This README explains the composition and purpose of the overall current directory, subdirectories (in bold), and files (in current directory)

**Current directory: “Database”**

The Philippines Pire Project (PPP) Database

The purpose of this directory is to organize all metadata in a suite of tidy sheets that can be connected allowing to track metadata across the databse.

Each sheet contains a single “Primary Key” (except for Extractions\_sheet) in red that is used to unique identify each record in this sheet. Sheets may also contain “Foreign Keys” in green that is/are used as a link to other sheets where the current Foreign Key appears as the Primary Key.

Please refer to the Database\_diagramJan6.pdf for a schematic of the flow of sheets.

**Bioreporsitory\_Database: (john)**

**Extraction Plate Layouts:**

This subdirectory contains files with “plate layouts” for specific extractions. These are generally made if an extraction plate contains non-continues extractions (i.e. not from the same population or species). For example, if the plate contains two or more separate populations or species that will break the sample sequence.

Database\_diagramJan6.pdf :

Schematic representation of the PPP database. How the metadata flows across the database sheets

Extractions and Database Workflow docx :

Document showing the list and order of steps used during the extractions at ODU. This file has not been used in a while and likely not updated.

Extractions\_sheet.xlsx:

This is the 4th sheet in the database (According to “Database\_diagramJan6.pdf”) and should contain all the extraction records performed for PIRE. Each record is one extraction. Please note that in some occasions the same individual has been extracted more than once. In these cases, each extraction should have its own record. The Extraction\_ID of the first extraction will end with “\_Ex1”, the second with “\_Ex2” and so on. The extraction\_sheet is the only sheet that has two key columns, the “Extraction\_ID” and “Plate\_ID”. This sheet connects to the “Individual\_sheet” via the “Individual\_ID” and to the “Shipping\_sheet” via the “Plate\_ID”

Individual\_sheet.xlsx :