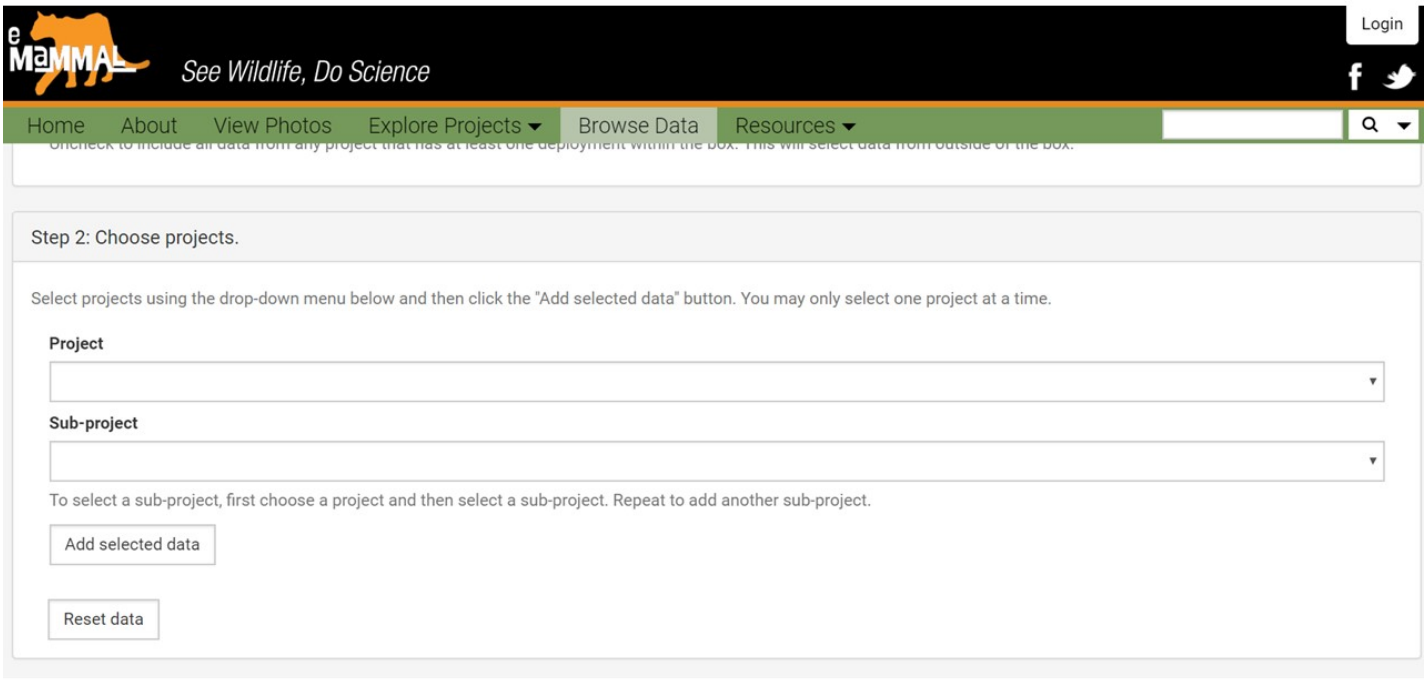
Ingest eMammal Data for R

1. How to download data from the eMammal Website

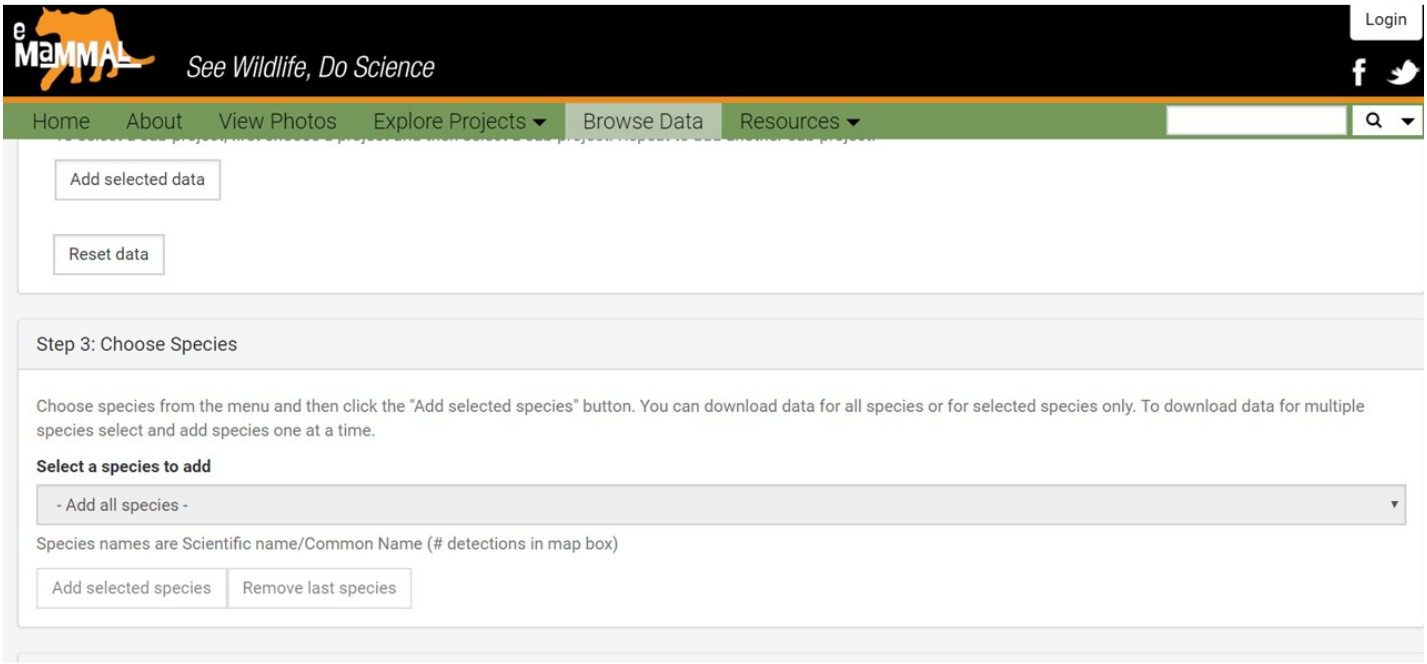
To access and download data from the eMammal Website, go to http://emammal.si.edu/analysis/data-download (http://emammal.si.edu/analysis/data-download)

