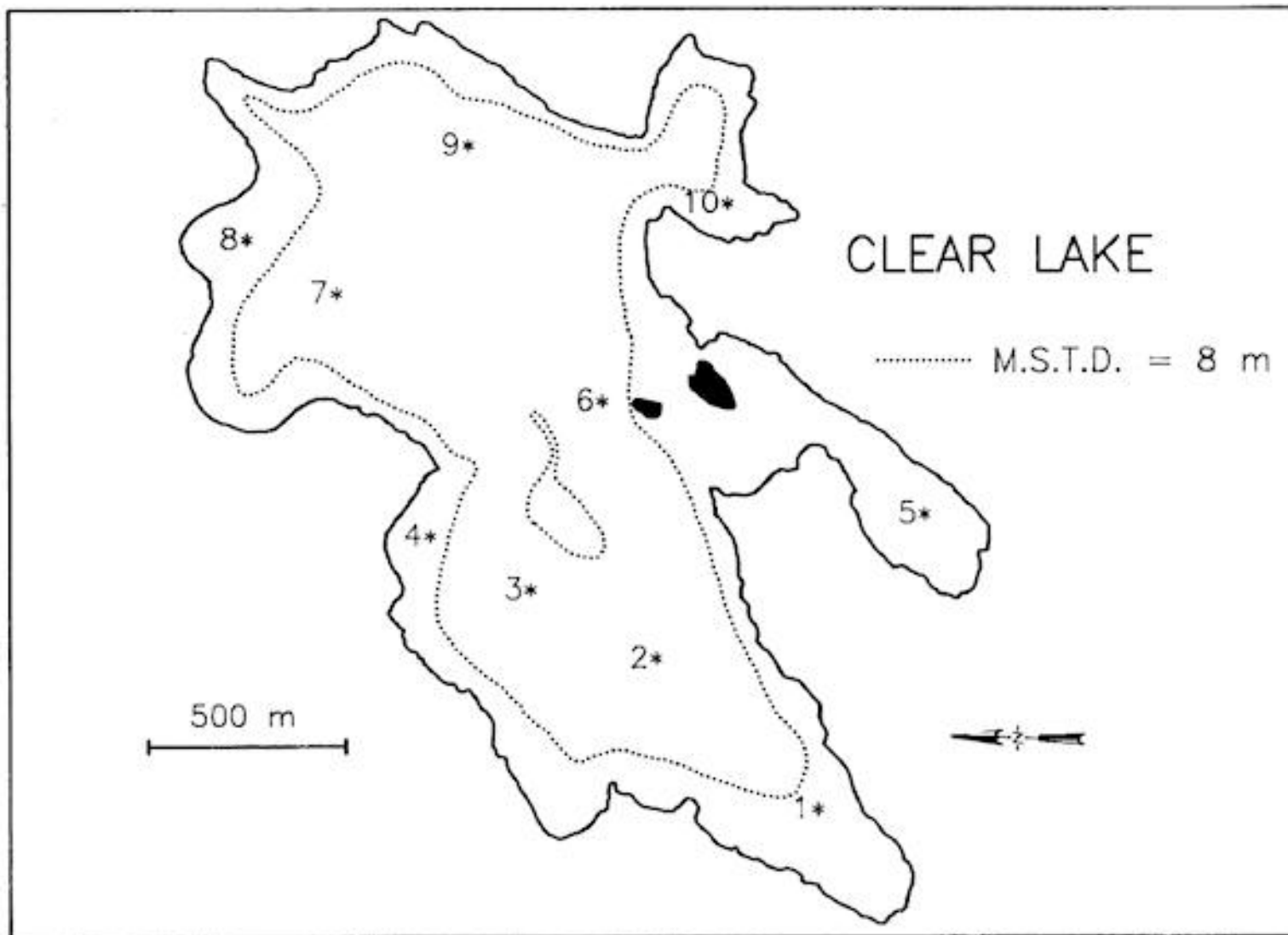


Figure 6. Sampling sites on Clear Lake.

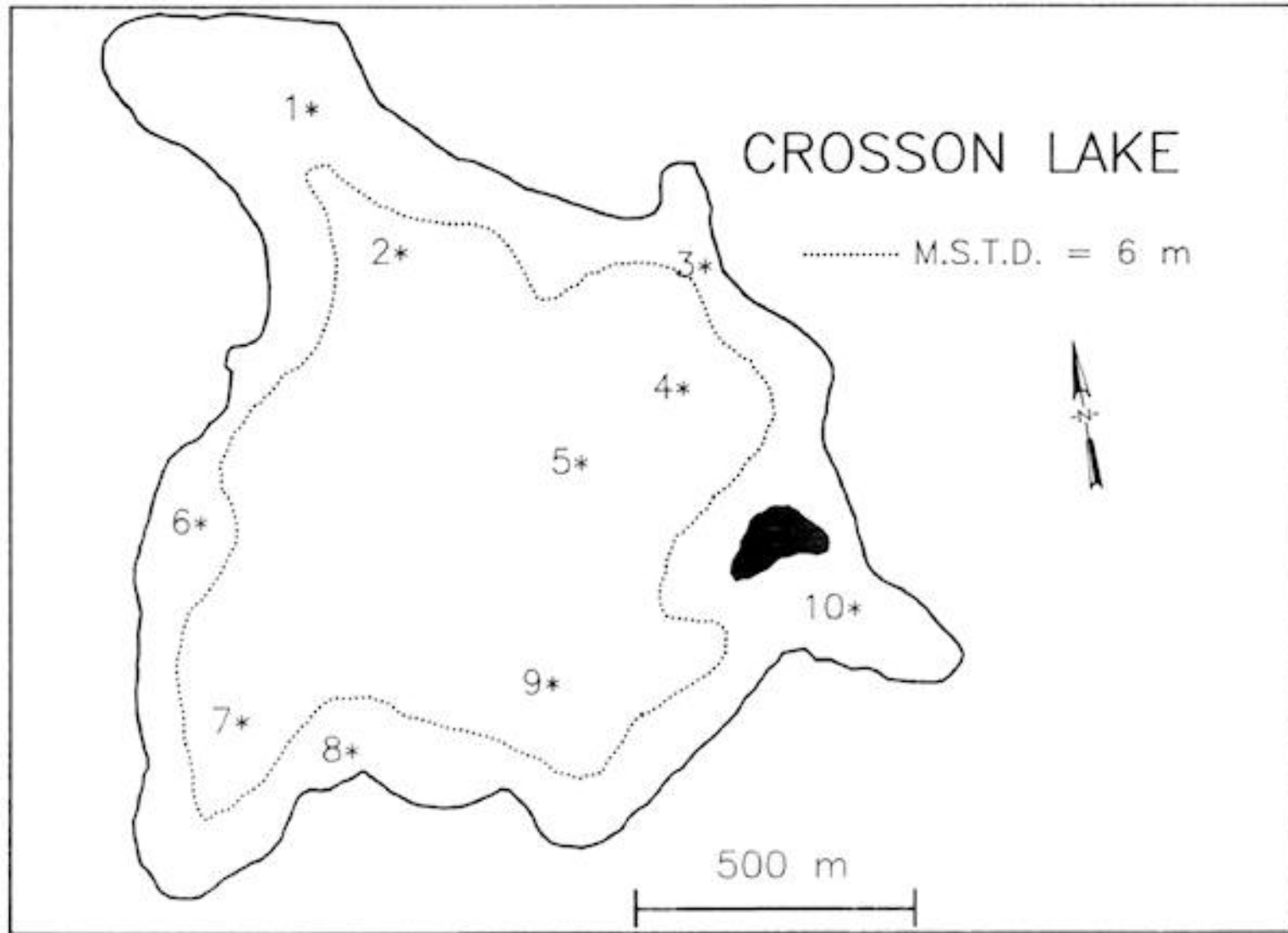


Figure 7. Sampling sites on Crosson Lake.

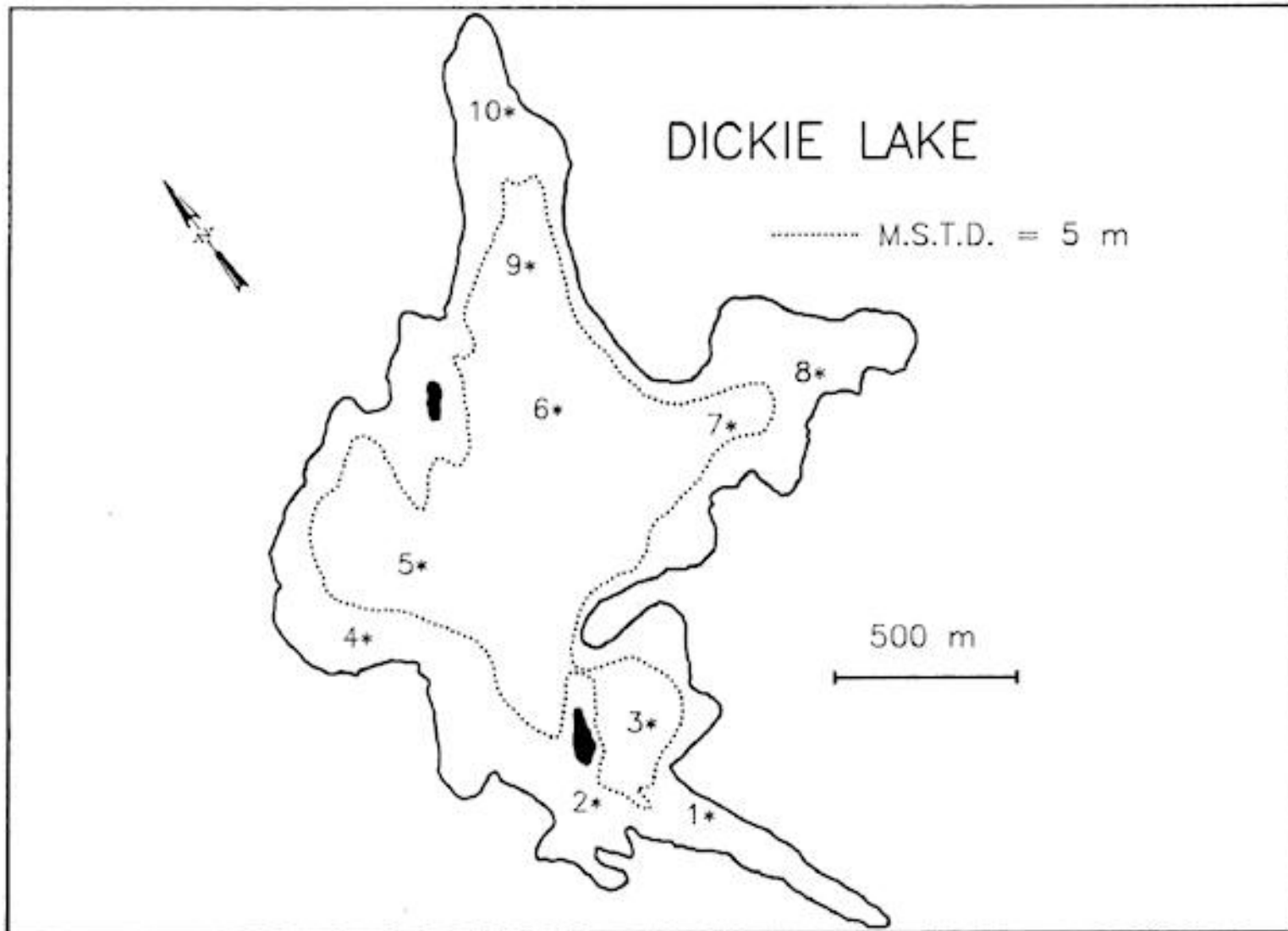


Figure 8. Sampling sites on Dickie Lake.

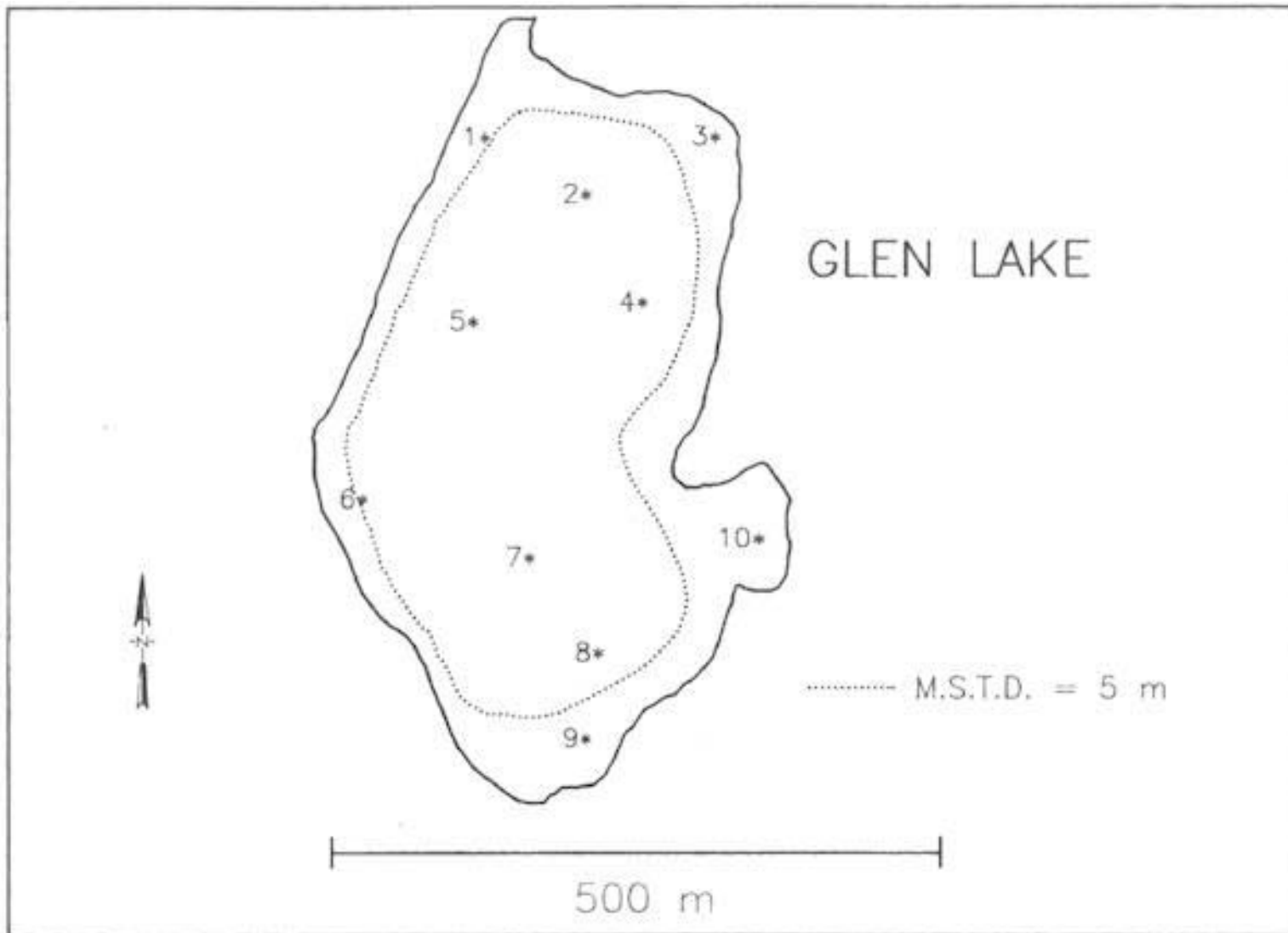


Figure 9. Sampling sites on Glen Lake.

