

Descriptor of Provided Data Set

Raw data:

Name: “Morphology_metadata2.csv”

This is our raw dataset. It is compiled by Paxton and Abraham. It contains a total of 3975 observations. This data set contains the following columns:

“Species”

- This provides a 4-letter code for each species of bird that the dataset has compiled for. The 4-letter code key used to decode this 4-letter species code is found in a metadata file on the same website that this dataset can be assessed from (see references).

“Date”

- This provides the date which the specimen was collected on. Formats vary.

“UTM_X” and “UTM_Y”

- This provides the locality data in UTM coordinates of each site that bird specimens were trapped.

“Sex”

- This conveys the sex of the bird, female (F) or male (M). All entries contain sex information.

“Wing”

- This is the length of each specimen’s wing, defined as the length of the wing chord when unflattened. This is measured in mm.

“Culmen”

- This is the length of the upper ridge of each specimen’s bill, defined as the length of the upper ridge of the bill from its most apical tip to where it is connected with the skull. This is measured in mm.

“Mass”

- This is the mass of each specimen. This is measured in g.

References

Paxton EH, and Abraham EC. 2022. Hawaii Island forest bird phenology and morphometrics from 1994 to 2020: U.S. Geological Survey data release

Paxton EH, McLaughlin R, Levins S, Vanderwerf E, Lancaster L. 2016. Aging and Sexing Guide to the forest birds of Hawai'i Island. Hawai'i Cooperative Studies Unit:1-77.