

Table S1. Mean \pm standard deviation (s.d.) of measurements, relative and absolute growth of species.

Species	Treatment	n	Measurements				Relative (%)		Absolute	
			Body size (mm)		Weight (mg)		Body size	Weight	Body size (mm)	Weight (mg)
			Initial	Final	Initial	Final	Mean \pm s.d.	Mean \pm s.d.	Mean \pm s.d.	Mean \pm s.d.
<i>T. typhonus</i>	0°	11	12.03 \pm 0.63	15.31 \pm 1.15	286.76 \pm 40.51	644.89 \pm 88.85	0.27 \pm 0.10	1.26 \pm 0.28	3.30 \pm 1.20	358.10 \pm 74.30
	45°	9	12.24 \pm 1.03	15.06 \pm 1.23	276.61 \pm 52.05	601.58 \pm 111.27	0.23 \pm 0.10	1.20 \pm 0.42	2.80 \pm 1.20	324.90 \pm 93.50
	90°	11	12.30 \pm 1.12	14.16 \pm 0.97	284.89 \pm 63.06	565.10 \pm 110.62	0.15 \pm 0.07	1.00 \pm 0.26	1.90 \pm 0.80	280.20 \pm 70.60
	135°	11	11.84 \pm 1.03	14.38 \pm 0.77	268.82 \pm 54.32	534.76 \pm 87.19	0.21 \pm 0.07	1.02 \pm 0.32	2.50 \pm 0.70	265.90 \pm 76.20
	180°	11	11.99 \pm 0.57	14.68 \pm 1.29	268.99 \pm 43.23	564.85 \pm 130.58	0.22 \pm 0.09	1.09 \pm 0.38	2.70 \pm 1.10	295.90 \pm 106.40
				12.08 \pm 0.88	14.72 \pm 1.08	277.21 \pm 50.63	582.24 \pm 105.70	0.22 \pm 0.09	1.11 \pm 0.33	2.60 \pm 1.00
<i>D. minutus</i>	0°	11	10.77 \pm 0.96	11.80 \pm 0.69	64.65 \pm 11.73	356.03 \pm 45.14	0.10 \pm 0.08	4.75 \pm 1.64	1.00 \pm 0.70	291.30 \pm 51.20
	45°	10	10.09 \pm 0.77	11.22 \pm 1.08	89.39 \pm 14.81	268.90 \pm 68.43	0.11 \pm 0.05	2.03 \pm 0.62	1.10 \pm 0.60	179.50 \pm 62.10
	90°	11	10.31 \pm 1.11	11.35 \pm 1.22	70.88 \pm 17.08	287.67 \pm 61.30	0.10 \pm 0.07	3.22 \pm 1.21	1.00 \pm 0.70	216.80 \pm 57.80
	135°	11	11.05 \pm 0.82	12.06 \pm 0.99	73.90 \pm 14.50	320.15 \pm 64.49	0.09 \pm 0.08	3.48 \pm 1.33	1.00 \pm 0.80	246.20 \pm 65.50
	180°	11	10.16 \pm 0.96	11.37 \pm 0.94	61.68 \pm 17.17	293.06 \pm 66.84	0.12 \pm 0.06	4.02 \pm 1.68	1.20 \pm 0.60	231.40 \pm 65.40
				10.48 \pm 0.92	11.56 \pm 0.98	72.10 \pm 15.06	305.16 \pm 61.24	0.10 \pm 0.07	3.50 \pm 1.30	1.00 \pm 0.70
<i>S. fuscovarius</i>	0°	9	7.71 \pm 0.61	9.93 \pm 0.80	124.83 \pm 37.93	241.63 \pm 41.12	0.29 \pm 0.08	1.00 \pm 0.37	2.20 \pm 0.60	116.80 \pm 28.70
	45°	10	8.56 \pm 0.51	10.35 \pm 0.90	162.94 \pm 28.57	308.00 \pm 79.81	0.20 \pm 0.07	0.88 \pm 0.32	1.80 \pm 0.70	145.00 \pm 61.10
	90°	8	8.73 \pm 0.63	10.20 \pm 0.99	149.39 \pm 38.57	270.63 \pm 86.79	0.16 \pm 0.07	0.79 \pm 0.21	1.40 \pm 0.70	121.20 \pm 51.40
	135°	9	8.07 \pm 0.52	9.53 \pm 1.05	139.03 \pm 20.32	228.04 \pm 58.05	0.18 \pm 0.11	0.64 \pm 0.32	1.40 \pm 0.90	89.00 \pm 48.80
	180°	10	7.56 \pm 0.53	9.53 \pm 0.82	115.71 \pm 11.99	224.02 \pm 45.92	0.26 \pm 0.12	0.93 \pm 0.30	1.90 \pm 0.90	108.30 \pm 39.90
				8.13 \pm 0.56	9.91 \pm 0.91	138.38 \pm 27.48	254.46 \pm 62.34	0.22 \pm 0.09	0.85 \pm 0.30	1.70 \pm 0.70
<i>L. fuscus</i>	0°	9	9.37 \pm 0.53	11.41 \pm 0.63	134.11 \pm 19.22	293.41 \pm 61.36	0.21 \pm 0.33	1.18 \pm 0.07	2.00 \pm 0.60	159.30 \pm 50.10
	45°	11	9.62 \pm 0.43	11.32 \pm 0.73	152.75 \pm 21.84	298.90 \pm 33.57	0.17 \pm 0.19	0.97 \pm 0.05	1.70 \pm 0.50	146.10 \pm 22.70
	90°	9	9.55 \pm 0.81	11.36 \pm 0.58	144.48 \pm 34.53	291.24 \pm 61.02	0.19 \pm 0.57	1.08 \pm 0.08	1.80 \pm 0.70	146.80 \pm 53.30

