**Table 1: Data and metadata definitions.** The following table provides standardized definitions of each occurrence metadata based on the the Darwin Core Archive format27. Each piece of metadata for each occurrence is organized and recorded under the listed column headers.

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| **Column Header** | **Definition** |
| scientificName | Full scientific name and lowest leve of taxonomic rank |
| kingdom | The full scientific name of the kingdom in which the taxon is classified. |
| decimalLongitude | The geographic longitude (in decimal degrees, using the spatial reference system given in geodeticDatum) of the geographic center of a Location. Positive values are east of the Greenwich Meridian, negative values are west of it. Legal values lie between -180 and 180, inclusive. |
| decimalLatitude | The geographic latitude (in decimal degrees, using the spatial reference system given in geodeticDatum) of the geographic center of a Location. Positive values are north of the Equator, negative values are south of it. |
| geodeticDatum | The ellipsoid, geodetic datum, or spatial reference system (SRS) upon which the geographic coordinates given in decimalLatitude and decimalLongitude as based. |
| countryCode | The standard code for the country in which the occurrence location occurs. |
| elevationInMeters | The elevation (altitude, usually above sea level) of the Location measured in meters (m). |
| individualCount | The number of individuals represented present at the time of the occurrence. |
| institutionID | An identifier for the institution having custody of the object(s) or information referred to in the record. The identifier used by the originating source of the occurnece |
| family | The full scientific name of the family in which the taxon is classified. |
| taxonRank | The taxonomic rank of the most specific name in the scientificName. |
| coorditeUncertaintyInMeters | The horizontal distance (in meters) from the given decimalLatitude and decimalLongitude describing the smallest circle containing the whole of the Location. |
| stateProvince | The name of the next smaller administrative region than country (state, province, canton, department, region, etc.) in which the Location occurs. |
| locality | The specific description of the place the occurrence was reported. Lowest or most specific level of geographic information |
| year | The four-digit year in which the specimen or capture occurred, according to the Common Era Calendar. |
| month | The integer month in which the specimen or capture occurred. |
| day | The integer day of the month on which the specimen or capture occurred. |
| basisOfRecord | The specific nature of the data record. The evidence on which the occurrence is based. |
| institutionCode | The name (or acronym) in use by the institution having custody of the object(s) or information referred to in the record. |
| datasetName | The name identifying the data set from which the record was derived. |
| Reference | Identifiers (publication, bibliographic reference, global unique identifier, URI) of literature associated with the occurrence. |
| sex | The sex of the biological individual(s) represented in the occurrence. M=male, F=female |
| lifeStage | The age class or life stage of the biological individual(s) at the time the occurrence was recorded. |