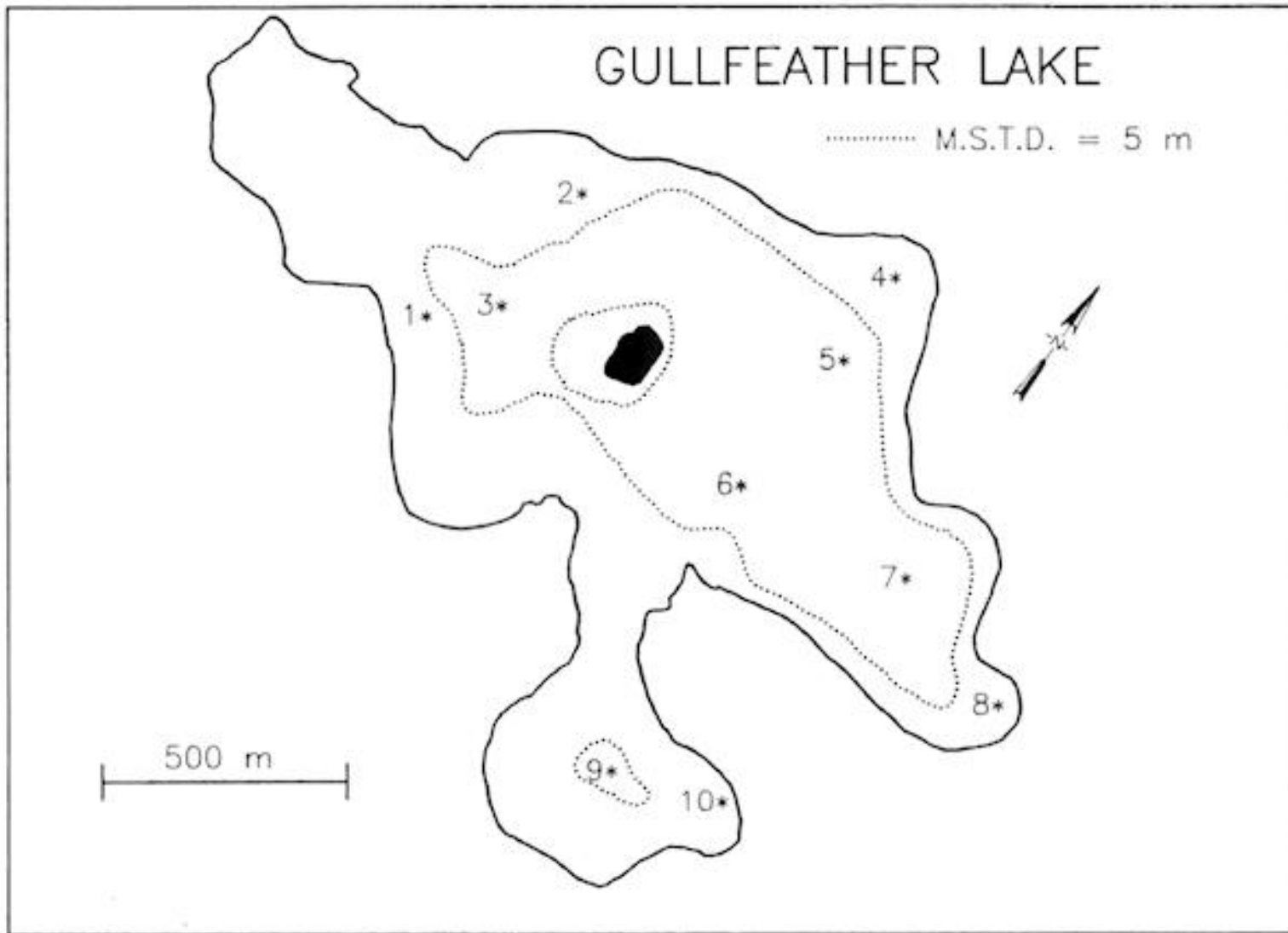


Figure 10. Sampling sites on Gullfeather Lake.

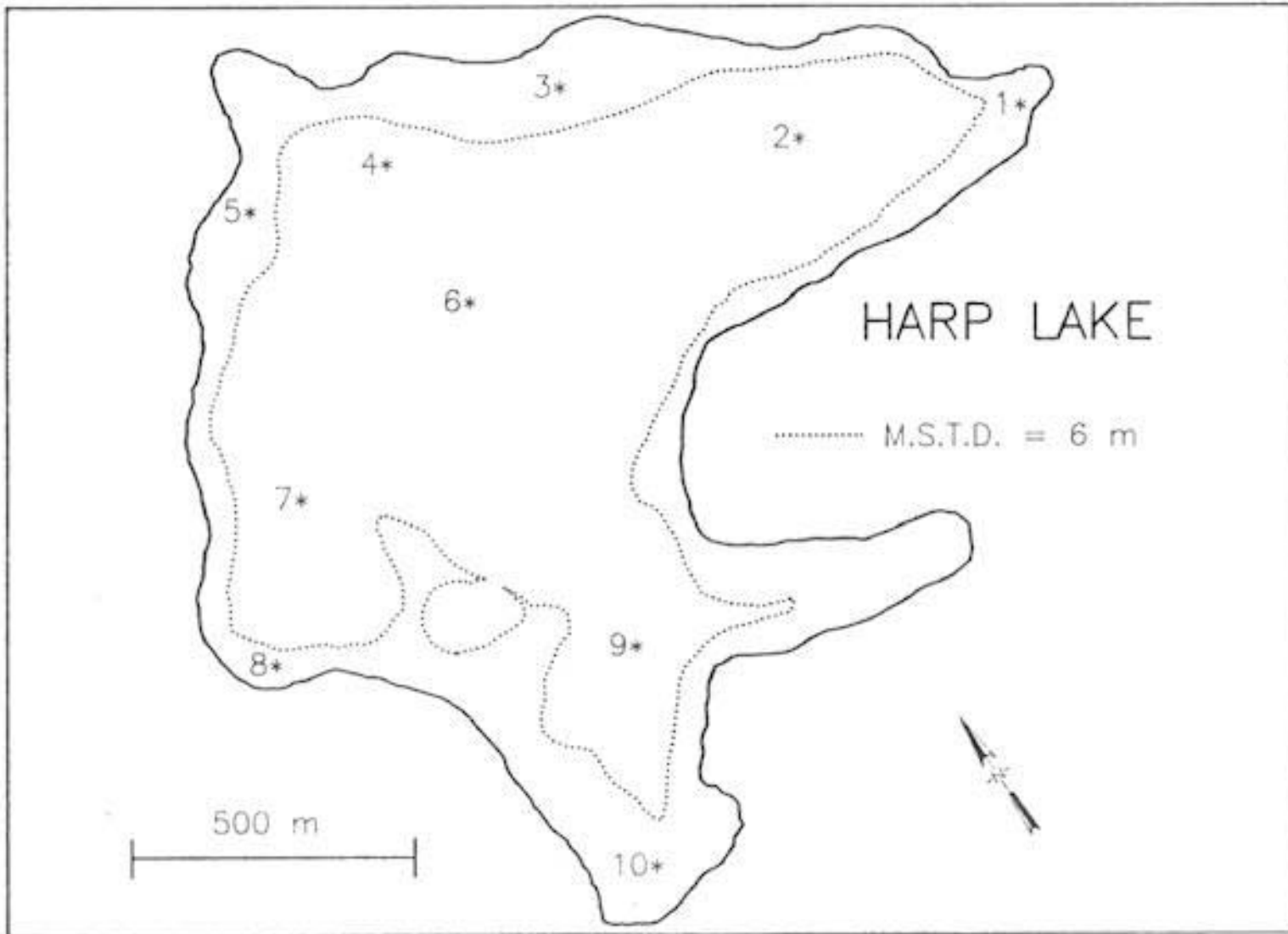


Figure 11. Sampling sites on Harp Lake.

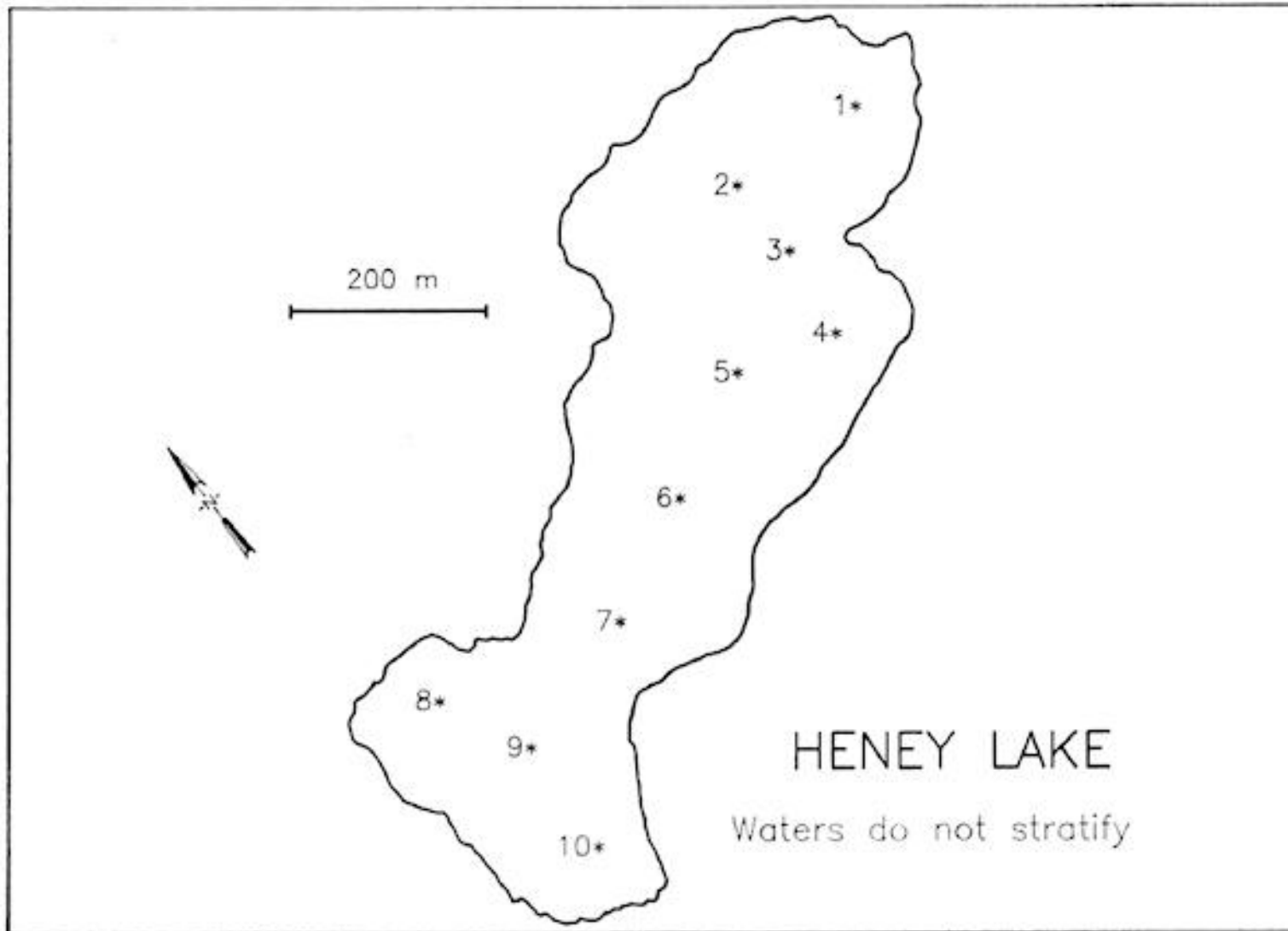


Figure 12. Sampling sites on Heney Lake.

