

Zooplankton raw count data for abundance calculations and biomass calculations, Azimuth Nunavut 2015

Client	Project	Year	Biologica #	Split	Date	Client ID	Fraction	Major Group	Groupcode	Family	Taxon	Stage	Raw Abundance	Split Multiplier	Total Abundance	Mean DW Biomass_mg	Mean WW Biomass_mg	Biomass assumptions	Total DW Biomass_mg	Total WW Biomass _mg
Azimuth	Nunavut	2015	15-25-11	3/100	8/22/2015	WTN-04-S		Rotifer	ROTI		Kellicottia sp.	n/a	163	33.33333333	5433.333333	0.001252192	0.012521918		6.803575633	68.03575633
Azimuth	Nunavut	2015	15-25-11	1/100	8/22/2015	WTN-04-S		Rotifer	ROTI		Keratella sp.	n/a	1	100	100	0.000105538	0.001055381		0.010553813	0.105538125
Azimuth	Nunavut	2015	15-25-11	3/10	8/22/2015	WTN-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	28	3.333333333	93.33333333	0.015622034	0.471437491		1.458056552	44.0008325
Azimuth	Nunavut	2015	15-25-11	3/10	8/22/2015	WTN-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	10	3.333333333	33.33333333	0.013365482	0.457190372		0.445516052	15.23967906
Azimuth	Nunavut	2015	15-25-11	3/10	8/22/2015	WTN-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	V	2	3.333333333	6.666666667	0.013365482	0.457190372		0.08910321	3.047935812
Azimuth	Nunavut	2015	15-25-11	3/100	8/22/2015	WTN-04-S		Rotifer	ROTI		Polyarthra sp.	n/a	9	33.33333333	300	7.16125E-05	0.000716125		0.02148376	0.2148376
Azimuth	Nunavut	2015	15-25-12	1/100	9/18/2015	WTN-05-S		Rotifer	ROTI		Asplanchna sp.	n/a	1	100	100	7.80401E-05	0.002001028		0.007804008	0.20010276
Azimuth	Nunavut	2015	15-25-12	3/100	9/18/2015	WTN-05-S		Calanoid	CRCO		Calanoida indet.	nauplius	7	33.33333333	233.3333333	0.000177853	0.000889266		0.041499069	0.207495343
Azimuth	Nunavut	2015	15-25-12	3/100	9/18/2015	WTN-05-S		Rotifer	ROTI		Conochilus sp.	n/a	56	33.33333333	1866.666667	0.000146136	0.001461355		0.272786357	2.727863574
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	142	2	284	0.001389335	0.006946677		0.394571249	1.972856244
Azimuth	Nunavut	2015	15-25-12	3/100	9/18/2015	WTN-05-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	34	33.33333333	1133.333333	2.00168E-05	0.000100084		0.022685749	0.113428745
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Cyclopoid	CRCO		Cyclopoida indet.	V	31	2	62	0.005042793	0.025213967		0.312653188	1.563265939
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Cyclopoid	CRCO		Cyclops scutifer	F	38	2	76	0.007235588	0.036177938		0.549904661	2.749523304
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Cyclopoid	CRCO		Cyclops scutifer	M	41	2	82	0.005185998	0.025929991		0.425251847	2.126259235
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Cladoceran	CRCL		Daphnia sp.	F	2	2	4	0.003999883	0.019999416		0.015999533	0.079997665
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Cyclopoid	CRCO		Diacyclops thomasi	F	4	2	8	0.006289189	0.031445943		0.050313509	0.251567547
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Cyclopoid	CRCO		Diacyclops thomasi	M	7	2	14	0.004170636	0.020853182		0.05838891	0.291944551
Azimuth	Nunavut	2015	15-25-12	3/100	9/18/2015	WTN-05-S		Rotifer	ROTI		Kellicottia sp.	n/a	105	33.33333333	3500	0.001252192	0.012521918		4.38267142	43.8267142
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	8	2	16	0.015622034	0.471437491		0.249952552	7.542999858
Azimuth	Nunavut	2015	15-25-12	1/2	9/18/2015	WTN-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	5	2	10	0.013365482	0.457190372		0.133654816	4.571903718
Azimuth	Nunavut	2015	15-25-12	2/100	9/18/2015	WTN-05-S		Rotifer	ROTI		Polyarthra sp.	n/a	3	50	150	7.16125E-05	0.000716125		0.01074188	0.1074188
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Calanoida indet.	I-IV	3	5	15	0.004802846	0.121691779		0.072042696	1.825376692
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Calanoid	CRCO		Calanoida indet.	nauplius	15	33.33333333	500	0.000177853	0.000889266		0.088926576	0.444632878
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Calanoid	CRCO		Calanoida indet.	nauplius	3	33.33333333	100	0.000177853	0.000889266		0.017785315	0.088926576
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Calanoida indet.	V	6	5	30	0.013365482	0.457190372		0.400964447	13.71571116
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Rotifer	ROTI		Conochilus sp.	n/a	44	33.33333333	1466.666667	0.000146136	0.001461355		0.214332138	2.14332138
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Rotifer	ROTI		Conochilus sp.	n/a	84	33.33333333	2800	0.000146136	0.001461355		0.4091795361	4.091795361
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	103	5	515	0.001389335	0.006946677		0.715507722	3.577538611
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	105	5	525	0.001389335	0.006946677		0.729401076	3.64700538
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	52	33.33333333	1733.333333	2.00168E-05	0.000100084		0.034695851	0.173479257
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	93	33.33333333	3100	2.00168E-05	0.000100084		0.062052196	0.310260978
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclopoida indet.	V	60	5	300	0.005042793	0.025213967		1.512838006	7.56419003
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclopoida indet.	V	36	5	180	0.005042793	0.025213967		0.907702804	4.538514018
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclops scutifer	F	85	5	425	0.007235588	0.036177938		3.075124748	15.37562374
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclops scutifer	F	15	5	75	0.007235588	0.036177938		0.542669073	2.713345366
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Cyclops scutifer	M	125	5	625	0.005185998	0.025929991		3.241248834	16.20624417
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cladoceran	CRCL		Daphnia sp.	F	2	5	10	0.003999883	0.019999416		0.019999416	0.099994162
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Diacyclops thomasi	F	9	5	45	0.006289189	0.031445943		0.283013491	1.415067454
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Cyclopoid	CRCO		Diacyclops thomasi	M	12	5	60	0.004170636	0.020853182		0.250238186	1.251190931
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Hetercope septentrionalis	F	4	5	20	0.094287498	0.471437491		1.885749964	9.428749822
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Hetercope septentrionalis	F	3	5	15	0.094287498	0.471437491		1.414312473	7.071562366
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Hetercope septentrionalis	M	7	5	35	0.091438074	0.457190372		3.200332603	16.00166301
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Hetercope septentrionalis	M	4	5	20	0.091438074	0.457190372		1.828761487	9.143807437
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Rotifer	ROTI		Kellicottia sp.	n/a	134	33.33333333	4466.666667	0.001252192	0.012521918		5.593123527	55.93123527
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Rotifer	ROTI		Kellicottia sp.	n/a	284	33.33333333	9466.666667	0.001252192	0.012521918		11.8540827	118.540827
Azimuth	Nunavut	2015	15-25-13	1/100	9/18/2015	WTN-06-S		Rotifer	ROTI		Keratella sp.	n/a	2	100	200	0.000105538	0.001055381		0.021107625	0.21107625
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	27	5	135	0.015622034	0.471437491		2.108974655	63.6440613
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	23	5	115	0.015622034	0.471437491		1.796533965	54.21531148
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	9	5	45	0.013365482	0.457190372		0.60144667	20.57356673
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	30	5	150	0.013365482	0.457190372		2.004822235	68.57855578
Azimuth	Nunavut	2015	15-25-13	2/10	9/18/2015	WTN-06-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	V	1	5	5	0.013365482	0.457190372		0.066827408	2.285951859
Azimuth	Nunavut	2015	15-25-13	3/100	9/18/2015	WTN-06-S		Rotifer	ROTI		Polyarthra sp.	n/a	6	33.33333333	200	7.16125E-05	0.000716125		0.014322507	0.143225066
Azimuth	Nunavut	2015	15-25-14	2/10	8/22/2015	WTS-03-S		Calanoid	CRCO		Calanoida indet.	I-IV	3	5	15	0.004802846	0.121691779		0.072042696	1.825376692
Azimuth	Nunavut	2015	15-25-14	3/100	8/22/2015	WTS-03-S		Calanoid	CRCO		Calanoida indet.	nauplius	3	33.33333333	100	0.000177853	0.000889266		0.017785315	0.088926576
Azimuth	Nunavut	2015	15-25-14	2/10	8/22/2015	WTS-03-S		Calanoid	CRCO		Calanoida indet.	V	6	5	30	0.013365482	0.457190372		0.400964447	13.71571116
Azimuth	Nunavut	2015	15-25-14	3/100	8/22/2015	WTS-03-S		Rotifer	ROTI		Conochilus sp.	n/a	84	33.33333333	2800	0.000146136	0.001461355		0.409179536	4.091795361
Azimuth	Nunavut	2015	15-25-14	2/10	8/22/2015	WTS-03-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	105	5	525	0.001389335	0.006946677		0.729401076	3.64700538
Azimuth	Nunavut	2015	15-25-14	3/100	8/22/2015	WTS-03-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	93	33.33333333	3100	2.00168E-05	0.000100084		0.062052196	0.310260978
Azimuth	Nunavut	2015	15-25-14	2/10	8/22/2015	WTS-03														