	135°	10	9.35 ± 0.57	11.32 ± 0.58	145.15 ± 27.38	285.54 ± 45.98	0.21 ± 0.16	0.98 ± 0.06	1.90 ± 0.60	140.40 ± 25.50
	180°	9	9.58 ± 0.48	11.92 ± 0.52	143.18 ± 15.00	324.16 ± 40.90	0.24 ± 0.35	1.28 ± 0.07	2.30 ± 0.60	180.90 ± 40.40
			9.49 ± 0.56	11.47 ± 0.61	143.93 ± 23.59	298.65 ± 48.57	0.20 ± 0.32	1.10 ± 0.07	1.90 ± 0.60	154.90 ± 38.40
	0°	12	7.93 ± 0.73	8.62 ± 0.77	103.93 ± 22.91	156.53 ± 32.22	0.09 ± 0.06	0.53 ± 0.29	0.70 ± 0.40	52.60 ± 21.50
	45°	11	7.62 ± 0.49	8.27 ± 0.39	100.55 ± 19.95	148.36 ± 22.33	0.08 ± 0.04	0.49 ± 0.17	0.60 ± 0.30	47.80 ± 14.90
<i>P. cuvieri</i>	90°	12	7.86 ± 0.76	8.66 ± 0.71	105.94 ± 21.32	165.11 ± 28.49	0.10 ± 0.06	0.58 ± 0.19	0.80 ± 0.60	59.10 ± 14.70
	135°	11	7.42 ± 0.65	7.96 ± 0.35	92.94 ± 19.17	123.56 ± 14.08	0.07 ± 0.05	0.36 ± 0.18	0.50 ± 0.30	30.60 ± 11.50
	180°	12	7.38 ± 0.45	7.93 ± 0.51	90.87 ± 17.64	120.23 ± 26.68	0.07 ± 0.06	0.32 ± 0.16	0.50 ± 0.50	29.30 ± 15.60
			7.64 ± 0.62	8.29 ± 0.55	98.84 ± 20.20	142.76 ± 24.76	0.08 ± 0.05	0.46 ± 0.20	0.60 ± 0.40	43.80 ± 15.60

Measures of weight and body size were taken on the first day of the experiment before releasing the tadpoles into the aquaria (Initial), and on the seventh day, at the end of the experiment (Final). Relative growth was calculated as Eqn1. Absolute growth was calculated as the difference between the initial and final measures of tadpoles. Values in bold represent mean and s.d. for the species, considering all orientations. n: number of tadpoles by treatment.