

# Making Biodiversity Cards

Encyclopedia of Life

EOL Biodiversity Cards provide species trait information in a friendly, playing card format. They can be collected and traded, used as species identification field guides, and used as educational tools both in and out of the classroom. You can print out premade cards from our public decks or create your own. If you plan to make your own cards, we have the following resources:



# **Example Cards**

- These cards show the default traits for each common taxon group
- You can use the same traits as displayed in this example, or customize them based on the needs of your project

#### Resources for Trait Research

Once you have chosen your species, the next step is to collect trait data about the species to populate the cards.

- This document lists reliable web resources to collect the trait data, organized by taxon
- A great place to start is the EOL data tab for each species of focus
- This document contains definitions for common biodiversity-related vocabulary words that you might encounter during research; these are also good terms to use if you make a Vocabulary Card in your deck



# Making Biodiversity Cards

Encyclopedia of Life

### **Trait Data Organizers**

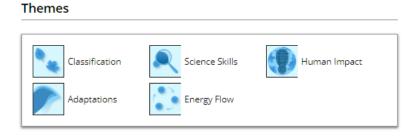
- This document is a simple organizer to collect information for one species at a time (recommended for teachers/classroom activities with students making one card)
- This spreadsheet is a simple template to collect information for multiple species, organized into common taxon groups with EOL trait standards (recommended for beginners making a full card deck)
- This spreadsheet is a comprehensive template to collect information for multiple species, organized into a greater depth of taxon groups with EOL trait standards (recommended for experienced users making one or multiple full card decks)

### **Help Making Cards and Decks**

- Once you have completed your research, you are ready to enter your data into species cards using the EOL Card Maker
- If you are working with younger students or don't have access to computers, you can use the blank card templates
- View our tutorials for step-by-step instructions about how to navigate the Card Maker tool
  - o Tutorial #1: An Introduction to Encyclopedia of Life Biodiversity Cards
  - o Tutorial #2: How to Make Encyclopedia of Life Biodiversity Cards

# **Using your Cards**

- Use our various lesson plans to engage students grades 2-12 with Biodiversity Cards, focusing on five important biological themes
- Make cards of local organisms and use them as field guides to help students identify organisms during a walk in the school yard or to share with your local conservation organization



#### For additional information, contact:

education@eol.org