The following resources were sent in July 2019 by SABER listserv participants.

## Biology Datasets

* Dryad: [Repository of data](https://en.wikipedia.org/wiki/Dryad_%28repository%29) for scientific papers.Many biology options, heavily used. <http://datadryad.org/> (HT: Lindsay Chaney)

## Biology Activity Protocols with Data

* DataNuggets: A collection of activities designed for K-16 classes that use real data. Started in 2011, activities as recent as 2018 (that I found). Most common topics seem to be ecology, evolution/selection, and conservation.<http://datanuggets.org/> (HT: Davida Smyth and Pat Marsteller)
* QubesHub Data Incubator Group: Eco/Evo datasets and instructions for use with college students. (HT: Pat Marsteller). <https://qubeshub.org/community/groups/data_incubator/tiee>
* HHMI BioInteractive has several lesson plans (AP Bio to College) that use real data. <https://www.biointeractive.org/> (HT: Pat Marsteller).

## Biology Lab Protocols (but no data)

In case you want students to practice writing lab reports <https://www.coursesource.org/courses/science-process-skills>

## Other small datasets:

This is a selection of blog posts, Stack Exchange posts, etc., for people who need small, interesting datasets. They are not biological.

<http://veekaybee.github.io/2018/07/23/small-datasets/>

<https://www.kaggle.com/rtatman/fun-beginner-friendly-datasets>

<https://perso.telecom-paristech.fr/eagan/class/igr204/datasets>

<https://stats.stackexchange.com/questions/5937/tiny-real-datasets-for-giving-examples-in-class>

<https://www.gapminder.org/data/>

(HT: Pat Marsteller)

## Data from SABER colleagues

The following people have offered to share lab data (with lab manual as indicated) with SABER colleagues for teaching purposes.

Malcom Campbell

Students design promoters or RBSs and test their function. Protocols published in CourseSource and <https://www.lifescied.org/doi/pdf/10.1187/cbe.13-09-0189>

<https://academic.oup.com/synbio/article/3/1/ysy013/5067835>.