AmphiBIO, a global database for amphibian ecological traits

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Metadata

Identity:

(1) AmphiBIO_v1.csv

(2) AmphiBIO_v1_references.csv

(3) AmphiBIO_v1_literature_cited.pdf

(4) Metadata.pdf

Format:

(1) ASC file, Windows-1252 encoding.

(2) ASC file, Windows-1252 encoding.

(3) PDF file.

(4) PDF file.

Header information (Headers describe the information of each column):

(1) id, Order, Family, Genus, Species, Fos, Ter, Aqu, Arb, Leaves, Flowers, Seeds, Fruits, Arthro, Vert, Diu, Noc, Crepu, Wet_warm, Wet_cold, Dry_warm, Dry_cold, Body_mass_g, Age_at_maturity_min_y, Age_at_maturity_max_y, Body_size_mm, Size_at_maturity_min_mm, Size_at_maturity_max_mm, Longevity_max_y, Litter_size_min_n, Litter_size_max_n,

Reproductive_output_y, Offspring_size_min_mm, Offspring_size_max_mm, Dir, Lar, Viv, OBS.

(2) id, Order, Family, Genus, Species, Reference.

(3) Does not apply.

(4) Does not apply.

Table 1. Overview of variables included in the AmphiBIO database.

Variable name	Variable definition	Unit
id	AmphiBIO species' identification number.	N/A
Order	Amphibian Species of the World Order (Frost 2011).	N/A
Family	Amphibian Species of the World Family (Frost 2011).	N/A
Species	Amphibian Species of the World species scientific name (Frost 2011).	N/A
Habitat	Overall vertical foraging stratum classification. Ignores details about seasonal or ontogenetic changes.	
Fos	Fossorial.	Binary
Ter	Terrestrial.	Binary
Aqua	Aquatic.	Binary
Arb	Arboreal.	Binary
Diet	Food items from the eating habits of adults using qualitative dietary categories. Information is based of specialist guess, direct observation or stomach content examination, as reported in the literature.	
Leaves	Species eat leaves.	Binary
Flowers	Species eat flowers.	Binary
Seeds	Species eat seeds.	Binary
Fruits	Species eat fruits.	Binary
Arthro	Species eat arthropods.	Binary
Vert	Species eat vertebrates (includes cannibalism).	Binary
Diel	Overall diel period as active.	
Diu	Diurnal (i.e., active during the day).	Binary
Noc	Nocturnal (i.e., active during the night).	Binary
Crepu	Crepuscular (i.e., active during the period immediately after dawn and that immediately before dusk).	Binary
Seasonality	Seasonal period as active. Based on the comparison of the precipitation (wet or dry) and temperature (warm or cold) conditions when active in relation to the average climatic conditions over the year. Climatic conditions were obtained from weather stations closer to localities where specimens were collected or to field sites reported in publications (available at www.weatherbase.com).	
Wet_warm	Active is during wet and warm months.	Binary

Wet_cold	Active is during wet and cold months.	Binary
Dry_warm	Active is during dry and warm months.	Binary
Dry_cold	Active is during dry and cold months.	Binary
Body_mass_g	Maximum adult body mass.	Grams
Age_at_mature_min_y	Minimum age at maturation/sexual maturity.	Years
Age_at_mature_max_y	Maximum age at maturation/sexual maturity.	Years
Body_size_mm	Maximum adult body size. In Anura, body size is reported as snout to vent length (SVL). In Gymnophiona and Caudata, body size is reported as total length (TL).	Millimeter
Size_at_mature_min_mm	Minimum size at maturation/sexual maturity.	Millimeter
Size_at_mature_max_mm	Maximum size at maturation/sexual maturity.	Millimeter
Longevity_max_y	Maximum life span.	Years
Litter_size_min_n	Minimum no. of offspring or eggs per clutch.	Number
Litter_size_max_n	Maximum no. of offspring or eggs per clutch.	Number
Reproductive_output_y	Maximum no. reproduction events per year.	Number
Offspring_size_min_mm	Minimum offspring or egg size.	Millimeter
Offspring_size_max_mm	Maximum offspring or egg size.	Millimeter
Breeding strategy	Whether the species reproduce via direct, larval development or is viviparous.	
Dir	Species reproduce via direct development.	Binary
Lar	Species present larval stages.	Binary
Viv	Species is viviparous.	Binary
OBS	Misc. comments.	N/A

For further information refer to AmphiBIO's introductory paper published in **Scientific Data** (DOI: XXX).

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