Lotek Meeting with Bree Roman

Questions for her:

* Use of Argos vs gps data
* Even if the argos signal isn’t great, the gps data can be trusted right?
* Reasons a tag would stop transmitting
  + Fell off – many points in one area
  + Battery died
  + Damaged
* Locations near equator, argos passes can be quicker and gps fewer and far between
* Catch up, sending argos locations pretty fast, but not sending as many gps packages
  + Can help to still look at argos data to see if the tag is still transmitting
  + Where might it be?
  + Gps can help figure out where argos locations
  + \*\* can look at argos vs gps
* 098 – little over a month
  + Can look at voltage
* Request voltage on
* Rainy season
* 095 – 3.8 voltage on the last read
* Remove ones where the date is freaky
* By the equator is hit or miss
* Argos is an extra chunk of data you might want to add incase gps isn’t transmitting
  + Class 3 class 2 class 1 are okay to use (1 is worst)
* Gps – 2D less accurate (3 satellites) , 3D (4 satellites)
* 50m
* Look at TAG IDs of Pteropus tags still here – can we turn voltage on
* Google earth pro
* How to get the data
  + Argos website
  + Login
  + View your data – larger dataset over longer period of time
    - Download last 20 days – more precise
  + Download com/vrg/diag
  + All tags
  + 20 days
  + Download
  + DSA.txt
  + Take DSA through data processor
  + Convert
  + Save output GPS + Argos csv
  + Numbers don’t matter but it does have argos ID
  + Open csv
  + Altitude isn’t super accurate
  + For google earth – save as .tag
  + Into pinpoint host
    - Data, export gps data
    - Select source file
    - Export type – KML (bigger version of KMZ)
  + Csv to KML converter
* Including argos and gps can be extremely helpful to fill in gaps for the gps data

IDs of tags yet to put out to enable – voltage

* Maybe tag fell into water
  + Can’t get any transmission
* Very slim it will come back
* Photos

091, 098, 864 – still kind of here

095 might come back