Data Dictionary

In the field, record the following information:

* Date
* Average wind (kph)
* Average temp (°C)
* Humidity
* Shade or sun: Is the flower from which the nectar is extracted in the shade or sun?
* Time
* Plot: See Diane’s plot map.
  + Control plots: 2, 3, 6, 7, 10, 11
  + Heated plots: 1, 4, 5, 8, 9, 12
* Treatment:
  + C: control – no heat or snow removal
  + H: Heat treatment only
  + SR: In previous years, this was a snow removal plot, but for 2015 & 2016 there was no snow removal so these default to control plots
  + HSR: See note about snow removal. These default to heat-treatment only plots
* Plant #: For balsamroot plants, each individual plant is numbered in each plot. The numbers repeat for each plot, so Plot 1 and Plot 2 etc. will all have a Plant #1, Plant #2, etc.
* Quadrant: For buckwheat plants, the quadrant of the plot (NE, NW, SE, SW) from which the sample was taken.
* mm (or cm) of tube filled: the length of the column of nectar inside the microcapillary tube after collection
* % sucrose or BRIX: refractometer reading. We had two refractometers, calibrated from 0-50 and 45-80. Samples are destroyed when they are placed on the refractometers, so sometimes the reading would be off the scale (i.e., >50 if high-concentration nectar was placed on the low-reading instrument.)
* Length of microcapillary tube (mm): Indicated on product box. Used to calculate volume
* Volume of microcapillary tube (µL): Indicated on product box. Used to calculate volume
  + Note – length and volume are not recorded on the Excel raw data file (data entry error). The scans of the original data sheets need to be referenced to obtain this information.