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Client	Project	Year	Biologica #	Split	Date	Client ID	Fraction	Major Group	Groupcode	Family	Taxon	Stage	Raw Abundance	Split Multiplier	Total Abundance	Mean DW Biomass_mg	Mean WW Biomass_mg	Biomass assumptions	Total DW Biomass_mg	Total WW Biomass _mg
Azimuth	Nunavut	2015	15-25-15	3/100	8/21/2015	WTS-04-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	51	33.33333333	1700	2.00168E-05	0.000100084		0.034028623	0.170143117
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Cyclopoid	CRCO		Cyclopoida indet.	V	26	5	130	0.005042793	0.025213967		0.655563136	3.27781568
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Cyclopoid	CRCO		Cyclops scutifer	F	10	5	50	0.007235588	0.0361779382		1.808896911	
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Cyclopoid	CRCO		Cyclops scutifer	M	1	5	5	0.005185998	0.025929991		0.025929991	0.129649953
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Cladoceran	CRCL		Daphnia middendorffiana	F	1	5	5	0.021219637	0.106098184		0.530490921	
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Cyclopoid	CRCO		Diacyclops thomasi	M	1	5	5	0.004170636	0.020853182		0.104265911	
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Calanoid	CRCO		Hetercope septentrionalis	F	5	5	25	0.094287498	0.471437491		2.357187455	11.78593728
Azimuth	Nunavut	2015	15-25-15	3/100	8/21/2015	WTS-04-S		Rotifer	ROTI		Kellicottia sp.	n/a	210	33.33333333	7000	0.001252192	0.012521918		8.765342841	87.65342841
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	27	5	135	0.015622034	0.471437491		2.108974655	63.6440613
Azimuth	Nunavut	2015	15-25-15	2/10	8/21/2015	WTS-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	29	5	145	0.013365482	0.457190372		1.937994827	66.29260392
Azimuth	Nunavut	2015	15-25-15	2/100	8/21/2015	WTS-04-S		Rotifer	ROTI		Polyarthra sp.	n/a	2	50	100	7.16125E-05	0.000716125		0.007161253	0.071612533
Azimuth	Nunavut	2015	15-25-16	3/100	9/18/2015	WTS-05-S		Calanoid	CRCO		Calanoida indet.	nauplius	24	33.33333333	800	0.000177853	0.000889266		0.142282521	0.711412605
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Calanoid	CRCO		Calanoida indet.	V	3	5	15	0.013365482	0.457190372		6.857855578	
Azimuth	Nunavut	2015	15-25-16	3/100	9/18/2015	WTS-05-S		Rotifer	ROTI		Conochilus sp.	n/a	9	33.33333333	300	0.000146136	0.001461355		0.043840665	0.438406646
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	84	5	420	0.001389335	0.006946677		0.583520861	2.917604304
Azimuth	Nunavut	2015	15-25-16	3/100	9/18/2015	WTS-05-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	40	33.33333333	1333.333333	2.00168E-05	0.000100084		0.026689116	0.133445582
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cyclopoid	CRCO		Cyclopoida indet.	V	22	5	110	0.005042793	0.025213967		0.554707269	2.773536344
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cyclopoid	CRCO		Cyclops scutifer	F	50	5	250	0.007235588	0.036177938		1.808896911	9.044484554
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cyclopoid	CRCO		Cyclops scutifer	M	44	5	220	0.005185998	0.025929991		1.140919589	5.704597947
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cladoceran	CRCL		Daphnia middendorffiana	F	2	5	10	0.021219637	0.106098184		0.212196369	1.060981843
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cladoceran	CRCL		Daphnia sp.	F	1	5	5	0.003999883	0.019999416		0.019999416	0.099997081
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cyclopoid	CRCO		Diacyclops thomasi	F	6	5	30	0.006289189	0.031445943		0.18867566	0.943378302
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Cyclopoid	CRCO		Diacyclops thomasi	M	1	5	5	0.004170636	0.020853182		0.020853182	0.104265911
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Calanoid	CRCO		Hetercope septentrionalis	F	2	5	10	0.094287498	0.471437491		0.942874982	4.714374911
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Calanoid	CRCO		Hetercope septentrionalis	M	1	5	5	0.091438074	0.457190372		0.457190372	2.285951859
Azimuth	Nunavut	2015	15-25-16	3/100	9/18/2015	WTS-05-S		Rotifer	ROTI		Kellicottia sp.	n/a	97	33.33333333	3233.333333	0.001252192	0.012521918		4.048753598	40.48753598
Azimuth	Nunavut	2015	15-25-16	3/100	9/18/2015	WTS-05-S		Rotifer	ROTI		Keratella sp.	n/a	3	33.33333333	100	0.000105538	0.001055381		0.010553812	0.105538125
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	10	5	50	0.015622034	0.471437491		0.781101724	23.57187455
Azimuth	Nunavut	2015	15-25-16	2/10	9/18/2015	WTS-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	5	5	25	0.013365482	0.457190372		0.334137039	11.4297593
Azimuth	Nunavut	2015	15-25-16	3/100	9/18/2015	WTS-05-S		Rotifer	ROTI		Polyarthra sp.	n/a	4	33.33333333	133.3333333	7.16125E-05	0.000716125		0.009548338	0.095483378
Azimuth	Nunavut	2015	15-25-16-QA	3/100	9/18/2015	WTS-05-S-QA		Calanoid	CRCO		Calanoida indet.	nauplius	24	33.33333333	800	0.000177853	0.000889266		0.142282521	0.711412605
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Calanoid	CRCO		Calanoida indet.	V	1	5	5	0.013365482	0.457190372		0.066827408	2.285951859
Azimuth	Nunavut	2015	15-25-16-QA	3/100	9/18/2015	WTS-05-S-QA		Rotifer	ROTI		Conochilus sp.	n/a	4	33.33333333	200	0.000146136	0.001461355		0.02922711	0.292271097
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cyclopoid	CRCO		Cyclopoida indet.	F	6	5	230	0.005042793	0.025213967		1.159842471	5.799212356
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cyclopoid	CRCO		Cyclopoida indet.	M	38	5	190	0.005042793	0.025213967		0.958130737	4.790653685
Azimuth	Nunavut	2015	15-25-16-QA	3/100	9/18/2015	WTS-05-S-QA		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	43	33.33333333	1433.333333	2.00168E-05	0.000100084		0.0286908	0.143454001
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cladoceran	CRCL		Daphnia middendorffiana	F	1	5	5	0.021219637	0.106098184		0.106098184	0.530490921
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cladoceran	CRCL		Daphnia sp.	F	1	5	5	0.003999883	0.019999416		0.019999416	0.099997081
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cyclopoid	CRCO		Diacyclops thomasi	F	5	5	25	0.006289189	0.031445943		0.157229717	0.786148585
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cyclopoid	CRCO		Diacyclops thomasi	I-IV	86	5	430	0.001389335	0.006946677		0.597414215	2.987071074
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cyclopoid	CRCO		Diacyclops thomasi	M	3	5	15	0.004170636	0.020853182		0.062559547	0.312797733
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Cyclopoid	CRCO		Diacyclops thomasi	V	17	5	85	0.005042793	0.025213967		0.428637435	2.143187175
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Calanoid	CRCO		Hetercope septentrionalis	F	1	5	5	0.094287498	0.471437491		0.471437491	2.357187455
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Calanoid	CRCO		Hetercope septentrionalis	M	3	5	15	0.091438074	0.457190372		1.371571116	6.857855578
Azimuth	Nunavut	2015	15-25-16-QA	3/100	9/18/2015	WTS-05-S-QA		Rotifer	ROTI		Kellicottia sp.	n/a	125	33.33333333	4166.666667	0.001252192	0.012521918		5.217465977	52.17465977
Azimuth	Nunavut	2015	15-25-16-QA	3/100	9/18/2015	WTS-05-S-QA		Rotifer	ROTI		Keratella sp.	n/a	2	33.33333333	66.66666667	0.000105538	0.001055381		0.007035875	0.07035875
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	7	5	35	0.015622034	0.471437491		0.546771207	16.50031219
Azimuth	Nunavut	2015	15-25-16-QA	2/10	9/18/2015	WTS-05-S-QA		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	8	5	40	0.013365482	0.457190372		0.534619263	18.28761487
Azimuth	Nunavut	2015	15-25-16-QA	3/100	9/18/2015	WTS-05-S-QA		Rotifer	ROTI		Polyarthra sp.	n/a	3	33.33333333	100	7.16125E-05	0.000716125		0.007161253	0.071612533
Azimuth	Nunavut	2015	15-25-17	3/100	9/18/2015	WTS-06-S		Calanoid	CRCO		Calanoida indet.	nauplius	18	33.33333333	600	0.000177853	0.000889266		0.106711891	0.533559454
Azimuth	Nunavut	2015	15-25-17	3/10	9/18/2015	WTS-06-S		Calanoid	CRCO		Calanoida indet.	V	4	3.333333333	13.33333333	0.013365482	0.457190372		0.178206421	6.095871625
Azimuth	Nunavut	2015	15-25-17	3/100	9/18/2015	WTS-06-S		Rotifer	ROTI		Conochilus sp.	n/a	14	33.33333333	466.6666667	0.000146136	0.001461355		0.068196589	0.681965894
Azimuth	Nunavut	2015	15-25-17	3/10	9/18/2015	WTS-06-S		Cyclopoid	CRCO		Cyclopoida indet.	F	9	3.333333333	30	0.005042793	0.025213967		0.151283801	0.756419003
Azimuth	Nunavut	2015	15-25-17	3/10	9/18/2015	WTS-06-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	100	3.333333333	333.3333333	0.001389335	0.006946677		0.463111794	2.315558972
Azimuth	Nunavut	2015	15-25-17	3/10	9/18/2015	WTS-06-S		Cyclopoid	CRCO		Cyclopoida indet.	M	5	3.333333333	16.66666667	0.005042793	0.025213967		0.084046556	0.420232779
Azimuth	Nunavut	2015	15-25-17	3/100	9/18/2015	WTS-06-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	25	33.33333333	833.3333333	2.00168E-05	0.000100084		0.016680698	0.083403489
Azimuth	Nunavut	2015	15-25-17	3/10	9/18/2015	WTS-06-S		Cyclopoid	CRCO		Cyclopoida indet.	V	42	3.333333333	140	0.005042793	0.025213967		0.705991069	3.529955347
Azimuth	Nunavut	2015	15-25-17	3/10	9/18/2015	WTS-06-S		Cyclopoid	CRCO		Cyclops scutifer	F	55	3.333333333	183.3333333	0.007235588	0.036177938		1.326524401	6.632622006
Azimuth	Nunavut	2015	15-25-17	3/																

Zooplankton raw count data for abundance calculations and biomass calculations, Azimuth Nunavut 2015

