

**Table S1.**

No.	Paper	Source Population(s)	Fish Size	Sex	Hot/Cold	Acclimation Methods	Rate of Change	Endpoint
1	Meffe et al., 1995	Reservoir and farm pond in Aiken North Carolina, USA	35–39 mm (reservoir) 5–40 mm (pond)	B	Hot	25°C for 7–10 days	0.4°C/min	Loss of orientation, loss of righting response
2	Johnson, 1976	Culture tanks in Concord, California, USA	Sexually mature	M, F	Hot	18–19°C for 1 day	0.3°C/min	Mortality, loss of orientation
3	Carveth et al., 2006	Rivers and creeks of southern Arizona, USA	>30 mm	B	Hot	25°C or 30°C for more than 30 days.	0.3°C/min	Loss of equilibrium, opercular flaring, mortality
4	Otto, 1972	Salt Lake City, Utah, USA	23–28 mm	F	Hot, Cold	5–35°C for 2 days × °C increase from wild temp or 4 days × °C decrease from wild temp	0.3°C/min (hot) Instant (cold)	Loss of equilibrium (hot), mortality (cold)
5		Indian Hot Springs Arizona, USA	30–42 mm					
6	Al-Habib and Yacob, 1993	Al-Khawsar River, Mosul City, Iraq	15–35 mm	B	Hot, Cold	10°C, 20°C, 30°C for 30, 21, 15, days, respectively	N.R.	Mortality
	This study	Quasnet River, Massachusetts, USA	0.20–2.66 g (F) 0.10–0.68 g (M)	M, F	Cold	13°C for 7 days	0.011°C/min	Loss of righting response