

Supplementary Materials

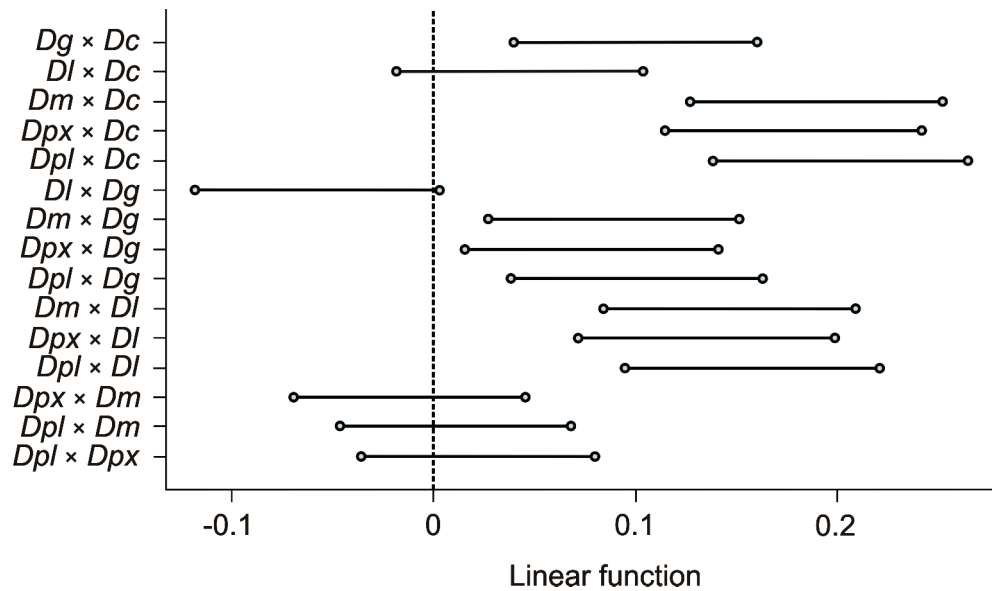


Figure S1. 95% confidence intervals for the differences in growth rate (d^{-1}) between each studied species.

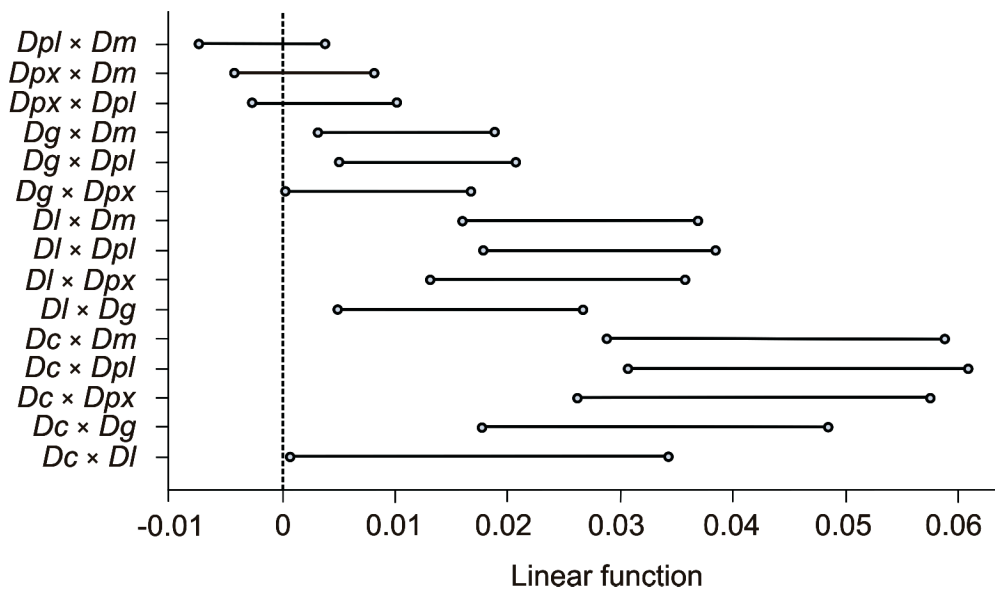


Figure S2. 95% bootstrapped confidence intervals for the differences in the threshold food concentration ($\text{mg C}_{\text{org}} \times \text{L}^{-1}$) between each studied species in normoxia.