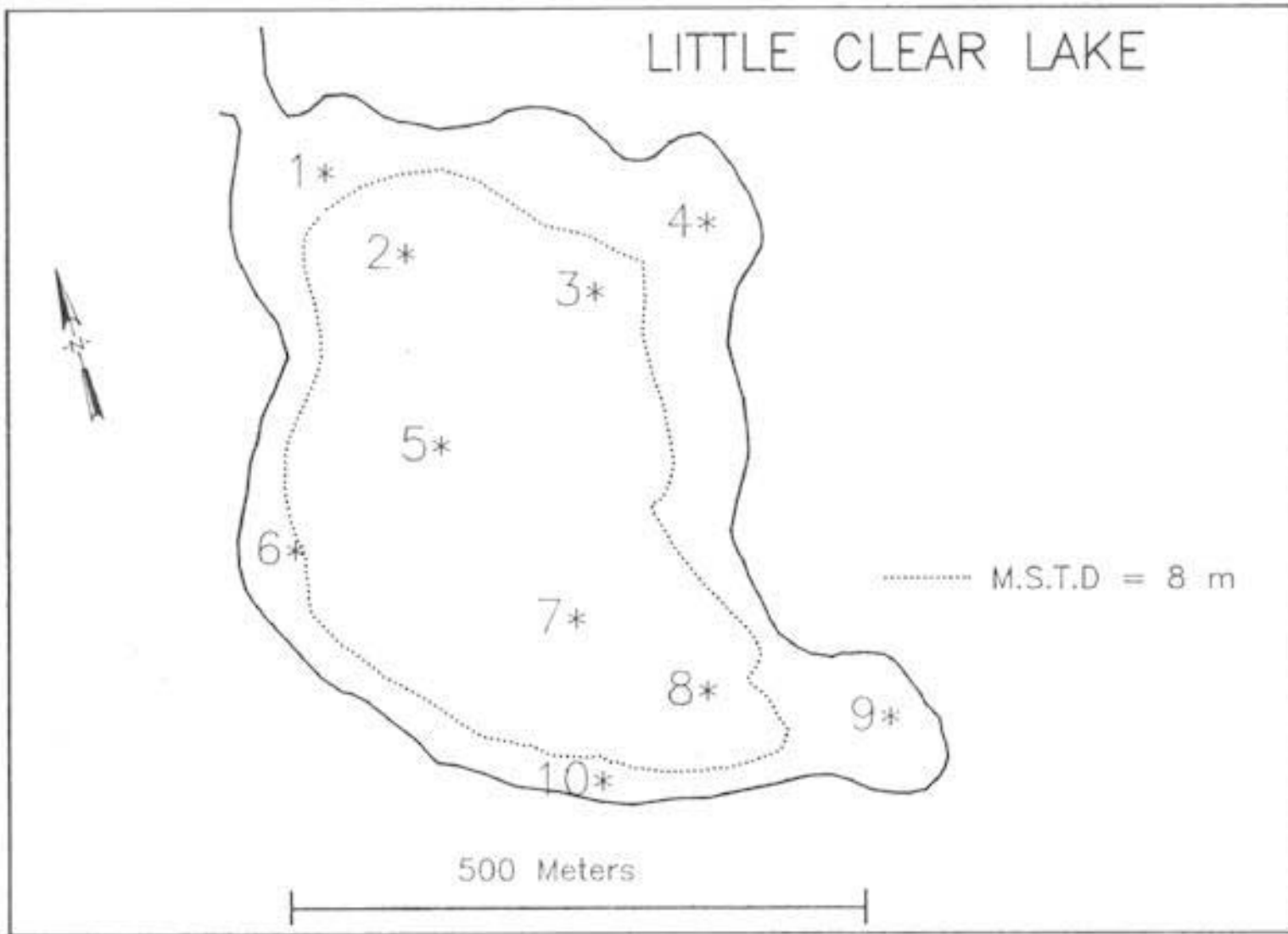


Figure 13. Sampling sites on Little Clear Lake.

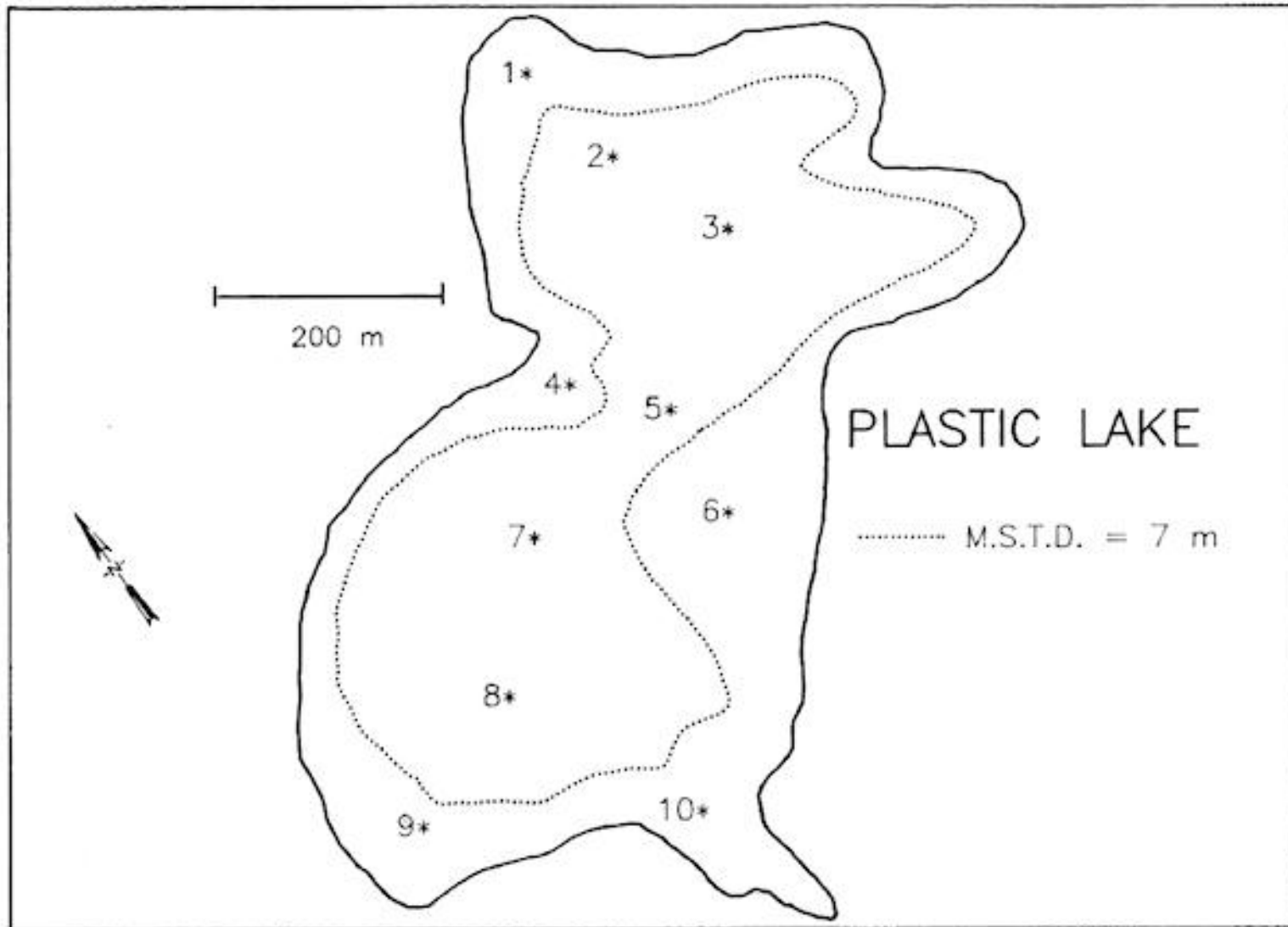


Figure 14. Sampling sites on Plastic Lake.

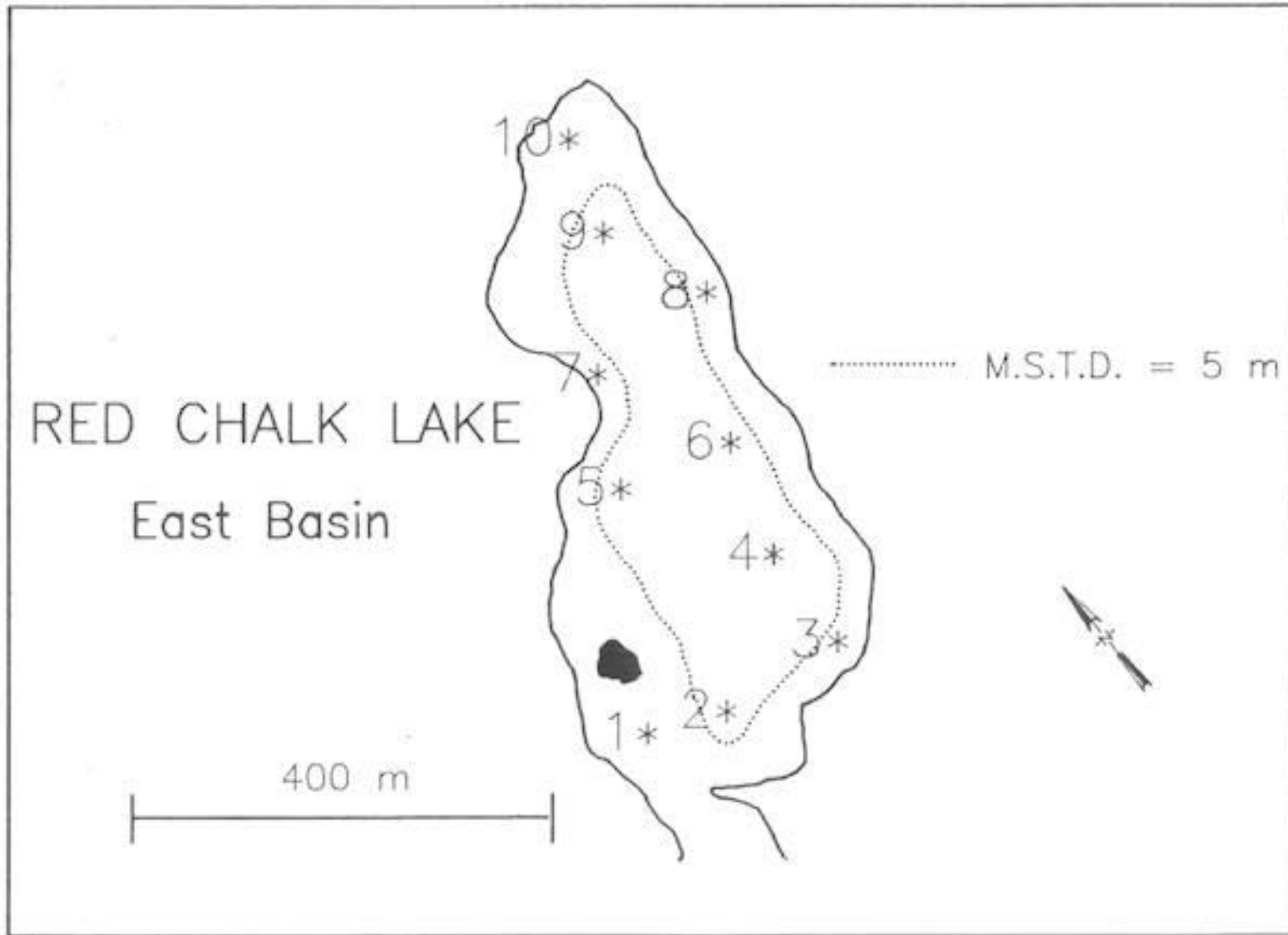


Figure 15. Sampling sites on Red Chalk Lake — east basin.

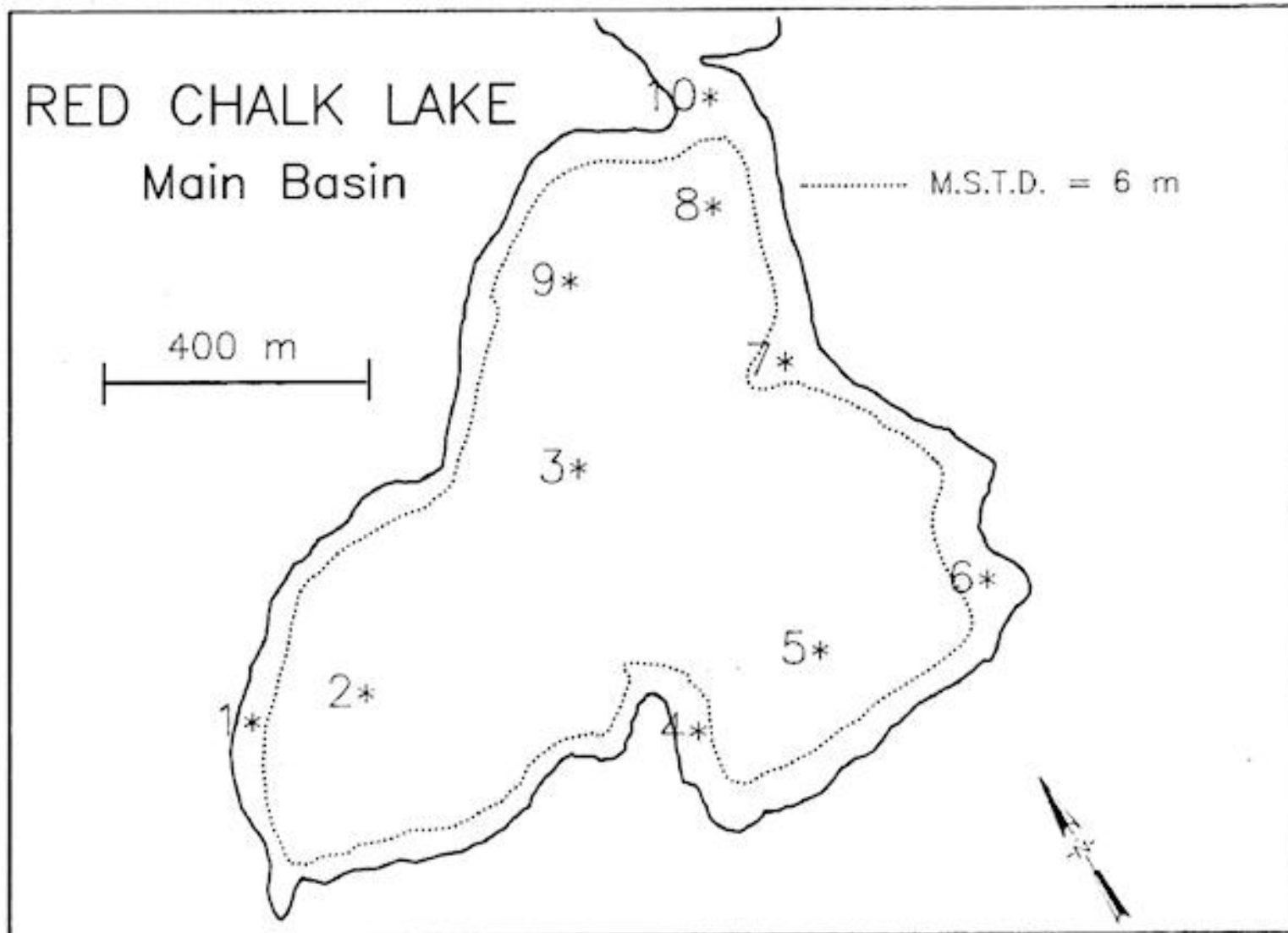


Figure 16. Sampling sites on Red Chalk Lake - main basin.