Client	Project	Year	Biologica #	Split	Date	Client ID	Fraction	Major Group	Groupcode	Family	Taxon	Stage	Raw Abundance	Split Multiplier	Total Abundance	Mean DW Biomass_mg	Mean WW Biomass_mg	Biomass assumptions	Total DW Biomass_mg	Total WW Biomass _mg
Azimuth	Nunavut	2015	15-25-18	2/100	8/23/2015	NEM-03-S		Rotifer	ROTI		Conochilus sp.	n/a	2	50	100	0.000146136	0.001461355	0.014613555		0.146135549
Azimuth	Nunavut	2015	15-25-18	1/10	8/23/2015	NEM-03-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	160	10	1600	0.001389335	0.006946677	0.006946677	2.222936613	11.11468306
Azimuth	Nunavut	2015	15-25-18	3/100	8/23/2015	NEM-03-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	140	33.33333333	4666.666667	2.00168E-05	0.000100084	0.093411907	0.467059537	
Azimuth	Nunavut	2015	15-25-18	1/100	8/23/2015	NEM-03-S		Cyclopoid	CRCO		Cyclopoida indet.	V	6	10	60	0.005042793	0.025213967	0.302567601	1.512838006	
Azimuth	Nunavut	2015	15-25-18	1/10	8/23/2015	NEM-03-S		Cyclopoid	CRCO		Cyclops scutifer	F	9	10	90	0.007235588	0.036177938	0.651202888	3.25601444	
Azimuth	Nunavut	2015	15-25-18	1/10	8/23/2015	NEM-03-S		Cladoceran	CRCL		Daphnia middendorffiana	F	3	10	30	0.021219637	0.106098184	0.636589106	3.182945528	
Azimuth	Nunavut	2015	15-25-18	3/100	8/23/2015	NEM-03-S		Rotifer	ROTI		Kellicottia sp.	n/a	101	33.33333333	3366.666667	0.001252192	0.012521918	4.215712509	42.15712509	
Azimuth	Nunavut	2015	15-25-18	1/10	8/23/2015	NEM-03-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	53	10	530	0.015622034	0.471437491	8.279678275	249.8618703	
Azimuth	Nunavut	2015	15-25-18	1/10	8/23/2015	NEM-03-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	76	10	760	0.013365482	0.457190372	10.15776599	347.4646826	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Calanoid	CRCO		Calanoida indet.	I-IV	53	10	530	0.004802846	0.121691779	2.54550859	64.49664313	
Azimuth	Nunavut	2015	15-25-19	1/100	8/23/2015	NEM-04-S		Calanoid	CRCO		Calanoida indet.	nauplius	1	100	100	0.000177853	0.000889266	0.017785315	0.088926576	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Calanoid	CRCO		Calanoida indet.	V	24	10	240	0.013365482	0.457190372	3.207715575	109.7256892	
Azimuth	Nunavut	2015	15-25-19	3/100	8/23/2015	NEM-04-S		Rotifer	ROTI		Conochilus sp.	n/a	19	33.33333333	633.3333333	0.000146136	0.001461355	0.092552514	0.925525141	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	155	10	1550	0.001389335	0.006946677	2.153469844	10.76734922	
Azimuth	Nunavut	2015	15-25-19	3/100	8/23/2015	NEM-04-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	171	33.33333333	5700	2.00168E-05	0.000100084	0.114095973	0.570479864	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Cyclopoid	CRCO		Cyclopoida indet.	V	6	10	60	0.005042793	0.025213967	0.302567601	1.512838006	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Cyclopoid	CRCO		Cyclops scutifer	F	6	10	60	0.007235588	0.036177938	0.434135259	2.170676293	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Cyclopoid	CRCO		Cyclops scutifer	M	1	10	10	0.005185998	0.025929991	0.051859981	0.259299907	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Calanoid	CRCO		Hetercope septentrionalis	F	1	10	10	0.094287498	0.471437491	0.942874982	4.714374911	
Azimuth	Nunavut	2015	15-25-19	3/100	8/23/2015	NEM-04-S		Rotifer	ROTI		Kellicottia sp.	n/a	95	33.33333333	3166.666667	0.001252192	0.012521918	3.965274142	39.65274142	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	45	10	450	0.015622034	0.471437491	7.029915516	212.146871	
Azimuth	Nunavut	2015	15-25-19	1/10	8/23/2015	NEM-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	47	10	470	0.013365482	0.457190372	6.281776335	214.8794748	
Azimuth	Nunavut	2015	15-25-20	Whole	9/19/2015	NEM-05-S		Cladoceran	CRCL		Bosmina sp.	F	1	1	1	0.008880563	0.044402816	0.008880563	0.044402816	
Azimuth	Nunavut	2015	15-25-20	3/100	9/19/2015	NEM-05-S		Calanoid	CRCO		Calanoida indet.	nauplius	13	33.33333333	433.3333333	0.000177853	0.000889266	0.077069699	0.385348494	
Azimuth	Nunavut	2015	15-25-20	3/100	9/19/2015	NEM-05-S		Rotifer	ROTI		Conochilus sp.	n/a	3	33.33333333	100	0.000146136	0.001461355	0.014613555	0.146135549	
Azimuth	Nunavut	2015	15-25-20	1/10	9/19/2015	NEM-05-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	115	10	1150	0.001389335	0.006946677	1.59773569	7.988678452	
Azimuth	Nunavut	2015	15-25-20	3/100	9/19/2015	NEM-05-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	162	33.33333333	5400	2.00168E-05	0.000100084	0.108090922	0.540454608	
Azimuth	Nunavut	2015	15-25-20	1/10	9/19/2015	NEM-05-S		Cyclopoid	CRCO		Cyclopoida indet.	V	11	10	110	0.005042793	0.025213967	0.554707269	2.773536344	
Azimuth	Nunavut	2015	15-25-20	1/10	9/19/2015	NEM-05-S		Cyclopoid	CRCO		Cyclops scutifer	F	2	10	20	0.007235588	0.036177938	0.144711753	0.723558764	
Azimuth	Nunavut	2015	15-25-20	Whole	9/19/2015	NEM-05-S		Cladoceran	CRCL		Daphnia middendorffiana	F	2	1	2	0.021219637	0.106098184	0.042439274	0.212196369	
Azimuth	Nunavut	2015	15-25-20	Whole	9/19/2015	NEM-05-S		Cladoceran	CRCL		Daphnia middendorffiana	F	1	1	1	0.021219637	0.106098184	0.021219637	0.106098184	
Azimuth	Nunavut	2015	15-25-20	1/10	9/19/2015	NEM-05-S		Calanoid	CRCO		Hetercope septentrionalis	F	1	10	10	0.094287498	0.471437491	0.942874982	4.714374911	
Azimuth	Nunavut	2015	15-25-20	Whole	9/19/2015	NEM-05-S		Cladoceran	CRCL		Holopedium gibberum	F	1	1	1	0.002497062	0.012485309	0.002497062	0.012485309	
Azimuth	Nunavut	2015	15-25-20	3/100	9/19/2015	NEM-05-S		Rotifer	ROTI		Kellicottia sp.	n/a	99	33.33333333	3300	0.001252192	0.012521918	4.132233053	41.32233053	
Azimuth	Nunavut	2015	15-25-20	2/100	9/19/2015	NEM-05-S		Rotifer	ROTI		Keratella sp.	n/a	3	50	150	0.000105538	0.001055381	0.015830719	0.158307188	
Azimuth	Nunavut	2015	15-25-20	1/10	9/19/2015	NEM-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	95	10	950	0.015622034	0.471437491	14.84093276	447.8656165	
Azimuth	Nunavut	2015	15-25-20	1/10	9/19/2015	NEM-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	71	10	710	0.013365482	0.457190372	9.48949191	324.605164	
Azimuth	Nunavut	2015	15-25-20	2/100	9/19/2015	NEM-05-S		Rotifer	ROTI		Polyarthra sp.	n/a	2	50	100	7.16125E-05	0.000716125	0.007161253	0.071612533	
Azimuth	Nunavut	2015	15-25-21	2/10	9/19/2015	NEM-06-S		Cladoceran	CRCL		Bosmina sp.	F	2	5	10	0.008880563	0.044402816	0.088805631	0.444028157	
Azimuth	Nunavut	2015	15-25-21	3/100	9/19/2015	NEM-06-S		Calanoid	CRCO		Calanoida indet.	nauplius	20	33.33333333	666.6666667	0.000177853	0.000889266	0.118568768	0.592843838	
Azimuth	Nunavut	2015	15-25-21	3/100	9/19/2015	NEM-06-S		Rotifer	ROTI		Conochilus sp.	n/a	3	33.33333333	100	0.000146136	0.001461355	0.014613555	0.146135549	
Azimuth	Nunavut	2015	15-25-21	2/10	9/19/2015	NEM-06-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	102	5	510	0.001389335	0.006946677	0.708561045	3.542805227	
Azimuth	Nunavut	2015	15-25-21	3/100	9/19/2015	NEM-06-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	122	33.33333333	4066.666667	2.00168E-05	0.000100084	0.081401805	0.407009025	
Azimuth	Nunavut	2015	15-25-21	2/10	9/19/2015	NEM-06-S		Cyclopoid	CRCO		Cyclopoida indet.	V	21	5	105	0.005042793	0.025213967	0.529493302	2.64746651	
Azimuth	Nunavut	2015	15-25-21	2/10	9/19/2015	NEM-06-S		Cyclopoid	CRCO		Cyclops scutifer	F	3	5	15	0.007235588	0.036177938	0.108533815	0.542669073	
Azimuth	Nunavut	2015	15-25-21	2/10	9/19/2015	NEM-06-S		Calanoid	CRCO		Hetercope septentrionalis	F	3	5	15	0.094287498	0.471437491	1.414312473	7.071562366	
Azimuth	Nunavut	2015	15-25-21	3/100	9/19/2015	NEM-06-S		Rotifer	ROTI		Kellicottia sp.	n/a	123	33.33333333	4100	0.001252192	0.012521918	5.133986521	51.33986521	
Azimuth	Nunavut	2015	15-25-21	3/100	9/19/2015	NEM-06-S		Rotifer	ROTI		Keratella sp.	n/a	4	33.33333333	133.3333333	0.000105538	0.001055381	0.01407175	0.1407175	
Azimuth	Nunavut	2015	15-25-21	2/10	9/19/2015	NEM-06-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	90	5	450	0.015622034	0.471437491	7.029915516	212.146871	
Azimuth	Nunavut	2015	15-25-21	2/10	9/19/2015	NEM-06-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	107	5	535	0.013365482	0.457190372	7.150532636	244.5968489	
Azimuth	Nunavut	2015	15-25-22	1/100	8/24/2015	MAM-03-S		Rotifer	ROTI		Asplanchna sp.	n/a	1	100	100	7.80401E-05	0.002001028	0.007804008	0.20010276	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/2015	MAM-03-S		Cladoceran	CRCL		Bosmina sp.	F	1	33.33333333	33.33333333	0.008880563	0.044402816	0.296018771	1.480093856	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/2015	MAM-03-S		Calanoid	CRCO		Calanoida indet.	nauplius	26	33.33333333	866.6666667	0.000177853	0.000889266	0.154139398	0.770696989	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/2015	MAM-03-S		Rotifer	ROTI		Conochilus sp.	n/a	87	33.33333333	2900	0.000146136	0.001461355	0.423793091	4.23793091	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/2015	MAM-03-S		Rotifer	ROTI		Conochilus sp.	n/a	4	33.33333333	133.3333333	0.000146136	0.001461355	0.01948474	0.194847398	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/2015	MAM-03-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	105	33.33333333	3500	0.001389335	0.006946677	4.862673841	24.3133692	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/2015	MAM-03-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	61	33.33333333	2033.333333	2.00168E-05	0.000100084	0.040700903	0.203504513	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/2015	MAM-03-S		Cyclopoid	CRCO		Cyclopoida indet.	V	23	33.33333333	766.6666667	0.005042793	0.025213967	3.866141571	19.33070785	
Azimuth	Nunavut	2015	15-25-22	3/100	8/24/201															

