Table S1. Size of *C. elongatus* adult males and adult egg bearing females at temperatures from 6-15°C. TL=total length, C=cephalothorax length, G=genital segment length, A=abdomen length, MESL= mean egg string length, eggs=mean number of eggs pr. egg string. Standard deviations and sample sizes are given in brackets.

	Temp	TL (mm)	C (mm)	G (mm)	A (mm)	MESL	# eggs string^{-1}
Females	6	5.6 (0.5, n=17)	2.5 (0.1, n=17)	1.5 (0.2, n=17)	1.0 (0.1, n=17)	3.66 (0.65, n=16)	59.1 (3.8, n=17)
	9	5.1 (0.3, n=68)	2.5 (0.2, n=68)	1.5 (0.1, n=68)	1.0 (0.5, n=68)	3.94 (0.52, n=68)	67.2 (1.3, n=68)
	12	4.6 (0.6, n=24)	2.2 (0.3, n=24)	1.4 (0.2, n=24)	0.8 (0.2, n=24)	3.11 (0.72, n=24)	52.5 (2.8, n=24)
	15	4.5 (0.3, n=9)	2.1 (0.1, n=9)	1.2 (0.1, n=9)	0.8 (0.1, n=9)	2.81 (0.48, n=9)	41.9 (2.7, n=9)
Males	6	4.0 (0.2, n=19)	2.3 (0.1, n=19)	0.7 (0.1, n=19)	0.7 (0.1, n=19)		
	9	3.7 (0.3, n=43)	2.2 (0.2, n=43)	0.7 (0.1, n=43)	0.6 (0.1, n=43)		
	12	3.8 (0.6, n=4)	2.1 (0.2, n=4)	0.7 (0.1, n=4)	0.7 (0.1, n=4)		
	15	3.5 (0.4, n=9)	2.1 (0.2, n=9)	0.7 (0.1, n=9)	0.7 (0.1, n=9)		

Table S2. Length of *C. elongatus* females vs. temperature, one way ANOVA: Univariate Tests of Significance for total length of females between temperatures 6-9-12-15°C. Sigma-restricted parameterization. Red fonts indicate significant effect ($p<0.05$)

Effect	SS	df	MS	*F*	p
Intercept	1725.2	1	1725.2	9842.6	<0.001
Temp	13.9	3	4.6	26.4	<0.001
Error	20.0	114	0.2		

Table S3. Length of *C. elongatus* females vs. temperature, one way ANOVA, post hoc: Unequal N HSD, Error: Between MS = 0.17528, df = 114.00. Means are listed in Table 1. Red fonts indicate significant p-values ($p<0.05$).

Cell No.	Temp	{1}	{2}	{3}	{4}
1	6		0.000813	0.000137	0.000137
2	9	0.000813		0.000846	0.014324
3	12	0.000137	0.000846		0.919160
4	15	0.000137	0.014324	0.919160	

Table S4. *C. elongatus* egg string length vs. temperature, one-way ANOVA: Univariate Tests of Significance for egg string length between temperatures 6-9-12-15°C. Sigma-restricted parameterization. Red fonts indicate significant effect ($p<0.05$)

Effect	SS	df	MS	*F*	p
Intercept	1377.2	1	1377.19	3910.79	<0.001
Temp	41.3	3	13.76	39.06	<0.001
Error	74.0	210	0.35		

Table S5. *C. elongatus* egg string length vs. temperature, one-way ANOVA, post hoc: Unequal N HSD, Error: Between MS = 0.35215, df = 210.00. Means are listed in Table. A1. Red fonts indicate significant p-values ($p<0.05$).

Cell No.	Temp	{1}	{2}	{3}	{4}
1	6		0.393714	0.001157	0.000060
2	9	0.393714		0.000008	0.000008
3	12	0.001157	0.000008		0.559311
4	15	0.000060	0.000008	0.559311	

Table S6. *C. elongatus* copepodid survival time vs. temperature, one-way ANOVA: Univariate Tests of Significance for Copepodid survival time between temperatures 6-9-12-15°C. Sigma-restricted parameterization. Red fonts indicate significant effect ($p<0.05$)

Effect	SS	df	MS	*F*	p
Intercept	1553.22	1.00	1553.22	890.04	<0.001
Temp	178.72	3.00	59.57	34.14	<0.001
Error	89.00	51.00	1.75		

Table S7. *C. elongatus* copepodid survival time vs. temperature, one-way ANOVA, post hoc: Unequal N HSD, Error: Between MS = 1.7451, df = 51.000. Red fonts indicate significant p-values ($p<0.05$).

Cell No.	Temp	{1}	{2}	{3}	{4}
1	6		0.432519	0.000164	0.000164
2	9	0.432519		0.000164	0.000173
3	12	0.000164	0.000164		0.725477
4	15	0.000164	0.000173	0.725477	