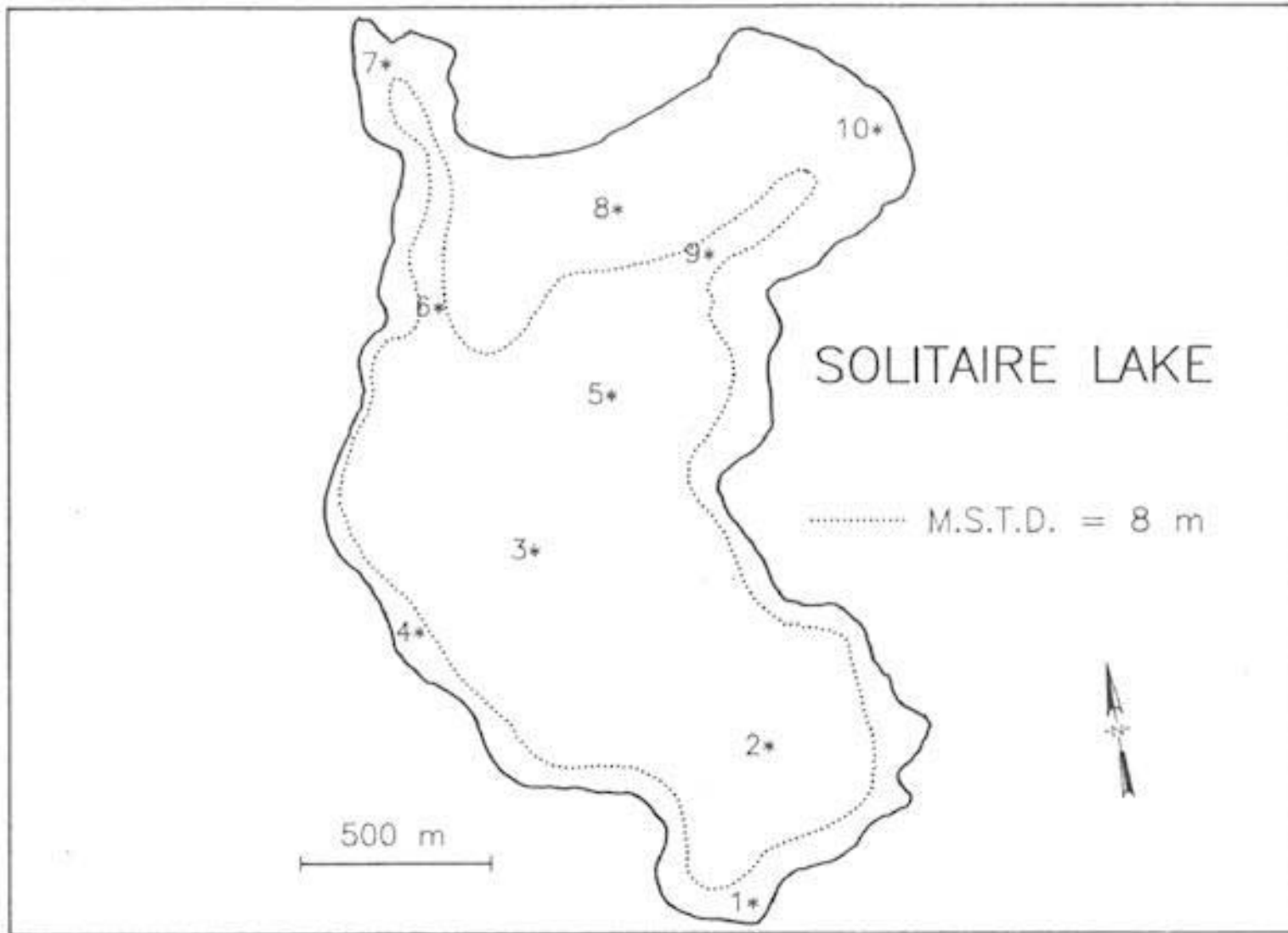


Figure 17. Sampling sites on Solitaire Lake.

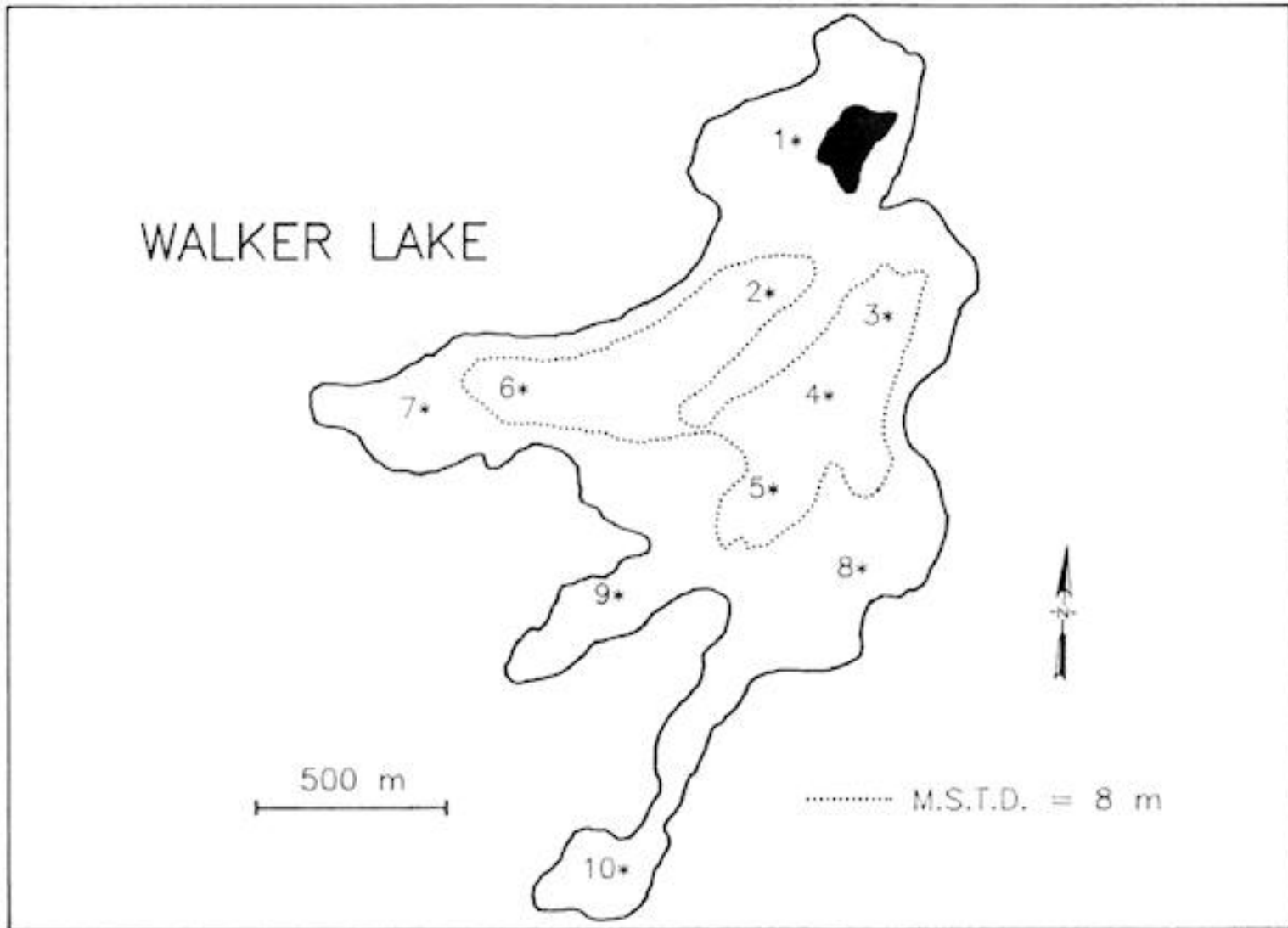


Figure 18. Sampling sites on Walker Lake.

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth(m)		Sample Volume (m ³)	
Basshaunt	86/10/30				19:23	1	8.5				6.5		0.76	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	4	0	0	0	32	0	0	0	0		
Mean Length (mm)	0	0	0	9.00	0	0	0	11.45	0	0	0	0		
Stan. Dev.	0	0	0	0.67	0	0	0	0.94	0	0	0	0		
Num. Measured	0	0	0	4	0	0	0	31	0	0	0	0		
Mean Weight (µg/org)	0	0	0	219.00	0	0	0	267.59	0	0	0	0		
Density (#/m ³)	0	0	0	7.56	0	0	0	60.46	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.65	0	0	0	16.18	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth(m)				Sample Depth (m)		Sample Volume (m ³)	
Basshaunt	86/10/30				19:19	2	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	1	13	0	0	0	0		
Mean Length (mm)	0	0	0	10.16	0	0	7.52	11.27	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	1.12	0	0	0	0		
Num. Measured	0	0	0	1	0	0	1	13	0	0	0	0		
Mean Weight (µg/org)	0	0	0	327.27	0	0	57.74	262.75	0	0	0	0		
Density (#/m ³)	0	0	0	4.09	0	0	4.09	53.21	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.34	0	0	0.24	13.98	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth(m)				Sample Depth(m)		Sample Volume(m3)	
Basshaunt	86/10/30				19:11	3	18.8				16.8		1.95	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	1	23	14	0	0	1	36	0	0	0	0		
Mean Length (mm)	0	4.08	6.16	9.77	0	0	6.96	11.60	0	0	0	0		
Stan. Dev.	0	0	0.42	0.58	0	0	0	0.80	0	0	0	0		
Num. Measured	0	1	23	14	0	0	1	30	0	0	0	0		
Mean Weight (µg/org)	0	18.56	73.44	287.46	0	0	48.56	271.64	0	0	0	0		
Density (#/m ³)	0	0.73	16.81	10.23	0	0	0.73	26.31	0	0	0	0		
Biomass (mg/m ³)	0	0.01	1.23	2.94	0	0	0.04	7.15	0	0	0	0		

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Basshaunt	86/10/30	18:48	4	19.5	17.5	2.04						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	2	19	7	0	0	3	36	0	0	0	0
Mean Length (mm)	0	3.04	6.12	8.88	0	0	7.56	11.79	0	0	0	0
Stan. Dev.	0	0	0.32	0.81	0	0	1.19	0.69	0	0	0	0
Num. Measured	0	2	18	7	0	0	2	28	0	0	0	0
Mean Weight (µg/org)	0	14.69	72.43	209.48	0	0	58.43	276.77	0	0	0	0
Density (#/m ³)	0	1.40	13.33	4.91	0	0	2.11	25.26	0	0	0	0
Biomass (mg/m ³)	0	0.02	0.97	1.03	0	0	0.12	6.99	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Basshaunt	86/10/30	18:43	5	6.0	4.0	0.47						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	0	0	0	3	5	0	0	0	0
Mean Length (mm)	0	0	6.00	0	0	0	5.96	11.62	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	1.30	0.76	0	0	0	0
Num. Measured	0	0	1	0	0	0	2	5	0	0	0	0
Mean Weight (µg/org)	0	0	69.46	0	0	0	34.31	272.17	0	0	0	0
Density (#/m ³)	0	0	3.07	0	0	0	9.21	15.35	0	0	0	0
Biomass (mg/m ³)	0	0	0.21	0	0	0	0.32	4.18	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Basshaunt	86/10/30	18:15	6	3.5	2.5	0.29						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	0	0	0	0	1	0	0	0	0
Mean Length (mm)	0	0	0	0	0	0	0	MV	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	MV	0	0	0	0
Num. Measured	0	0	0	0	0	0	0	MV	0	0	0	0
Mean Weight (µg/org)	0	0	0	0	0	0	0	MV	0	0	0	0
Density (#/m ³)	0	0	0	0	0	0	0	4.91	0	0	0	0
Biomass (mg/m ³)	0	0	0	0	0	0	0	MV	0	0	0	0