Zooplankton raw count data for abundance calculations and biomass calculations, Azimuth Nunavut 2015

Client	Project	Year	Biologica #	Split	Date	Client ID	Fraction	Major Group	Groupcode	Family	Taxon	Stage	Raw Abundance	Split Multiplier	Total Abundance	Mean DW Biomass_mg	Mean WW Biomass_mg	Biomass assumptions	Total DW Biomass_mg	Total WW Biomass _mg
Azimuth	Nunavut	2015	15-25-23	3/100	8/24/2015	MAM-04-S		Rotifer	ROTI		Conochilus sp.	n/a	47	33.33333333	1566.666667	0.000146136	0.001461355	0.228945693	2.289456928	
Azimuth	Nunavut	2015	15-25-23	1/100	8/24/2015	MAM-04-S		Rotifer	ROTI		Conochilus sp.	n/a	1	100	100	0.000146136	0.001461355	0.014613555	0.146135549	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	145	1	145	0.001389335	0.006946677	0.201453631	1.007268153	
Azimuth	Nunavut	2015	15-25-23	3/100	8/24/2015	MAM-04-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	74	33.33333333	2466.666667	2.00168E-05	0.000100084	0.049374865	0.246874327	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Cyclopoid	CRCO		Cyclopoida indet.	V	18	1	18	0.005042793	0.025213967	0.09077028	0.453851402	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Cyclopoid	CRCO		Cyclops scutifer	F	12	1	12	0.007235588	0.036177938	0.086827052	0.434135259	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Cyclopoid	CRCO		Cyclops scutifer	M	1	1	1	0.005185998	0.025929991	0.005185998	0.025929991	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Cladoceran	CRCL		Daphnia middendorffiana	F	1	1	1	0.021219637	0.106098184	0.021219637	0.106098184	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Calanoid	CRCO		Hetercope septentrionalis	F	91	1	91	0.094287498	0.471437491	8.580162338	42.90081169	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Calanoid	CRCO		Hetercope septentrionalis	M	46	1	46	0.091438074	0.457190372	4.206151421	21.0307571	
Azimuth	Nunavut	2015	15-25-23	3/100	8/24/2015	MAM-04-S		Rotifer	ROTI		Kellicottia sp.	n/a	112	33.33333333	3733.333333	0.001252192	0.012521918	4.674849515	46.74849515	
Azimuth	Nunavut	2015	15-25-23	2/100	8/24/2015	MAM-04-S		Rotifer	ROTI		Keratella sp.	n/a	2	50	100	0.000105538	0.001055381	0.0105538125	0.105538125	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	5	1	5	0.015622034	0.471437491	0.078110172	2.357187455	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	4	1	4	0.013365482	0.457190372	0.053461926	1.828761487	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	V	4	1	4	0.013365482	0.457190372	0.053461926	1.828761487	
Azimuth	Nunavut	2015	15-25-23	Whole	8/24/2015	MAM-04-S		Cyclopoid	CRCO		Microcyclops sp.	F	1	1	1	0.000961953	0.004809763	0.000961953	0.004809763	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cladoceran	CRCL		Bosmina sp.	F	1	3.333333333	3.333333333	0.008880563	0.044402816	0.029601877	0.148009386	
Azimuth	Nunavut	2015	15-25-24	3/100	9/19/2015	MAM-05-S		Calanoid	CRCO		Calanoida indet.	nauplius	11	33.33333333	366.6666667	0.000177853	0.000889266	0.065212822	0.326064111	
Azimuth	Nunavut	2015	15-25-24	3/100	9/19/2015	MAM-05-S		Rotifer	ROTI		Conochilus sp.	n/a	7	33.33333333	233.3333333	0.000146136	0.004098295	0.340982947	0.340982947	
Azimuth	Nunavut	2015	15-25-24	1/100	9/19/2015	MAM-05-S		Rotifer	ROTI		Conochilus sp.	n/a	1	100	100	0.000146136	0.001461355	0.014613555	0.146135549	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	119	3.333333333	396.6666667	0.001389335	0.006946677	0.551103035	2.755515176	
Azimuth	Nunavut	2015	15-25-24	3/100	9/19/2015	MAM-05-S		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	63	33.33333333	2100	2.00168E-05	0.000100084	0.0210176792	0.210176792	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cyclopoid	CRCO		Cyclopoida indet.	V	11	3.333333333	36.66666667	0.005042793	0.025213967	0.184902423	0.924512115	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cyclopoid	CRCO		Cyclops scutifer	F	34	3.333333333	113.3333333	0.007235588	0.036177938	0.820033266	4.100166331	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cyclopoid	CRCO		Cyclops scutifer	M	32	3.333333333	106.6666667	0.005185998	0.025929991	0.553173134	2.765865671	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cladoceran	CRCL		Daphnia sp.	F	1	3.333333333	3.333333333	0.003999883	0.019999416	0.013332944	0.066664721	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cyclopoid	CRCO		Diacyclops thomasi	F	2	3.333333333	6.666666667	0.006289189	0.031445943	0.041927925	0.209639623	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Cyclopoid	CRCO		Diacyclops thomasi	M	2	3.333333333	6.666666667	0.004170636	0.020853182	0.027804243	0.139021215	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Calanoid	CRCO		Hetercope septentrionalis	F	2	3.333333333	6.666666667	0.094287498	0.471437491	0.628583321	3.142916607	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Calanoid	CRCO		Hetercope septentrionalis	M	3	3.333333333	10	0.091438074	0.457190372	0.914380744	4.571903718	
Azimuth	Nunavut	2015	15-25-24	3/100	9/19/2015	MAM-05-S		Rotifer	ROTI		Kellicottia sp.	n/a	107	33.33333333	3566.666667	0.001252192	0.012521918	4.466150876	44.66150876	
Azimuth	Nunavut	2015	15-25-24	1/100	9/19/2015	MAM-05-S		Rotifer	ROTI		Keratella sp.	n/a	1	100	100	0.000105538	0.001055381	0.0105538125	0.105538125	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	45	3.333333333	150	0.015622034	0.471437491	2.343305172	70.71562366	
Azimuth	Nunavut	2015	15-25-24	3/10	9/19/2015	MAM-05-S		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	6	3.333333333	20	0.013365482	0.457190372	0.267309631	9.143807437	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cladoceran	CRCL		Bosmina sp.	F	1	3.333333333	3.333333333	0.008880563	0.044402816	0.029601877	0.148009386	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Calanoid	CRCO		Calanoida indet.	I-IV	2	3.333333333	6.666666667	0.004802846	0.121691779	0.032018976	0.81127853	
Azimuth	Nunavut	2015	15-25-24-QA	3/100	9/19/2015	MAM-05-S-QA		Calanoid	CRCO		Calanoida indet.	nauplius	17	33.33333333	566.6666667	0.000177853	0.000889266	0.100783452	0.503917262	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Calanoid	CRCO		Calanoida indet.	V	1	3.333333333	3.333333333	0.013365482	0.457190372	0.044551605	1.523967906	
Azimuth	Nunavut	2015	15-25-24-QA	3/100	9/19/2015	MAM-05-S-QA		Rotifer	ROTI		Conochilus sp.	n/a	13	33.33333333	433.3333333	0.000146136	0.001461355	0.063325404	0.633254044	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	103	3.333333333	343.3333333	0.001389335	0.006946677	0.477005148	2.385025741	
Azimuth	Nunavut	2015	15-25-24-QA	3/100	9/19/2015	MAM-05-S-QA		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	62	33.33333333	2066.666667	2.00168E-05	0.000100084	0.04136813	0.206840652	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cyclopoid	CRCO		Cyclopoida indet.	V	13	3.333333333	43.33333333	0.005042793	0.025213967	0.218521045	1.092605227	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cyclopoid	CRCO		Cyclops scutifer	F	32	3.333333333	106.6666667	0.007235588	0.036177938	0.771796015	3.858980076	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cyclopoid	CRCO		Cyclops scutifer	M	27	3.333333333	90	0.005185998	0.025929991	0.466739832	2.33369916	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cladoceran	CRCL		Daphnia sp.	F	1	3.333333333	3.333333333	0.003999883	0.019999416	0.013332944	0.066664721	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cyclopoid	CRCO		Diacyclops thomasi	F	4	3.333333333	13.33333333	0.006289189	0.031445943	0.083855849	0.419279246	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Cyclopoid	CRCO		Diacyclops thomasi	M	5	3.333333333	16.66666667	0.004170636	0.069510607	0.020853182	0.347553036	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Calanoid	CRCO		Hetercope septentrionalis	M	5	3.333333333	16.66666667	0.091438074	0.457190372	1.523967906	7.619839531	
Azimuth	Nunavut	2015	15-25-24-QA	3/100	9/19/2015	MAM-05-S-QA		Rotifer	ROTI		Kellicottia sp.	n/a	112	33.33333333	3733.333333	0.001252192	0.012521918	4.674849515	46.74849515	
Azimuth	Nunavut	2015	15-25-24-QA	1/100	9/19/2015	MAM-05-S-QA		Rotifer	ROTI		Keratella sp.	n/a	1	100	100	0.000105538	0.001055381	0.0105538125	0.105538125	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	47	3.333333333	156.6666667	0.015622034	0.471437491	2.447452069	73.85854027	
Azimuth	Nunavut	2015	15-25-24-QA	3/10	9/19/2015	MAM-05-S-QA		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	9	3.333333333	30	0.013365482	0.457190372	0.400964447	13.71571116	
Azimuth	Nunavut	2015	15-25-24-QA	2/100	9/19/2015	MAM-05-S-QA		Rotifer	ROTI		Polyarthra sp.	n/a	2	50	100	7.16125E-05	0.0007161253	0.0071612533	0.071612533	
Azimuth	Nunavut	2015	15-25-25	3/100	9/19/2015	MAM-06-S		Calanoid	CRCO		Calanoida indet.	nauplius	20	33.33333333	666.6666667	0.000177853	0.000889266	0.118568768	0.592843838	
Azimuth	Nunavut	2015	15-25-25	3/100	9/19/2015	MAM-06-S		Rotifer	ROTI		Conochilus sp.	n/a	15	33.33333333	500	0.000146136	0.001461355	0.073067774	0.730677743	
Azimuth	Nunavut	2015	15-25-25	1/100	9/19/2015	MAM-06-S		Copepod	CRCO		Copepoda indet.	nauplius	1	100	100	0.000142032	0.000710161	0.014203216	0.071016078	
Azimuth	Nunavut	2015	15-25-25	5/10	9/19/2015	MAM-06-S		Cyclopoid	CRCO		Cyclopoida indet.	F	1	2	2	0.005042793	0.025213967	0.010085587	0.050427934	
Azimuth	Nunavut	2015	15-25-25	5/10	9/19/2015	MAM-06-S		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	128	2	256	0.001389335	0.006946677	0.355669858		

