

ZOOPLANKTON BENCH SHEET

Sample ID	SS23-14
Lake code	LKC
Lake Name	Black Lake / MacLean Lake
Sampling date	June 7, 2023
Station #	BLK2
Sample volume (L)	255.18
Gear code	Wisconsin net / 19 cm diameter
Mesh size (µm)	80
Tow (m)	9.00

ZEBRA Count ID	SC06172
Count date	August 7, 2024
Taxonomist	Lynne M. Witty
Working volume (mL)	100

Comments: Rare species found in the final scan: 2 *Leydigia leydigi*.

***Mean weight data is derived from the associated ZEBRA count, except for Zebra mussel veligers (ZEBRA code 650) for which weights are calculated using the Bowen veliger equation (2018). Equation for Cercopagis (ZEBRA code 154) is also unique.**

ZEBRA Species Code	Taxa	Total aliquot volume (mL)	Fract. Anal.	#/Fract.	Total # in sample	Density (#/m ³)	Mean Length (mm)	*Mean Weight (µg)	Biomass (mg/m ³)
115	<i>Ceriodaphnia</i> sp.	36	0.36000	25	69	272.13906	0.40992	0.47815	0.13012
119	<i>Daphnia</i> (<i>Daphnia</i>) <i>ambigua</i>	36	0.36000	11	31	119.74118	0.56432	1.24581	0.14917
122	<i>Daphnia</i> (<i>Daphnia</i>) <i>mendotae</i>	36	0.36000	1	3	10.88556	0.78037	2.47233	0.02691
127	<i>Daphnia</i> (<i>Daphnia</i>) <i>retrocurva</i>	36	0.36000	12	33	130.62675	0.52397	0.84346	0.11018
135	<i>Holopedium</i> <i>gibberum</i>	20	0.20000	49	245	960.10659	0.66174	3.74638	3.59692
152	<i>Diaphanosoma</i> <i>birgei</i>	36	0.36000	14	39	152.39787	0.44767	2.18467	0.33294
188	<i>Bosmina</i> (<i>Bosmina</i>) <i>longirostris</i>	10	0.10000	45	450	1763.46109	0.22902	0.70378	1.24110
201	Calanoid copepodid	36	0.36000	4	11	43.54225	0.62534	1.80449	0.07857
215	Calanoid nauplius	36	0.36000	4	11	43.54225	0.24245	0.26823	0.01168
301	Cyclopoid copepodid	7	0.07000	23	329	1287.60651	0.57069	1.68911	2.17491
309	<i>Mesocyclops</i> <i>edax</i>	36	0.36000	14	39	152.39787	0.86343	4.31794	0.65805
313	Cyclopoid nauplius	6	0.06000	34	567	2220.65470	0.15207	0.12308	0.27331
338	<i>Tropocyclops</i> <i>extensus</i>	36	0.36000	4	11	43.54225	0.42927	0.69126	0.03010
344	<i>Harpacticoida</i> nauplius	36	0.36000	1	3	10.88556	0.12054	0.08091	0.00088
TOTALS	14			241	1840	7211.52949			8.81484