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Basshaunt	86/10/30				18:33	7	5.8				4.0		0.47
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2 nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Basshaunt	86/10/30				18:28	8	10.0				8.0		0.93
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	3	2	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	7.23	11.88	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0.46	0.96	0	0	0	0	
Num. Measured	0	0	0	0	0	0	3	2	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	52.88	279.20	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	4.61	3.07	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0.24	0.86	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Basshaunt	86/10/30				18:24	9	6.0				4.0		0.47
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	1	0	0	2	0	0	0	0	0	
Mean Length (mm)	0	0	0	9.44	0	0	7.76	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	1.13	0	0	0	0	0	
Num. Measured	0	0	0	1	0	0	2	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	256.53	0	0	61.95	0	0	0	0	0	
Density (#/m ³)	0	0	0	3.07	0	0	6.14	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0.79	0	0	0.38	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth(m)				Sample Depth (m)		Sample Volume (m ³)
Basshaunt	86/10/30				18:59	10	4.0				2.0		0.23
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	0	2	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	0	13.20	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	0	0	0	0	1	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	0	315.23	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	0	12.28	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0	3.87	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth(m)				Sample Depth (m)		Sample Volume (m ³)
Bigwind	86/11/04				19:55	1	6.0				4.0		0.47
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth(m)				Sample Depth (m)		Sample Volume (m ³)
Bigwind	86/11/04				19:45	2	14.0				12.0		1.40
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	7	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	9.02	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0.92	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	4	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	220.62	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	7.16	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	1.58	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth(m)		Sample Volume (m ³)	
Bigwind	86/11/04				19:35	3	5.5				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	10.32	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	344.66	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	3.51	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.21	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Bigwind	86/11/04				19:40	4	14.5				12.5		1.45	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	11	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.77	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.47	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	7	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	287.46	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	10.81	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	3.11	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Bigwind	86/11/04				19:25	5	7.0				5.0		0.58	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Bigwind	86/11/04				19:15	6	32.0				28.0		3.26	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	6	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.20	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.62	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	6	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	235.55	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	2.63	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.62	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Bigwind	86/11/04				18:35	7	34.0				28.0		3.26	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	12	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	7.28	9.43	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.50	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	11	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	104.55	255.63	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0.44	5.26	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0.05	1.53	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Bigwind	86/11/04				18:50	8	9.0				7.0		0.81	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Bigwind	86/11/04				18:25	9	14.0				12.0		1.40	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	3	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.57	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.53	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	3	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	268.42	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	3.07	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.82	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Bigwind	86/11/04				18:25	10	7.5				5.5		0.64	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth(m)		Sample Volume (m ³)	
Blue Chalk	86/10/16				20:37	1	7.0				4.0		0.47	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Blue Chalk	86/10/16				20:30	2	7.5				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Blue Chalk	86/10/16				20:20	3	8.5				5.5		0.64	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Blue Chalk	86/10/16				20:10	4	7.5				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Blue Chalk	86/10/16				20:00	5	8.0				5.0		0.58
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	1	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	8.96	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	215.79	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	2.46	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0.53	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Blue Chalk	86/10/16				19:50	6	6.0				3.0		0.35
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Blue Chalk	86/10/16				19:20	7	20.0				17.0		1.98
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	51	0	0	0	1	0	0	0	0	
Mean Length (mm)	0	0	0	9.24	0	0	0	11.04	0	0	0	0	
Stan. Dev.	0	0	0	0.67	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	30	0	0	0	1	0	0	0	0	
Mean Weight (µg/org)	0	0	0	238.96	0	0	0	256.59	0	0	0	0	
Density (#/m ³)	0	0	0	36.84	0	0	0	0.72	0	0	0	0	
Biomass (mg/m ³)	0	0	0	8.80	0	0	0	0.19	0	0	0	0	

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Blue Chalk	86/10/16	19:40	8	8.0	5.0	0.58						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	3	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	9.15	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0.17	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	3	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	231.33	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	7.37	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	1.70	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Depth Station (m)	Depth Sample (m)	Volume Sample (m ³)						
Blue Chalk	86/10/16	20:44	9	5.5	2.5	0.29						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	2	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	6.24	8.56	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0.23	0	0	0	0	0	0	0	0
Num. Measured	0	0	1	2	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	75.47	185.49	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	4.91	9.82	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0.08	1.82	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Blue Chalk	86/10/16	20:50	10	11.0	8.0	0.93						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	0	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				20:47	1	6.5				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				20:42	2	16.0				14.0		1.63	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	0	0	0	0	0	0	1	0	0		
Mean Length (mm)	0	0	5.84	0	0	0	0	0	0	5.04	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	0	0	0	0	0	0	1	0	0		
Mean Weight (µg/org)	0	0	65.60	0	0	0	0	0	0	30.22	0	0		
Density (#/m ³)	0	0	0.88	0	0	0	0	0	0	0.88	0	0		
Biomass (mg/m ³)	0	0	0.06	0	0	0	0	0	0	0.03	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				20:35	3	17.0				15.0		1.74	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	2	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	12.52	0	0	0	13.68		
Stan. Dev.	0	0	0	0	0	0	0	0.28	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	2	0	0	0	1		
Mean Weight (µg/org)	0	0	0	0	0	0	0	296.60	0	0	0	993.76		
Density (#/m ³)	0	0	0	0	0	0	0	1.64	0	0	0	0.82		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0.49	0	0	0	0.81		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				20:18	4	26.8				25.0		2.91	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	0	0	0	0	1	0	0	1	0		
Mean Length (mm)	0	0	5.36	0	0	0	0	12.24	0	0	9.44	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	0	0	0	0	1	0	0	1	0		
Mean Weight (µg/org)	0	0	54.72	0	0	0	0	288.97	0	0	200.36	0		
Density (#/m ³)	0	0	0.49	0	0	0	0	0.49	0	0	0.49	0		
Biomass (mg/m ³)	0	0	0.03	0	0	0	0	0.14	0	0	0.10	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				20:11	5	9.8				8.0		0.93	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				20:02	6	4.5				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				19:47	7	8.5				7.0		0.81	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	1	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	7.36	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	1	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	104.27	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	1.75	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0.18	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				19:55	8	5.0				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0.	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				19:44	9	6.0				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Buck	86/10/22				20:28	10	7.0				5.5		0.64	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Chub	86/10/27				18:00	1	4.8				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Chub	86/10/27				18:10	2	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	4	0	0	1	2	0	0	0	0		
Mean Length (mm)	0	0	5.32	9.60	0	0	6.08	10.04	0	0	0	0		
Stan. Dev.	0	0	0	0.20	0	0	0	2.43	0	0	0	0		
Num. Measured	0	0	1	4	0	0	1	2	0	0	0	0		
Mean Weight (µg/org)	0	0	53.86	271.22	0	0	35.88	230.01	0	0	0	0		
Density (#/m ³)	0	0	4.09	16.37	0	0	4.09	8.19	0	0	0	0		
Biomass (mg/m ³)	0	0	0.22	4.44	0	0	0.15	1.88	0	0	0	0		

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Chub	86/10/27	18:15	3	10.5	9.0	1.05						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	18	0	0	1	10	41	0	0	0
Mean Length (mm)	0	0	8.56	9.41	0	0	6.72	12.12	3.41	0	0	0
Stan. Dev.	0	0	0	0.35	0	0	0	0.93	0.33	0	0	0
Num. Measured	0	0	1	18	0	0	1	9	30	0	0	0
Mean Weight (µg/org)	0	0	271.22	253.84	0	0	44.89	285.71	14.86	0	0	0
Density (#/m ³)	0	0	1.36	24.56	0	0	1.36	13.64	55.94	0	0	0
Biomass (mg/m ³)	0	0	0.20	6.23	0	0	0.06	3.90	0.83	0	0	0

Lake	Date	Time	Station Number	Depth Station (m)	Sample Depth (m)	Sample Volume (m ³)						
Chub	86/10/27	18:20	4	18.0	16.0	1.86						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	30	0	0	1	26	218	1	1	0
Mean Length (mm)	0	0	0	8.98	0	0	6.72	11.07	3.43	4.56	8.32	0
Stan. Dev.	0	0	0	0.43	0	0	0	1.00	0.23	0	0	0
Num. Measured	0	0	0	28.00	0	0	1	25	26	1	1	0
Mean Weight (µg/org)	0	0	0	217.40	0	0	44.89	257.39	15.12	22.85	143.84	0
Density (#/m ³)	0	0	0	23.02	0	0	0.77	19.95	167.32	0.77	0.77	0
Biomass (mg/m ³)	0	0	0	5.01	0	0	0.03	5.14	2.53	0.02	0.11	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Chub	86/10/27	18:27	5	23.8	22.0	2.56						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	62	0	0	0	28	161	0	0	3
Mean Length (mm)	0	0	0	9.25	0	0	0	11.79	3.45	0	0	13.93
Stan. Dev.	0	0	0	0.27	0	0	0	0.73	0.21	0	0	1.04
Num. Measured	0	0	0	30	0	0	0	28	25	0	0	3
Mean Weight (µg/org)	0	0	0	239.82	0	0	0	276.77	15.38	0	0	1080.85
Density (#/m ³)	0	0	0	34.61	0	0	0	15.63	89.87	0	0	1.67
Biomass (mg/m ³)	0	0	0	8.30	0	0	0	4.33	1.38	0	0	1.81

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Chub	86/10/27				18:35	6	6.5				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	6	0	0	0	0	1	0	0	0		
Mean Length (mm)	0	0	0	9.39	0	0	0	0	3.12	0	0	0		
Stan. Dev.	0	0	0	0.38	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	6	0	0	0	0	1	0	0	0		
Mean Weight (µg/org)	0	0	0	252.05	0	0	0	0	11.42	0	0	0		
Density (#/m ³)	0	0	0	16.37	0	0	0	0	2.73	0	0	0		
Biomass (mg/m ³)	0	0	0	4.13	0	0	0	0	0.03	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Chub	86/10/27				18:44	7	19.5				18.0		2.09	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	55	0	0	0	18	100	0	0	0		
Mean Length (mm)	0	0	8.56	9.29	0	0	0	10.93	3.40	0	0	0		
Stan. Dev.	0	0	0	0.53	0	0	0	1.21	0.31	0	0	0		
Num. Measured	0	0	1	19	0	0	0	14	29	0	0	0		
Mean Weight (µg/org)	0	0	147.24	243.27	0	0	0	253.64	14.73	0	0	0		
Density (#/m ³)	0	0	0.68	37.52	0	0	0	12.28	68.22	0	0	0		
Biomass (mg/m ³)	0	0	0.10	9.13	0	0	0	3.11	1.01	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Chub	86/10/27				18:56	8	4.3				2.5		0.29	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	9	0	0	1	0	0	0	0	0		
Mean Length (mm)	0	0	0	8.91	0	0	6.88	0	0	0	0	0		
Stan. Dev.	0	0	0	0.55	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	9	0	0	1	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	211.83	0	0	47.32	0	0	0	0	0		
Density (#/m ³)	0	0	0	44.21	0	0	4.91	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	9.36	0	0	0.23	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Chub	86/10/27				19:03	9	17.5				15.5		1.80	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	23	0	0	0	18	121	0	0	0		
Mean Length (mm)	0	0	0	9.29	0	0	0	11.00	3.49	0	0	0		
Stan. Dev.	0	0	0	0.40	0	0	0	1.32	0.26	0	0	0		
Num. Measured	0	0	0	18	0	0	0	18	30	0	0	0		
Mean Weight (µg/org)	0	0	0	243.27	0	0	0	255.52	15.92	0	0	0		
Density (#/m ³)	0	0	0	18.22	0	0	0	14.26	96.66	0	0	0		
Biomass (mg/m ³)	0	0	0	4.43	0	0	0	3.64	1.54	0	0	0		

Lake	Date				Time	Station Number	Depth Station (m)				Sample Depth (m)		Volume Sample (m ³)	
Chub	86/10/27				19:12	10	5.0				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	8	0	0	2	3	3	0	0	0		
Mean Length (mm)	0	0	0	9.66	0	0	7.00	10.68	3.36	0	0	0		
Stan. Dev.	0	0	0	0.74	0	0	0.06	0.51	0	0	0	0		
Num. Measured	0	0	0	4	0	0	2	2	1	0	0	0		
Mean Weight (µg/org)	0	0	0	276.88	0	0	49.18	246.97	14.22	0	0	0		
Density (#/m ³)	0	0	0	28.07	0	0	7.02	10.53	10.53	0	0	0		
Biomass (mg/m ³)	0	0	0	7.77	0	0	0.35	2.60	0.15	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Clear	86/10/23				21:03	1	6.3				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Clear	86/10/23	20:56	2	15.5	13.0	1.51						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	5	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	7.52	9.62	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0.41	0	0	0	0	0	0	0	0
Num. Measured	0	0	1	5	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	111.97	273.10	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0.94	4.72	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0.11	1.29	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Clear	86/10/23	21:09	3	9.3	7.5	0.87						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	1	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	9.84	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	294.35	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	1.64	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	0.48	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Clear	86/10/23	21:17	4	7.0	5.0	0.58						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	0	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Clear	86/10/23	21:24	5	7.6	5.5	0.64						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	34	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	9.30	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0.52	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	27	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	244.14	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	75.91	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	18.53	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Clear	86/10/23	20:41	6	19.0	16.0	1.86						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	55	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	9.76	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0.43	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	30	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	286.49	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	42.21	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	12.09	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Clear	86/10/23	20:23	7	21.0	18.0	2.09						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	41	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	9.63	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0.68	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	30	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	274.04	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	27.97	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	7.67	0	0	0	0	0	0	0	0