First, define the geographical areas of interest on the map

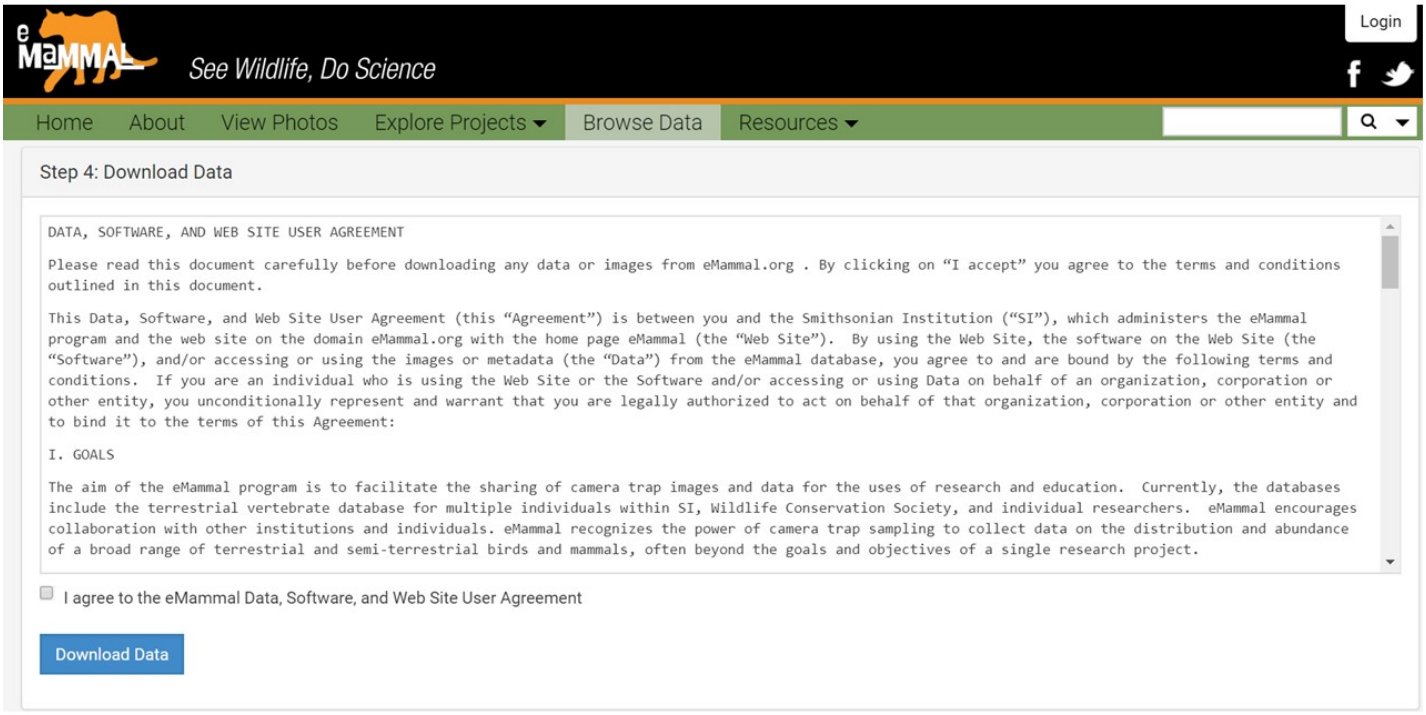
Then, choose project and subproject(s) of interest within the specified region



Then, choose the species of interest (multiple are allowed)



Finally, download the data in your browser after agreeing to the terms



The dataset is a .csv file and the filename will always begin with "sianctapi-selected-observations-" followed by a unique alpha-numeric code.

2. The Dataset

eMammal datasets contain 18 columns and one row for each detection (sequence). The columns are defined in the table below:

Column Name	Description
Project	The title of the project the data were collected under
Subproject	The title of the subproject the data were collected under
Treatment	The treatment for that deployment, project specific i.e. bait or no bait
Deployment Name	The name of the camera deployment
ID Type	All ID types will be "Researcher" indicating the data have been expertly reviewed and finalized
Deploy ID	A unique alphanumeric identifier for the deployment
Sequence ID	A unique alphanumeric identifier for the detection (i.e. sequence of photos represented by that row of data). Multiple rows may have the same sequence ID if multiple species/sexes/ages were detected in the same sequence of photos
Begin Time	The timestamp when the sequence began

Column Name	Description
End Time	The timestamp when the sequence ended
Species Name	The detected species latin name
Common Name	The detected species common name
Age	The age of the inidividuals detected (Adult or Juvenile)
Sex	The sex of the individuals detected
Individual	Whether or not the species has natural markings allowing individual identification
Count	The group size of that species in that sequence
Actual Lat	Deployment latitude
Actual Lon	Deployment longitude
Fuzzed	Whether or not latitude/longitude