**TOMST data analysis**

Ross (a past data scientist in Greg's lab) wrote a script for compiling the TOMST data.

TOMST script: <https://github.com/TundraEcologyLab/AF_database/blob/master/compiling_scripts/compile_bjorkman_tomst_data.R>

It requires the tundra lab R package (that he has been working on). The package is available on the github page here: <https://github.com/TundraEcologyLab/tundra_lab_r_package>

It can be installed by running the following code in R:

install.packages("devtools")

library(devtools)

install\_github("<https://github.com/TundraEcologyLab/tundra_lab_r_package>")

You will likely need to then restart R to make it work properly.

Metadata needs to be formatted as follows in the equivalent file to 2020-Tomst\_loggers.xlsx:

Logger Community Treatment number Logger deployed-date time

TMS 94205367 Ranunculus OTC 4 29-06-2020 9:54

TMS 94205369 Ranunculus Ctr 4 29-06-2020 9:56

TMS 94205304 Ranunculus OTC 2 29-06-2020 11:33

TMS 94205305 Ranunculus Ctr 2 29-06-2020 11:33

TMS 94205302 Eriophorum OTC 2 29-06-2020 14:21

TMS 94205301 Eriophorum Ctr 2 29-06-2020 14:21

Data files were labeled: data\_94205367\_0, ... etc.

Once files are compiled open total file in R: TOMST\_W\_C\_data\_analysis.R