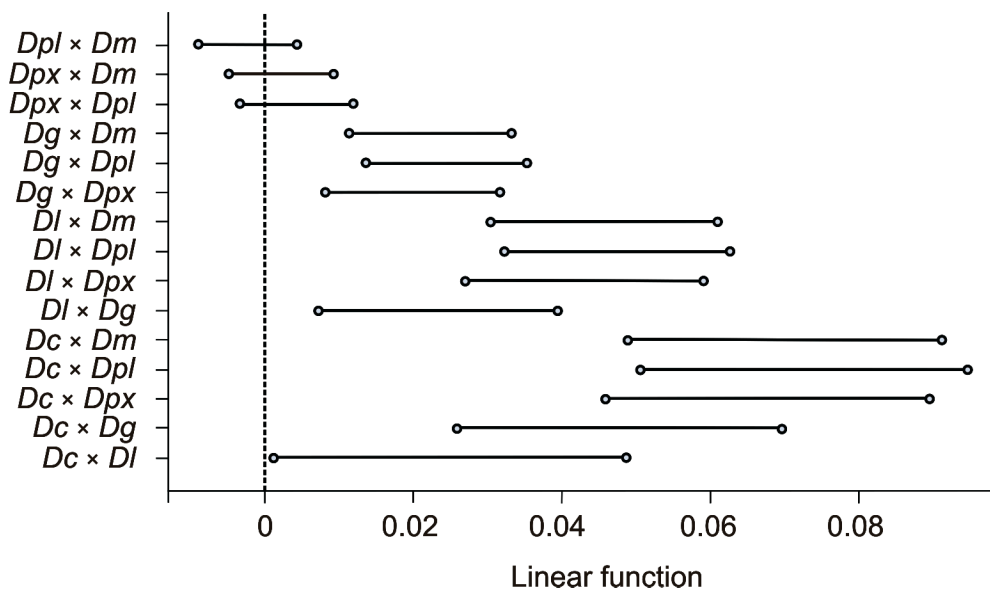


Figure S3. 95% bootstrapped confidence intervals for the differences in the threshold food concentration (mg C_{org} × L⁻¹) between each studied species in hypoxia.

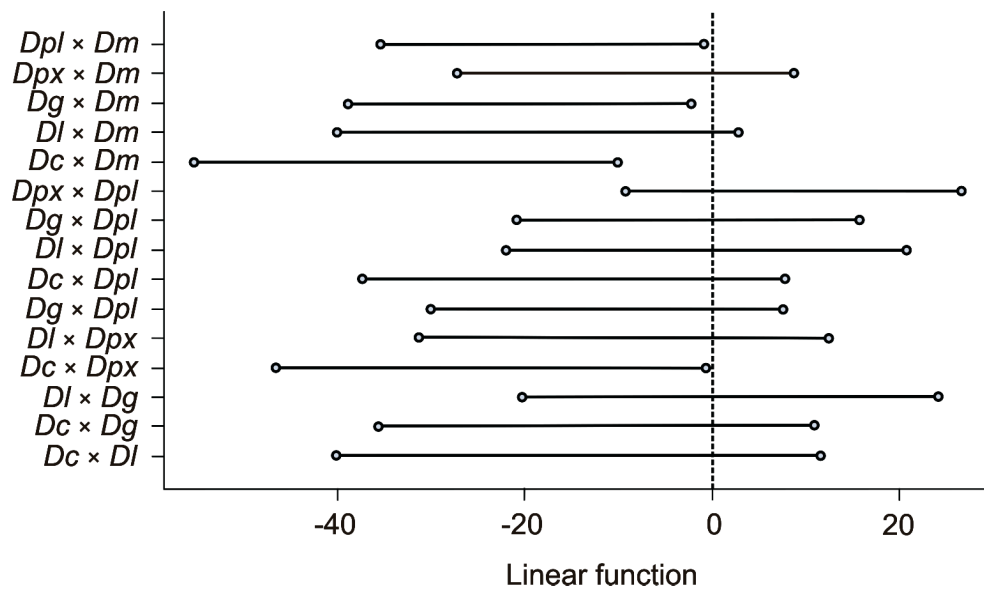


Figure S4. 95% confidence intervals for the differences in haemoglobin production ($\mu\text{g} \times \text{mg}^{-1}$) between each studied species.

Table S1. *Daphnia* species and clones used in our study, as well as their body size at first reproduction (mm), date of their isolation and their location of origin.

Species	Clone	Body size at first reproduction (mm)	Date of isolation	Location
<i>D. cucullata</i>	CT2	0.81	04.2020	Poland (53°40'19.5"N 21°55'43.2"E)
<i>D. cucullata</i>	CT1	0.81	04.2020	Poland (53°40'19.5"N 21°55'43.2"E)
<i>D. cucullata</i>	CR2	0.80	04.2020	Poland (53°40'19.5"N 21°55'43.2"E)
<i>D. cucullata</i>	CR1	0.81	04.2020	Poland (53°40'19.5"N 21°55'43.2"E)
<i>D. longispina</i>	LB2	1.34	04.2020	Poland (53°61'41.7"N 21°74'15.5"E)
<i>D. longispina</i>	LR12	1.35	04.2020	Poland (53°40'19.5"N 21°55'43.2"E)
<i>D. longispina</i>	LB1	1.36	04.2020	Poland (53°61'41.7"N 21°74'15.5"E)
<i>D. longispina</i>	LR4	1.36	04.2020	Poland (53°40'19.5"N 21°55'43.2"E)
<i>D. galeata</i>	GB1	1.43	06.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. galeata</i>	GB2	1.41	06.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. galeata</i>	Brz3	1.41	04.2020	Poland (53°61'41.7, 21°74'15.5)
<i>D. galeata</i>	GB7	1.40	06.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. pulex</i>	PC69	1.58	05.2020	Poland (53°41'58.7"N 21°55'39.0"E)
<i>D. pulex</i>	PB1	1.52	06.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. pulex</i>	PB2	1.53	06.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. pulex</i>	Pc6	1.58	05.2020	Poland (53°41'58.7"N 21°55'39.0"E)
<i>D. pulicaria</i>	PD02	1.83	05.2020	Poland (53°69'08.1"N 21°89'38.5"E)
<i>D. pulicaria</i>	PCB1	1.85	08.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. pulicaria</i>	PCB2	1.85	08.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. pulicaria</i>	G8	1.60	07.2017	Switzerland (47°20'51.3"N 8°41'21.3"E)
<i>D. magna</i>	MB02	1.95	08.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. magna</i>	MB01	1.96	08.2016	Germany (54°19'27.3"N 10°37'53.2"E)
<i>D. magna</i>	D	1.93	07.2013	Czech Republic (50°31'62.9"N 13°89'45.4"E)
<i>D. magna</i>	N	1.92	07.2013	Czech Republic (49°75'05.3"N 14°13'88.1"E)