Lake	Date				Time	Station Number	Station Depth(in)				Sample Depth (m)		Sample Volume (m ³)	
Clear	86/10/23				20:29	8	9.8				7.5		0.87	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
	Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number		0	0	0	3	0	0	0	0	0	0	0	0	
Mean Length (mm)		0	0	0	9.65	0	0	0	0	0	0	0	0	
Stan. Dev.		0	0	0	0.18	0	0	0	0	0	0	0	0	
Num. Measured		0	0	0	3	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)		0	0	0	275.93	0	0	0	0	0	0	0	0	
Density (#/m ³)		0	0	0	4.91	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)		0	0	0	1.36	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Clear	86/10/23				20:10	9	30.0				25.0		2.91	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
	Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number		0	0	0	32	0	0	0	0	0	0	0	0	
Mean Length (mm)		0	0	0	9.63	0	0	0	0	0	0	0	0	
Stan. Dev.		0	0	0	0.20	0	0	0	0	0	0	0	0	
Num. Measured		0	0	0	30	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)		0	0	0	274.04	0	0	0	0	0	0	0	0	
Density (#/m ³)		0	0	0	15.72	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)		0	0	0	4.31	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Clear	86/10/23				20:35	10	7.0				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
	Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number		0	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)		0	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.		0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured		0	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)		0	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)		0	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)		0	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				20:45	1	5.5				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				20:50	2	11.3				9.3		1.08	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	2	0	1	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.00	0	8.24	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.06	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	2	0	1	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	219.00		100.48	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	2.66	0	1.33	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.58	0	0.13	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				20:58	3	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	1	0	0	0	0		
Mean Length (mm)	0	0	0	9.44	0	0	0	13.44	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	1	0	0	0	0		
Mean Weight (µg/org)	0	0	0	256.53	0	0		321.84	0	0	0	0		
Density (#/m ³)	0	0	0	4.09	0	0	0	4.09	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.05	0	0	0	1.32	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				21:04	4	15.0				13.0		1.51	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	5	0	0	0	24	0	0	0	0		
Mean Length (mm)	0	0	0	9.52	0	0	0	11.17	0	0	0	0		
Stan. Dev.	0	0	0	0.28	0	0	0	0.97	0	0	0	0		
Num. Measured	0	0	0	4	0	0	0	23	0	0	0	0		
Mean Weight (µg/org)	0	0	0	263.80	0	0	0	260.07	0	0	0	0		
Density (#/m ³)	0	0	0	4.72	0	0	0	22.67	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.25	0	0	0	5.90	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				21:14	5	19.8				18.0		2.09	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	00	00	5	0	0	0	8	0	0	0	0		
Mean Length (mm)	0	00	00	9.10	0	0	0	10.84	0	0	0	0		
Stan. Dev.	0	00	00	0.49	0	0	0	0.67	0	0	0	0		
Num. Measured	0	00	00	5	0	0	0	8	0	0	0	0		
Mean Weight (µg/org)	0	00	00	227.17	0	0	0	251.24	0	0	0	0		
Density (#/m ³)	0	00	00	3.41	0	0	0	5.46	0	0	0	0		
Biomass (mg/m ³)	0	00	00	0.77	0	0	0	1.37	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				21:29	6	5.8				3.8		0.44	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	2	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	9.76	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0.11	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	2	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	222.63	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	6.55	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	1.46	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				21:24	7	11.0				9.0		1.05	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	3	0	0	0	0		
Mean Length (mm)	0	0	0	10.00	0	0	0	11.25	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0.30	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	3	0	0	0	0		
Mean Weight (µg/org)	0	0	0	310.50	0	0	0	262.22	0	0	0	0		
Density (#/m ³)	0	0	0	1.36	0	0	0	4.09	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.42	0	0	0	1.07	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				21:36	8	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				21:41	9	9.0				7.0		0.81	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	1	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	8.40	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	1	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	73.98	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	1.75	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0.13	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Crosson	86/10/29				21:48	10	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Dickie	86/10/21				20:50	1	4.0				2.5		0.29	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Dickie	86/10/21				20:57	2	6.0				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	2	1	0	0	1	0	0	0	0		
Mean Length (mm)	0	0	5.68	8.16	4.32	0	0	11.68	0	0	0	0		
Stan. Dev.	0	0	0	0.57	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	2	1	0	0	1	0	0	0	0		
Mean Weight (µg/org)	0	0	61.86	158.29	19.49	0	0	273.79	0	0	0	0		
Density (#/m ³)	0	0	3.51	7.02	3.51	0	0	3.51	0	0	0	0		
Biomass (mg/m ³)	0	0	0.22	1.11	0.07	0	0	0.96	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Dickie	86/10/21				21:03	3	10.0				8.0		0.93
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	8	46	0	2	0	8	0	0	0	0	
Mean Length (mm)	0	0	5.45	9.40	0	6.76	0	10.67	0	0	0	0	
Stan. Dev.	0	0	0.47	0.40	0	0.06	0	0.82	0	0	0	0	
Num. Measured	0	0	7	27	0	2	0	8	0	0	0	0	
Mean Weight (µg/org)	0	0	56.69	252.95	0	58.52	0	246.71	0	0	0	0	
Density (#/m ³)	0	0	12.28	70.61	0	3.07	0	12.28	0	0	0	0	
Biomass (mg/m ³)	0	0	0.70	17.86	0	0.18	0	3.03	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Dickie	86/10/21				21:13	4	4.3				2.5		0.29
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	1	1	0	0	0	1	0	0	0	0	
Mean Length (mm)	0	0	5.92	9.68	0	0	0	10.00	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	1	1	0	0	0	1	0	0	0	0	
Mean Weight (µg/org)	0	0	67.52	278.78	0	0	0	228.95	0	0	0	0	
Density (#/m ³)	0	0	4.91	4.91	0	0	0	4.91	0	0	0	0	
Biomass (mg/m ³)	0	0	0.33	1.37	0	0	0	1.12	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Dickie	86/10/21				21:18	5	7.0				5.0		0.58
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	2	35	0	0	0	15	0	0	0	0	
Mean Length (mm)	0	0	4.76	9.25	0	0	0	10.41	0	0	0	0	
Stan. Dev.	0	0	0.40	0.29	0	0	0	0.63	0	0	0	0	
Num. Measured	0	0	2	27	0	0	0	15	0	0	0	0	
Mean Weight (µg/org)	0	0	42.58	239.82	0	0	0	239.80	0	0	0	0	
Density (#/m ³)	0	0	4.91	85.96	0	0	0	36.84	0	0	0	0	
Biomass (mg/m ³)	0	0	0.21	20.61	0	0	0	8.83	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Dickie	86/10/21				21:26	6	9.5				8.0		0.93
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	5	38	0	0	0	19	0	0	0	0	
Mean Length (mm)	0	0	5.46	9.29	0	0	0	10.45	0	0	0	0	
Stan. Dev.	0	0	0.21	0.44	0	0	0	0.53	0	0	0	0	
Num. Measured	0	0	5	28	0	0	0	19	0	0	0	0	
Mean Weight (µg/org)	0	0	56.91	243.27	0	0	0	240.86	0	0	0	0	
Density (#/m ³)	0	0	7.68	58.33	0	0	0	29.16	0	0	0	0	
Biomass (mg/m ³)	0	0	0.44	14.19	0	0	0	7.02	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Dickie	86/10/21				21:32	7	7.0				5.0		0.58
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	2	5	0	0	0	2	0	0	0	0		
Mean Length (mm)	0	5.92	9.17	0	0	0	10.60	0	0	0	0		
Stan. Dev.	0	0.23	0.39	0	0	0	0.17	0	0	0	0		
Num. Measured	0	2	5	0	0	0	2	0	0	0	0		
Mean Weight (µg/org)	0	67.52	233.01	0	0	0	244.84	0	0	0	0		
Density (#/m ³)	0	4.91	12.28	0	0	0	4.91	0	0	0	0		
Biomass (mg/m ³)	0	0.33	2.86	0	0	0	1.20	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Dickie	86/10/21				21:37	8	5.3				3.0		0.35
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	1	0	0	0	2	0	0	0	0	
Mean Length (mm)	0	0	0	9.36	0	0	0	11.16	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0.74	0	0	0	0	
Num. Measured	0	0	0	1	0	0	0	2	0	0	0	0	
Mean Weight (µg/org)	0	0	0	249.40	0	0	0	259.80	0	0	0	0	
Density (#/m ³)	0	0	0	4.09	0	0	0	8.19	0	0	0	0	
Biomass (mg/m ³)	0	0	0	1.02	0	0	0	2.13	0	0	0	0	

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Dickie	86/10/21	21:42	9	10.5	9.0	1.05						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	9	25	0	0	0	11	0	0	0	0
Mean Length (mm)	0	0	5.90	9.27	0	0	0	10.59	0	0	0	0
Stan. Dev.	0	0	0.73	0.49	0	0	0	0.53	0	0	0	0
Num. Measured	0	0	9	25	0	0	0	11	0	0	0	0
Mean Weight (µg/org)	0	0	67.04	241.54	0	0	0	244.58	0	0	0	0
Density (#/m ³)	0	0	12.28	34.11	0	0	0	15.01	0	0	0	0
Biomass (mg/m ³)	0	0	0.82	8.24	0	0	0	3.67	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Dickie	86/10/21	21:52	10	7.3	5.0	0.58						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	14	0	0	0	9	0	0	0	0
Mean Length (mm)	0	0	5.76	9.17	0	0	0	10.24	0	0	0	0
Stan. Dev.	0	0	0	0.50	0	0	0	0.73	0	0	0	0
Num. Measured	0	0	1	14	0	0	0	9	0	0	0	0
Mean Weight (µg/org)	0	0	63.72	233.01	0	0	0	235.29	0	0	0	0
Density (#/m ³)	0	0	2.46	34.38	0	0	0	22.10	0	0	0	0
Biomass (mg/m ³)	0	0	0.16	8.01	0	0	0	5.20	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Glen	86/10/30	21:12	1	6.0	4.0	0.47						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	0	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Glen	86/10/30				21:02	2	7.5				5.5		0.64	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	2	0	0	0	11	0	0	0	0		
Mean Length (mm)	0	0	0	9.16	0	0	0	10.98	0	0	0	0		
Stan. Dev.	0	0	0	0.40	0	0	0	0.57	0	0	0	0		
Num. Measured	0	0	0	2	0	0	0	11	0	0	0	0		
Mean Weight (µg/org)	0	0	0	232.17	0	0	0	254.98	0	0	0	0		
Density (#/m ³)	0	0	0	4.47	0	0	0	24.56	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.04	0	0	0	6.26	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Glen	86/10/30				20:58	3	5.5				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Glen	86/10/30				20:11	4	8.5				6.5		0.76	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	2	0	0	1	0	0	0	0	0		
Mean Length (mm)	0	0	0	8.68	0	0	7.44	0	0	0	0	0		
Stan. Dev.	0	0	0	0.17	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	2	0	0	1	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	194.25	0	0	56.38	0	0	0	0	0		
Density (#/m ³)	0	0	0	3.78	0	0	1.89	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.73	0	0	0.11	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Glen	86/10/30				20:52	5	7.5				5.5		0.64	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	7	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	11.06	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0.38	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	7	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	257.12	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	15.63	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	4.02	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Glen	86/10/30				20:47	6	6.5				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	1	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	11.60	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	1	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	271.64	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	2.73	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0.74	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Glen	86/10/30				20:38	7	13.5				11.5		1.34	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	4	0	0	0	0		
Mean Length (mm)	0	0	0	9.60	0	0	0	10.92	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0.55	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	4	0	0	0	0		
Mean Weight (µg/org)	0	0	0	271.22	0	0	0	253.38	0	0	0	0		
Density (#/m ³)	0	0	0	1.07	0	0	0	4.27	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.29	0	0	0	1.08	0	0	0	0		

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Glen	86/10/30	20:33	8	13.5	11.5	1.34						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	1	0	0	0	1	0	0	0	0
Mean Length (mm)	0	0	0	9.44	0	0	0	11.04	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	1	0	0	0	1	0	0	0	0
Mean Weight (µg/org)	0	0	0	256.53	0	0	0	256.59	0	0	0	0
Density (#/m ³)	0	0	0	1.07	0	0	0	1.07	0	0	0	0
Biomass (mg/m ³)	0	0	0	0.27	0	0	0	0.27	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Glen	86/10/30	20:29	9	7.5	5.5	0.64						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	0	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Glen	86/10/30	20:19	10	6.0	4.0	0.47						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	0	0	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Gullfeather	86/10/29				19:49	1	3.5				1.5		0.17	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	3	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.25	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	1.24	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	3	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	239.82	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	24.56	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	5.89	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Gullfeather	86/10/29				19:57	2	4.0				2.0		0.23	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	2	17	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	5.80	9.30	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0.06	0.41	0	0	0	0	0	0	0	0		
Num. Measured	0	0	2	17	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	64.66	244.14	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	12.28	104.38	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0.79	25.48	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Gullfeather	86/10/29				19:53	3	4.0				2.0		0.23	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	3	1	2	0	0	1	1	0	0	0	0		
Mean Length (mm)	0	3.92	4.80	9.68	0	0	8.06	11.84	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	1	1	1	0	0	1	1	0	0	0	0		
Mean Weight (µg/org)	0	17.98	43.34	278.78	0	0	67.44	278.12	0	0	0	0		
Density (#/m ³)	0	18.42	6.14	12.28	0	0	6.14	6.14	0	0	0	0		
Biomass (mg/m ³)	0	0.33	0.27	3.42	0	0	0.41	1.71	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Gullfeather	86/10/29				19:34	4	5.8				3.8		0.44	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	21	0	0	0	1	0	0	0	0		
Mean Length (mm)	0	0	5.84	9.09	0	0	0	11.44	0	0	0	0		
Stan. Dev.	0	0	0	0.53	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	19	0	0	0	1	0	0	0	0		
Mean Weight (µg/org)	0	0	65.60	226.34	0	0	0	267.32	0	0	0	0		
Density (#/m ³)	0	0	3.27	68.77	0	0	0	3.27	0	0	0	0		
Biomass (mg/m ³)	0	0	0.21	15.57	0	0	0	0.88	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Gullfeather	86/10/29				19:27	5	9.3				7.3		0.84	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	3	36	0	0	0	22	0	0	0	0		
Mean Length (mm)	0	0	5.25	9.22	0	0	0	11.19	0	0	0	0		
Stan. Dev.	0	0	0.26	0.65	0	0	0	0.55	0	0	0	0		
Num. Measured	0	0	3	25	0	0	0	19	0	0	0	0		
Mean Weight (µg/org)	0	0	52.38	237.25	0	0	0	260.61	0	0	0	0		
Density (#/m ³)	0	0	5.08	60.98	0	0	0	37.26	0	0	0	0		
Biomass (mg/m ³)	0	0	0.27	14.47	0	0	0	9.71	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Gullfeather	86/10/29				19:21	6	9.5				7.5		0.87	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	1	3	10	0	0	0	9	0	0	0	0		
Mean Length (mm)	0	4.20	5.52	9.43	0	0	0	11.20	0	0	0	0		
Stan. Dev.	0	0	0.21	0.40	0	0	0	0.78	0	0	0	0		
Num. Measured	0	1	3	10	0	0	0	9	0	0	0	0		
Mean Weight (µg/org)	0	18.99	58.24	255.63	0	0	0	260.87	0	0	0	0		
Density (#/m ³)	0	1.64	4.91	16.37	0	0	0	14.74	0	0	0	0		
Biomass (mg/m ³)	0	0.03	0.29	4.19	0	0	0	3.84	0	0	0	0		

