

Table S1 – Details of sites where female *Zootoca vivipara* were captured in the first week of June 2018 on the Plateau de Millevache (Limousin, France).

Site	Longitude (N)	Latitude (E)	Altitude (m a.s.l.)	# females captured
1	45°45'52.6"	2°01'20.5"	755	39
2	45°35'53.4"	2°04'16.2"	884	27
3	45°42'16.3"	2°01'49.4"	753	20
4	45°52'56.6"	1°54'47.2"	646	5
5	45°46'12.1"	1°59'53.3"	796	6

Table S2 – Details of reproductive female *Zootoca vivipara* held in either hot and dry (HD), hot and wet (HW), cold and dry (CD), or cold and wet (CW) conditions throughout pregnancy (mean \pm SEM).

Treatment	Mass ^I (g)	Mass ^F (g)	Tail width ^I (mm)	Tail width ^F (mm)	Osmolality ^I (mOsm kg ⁻¹)	Osmolality ^F (mOsm kg ⁻¹)
HD	5.16 \pm 0.36	5.28 \pm 0.29	5.14 \pm 0.13	4.78 \pm 0.1	308.02 \pm 1.78	323.5 \pm 2.64
HW	4.89 \pm 0.36	5.29 \pm 0.29	5.12 \pm 0.10	4.91 \pm 0.09	311.25 \pm 1.89	317.59 \pm 1.38
CD	5.16 \pm 0.34	5.77 \pm 0.29	5.15 \pm 0.12	4.86 \pm 0.10	305.11 \pm 2.51	314.23 \pm 2.03
CW	4.97 \pm 0.34	5.73 \pm 0.28	5.06 \pm 0.14	4.98 \pm 0.13	322.76 \pm 3.25	315.54 \pm 2.70

I - initial value prior to the start of the experiment. *F* - final value just after parturition.