Zooplankton raw count data for abundance calculations and biomass calculations, Azimuth Nunavut 2015

Client	Project	Year	Biologica #	Split	Date	Client ID	Fraction	Major Group	Groupcode	Family	Taxon	Stage	Raw Abundance	Split Multiplier	Total Abundance	Mean DW Biomass_mg	Mean WW Biomass_mg	Biomass assumptions	Total DW Biomass_mg	Total WW Biomass _mg
Azimuth	Nunavut	2015	15-25-25	1/100	9/19/2015	MAM-06-S		Rotifer	ROTI		Polyarthra sp.	n/a	1	100	100	7.16125E-05	0.000716125		0.007161253	0.071612533
Azimuth	Nunavut	2015	15-25-26	1/100	8/22/2015	DUP-1		Calanoid	CRCO		Calanoida indet.	nauplius	1	100	100	0.000177853	0.000889266		0.017785315	0.088926576
Azimuth	Nunavut	2015	15-25-26	3/100	8/22/2015	DUP-1		Rotifer	ROTI		Conochilus sp.	n/a	65	33.33333333	2166.666667	0.000146136	0.001461355		0.316627022	3.16627022
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Cyclopoid	CRCO		Cyclopoida indet.	I-IV	163	3.333333333	543.3333333	0.001389335	0.006946677		0.754872225	3.774361124
Azimuth	Nunavut	2015	15-25-26	3/100	8/22/2015	DUP-1		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	66	33.33333333	2200	2.00168E-05	0.000100084		0.044037042	0.22018521
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Cyclopoid	CRCO		Cyclopoida indet.	V	14	3.333333333	46.66666667	0.005042793	0.025213967		0.235330356	1.176651782
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Cyclopoid	CRCO		Cyclops scutifer	F	17	3.333333333	56.66666667	0.007235588	0.036177938		0.410016633	2.050083166
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Cyclopoid	CRCO		Cyclops scutifer	M	1	3.333333333	3.333333333	0.005185998	0.025929991		0.01728666	0.086433302
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Cladoceran	CRCL		Daphnia middendorffiana	F	1	3.333333333	3.333333333	0.021219637	0.106098184		0.070732123	0.353660614
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Cladoceran	CRCL		Daphnia sp.	F	1	3.333333333	3.333333333	0.003999883	0.019999416		0.013332944	0.066664721
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Calanoid	CRCO		Hetercope septentrionalis	F	7	3.333333333	23.33333333	0.094287498	0.471437491		2.200041625	11.00020813
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Calanoid	CRCO		Hetercope septentrionalis	M	5	3.333333333	16.66666667	0.091438074	0.457190372		1.523967906	7.619839531
Azimuth	Nunavut	2015	15-25-26	Whole	8/22/2015	DUP-1		Cladoceran	CRCL		Holopedium gibberum	F	16	1	16	0.002497062	0.012485309		0.039952988	0.199764941
Azimuth	Nunavut	2015	15-25-26	3/100	8/22/2015	DUP-1		Rotifer	ROTI		Kellicottia sp.	n/a	85	33.33333333	2833.333333	0.001252192	0.012521918		3.547876864	35.47876864
Azimuth	Nunavut	2015	15-25-26	1/100	8/22/2015	DUP-1		Rotifer	ROTI		Keratella sp.	n/a	1	100	100	0.000105538	0.001055381		0.010553813	0.105538125
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	31	3.333333333	103.3333333	0.015622034	0.471437491		1.614276896	48.71520741
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Calanoid	CRCO		Leptodiaptomus pribilofensis	I-IV	4	3.333333333	13.33333333	0.004802846	0.457190372		0.064037952	6.095871625
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	23	3.333333333	76.66666667	0.013365482	0.457190372		1.02468692	35.05126184
Azimuth	Nunavut	2015	15-25-26	3/10	8/22/2015	DUP-1		Calanoid	CRCO		Leptodiaptomus pribilofensis	V	3	3.333333333	10	0.013365482	0.457190372		0.133654816	4.571903718
Azimuth	Nunavut	2015	15-25-26	3/100	8/22/2015	DUP-1		Rotifer	ROTI		Polyarthra sp.	n/a	6	33.33333333	200	7.16125E-05	0.000716125		0.014322507	0.143225066
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cladoceran	CRCL		Bosmina sp.	F	1	2.5	2.5	0.008880563	0.044402816		0.022201408	0.111007039
Azimuth	Nunavut	2015	15-25-27	3/100	9/19/2015	DUP-1-September		Calanoid	CRCO		Calanoida indet.	nauplius	9	33.33333333	300	0.000177853	0.000889266		0.053355945	0.266779727
Azimuth	Nunavut	2015	15-25-27	3/100	9/19/2015	DUP-1-September		Rotifer	ROTI		Conochilus sp.	n/a	15	33.33333333	500	0.000146136	0.001461355		0.073067774	0.730677743
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Cyclopoida indet.	F	1	2.5	2.5	0.005042793	0.025213967		0.012606983	0.063034917
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Cyclopoida indet.	M	3	2.5	7.5	0.005042793	0.025213967		0.03782095	0.189104751
Azimuth	Nunavut	2015	15-25-27	3/100	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Cyclopoida indet.	nauplius	11	33.33333333	366.6666667	2.00168E-05	0.000100084		0.007339507	0.036697535
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Cyclops scutifer	F	59	2.5	147.5	0.007235588	0.036177938		1.067249177	5.336245887
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Cyclops scutifer	I-IV	81	2.5	202.5	0.001389335	0.006946677		0.281340415	1.406702075
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Cyclops scutifer	M	81	2.5	202.5	0.005185998	0.025929991		1.050164622	5.25082311
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Cyclops scutifer	V	40	2.5	100	0.002148681	0.025213967		0.21486814	2.521396677
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cladoceran	CRCL		Daphnia middendorffiana	F	1	2.5	2.5	0.021219637	0.106098184		0.053049092	0.265245461
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cladoceran	CRCL		Daphnia sp.	F	2	2.5	5	0.003999883	0.019999416		0.019999416	0.099997081
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Diacyclops thomasi	F	6	2.5	15	0.006289189	0.031445943		0.09433783	0.471689151
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Cyclopoid	CRCO		Diacyclops thomasi	M	4	2.5	10	0.004170636	0.020853182		0.041706364	0.208531822
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Calanoid	CRCO		Hetercope septentrionalis	F	3	2.5	7.5	0.094287498	0.471437491		0.707156237	3.535781183
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Calanoid	CRCO		Hetercope septentrionalis	M	1	2.5	2.5	0.091438074	0.457190372		0.228595186	1.14297593
Azimuth	Nunavut	2015	15-25-27	3/100	9/19/2015	DUP-1-September		Rotifer	ROTI		Kellicottia sp.	n/a	94	33.33333333	3133.333333	0.001252192	0.012521918		3.923534414	39.23534414
Azimuth	Nunavut	2015	15-25-27	1/100	9/19/2015	DUP-1-September		Rotifer	ROTI		Keratella sp.	n/a	1	100	100	0.000105538	0.001055381		0.010553813	0.105538125
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Calanoid	CRCO		Leptodiaptomus pribilofensis	F	25	2.5	62.5	0.015622034	0.471437491		0.976377155	29.46484319
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Calanoid	CRCO		Leptodiaptomus pribilofensis	M	17	2.5	42.5	0.013365482	0.457190372		0.568032966	19.4305908
Azimuth	Nunavut	2015	15-25-27	4/10	9/19/2015	DUP-1-September		Calanoid	CRCO		Leptodiaptomus pribilofensis	V	3	2.5	7.5	0.013365482	0.457190372		0.100241112	3.428927789
Azimuth	Nunavut	2015	15-25-27	3/100	9/19/2015	DUP-1-September		Rotifer	ROTI		Polyarthra sp.	n/a	5	33.33333333	166.6666667	7.16125E-05	0.000716125		0.011935422	0.119354222

Zooplankton biomeasurements and conversions for calculation of biomass data, Azimuth Nunavut 2015

