

This is the Metadata of the Dataset associated with article:

Muñoz, G., Trøjelsgaard, K., & W.D. Kissling. A synthesis of animal-mediated seed dispersal of palms reveals distinct biogeographic differences in species interactions. *Journal of Biogeography*.

1.- File name: “PalmFrugDatasetOCT2018.csv”

2.- File variables description:

Column name	Description	Type of Data
PALM	Binomial scientific name of palm species. standardized with the World Checklist of palms (Govaerts & Dransfield, 2005), using an updated version (downloaded from July 2015)	Text
FRUGIVORE	Binomial scientific name of animal frugivore species. For birds, we followed the BirdLife Taxonomic Checklist v8 (BirdLife International, 2015). For mammals, we followed the taxonomy from the IUCN Red List (IUCN et al., 2008); other animal species names were standardized according to the Integrated Taxonomic Information System	Text
frugClass	Taxonomic information on frugivore class	Text
frugFamily	Taxonomic information on frugivore family	Text
biogeographicRegion	Biogeographic region where the interactions was recorded	Text (Afrotropics/Neotropics)
InteractionID	Unique id for a pairwise interaction in the form “Palm_Frugivore”	Text
Unique_interaction	Does the record correspond to a unique interaction, or it has been recorded first. For interactions with more than one record, a single record is considered as unique whereas the remainder are non-unique	Binary number (1 = unique / 0 = non-unique)
frugBodyMASS	Average body mass (in grams) as a proxy of body size of animal frugivores. Body mass data for birds originate from Dunning (2008) and data for mammals from Sandom et al. (2013). For species with no data, body mass was estimated using the mean value of all congeners (i.e. from other species in the same genus). For fish, beetles and malacostraca frugivores we don't include information in body size as we could not obtain reliable estimates NA = 124	Number
FruitLength_cm	Average length (in cm) as a proxy of palm fruit size; information was obtained from books (Henderson, 2002) and other sources, including monographs and species descriptions (e.g. references and data sources listed in appendix of Gödel et al., 2015) as well as the palmweb database from the Royal Botanical Gardens, Kew (http://palmweb.org)	Number
PalmTribe	Taxonomic information on palm tribe	Text
Country	Country where the interaction was reported (if available) NA = 310	Text

Column name	Description	Type of Data
botanicalCountry	Geographical location of the interaction standardized with the World Geographical Scheme for Recording Plant Distributions (WGSRPD) Level 3 Botanical Countries (if available) NA = 310	Text
referenceKey	Random alphanumerical key that matches the referenceKey column from the ReferencesDataset file	Text