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Gullfeather	86/10/29	19:16	7	10.0	8.0	0.93						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	28	0	0	0	13	0	0	0	0
Mean Length (mm)	0	0	6.16	9.36	0	0	0	11.29	0	0	0	0
Stan. Dev.	0	0	0	0.49	0	0	0	0.69	0	0	0	0
Num. Measured	0	0	1	25	0	0	0	11	0	0	0	0
Mean Weight (µg/org)	0	0	73.44	249.40	0	0	0	263.29	0	0	0	0
Density (#/m ³)	0	0	1.54	42.98	0	0	0	19.95	0	0	0	0
Biomass (mg/m ³)	0	0	0.11	10.72	0	0	0	5.25	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Gullfeather	86/10/29	19:09	8	5.3	3.3	0.38						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	0	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	6.16	0	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	1	0	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	73.44	0	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	3.78	0	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0.28	0	0	0	0	0	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Gullfeather	86/10/29	18:58	9	3.0	1.0	0.12						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	12	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	5.36	8.78	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0.75	0	0	0	0	0	0	0	0
Num. Measured	0	0	1	12	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	54.72	201.76	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	12.28	147.36	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0.67	29.73	0	0	0	0	0	0	0	0

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Gullfeather	86/10/29				19:02	10	3.0				1.0		0.12	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	6	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	5.60	8.95	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.42	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	6	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	60.03	215.00	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	12.28	73.68	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0.74	15.84	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				21:30	1	5.5				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Volume Sample (m ³)	
Harp	86/10/20				21:35	2	12.0				9.0		1.05	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	5	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	10.18	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.42	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	4	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	329.41	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	6.82	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	2.25	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				21:45	3	5.5				3.0		0.35	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				21:50	4	12.5				9.5		1.11	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	10.56	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	371.95	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	1.29	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.48	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				21:55	5	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				21:15	6	34.5				28.0		3.26	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				22:00	7	9.5				6.5		0.76	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				22:05	8	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				22:15	9	9.5				6.5		0.76	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	3	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	10.67	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.44	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	3	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	384.94	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	5.67	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	2.18	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Harp	86/10/20				22:30	10	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Honey	86/10/21				20:00	1	3.5				2.0		0.23	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:55	2	4.0				2.5		0.29	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:50	3	4.8				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:45	4	6.0				4.0		0.47	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:40	5	4.0				2.5		0.29	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:35	6	4.0				2.5		0.29	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:30	7	4.5				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:25	8	4.0				2.5		0.29	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:20	9	4.5				4.0		0.47	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	5.20	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	51.33	0	0	0	0	0	0	0	0	0		
Density (#/m ³)		0	3.07	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0.16	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Heney	86/10/21				19:12	10	3.8				2.0		0.23	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				21:48	1	6.0				4.0		0.47	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	2	0	0	0	1	0	0	0	0		
Mean Length (mm)	0	0	0	9.80	0	0	0	11.36	0	0	0	0		
Stan. Dev.	0	0	0	0.51	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	2	0	0	0	1	0	0	0	0		
Mean Weight (µg/org)	0	0	0	290.40	0	0	0	265.17	0	0	0	0		
Density (#/m ³)	0	0	0	6.14	0	0	0	3.07	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.78	0	0	0	0.81	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				21:42	2	9.8				7.8		0.90	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	3	7	0	1	0	22	0	0	0	0		
Mean Length (mm)	0	0	5.87	9.29	0	6.16	0	11.65	0	0	0	0		
Stan. Dev.	0	0	0.05	0.53	0	0	0	0.86	0	0	0	0		
Num. Measured	0	0	3	6	0	1	0	22	0	0	0	0		
Mean Weight (µg/org)	0	0	66.32	243.27	0	45.40	0	272.98	0	0	0	0		
Density (#/m ³)	0	0	4.75	11.09	0	1.58	0	34.86	0	0	0	0		
Biomass (mg/m ³)	0	0	0.32	2.70	0	0.07	0	9.52	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				21:54	3	8.0				8.0		0.93	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	6	0	0	0	10	0	0	0	0		
Mean Length (mm)	0	0	0	9.00	0	0	0	11.52	0	0	0	0		
Stan. Dev.	0	0	0	0.91	0	0	0	1.12	0	0	0	0		
Num. Measured	0	0	0	6	0	0	0	10	0	0	0	0		
Mean Weight (µg/org)	0	0	0	219.00	0	0	0	269.48	0	0	0	0		
Density (#/m ³)	0	0	0	9.21	0	0	0	15.35	0	0	0	0		
Biomass (mg/m ³)	0	0	0	2.02	0	0	0	4.14	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				22:04	4	7.0				5.0		0.58	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	5	0	0	1	10	0	0	0	0		
Mean Length (mm)	0	0	0	8.43	0	0	8.80	12.27	0	0	0	0		
Stan. Dev.	0	0	0	1.07	0	0	0	0.89	0	0	0	0		
Num. Measured	0	0	0	5	0	0	1	9	0	0	0	0		
Mean Weight (µg/org)	0	0	0	176.32	0	0	82.10	289.78	0	0	0	0		
Density (#/m ³)	0	0	0	12.28	0	0	2.46	24.56	0	0	0	0		
Biomass (mg/m ³)	0	0	0	2.17	0	0	0.20	7.12	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				21:33	5	19.5				17.5		2.04	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	3	0	0	0	32	0	0	0	0		
Mean Length (mm)	0	0	6.64	9.39	0	0	0	11.56	0	0	0	0		
Stan. Dev.	0	0	0	0.17	0	0	0	0.93	0	0	0	0		
Num. Measured	0	0	1	3	0	0	0	30	0	0	0	0		
Mean Weight (µg/org)	0	0	86.06	252.05	0	0	0	270.56	0	0	0	0		
Density (#/m ³)	0	0	0.70	2.11	0	0	0	22.45	0	0	0	0		
Biomass (mg/m ³)	0	0	0.06	0.53	0	0	0	6.08	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				22:12	6	6.5				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	1	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	8.56	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	1	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	77.17	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	2.73	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0.21	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				22:21	7	21.0				19.0		2.21	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	2	5	0	0	0	57	0	0	0	1		
Mean Length (mm)	0	0	5.60	9.39	0	0	0	11.92	0	0	0	13.52		
Stan. Dev.	0	0	0.23	0.40	0	0	0	0.42	0	0	0	0		
Num. Measured	0	0	2	5	0	0	0	29	0	0	0	1		
Mean Weight (µg/org)	0	0	60.03	252.05	0	0	0	280.28	0	0	0	940.98		
Density (#/m ³)	0	0	1.29	3.23	0	0	0	36.84	0	0	0	0.65		
Biomass (mg/m ³)	0	0	0.08	0.81	0	0	0	10.33	0	0	0	0.61		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				22:32	8	15.0				13.0		1.51	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	11	0	0	0	18	0	0	0	0		
Mean Length (mm)	0	0	0	9.51	0	0	0	11.83	0	0	0	0		
Stan. Dev.	0	0	0	0.41	0	0	0	0.48	0	0	0	0		
Num. Measured	0	0	0	11	0	0	0	18	0	0	0	0		
Mean Weight (µg/org)	0	0	0	262.89	0	0	0	277.85	0	0	0	0		
Density (#/m ³)	0	0	0	10.39	0	0	0	17.00	0	0	0	0		
Biomass (mg/m ³)	0	0	0	2.73	0	0	0	4.72	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				22:39	9	7.0				5.0		0.58	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	3	0	0	1	1	0	0	0	0		
Mean Length (mm)	0	0	0	8.80	0	0	8.09	7.76	0	0	0	0		
Stan. Dev.	0	0	0	0.50	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	3	0	0	1	1	0	0	0	0		
Mean Weight (µg/org)	0	0	0	203.29	0	0	68.01	170.95	0	0	0	0		
Density (#/m ³)	0	0	0	7.37	0	0	2.46	2.46	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.50	0	0	0.17	0.42	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Little Clear	86/10/28				22:50	10	9.0				7.0		0.81	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	5	0	0	0	0		
Mean Length (mm)	0	0	0	10.00	0	0	0	10.77	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	1.02	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	5	0	0	0	0		
Mean Weight (µg/org)	0	0	0	310.50	0	0	0	249.37	0	0	0	0		
Density (#/m ³)	0	0	0	1.75	0	0	0	8.77	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.54	0	0	0	2.19	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				20:40	1	6.0				4.0		0.47	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	4	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.12	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	1.12	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	3	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	228.83	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	12.28	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	2.81	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				20:45	2	13.5				11.5		1.34	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	99	0	0	0	1	0	0	0	0		
Mean Length (mm)	0	0	5.68	9.18	0	0	0	11.84	0	0	0	0		
Stan. Dev.	0	0	0	0.31	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	29	0	0	0	1	0	0	0	0		
Mean Weight (µg/org)	0	0	61.86	233.86	0	0	0	278.12	0	0	0	0		
Density (#/m ³)	0	0	1.07	105.71	0	0	0	1.07	0	0	0	0		
Biomass (mg/m ³)	0	0	0.07	24.72	0	0	0	0.30	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				20:50	3	16.0				15.0		1.74	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	4	162	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	5.62	9.13	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0.58	0.44	0	0	0	0	0	0	0	0		
Num. Measured	0	0	4	25	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	60.49	229.66	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	3.27	132.62	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0.20	30.46	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				21:01	4	6.8				5.0		0.58	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	2	25	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	6.08	9.35	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0.68	0.40	0	0	0	0	0	0	0	0		
Num. Measured	0	0	2	24	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	71.44	248.51	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	4.91	61.40	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0.35	15.26	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				21:07	5	9.0				7.0		0.81	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	26	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.30	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.41	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	23	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	244.14	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	45.61	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	11.14	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				21:14	6	6.5				4.5		0.52	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	6	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.41	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.40	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	5	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	253.84	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	16.37	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	4.16	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				21:23	7	8.0				6.0		0.70	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.84	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	294.35	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	2.05	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.60	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				21:30	8	11.5				9.5		1.11	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	24	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.28	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.38	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	19	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	242.40	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	31.02	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	7.52	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				21:45	9	7.8				5.8		0.67	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	10.00	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	310.50	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	2.14	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.66	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Plastic	86/10/27				21:38	10	5.8				3.8		0.44	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	11	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.40	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.53	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	11	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	252.95	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	36.02	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	9.11	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-east basin	86/10/15				21:55	1	3.0				1.2		0.14	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	7.64	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	127.26	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	10.23	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.30	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Red Chalk-east basin	86/10/15				22:00	2	7.0				5.0		0.58
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	2	4	0	0	0	11	0	0	0	0	
Mean Length (mm)	0	0	4.84	8.88	0	0	0	11.16	0	0	0	0	
Stan. Dev.	0	0	0.28	0.11	0	0	0	1.23	0	0	0	0	
Num. Measured	0	0	2	4	0	0	0	11	0	0	0	0	
Mean Weight (µg/org)	0	0	44.10	209.48	0	0	0	259.80	0	0	0	0	
Density (#/m ³)	0	0	4.91	9.82	0	0	0	27.02	0	0	0	0	
Biomass (mg/m ³)	0	0	0.22	2.06	0	0	0	7.02	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Red Chalk-east basin	86/10/15				22:05	3	7.0				5.0		0.58
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	2	3	0	0	2	9	0	0	0	0	
Mean Length (mm)	0	0	9.01	9.01	0	0	7.76	10.62	0	0	0	0	
Stan. Dev.	0	0	0.92	0.92	0	0	1.02	0.86	0	0	0	0	
Num. Measured	0	0	3	3	0	0	2	9	0	0	0	0	
Mean Weight (µg/org)	0	0	164.09	219.81	0	0	61.95	245.38	0	0	0	0	
Density (#/m ³)	0	0	4.91	7.37	0	0	4.91	22.10	0	0	0	0	
Biomass (mg/m ³)	0	0	0.81	1.62	0	0	0.30	5.42	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Red Chalk-east basin	86/10/15				22:10	4	16.0				13.0		1.51
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	10	17	0	0	2	58	1	1	0	0	
Mean Length (mm)	0	0	5.95	8.91	0	0	8.16	11.11	3.04	2.04	0	0	
Stan. Dev.	0	0	0.64	0.90	0	0	0.34	0.85	0	0	0	0	
Num. Measured	0	0	9	17	0	0	2	28	1	1	0	0	
Mean Weight (µg/org)	0	0	68.24	211.83	0	0	69.33	258.46	10.57	2.41	0	0	
Density (#/m ³)	0	0	9.45	16.06	0	0	1.89	54.79	0.94	0.94	0	0	
Biomass (mg/m ³)	0	0	0.64	3.40	0	0	0.13	14.16	0.01	0	0	0	