Groupcode	Taxon	Stage	Biologica Sample	Client Sample	Unit	Conversion (mm)	Objective	Length (units)	Width (units)	Calibration	Length (mm)	CRUSTACEA - Ln(Length)	CRUSTACEA - Ln(α)	CRUSTACEA - β	CRUSTACEA - mg DW	CRUSTACEA - WW-DW	CRUSTACEA - mg WW	CRUSTACEA α/β Reference	Rotifera - FF	Rotifera - %BV	Rotifera - WW-DW	Rotifera - mg DW	Rotifera - mg WW	Rotifera - FF/%BV Reference	Final Biomass - DW	Final Biomass - WW
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	0.8		0.26	0.2080	-1.570217199	1.050	2.460	0.000060	5	0.000300	EPA SOP; Calanoid copepodites						6.00406E-05	0.000300203	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites						0.000162791	0.000813953	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	0.9		0.26	0.2340	-1.452434164	1.050	2.460	0.000080	5	0.000401	EPA SOP; Calanoid copepodites						8.02195E-05	0.000401098	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-13		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-15		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-15		4	1	4x	0.9		0.26	0.2340	-1.452434164	1.050	2.460	0.000080	5	0.000401	EPA SOP; Calanoid copepodites						8.02195E-05	0.000401098	
CRCO	Calanoida indet.	Nauplius	15-25-15		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-17		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-17		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites						0.000162791	0.000813953	
CRCO	Calanoida indet.	Nauplius	15-25-17		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites						0.000162791	0.000813953	
CRCO	Calanoida indet.	Nauplius	15-25-17		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-17		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCL	Daphnia middendorffiana	F	15-25-15		4	1	4x	8.5		0.26	2.2100	0.792992516	1.393	3.011	0.043847	5	0.219234	EPA SOP						0.043846744	0.219233732	
CRCL	Daphnia middendorffiana	F	15-25-15		4	1	4x	3.5		0.26	0.9104310679	1.393	3.011	0.030331	5	0.030331	EPA SOP						0.030331418	0.015157081		
CRCL	Daphnia sp	F	15-25-16		4	1	4x	3.9		0.26	1.0140	0.013902905	1.510	2.460	0.004691	5	0.023454	EPA SOP						0.0234543725	0.004690745	
CRCO	Cyclops scutifer	F	15-25-16		4	1	4x	5.2		0.26	1.3520	0.301584978	1.492	1.990	0.080102	5	0.040512	EPA SOP						0.08010235	0.040511748	
CRCO	Cyclops scutifer	F	15-25-13		4	1	4x	4.8		0.26	1.2480	0.22154227	1.492	1.990	0.006909	5	0.034547	EPA SOP						0.006909305	0.034546527	
CRCO	Cyclops scutifer	F	15-25-13		4	1	4x	4.4		0.26	1.1440	0.134530893	1.492	1.990	0.005811	5	0.029054	EPA SOP						0.00581079	0.029053948	
CRCO	Cyclops scutifer	F	15-25-13		4	1	4x	4.4		0.26	1.1440	0.134530893	1.492	1.990	0.005811	5	0.029054	EPA SOP						0.00581079	0.029053948	
CRCO	Cyclops scutifer	F	15-25-13		4	1	4x	4.5		0.26	1.1700	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP						0.006076552	0.030382761	
CRCO	Cyclops scutifer	F	15-25-13		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Cyclops scutifer	F	15-25-13		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Cyclops scutifer	F	15-25-13		4	1	4x	4.4		0.26	1.1440	0.134530893	1.492	1.990	0.005811	5	0.029054	EPA SOP						0.00581079	0.029053948	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	4.9		0.26	1.2740	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP						0.007198708	0.035993538	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	4.9		0.26	1.2740	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP						0.007198708	0.035993538	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	4.7		0.26	1.2220	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP						0.006625811	0.033129057	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	4.3		0.26	1.1180	0.111541375	1.492	1.990	0.005551	5	0.027755	EPA SOP						0.00555094	0.027754701	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	5		0.26	1.3000	0.262364264	1.492	1.990	0.007494	5	0.037470	EPA SOP						0.007494016	0.037470082	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	5.1		0.26	1.3260	0.282166892	1.492	1.990	0.007795	5	0.038976	EPA SOP						0.007795231	0.038976154	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	5		0.26	1.3000	0.262364264	1.492	1.990	0.007494	5	0.037470	EPA SOP						0.007494016	0.037470082	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	5.1		0.26	1.3260	0.282166892	1.492	1.990	0.007795	5	0.038976	EPA SOP						0.007795231	0.038976154	
CRCO	Cyclops scutifer	F	15-25-15		4	1	4x	4.9		0.26	1.2740	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP						0.007198708	0.035993538	
CRCO	Cyclops scutifer	F	15-25-16		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Cyclops scutifer	F	15-25-16		4	1	4x	4		0.26	1.0400	0.039220713	1.492	1.990	0.004807	5	0.024034	EPA SOP						0.004806885	0.024034424	
CRCO	Cyclops scutifer	F	15-25-16		4	1	4x	4.7		0.26	1.2220	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP						0.006625811	0.033129057	
CRCO	Cyclops scutifer	F	15-25-16		4	1	4x	4.2		0.26	1.0920	0.088010877	1.492	1.990	0.005297	5	0.026485	EPA SOP						0.005297005	0.026485027	
CRCO	Cyclops scutifer	F	15-25-17		4	1	4x	4.4		0.26	1.1440	0.134530893	1.492	1.990	0.005811	5	0.029054	EPA SOP						0.00581079	0.029053948	
CRCO	Cyclops scutifer	F	15-25-17		4	1	4x	4.3		0.26	1.1180	0.111541375	1.492	1.990	0.005551	5	0.027755	EPA SOP						0.00555094	0.027754701	
CRCO	Cyclops scutifer	F	15-25-25		4	1	4x	4		0.26	1.0400	0.039220713	1.492	1.990	0.004807	5	0.024034	EPA SOP						0.004806885	0.024034424	
CRCO	Cyclops scutifer	M	15-25-13		4	1	4x	3.9		0.26	1.0140	0.013902905	1.492	1.990	0.004571	5	0.022854	EPA SOP						0.004570702	0.022853509	
CRCO	Cyclops scutifer	M	15-25-13		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Cyclops scutifer	M	15-25-13		4	1	4x	4		0.26	1.0400	0.039220713	1.492	1.990	0.004807	5	0.024034	EPA SOP						0.004806885	0.024034424	
CRCO	Cyclops scutifer	M	15-25-13		4	1	4x	4.2		0.26	1.0920	0.088010877	1.492	1.990	0.005297	5	0.026485	EPA SOP						0.005297005	0.026485027	
CRCO	Cyclops scutifer	M	15-25-13		4	1	4x	4.2		0.26	1.0920	0.088010877	1.492	1.990	0.00											

Zooplankton biomeasurements and conversions for calculation of biomass data, Azimuth Nunavut 2015

Groupcode	Taxon	Stage	Biologica Sample	Client Sample	Unit	Conversion (mm)	Objective	Length (units)	Width (units)	Calibration	Length (mm)	CRUSTACEA - Ln(Length)	CRUSTACEA - Ln(a)	CRUSTACEA - β	CRUSTACEA - mg DW	CRUSTACEA - WW-DW	CRUSTACEA - mg WW	CRUSTACEA α/β Reference	Rotifera - FF	Rotifera - %BV	Rotifera - WW-DW	Rotifera - mg DW	Rotifera - mg WW	Rotifera - FF/%BV Reference	Final Biomass - DW	Final Biomass - WW
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.8		0.26	1.5080	0.41078427	1.953	2.400	0.018895	5	0.094474	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.018894715	0.094473574	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.7		0.26	1.4820	0.393392527	1.953	2.400	0.018122	5	0.090611	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.018122279	0.090611395	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5		0.26	1.3000	0.262364264	1.953	2.400	0.013232	5	0.066162	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.013232478	0.066162388	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.3		0.26	1.3780	0.320633173	1.953	2.400	0.015219	5	0.076093	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.015218619	0.076093095	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.8		0.26	1.5080	0.41078427	1.953	2.400	0.018895	5	0.094474	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.018894715	0.094473574	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.6		0.26	1.4560	0.37569295	1.953	2.400	0.017369	5	0.086843	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.017368584	0.086842922	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.2		0.26	1.3520	0.301584978	1.953	2.400	0.014539	5	0.072693	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.014538553	0.072692765	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.6		0.26	1.4560	0.37569295	1.953	2.400	0.017369	5	0.086843	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.017368584	0.086842922	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5		0.26	1.3000	0.262364264	1.953	2.400	0.013232	5	0.066162	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.013232478	0.066162388	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.2		0.26	1.3520	0.301584978	1.953	2.400	0.014539	5	0.072693	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.014538553	0.072692765	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.8		0.26	1.5080	0.41078427	1.953	2.400	0.018895	5	0.094474	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.018894715	0.094473574	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5		0.26	1.3000	0.262364264	1.953	2.400	0.013232	5	0.066162	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.013232478	0.066162388	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.2		0.26	1.3520	0.301584978	1.953	2.400	0.014539	5	0.072693	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.014538553	0.072692765	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.5		0.26	1.4300	0.357674444	1.953	2.400	0.016633	5	0.083167	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.016633499	0.083167494	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.5		0.26	1.4300	0.357674444	1.953	2.400	0.016633	5	0.083167	Bottrell et al. 1976 as in Watkins et al. ; pooled Calanoid copepodites						0.016633499	0.083167494	
CRCO	Leptodiaptomus pribilofensis	F	15-25-25		4	1	4x	5.3		0.26	1.3780	0.320633173	1.953													

