

Table S8. Characteristics of the four soda lakes.

Sample name	Description	Location	Temp. (°C)	pH	GPS Coordinates
DL-M	Deer Lake	Cariboo Plateau, Canada	19.6	10.3	51°21'15.42"N 121°14'43.44"W
GEL-M	Goodenough Lake	Cariboo Plateau, Canada	24.9	10.3	51°19'47.64"N 121°38'28.90"W
LCL-M	Last Chance Lake	Cariboo Plateau, Canada	25.2	10.2	51°19'39.3" N 121°37'59.3"W
PL-M	Probe Lake	Cariboo Plateau, Canada	15.5	10.3	51°27'2.70"N 121°23'15.30"W