

Survivorship Data Sheets:

Treatment: Describes the salt group a given data point is a part of

Species: Describes the copepod species of a given data point

Replication: Number in which the survivorship trial has been repeated with the same treatment and species groups

Collection Date: Date tow was taken from the lake

Acclimation Date: Date the survivorship trials began and copepods were acclimated to their dishes

Collection Time: Time the tow was taken from the lake

Acclimation Time: Time (in military time) the acclimation from spring water to treatment group (salts) completed and survivorship trial began (Hour 0)

Lake Temp: Temperature measured at the lake from the tow sample taken with a thermometer

Lab Temperature: Incubator temperature that the copepods were kept at

Cl Concentration: Number of milligrams of Cl present in each dish

Dose group: Categorical label describing the Cl concentration range in a given survivorship trial

Survivorship / Hour Markers: Approximately every 24 hours (as denoted by the hour markers) survivorship was taken and the number of surviving individuals were recorded in the spreadsheet. Dishes did not always start at 5 animals, but most dishes had 5 animals to begin each trial.

Heat Assays:

Collection Date: Date tow was taken from the lake

Start Temperature: Temperature in which the heat assay began. This temperature was based on the lab temperature and was within 1 degree during each trial.

Assay Date: Date the heat assay took place

Species: Species of copepod being studied in the assay

Replication: Number of times a given trial type has been done with the same dose and salt groups

Treatment: Salt group that is being studied in a given trial

Tube: Tube number / arrangement in the CTMax

CTMax Temp: Temperature in which the copepod no longer responded to stimulus and was removed from the CTMax

CTMax Time: Time from start of the assay in which the copepods no longer responded to stimulus and was removed from the CTmax