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Groupcode	Taxon	Stage	Biologica Sample	Client Sample	Unit	Conversion (mm)	Objective	Length (units)	Width (units)	Calibration	Length (mm)	CRUSTACEA - Ln(Length)	CRUSTACEA - Ln(α)	CRUSTACEA - β	CRUSTACEA - mg DW	CRUSTACEA - WW-DW	CRUSTACEA - mg WW	CRUSTACEA α/β Reference	Rotifera - FF	Rotifera - %BV	Rotifera - WW-DW	Rotifera - mg DW	Rotifera - mg WW	Rotifera - FF/%BV Reference	Final Biomass - DW	Final Biomass - WW
CRCO	Diacyclops thomasi	M	15-25-16		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.6		0.26	0.9360	-0.066139803	1.492	1.990	0.003898	5	0.019488	EPA SOP						0.003898681	0.019488406	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.5		0.26	0.9100	-0.094310679	1.492	1.990	0.003685	5	0.018426	EPA SOP						0.003685189	0.018425944	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.9		0.26	1.0140	0.013902905	1.492	1.990	0.004571	5	0.022854	EPA SOP						0.004570702	0.022853509	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.7		0.26	0.9620	-0.038740828	1.492	1.990	0.004116	5	0.020580	EPA SOP						0.004116099	0.020580493	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.7		0.26	0.9620	-0.038740828	1.492	1.990	0.004116	5	0.020580	EPA SOP						0.004116099	0.020580493	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	M	15-25-17		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	M	15-25-24		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	M	15-25-24		4	1	4x	3.1		0.26	0.8060	-0.215671536	1.492	1.990	0.002895	5	0.014473	EPA SOP						0.002894504	0.014472518	
CRCO	Diacyclops thomasi	M	15-25-25		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	M	15-25-25		4	1	4x	3.8		0.26	0.9880	-0.012072581	1.492	1.990	0.004340	5	0.021702	EPA SOP						0.004340439	0.021702196	
CRCO	Diacyclops thomasi	F	15-25-13		4	1	4x	4.8		0.26	1.2480	0.22154227	1.492	1.990	0.006909	5	0.034547	EPA SOP						0.006909305	0.034546527	
CRCO	Diacyclops thomasi	F	15-25-13		4	1	4x	4.4		0.26	1.1440	0.134530893	1.492	1.990	0.005811	5	0.029054	EPA SOP						0.00581079	0.029053948	
CRCO	Diacyclops thomasi	F	15-25-13		4	1	4x	4.4		0.26	1.1440	0.134530893	1.492	1.990	0.005811	5	0.029054	EPA SOP						0.00581079	0.029053948	
CRCO	Diacyclops thomasi	F	15-25-13		4	1	4x	4.5		0.26	1.1700	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP						0.006076552	0.030382761	
CRCO	Diacyclops thomasi	F	15-25-13		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Diacyclops thomasi	F	15-25-13		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Diacyclops thomasi	F	15-25-13		4	1	4x	4.4		0.26	1.1440	0.134530893	1.492	1.990	0.005811	5	0.029054	EPA SOP						0.00581079	0.029053948	
CRCO	Diacyclops thomasi	F	15-25-16		4	1	4x	3.7		0.26	0.9620	-0.038740828	1.492	1.990	0.004116	5	0.020580	EPA SOP						0.004116099	0.020580493	
CRCO	Diacyclops thomasi	F	15-25-16		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Diacyclops thomasi	F	15-25-16		4	1	4x	4.3		0.26	1.1180	0.111541375	1.492	1.990	0.005551	5	0.027755	EPA SOP						0.005550994	0.027754701	
CRCO	Diacyclops thomasi	F	15-25-16		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Diacyclops thomasi	F	15-25-16		4	1	4x	4.7		0.26	1.2220	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP						0.006625811	0.033129057	
CRCO	Diacyclops thomasi	F	15-25-16		4	1	4x	4.8		0.26	1.2480	0.22154227	1.492	1.990	0.006909	5	0.034547	EPA SOP						0.006909305	0.034546527	
CRCO	Diacyclops thomasi	F	15-25-17		4	1	4x	4.9		0.26	1.2740	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP						0.007198708	0.035993538	
CRCO	Diacyclops thomasi	F	15-25-17		4	1	4x	4.7		0.26	1.2220	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP						0.006625811	0.033129057	
CRCO	Diacyclops thomasi	F	15-25-17		4	1	4x	4.5		0.26	1.1700	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP						0.006076552	0.030382761	
CRCO	Diacyclops thomasi	F	15-25-17		4	1	4x	4.7		0.26	1.2220	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP						0.006625811	0.033129057	
CRCO	Diacyclops thomasi	F	15-25-17		4	1	4x	4.6		0.26	1.1960	0.178982656	1.492	1.990	0.006348	5	0.031741	EPA SOP						0.006348227	0.031741133	
CRCO	Diacyclops thomasi	F	15-25-17		4	1	4x	4.9		0.26	1.2740	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP						0.007198708	0.035993538	
CRCO	Diacyclops thomasi	F	15-25-24		4	1	4x	4.5		0.26	1.1700	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP						0.006076552	0.030382761	
CRCO	Diacyclops thomasi	F	15-25-24		4	1	4x	4.8		0.26	1.2480	0.22154227	1.492	1.990	0.006909	5	0.034547	EPA SOP						0.006909305	0.034546527	
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.1		0.26	0.5460	0.22154227	1.492	1.990	0.006909	5	0.034547	EPA SOP	0.030	0.015	0.100	0.00050	0.00496	EPA SOP	0.000495639	0.004956387
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.4		0.26	0.6240	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP	0.030	0.015	0.100	0.00074	0.00496	EPA SOP	0.000739846	0.007398456
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.2		0.26	0.5720	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP	0.030	0.015	0.100	0.00057	0.00570	EPA SOP	0.000569869	0.005698695
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.8		0.26	0.7280	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP	0.030	0.015	0.100	0.00117	0.01175	EPA SOP	0.001174847	0.011748473
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.2		0.26	0.5720	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP	0.030	0.015	0.100	0.00057	0.00570	EPA SOP	0.000569869	0.005698695
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.3		0.26	0.5980	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP	0.030	0.015	0.100	0.00065	0.00651	EPA SOP	0.000651165	0.006511647
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.9		0.26	0.7540	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP	0.030	0.015	0.100	0.00131	0.01305	EPA SOP	0.001305273	0.013052729
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.7		0.26	0.7020	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP	0.030	0.015	0.100	0.00105	0.01053	EPA SOP	0.001053413	0.010534129
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	2.8		0.26	0.7280	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP	0.030	0.015	0.100	0.00117	0.01175	EPA SOP	0.001174847	0.011748473
ROTI	Kellicottia sp.	n/a	15-25-01		4	1	4x	3		0.26	0.7800	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP	0.030	0.015	0.100	0.00145	0.01445	EPA SOP	0.001445011	0.014450108
ROTI	Kellicottia sp.	n/a	15-25-02		4	1	4x	2.7		0.26	0.7020	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP	0.030	0.015	0.100	0.00105	0.01053	EPA SOP	0.001053413	0.010534129
ROTI	Kellicottia sp.	n/a	15-25-02		4	1	4x	2		0.26	0.5200	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP	0.030	0.015	0.100	0.00043	0.00428	EPA SOP	0.000428151	0.004281514
ROTI	Kellicottia sp.	n/a	15-25-02		4	1	4x	2.8		0.26	0.7280	0.242161557	1.492	1.990	0.007199	5	0.035994	EPA SOP	0.030	0.015	0.100	0.00117	0.01175	EPA SOP	0.001174847	0.011748473
ROTI	Kellicottia sp.	n/a	15-25-02		4	1	4x	2.6		0.26	0.6760	0.157003749	1.492	1.990	0.006077	5	0.030383	EPA SOP	0.030	0.015	0.100	0.00094	0.00941	EPA SOP	0.000940649	0.009406485
ROTI	Kellicottia sp.	n/a	15-25-02		4	1	4x	3		0.26	0.7800	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP	0.030	0.015	0.100	0.00145	0.01445	EPA SOP	0.001445011	0.014450108
ROTI	Kellicottia sp.	n/a	15-25-02		4	1	4x	3		0.26	0.7800	0.200488861	1.492	1.990	0.006626	5	0.033129	EPA SOP	0.030	0.015	0.100	0.00145	0.01445	EPA SOP	0.001445011	0.014450108
ROTI	Kellicottia sp.	n/a	15-25-02																							

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Group/code	Taxon	Stage	Biological Sample	Client Sample	Unit	Conversion (mm)	Objective	Length (units)	Width (units)	Calibration	Length (mm)	CRUSTACEA - Ln(Length)	CRUSTACEA - Ln(a)	CRUSTACEA - β	CRUSTACEA - mg DW	CRUSTACEA - WW/DW	CRUSTACEA - mg WW	CRUSTACEA α/β Reference	Rotifera - FF	Rotifera - %BV	Rotifera - WW/DW	Rotifera - mg DW	Rotifera - mg WW	Rotifera - FF/%BV Reference	Final Biomass - DW	Final Biomass - WW
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.5		0.26	0.1300								0.260	0.000	0.100	0.00006	0.00057	EPA SOP	0.000057122	0.00057122
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.7		0.26	0.1820								0.260	0.000	0.100	0.00016	0.00157	EPA SOP	0.000156743	0.001567428
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.8		0.26	0.2080								0.260	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233972	0.002339717
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.8		0.26	0.2080								0.260	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233972	0.002339717
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.5		0.26	0.1300								0.260	0.000	0.100	0.00006	0.00057	EPA SOP	0.000057122	0.00057122
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.6		0.26	0.1560								0.260	0.000	0.100	0.00010	0.00099	EPA SOP	9.87068E-05	0.000987068
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.5		0.26	0.1300								0.260	0.000	0.100	0.00006	0.00057	EPA SOP	0.000057122	0.00057122
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.6		0.26	0.1560								0.260	0.000	0.100	0.00010	0.00099	EPA SOP	9.87068E-05	0.000987068
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.7		0.26	0.1820								0.260	0.000	0.100	0.00016	0.00157	EPA SOP	0.000156743	0.001567428
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.6		0.26	0.2080								0.260	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233972	0.002339717
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.9		0.26	0.2340								0.260	0.000	0.100	0.00033	0.00333	EPA SOP	0.000333136	0.003331355
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.5		0.26	0.1300								0.260	0.000	0.100	0.00006	0.00057	EPA SOP	0.000057122	0.00057122
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.7		0.26	0.1820								0.260	0.000	0.100	0.00016	0.00157	EPA SOP	0.000156743	0.001567428
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.8		0.26	0.2080								0.260	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233972	0.002339717
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.5		0.26	0.1300								0.260	0.000	0.100	0.00006	0.00057	EPA SOP	0.000057122	0.00057122
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.7		0.26	0.1820								0.260	0.000	0.100	0.00016	0.00157	EPA SOP	0.000156743	0.001567428
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.8		0.26	0.2080								0.260	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233972	0.002339717
ROTI	Conochilus sp.	n/a	15-25-01		4	1		0.5		0.26	0.1300								0.260	0.000	0.100	0.00006	0.00057	EPA SOP	0.000057122	0.00057122
ROTI	Conochilus sp.	n/a																								