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Red Chalk-east basin	86/10/15	22:20	5	12.5	9.5	1.11						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----		----- <i>C. trivittatus</i> -----					
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	2	9	23	0	0	3	147	23	0	0	0
Mean Length (mm)	0	3.00	5.54	8.61	0	0	7.00	10.69	2.84	0	0	0
Stan. Dev.	0	0.40	0.43	0.79	0	0	0.40	0.72	0.31	0	0	0
Num. Measured	0	2	9	23	0	0	2	29	23	0	0	0
Mean Weight (µg/org)	0	14.54	58.68	189.10	0	0	49.18	247.24	8.64	0	0	0
Density (#/m ³)	0	2.59	11.63	29.73	0	0	3.88	190.02	29.73	0	0	0
Biomass (mg/m ³)	0	0.04	0.68	5.62	0	0	0.19	46.98	0.26	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Red Chalk-east basin	86/10/15	22:25	6	8.0	5.0	0.58						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----		----- <i>C. trivittatus</i> -----					
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	1	1	6	0	0	0	5	0	0	0	0
Mean Length (mm)	0	4.32	6.96	8.45	0	0	0	10.69	0	0	0	0
Stan. Dev.	0	0	0	1.05	0	0	0	0.72	0	0	0	0
Num. Measured	0	1	1	6	0	0	0	5	0	0	0	0
Mean Weight (µg/org)	0	19.42	95.07	177.71	0	0	0	247.24	0	0	0	0
Density (#/m ³)	0	2.46	2.46	14.74	0	0	0	12.28	0	0	0	0
Biomass (mg/m ³)	0	0.05	0.23	2.62	0	0	0	3.04	0	0	0	0

Lake	Date	Time	Station Number	Station Depth (m)	Sample Depth (m)	Sample Volume (m ³)						
Red Chalk-east basin	86/10/15	22:30	7	5.0	3.0	0.35						
	----- <i>C. punctipennis</i> -----				----- <i>C. flavicans</i> -----		----- <i>C. trivittatus</i> -----					
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th
Total Number	0	0	1	0	0	0	0	0	0	0	0	0
Mean Length (mm)	0	0	5.52	0	0	0	0	0	0	0	0	0
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0
Num. Measured	0	0	1	0	0	0	0	0	0	0	0	0
Mean Weight (µg/org)	0	0	58.24	0	0	0	0	0	0	0	0	0
Density (#/m ³)	0	0	4.09	0	0	0	0	0	0	0	0	0
Biomass (mg/m ³)	0	0	0.24	0	0	0	0	0	0	0	0	0

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-east basin	86/10/15				22:40	8	6.0				4.0		0.47	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	3	0	0	1	1	0	0	0	0		
Mean Length (mm)	0	0	0	8.61	0	0	8.72	10.64	0	0	0	0		
Stan. Dev.	0	0	0	0.05	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	3	0	0	1	1	0	0	0	0		
Mean Weight (µg/org)	0	0	0	189.10	0	0	80.44	245.91	0	0	0	0		
Density (#/m ³)	0	0	0	9.21	0	0	3.07	3.07	0	0	0	0		
Biomass (mg/m ³)	0	0	0	1.74	0	0	0.25	0.75	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-east basin	86/10/15				22:50	9	8.5				5.5		0.64	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	4	0	0	2	11	0	0	0	0		
Mean Length (mm)	0	0	0	9.54	0	0	8.44	11.08	0	0	0	0		
Stan. Dev.	0	0	0	1.00	0	0	0.17	0.49	0	0	0	0		
Num. Measured	0	0	0	4	0	0	2	11	0	0	0	0		
Mean Weight (µg/org)	0	0	0	265.65	0	0	74.77	257.66	0	0	0	0		
Density (#/m ³)	0	0	0	8.93	0	0	4.47	24.56	0	0	0	0		
Biomass (mg/m ³)	0	0	0	2.37	0	0	0.33	6.33	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-east basin	86/10/15				23:00	10	4.0				2.0		0.23	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	1	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	11.12	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	1	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	258.73	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	6.14	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	1.59	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-main basin	86/10/15				19:15	1	6.5				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-main basin	86/10/15				19:25	2	18.0				15.0		1.74	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-main basin	86/10/15				19:35	3	26.0				23.0		2.68	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Red-Chalk-main basin	86/10/15				19:45	4	8.0				5.0		0.58
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	1	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)	MV	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.	MV	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	MV	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	MV	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)	2.46	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	MV	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Red Chalk-main basin	86/10/15				19:55	5	27.0				24.0		2.79
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Red Chalk-main basin	86/10/1520:10					6	10.0				7.0		0.81
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-main basin	86/10/15				20:20	7	9.0				6.0		0.70	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-main basin	86/10/15				20:25	8	22.0				19.0		2.21	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	1	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	6.24	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	1	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	75.47	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0.65	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0.05	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-main basin	86/10/15				20:35	9	17.0				14.0		1.63	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Red Chalk-main basin	86/10/15				20:45	10	6.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Solitaire	86/10/28				19:20	1	5.0				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Solitaire	86/10/28				19:27	2	27.0				25.0		2.91	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	2	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.36	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	249.40	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0.98	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.25	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Solitaire	86/10/28				20:19	3	22.0				20.0		2.33	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	2	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	9.93	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.10	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	2	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	303.36	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	1.23	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.37	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Solitaire	86/10/28				20:13	4	8.5				6.5		0.76	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Solitaire	86/10/28				19:39	5	16.0				14.0		1.63	
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----				
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	2	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	8.76	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0.62	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	2	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	200.24	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	1.75	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0.35	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Solitaire	86/10/28				20:03	6	11.3				9.3		1.08
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	1	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	9.76	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	1	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	286.49	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	1.32	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0.38	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Solitaire	86/10/28				19:53	7	7.8				5.8		0.67
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	10	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	10.21	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0.37	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	10	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	332.64	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	21.36	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	7.10	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Solitaire	86/10/28				20:40	8	8.0				6.0		0.70
	----- <i>C. punctipennis</i> -----					----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0	
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0	
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0	
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0	
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Solitaire	86/10/28				20:39	9	11.5				9.5		1.11	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Solitaire	86/10/28				20:34	10	5.5				3.5		0.41	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Walker	86/10/20				19:15	1	5				2.5		0.29	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	2	0	1	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	10.80	0	4.72	0	0		
Stan. Dev.	0	0	0	0	0	0	0	1.24	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	2	0	1	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	250.17	0	25.16	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	9.82	0	4.91	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	2.46	0	0.12	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Walker	86/10/20				19:20	2	13.5				10.5		1.22	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	58	0	0	1	152	322	109	0	0		
Mean Length (mm)	0	0	0	9.84	0	0	7.76	11.17	3.67	4.72	0	0		
Stan. Dev.	0	0	0	0.36	0	0	0	0.92	0.55	0.53	0	0		
Num. Measured	0	0	0	27	0	0	1	29	26	26	0	0		
Mean Weight (µg/org)	0	0	0	294.35	0	0	61.95	260.07	18.48	25.16	0	0		
Density (#/m ³)	0	0	0	67.83	0	0	1.17	177.77	376.59	127.48	0	0		
Biomass (mg/m ³)	0	0	0	19.97	0	0	0.07	46.23	6.96	3.21	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Walker	86/10/20				19:25	3	11.5				9.0		1.05	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	36	0	0	1	41	17	2	0	0		
Mean Length (mm)	0	0	0	9.87	0	0	8.64	11.13	3.77	3.90	0	0		
Stan. Dev.	0	0	0	0.57	0	0	0	0.63	0.46	0.25	0	0		
Num. Measured	0	0	0	25	0	0	1	26	16	2	0	0		
Mean Weight (µg/org)	0	0	0	297.33	0	0	78.80	259.00	20.01	14.76	0	0		
Density (#/m ³)	0	0	0	49.12	0	0	1.36	55.94	23.20	2.73	0	0		
Biomass (mg/m ³)	0	0	0	14.60	0	0	0.11	14.49	0.46	0.04	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Walker	86/10/20				19:30	4	10.0				7.0		0.81	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	12	0	0	0	74	1	1	0	0		
Mean Length (mm)	0	0	0	9.72	0	0	0	10.82	3.52	4.44	0	0		
Stan. Dev.	0	0	0	0.85	0	0	0	0.76	0	0	0	0		
Num. Measured	0	0	0	12	0	0	0	26	1	1	0	0		
Mean Weight (µg/org)	0	0	0	282.62	0	0	0	250.71	16.33	21.21	0	0		
Density (#/m ³)	0	0	0	21.05	0	0	0	129.82	1.75	1.75	0	0		
Biomass (mg/m ³)	0	0	0	5.95	0	0	0	32.55	0.03	0.04	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Walker	86/10/20				19:40	5	8.5				5.5		0.64
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	7	0	0	0	48	3	1	0	0	
Mean Length (mm)	0	0	0	10.08	0	0	0	11.16	3.40	4.60	0	0	
Stan. Dev.	0	0	0	0.34	0	0	0	0.46	0.25	0	0	0	
Num. Measured	0	0	0	7	0	0	0	24	1	1	0	0	
Mean Weight (µg/org)	0	0	0	318.81	0	0	0	259.80	14.73	23.41	0	0	
Density (#/m ³)	0	0	0	15.63	0	0	0	107.17	6.70	2.23	0	0	
Biomass (mg/m ³)	0	0	0	4.98	0	0	0	27.84	0.10	0.05	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Walker	86/10/20				19:55	6	16.0				13.0		1.51
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	61	0	0	1	308	72	44	0	0	
Mean Length (mm)	0	0	0	9.99	0	0	7.28	11.11	3.49	4.27	0	0	
Stan. Dev.	0	0	0	0.41	0	0	0	0.72	0.40	0.43	0	0	
Num. Measured	0	0	0	25	0	0	1	28	29	27	0	0	
Mean Weight (µg/org)	0	0	0	309.48	0	0	53.70	258.46	15.92	19.02	0	0	
Density (#/m ³)	0	0	0	57.62	0	0	0.94	290.94	68.01	41.56	0	0	
Biomass (mg/m ³)	0	0	0	17.83	0	0	0.05	75.20	1.08	0.79	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)
Walker	86/10/20				20:05	7	6.5				4.0		0.47
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----		
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th	
Total Number	0	0	0	6	0	0	2	9	1	1	0	0	
Mean Length (mm)	0	0	0	10.24	0	0	8.04	11.20	3.48	3.88	0	0	
Stan. Dev.	0	0	0	0.44	0	0	1.64	0.65	0	0	0	0	
Num. Measured	0	0	0	6	0	0	2	9	1	1	0	0	
Mean Weight (µg/org)	0	0	0	335.89	0	0	67.07	260.87	15.78	14.55	0	0	
Density (#/m ³)	0	0	0	18.42	0	0	6.14	27.63	3.07	3.07	0	0	
Biomass (mg/m ³)	0	0	0	6.19	0	0	0.41	7.21	0.05	0.04	0	0	

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Walker	86/10/20				20:20	8	5.5				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	7	0	0	0	11	0	1	0	0		
Mean Length (mm)	0	0	0	9.87	0	0	0	11.11	0	5.28	0	0		
Stan. Dev.	0	0	0	0.24	0	0	0	1.05	0	0	0	0		
Num. Measured	0	0	0	7	0	0	0	11	0	1	0	0		
Mean Weight (µg/org)	0	0	0	297.33	0	0	0	258.46	0	34.42	0	0		
Density (#/m ³)	0	0	0	28.65	0	0	0	45.03	0	4.09	0	0		
Biomass (mg/m ³)	0	0	0	8.52	0	0	0	11.64	0	0.14	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Walker	86/10/20				20:15	9	5.5				3.0		0.35	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	1	0	0	1	11	5	4	0	0		
Mean Length (mm)	0	0	0	9.60	0	0	6.40	11.19	3.91	4.79	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0.77	0.57	0.46	0	0		
Num. Measured	0	0	0	1	0	0	1	11	4	4	0	0		
Mean Weight (µg/org)	0	0	0	271.22	0	0	40.24	260.61	22.30	26.22	0	0		
Density (#/m ³)	0	0	0	4.09	0	0	4.09	45.03	20.47	16.37	0	0		
Biomass (mg/m ³)	0	0	0	1.11	0	0	0.16	11.73	0.46	0.43	0	0		

Lake	Date				Time	Station Number	Station Depth (m)				Sample Depth (m)		Sample Volume (m ³)	
Walker	86/10/20				20:30	10	3.0				1.5		0.17	
	----- <i>C. punctipennis</i> -----						----- <i>C. flavicans</i> -----				----- <i>C. trivittatus</i> -----			
Instar	1st	2nd	3rd	4th	1st	2nd	3rd	4th	1st	2nd	3rd	4th		
Total Number	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Length (mm)	0	0	0	0	0	0	0	0	0	0	0	0		
Stan. Dev.	0	0	0	0	0	0	0	0	0	0	0	0		
Num. Measured	0	0	0	0	0	0	0	0	0	0	0	0		
Mean Weight (µg/org)	0	0	0	0	0	0	0	0	0	0	0	0		
Density (#/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		
Biomass (mg/m ³)	0	0	0	0	0	0	0	0	0	0	0	0		