

SUPPLEMENTARY MATERIAL 3. Populations included in this study. Abbreviations: GNP = Glacier National Park, GRTE = Grand Teton National Park and surrounding mountains. Length refers to body length as measured from the tip of the head to the end of the abdomen. Holding period = time (hours) that specimens were held at 3 °C with no access to food before testing.  $n$  = sample size for each population. Ice-free = the approximate day in summer 2018 when the site became free of seasonal snow as measured with European Space Agency Sentinel-2 data (Copernicus Sentinel 2, 2018).

Population	Range	Latitude, longitude	Ice free date	Length (mm)	Holding period (h)	$n$
Lunch Creek	GNP	48.705, -113.704	12 July	4.9 ± 0.5	72	25
Wind Cave	GRTE	43.667, -110.956	12 June	4.4 ± 0.6	48	20
Mount Saint John	GRTE	43.792, -110.778	5 July	5.6 ± 0.7	12	19
Cloudveil Dome	GRTE	43.725, -110.796	1 Aug	4.5 ± 0.5	12	18
Skillet Glacier	GRTE	43.839, -110.757	20 July	4.6 ± 0.6	12	12
Tetonica Pond	GRTE	43.788, -110.795	15 July	4.9 ± 0.5	12	17