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Groupcode	Taxon	Stage	Biologica Sample	Client Sample	Unit	Conversion (mm)	Objective	Length (units)	Width (units)	Calibration	Length (mm)	CRUSTACEA - Ln(Length)	CRUSTACEA - Ln(α)	CRUSTACEA - β	CRUSTACEA - mg DW	CRUSTACEA - WW-DW	CRUSTACEA - mg WW	CRUSTACEA α/β Reference	Rotifera - FF	Rotifera - %BV	Rotifera - WW-DW	Rotifera - mg DW	Rotifera - mg WW	Rotifera - FF/%BV Reference	Final Biomass - DW	Final Biomass - WW
ROTI	Collotheca sp.	n/a	15-25-01		4	1	4x	0.7		0.26	0.1820								1.800	0.000	0.100	0.00109	0.01085	EPA SOP	0.001085142	0.010851422
ROTI	Synchaeta sp.	n/a	15-25-03		4	1	4x	1.1		0.26	0.2860								0.100	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233937	0.002339366
ROTI	Synchaeta sp.	n/a	15-25-03		4	1	4x	9		0.26	2.3400								0.100	0.000	0.100	0.12813	1.28129	EPA SOP	0.12812904	1.2812904
ROTI	Synchaeta sp.	n/a	15-25-03		4	1	4x	1.3		0.26	0.3380								0.100	0.000	0.100	0.00039	0.00386	EPA SOP	0.000386145	0.003861447
ROTI	Synchaeta sp.	n/a	15-25-03		4	1	4x	1		0.26	0.2600								0.100	0.000	0.100	0.00018	0.00176	EPA SOP	0.00017576	0.0017576
ROTI	Synchaeta sp.	n/a	15-25-04		4	1	4x	1.1		0.26	0.2860								0.100	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233937	0.002339366
ROTI	Synchaeta sp.	n/a	15-25-04		4	1	4x	0.8		0.26	0.2080								0.100	0.000	0.100	0.00009	0.00090	EPA SOP	8.99891E-05	0.000898991
ROTI	Synchaeta sp.	n/a	15-25-04		4	1	4x	1		0.26	0.2600								0.100	0.000	0.100	0.00018	0.00176	EPA SOP	0.00017576	0.0017576
ROTI	Synchaeta sp.	n/a	15-25-04		4	1	4x	1		0.26	0.2600								0.100	0.000	0.100	0.00018	0.00176	EPA SOP	0.00017576	0.0017576
ROTI	Synchaeta sp.	n/a	15-25-04		4	1	4x	1.1		0.26	0.2860								0.100	0.000	0.100	0.00023	0.00234	EPA SOP	0.000233937	0.002339366
ROTI	Synchaeta sp.	n/a	15-25-09		4	1	4x	1.3		0.26	0.3380								0.100	0.000	0.100	0.00039	0.00386	EPA SOP	0.000386145	0.003861447
ROTI	Synchaeta sp.	n/a	15-25-09		4	1	4x	1.1		0.26	0.2340								0.100	0.000	0.100	0.00013	0.00128	EPA SOP	0.000128129	0.00128129
ROTI	Synchaeta sp.	n/a	15-25-09		4	1	4x	1.2		0.26	0.3120								0.100	0.000	0.100	0.00030	0.00304	EPA SOP	0.000303713	0.003037133
ROTI	Synchaeta sp.	n/a	15-25-09		4	1	4x	1.4		0.26	0.3640								0.100	0.000	0.100	0.00048	0.00482	EPA SOP	0.000482285	0.004822854
ROTI	Synchaeta sp.	n/a	15-25-09		4	1	4x	1.2		0.26	0.3120								0.100	0.000	0.100	0.00030	0.00304	EPA SOP	0.000303713	0.003037133
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.5		0.26	0.3900	-0.94160854	1.050	2.460	0.000282	5	0.001409	EPA SOP; Calanoid copepodites							0.000281857	0.001409283
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.7		0.26	0.4420	-0.816445397	1.050	2.460	0.000383	5	0.001917	EPA SOP; Calanoid copepodites							0.000383485	0.001917423
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	2.1		0.26	0.5460	-0.605136303	1.050	2.460	0.000645	5	0.003225	EPA SOP; Calanoid copepodites							0.000644916	0.00322458
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites							0.000131422	0.000657112
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.4		0.26	0.3640	-1.010601411	1.050	2.460	0.000238	5	0.001189	EPA SOP; Calanoid copepodites							0.000237858	0.001189292
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.3		0.26	0.3380	-1.084709383	1.050	2.460	0.000198	5	0.000991	EPA SOP; Calanoid copepodites							0.000198219	0.000991093
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	0.7		0.26	0.1820	-1.703748592	1.050	2.460	0.000043	5	0.000216	EPA SOP; Calanoid copepodites							4.323E-05	0.00021615
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-01		4	1	4x	1.5		0.26	0.3900	-0.94160854	1.050	2.460	0.000282	5	0.001409	EPA SOP; Calanoid copepodites							0.000281857	0.001409283
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	0.8		0.26	0.2080	-1.570217199	1.050	2.460	0.000060	5	0.000300	EPA SOP; Calanoid copepodites							6.00406E-05	0.000300203
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites							0.000103955	0.000519773
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites							0.000131422	0.000657112
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites							0.000103955	0.000519773
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	2.5		0.26	0.6500	-0.430782916	1.050	2.460	0.000990	5	0.004952	EPA SOP; Calanoid copepodites							0.000990321	0.004951606
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites							0.000131422	0.000657112
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites							0.000131422	0.000657112
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites							0.000103955	0.000519773
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites							0.000103955	0.000519773
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.3		0.26	0.3380	-1.084709383	1.050	2.460	0.000198	5	0.000991	EPA SOP; Calanoid copepodites							0.000198219	0.000991093
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites							0.000131422	0.000657112
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-02		4	1	4x	1.5		0.26	0.3900	-0.94160854	1.050	2.460	0.000282	5	0.001409	EPA SOP; Calanoid copepodites							0.000281857	0.001409283
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.5		0.26	0.3900	-0.94160854	1.050	2.460	0.000282	5	0.001409	EPA SOP; Calanoid copepodites							0.000281857	0.001409283
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites							0.000162791	0.000813953
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.3		0.26	0.3380	-1.084709383	1.050	2.460	0.000198	5	0.000991	EPA SOP; Calanoid copepodites							0.000198219	0.000991093
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites							0.000131422	0.000657112
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.5		0.26	0.3900	-0.94160854	1.050	2.460	0.000282	5	0.001409	EPA SOP; Calanoid copepodites							0.000281857	0.001409283
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites							0.000131422	0.000657112
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x	1.3		0.26	0.3380	-1.084709383	1.050	2.460	0.000198	5	0.000991	EPA SOP; Calanoid copepodites							0.000198219	0.000991093
CRCO	Calanoida indet.	Nauplius	15-25-03		4	1	4x																			

Zooplankton biomeasurements and conversions for calculation of biomass data, Azimuth Nunavut 2015

Groupcode	Taxon	Stage	Biologica Sample	Client Sample	Unit	Conversion (mm)	Objective	Length (units)	Width (units)	Calibration	Length (mm)	CRUSTACEA - Ln(Length)	CRUSTACEA - Ln(a)	CRUSTACEA - β	CRUSTACEA - mg DW	CRUSTACEA - WW-DW	CRUSTACEA - mg WW	CRUSTACEA α/β Reference	Rotifera - FF	Rotifera - %BV	Rotifera - WW-DW	Rotifera - mg DW	Rotifera - mg WW	Rotifera - FF/%BV Reference	Final Biomass - DW	Final Biomass - WW
CRCO	Calanoida indet.	Nauplius	15-25-07		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-07		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-07		4	1	4x	1.3		0.26	0.3380	-1.084709383	1.050	2.460	0.000198	5	0.000991	EPA SOP; Calanoid copepodites						0.000198219	0.000991093	
CRCO	Calanoida indet.	Nauplius	15-25-07		4	1	4x	1.3		0.26	0.3380	-1.084709383	1.050	2.460	0.000198	5	0.000991	EPA SOP; Calanoid copepodites						0.000198219	0.000991093	
CRCO	Calanoida indet.	Nauplius	15-25-07		4	1	4x	1.4		0.26	0.3640	-1.010601411	1.050	2.460	0.000238	5	0.001189	EPA SOP; Calanoid copepodites						0.000237858	0.001189292	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1.4		0.26	0.3640	-1.010601411	1.050	2.460	0.000238	5	0.001189	EPA SOP; Calanoid copepodites						0.000237858	0.001189292	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1		0.26	0.2600	-1.347073648	1.050	2.460	0.000104	5	0.000520	EPA SOP; Calanoid copepodites						0.000103955	0.000519773	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites						0.000162791	0.000813953	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1.3		0.26	0.3380	-1.084709383	1.050	2.460	0.000198	5	0.000991	EPA SOP; Calanoid copepodites						0.000198219	0.000991093	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites						0.000162791	0.000813953	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-08		4	1	4x	1.5		0.26	0.3900	-0.94160854	1.050	2.460	0.000282	5	0.001409	EPA SOP; Calanoid copepodites						0.000281857	0.001409283	
CRCO	Calanoida indet.	Nauplius	15-25-09		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites						0.000162791	0.000813953	
CRCO	Calanoida indet.	Nauplius	15-25-09		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.460	0.000163	5	0.000814	EPA SOP; Calanoid copepodites						0.000162791	0.000813953	
CRCO	Calanoida indet.	Nauplius	15-25-09		4	1	4x	1.1		0.26	0.2860	-1.251763468	1.050	2.460	0.000131	5	0.000657	EPA SOP; Calanoid copepodites						0.000131422	0.000657112	
CRCO	Calanoida indet.	Nauplius	15-25-09		4	1	4x	1.2		0.26	0.3120	-1.164752091	1.050	2.												