iNaturalist Data Retrieval and Formatting Process Files

This document outlines the various files used in the iNaturalist automated data retrieval process and their function.

col\_functions.py

Library of column functions used when formatting observation data in format\_data.py

fomat\_data.py

Script for formatting observation data .csv files

Arguments:

--input – input file location

iNaturalist\_DataPull.py

Script for retrieving observation data and generating .csv files for use with format\_data.py

Arguments:

--year – the year to begin pulling observations from, up to the current date.

--outside – signals to pull observations from the project for Oregon or outside of Oregon

iNaturalist\_Process.bash

Runs the observation retrieval and formatting process, generating raw .csv data files and

formatted output .csv files for both Oregon observations and observations outside of Oregon.

Accepts input for year to pass to the iNaturalist\_DataPull.py script, but defaults to the current

year. Can be run manually with `bash iNaturalist\_Process.bash`.

Arguments:

--year – the year to begin pulling observations from, up to the current date.

iNaturalist\_Process.bat

Batch file for running the iNaturalist\_Process.bash script in the Windows task scheduler. On

Mac, the iNaturalist\_Process.bash script can be scheduled directly.

logFile.txt

Logs the status of each run of the iNaturalist\_Process.bash script, indicating success or error and

the date, along with any error messages.

places.json

Tracks places (Country, State, or County) by id for use in the iNaturalist\_DataPull.py script.

Updated when new places are encountered when that script runs.