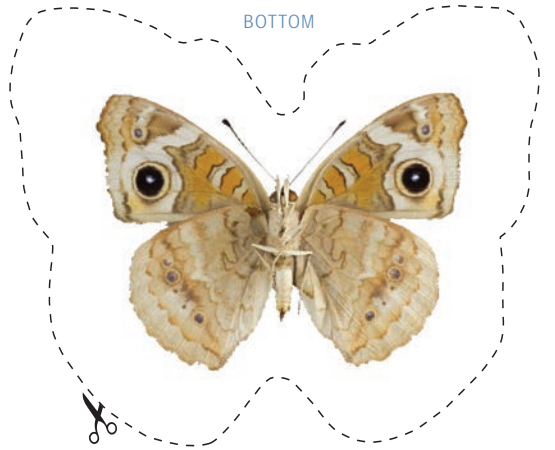
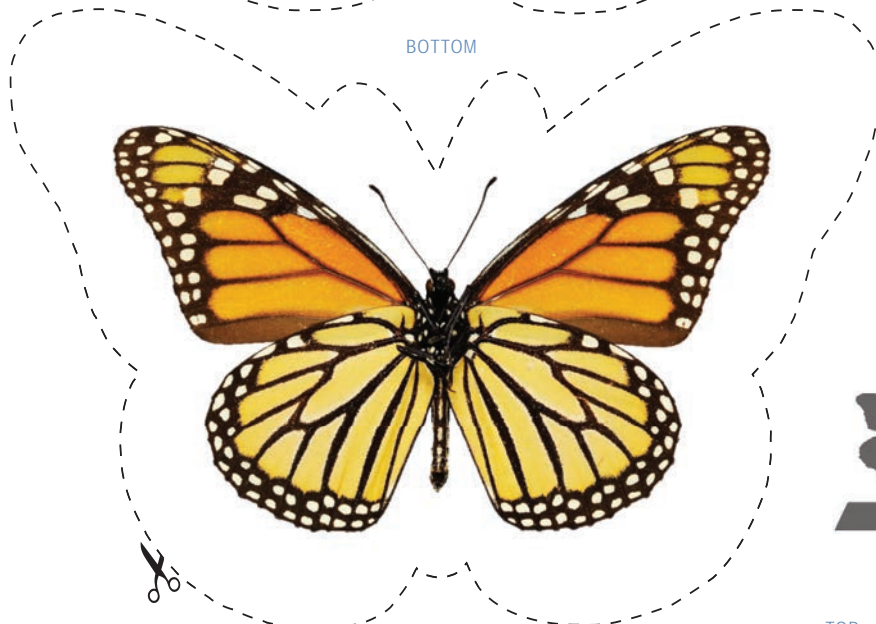
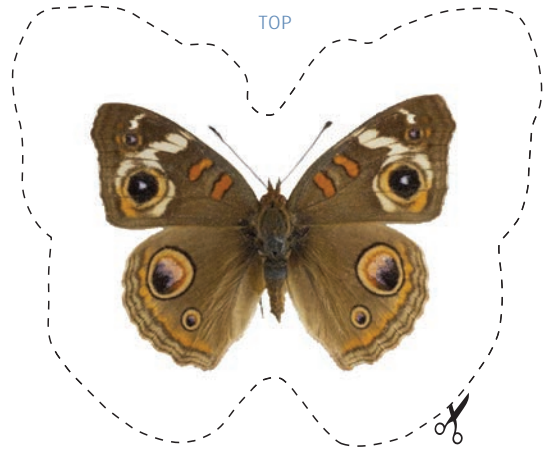
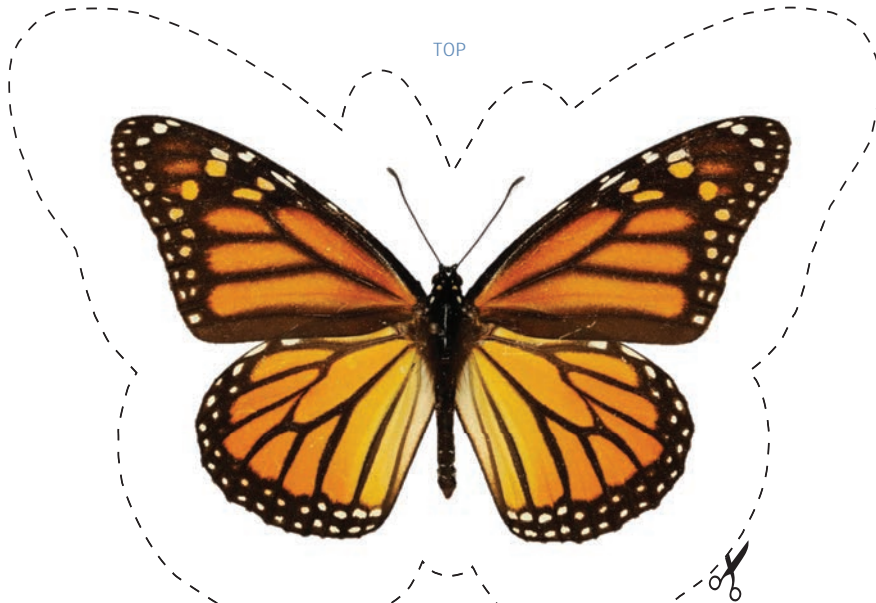


CREATE A PAPER BUTTERFLY

First, cut out your butterfly specimens and labels, and glue the butterfly tops to the bottoms. Identify each butterfly with the Leps app following instructions on the back of this handout, and write the ID on your labels. Pin your butterfly and its label in the way demonstrated in silhouette below. Bring your butterflies to life in 3D with the Libraries of Life app following instructions on the back of this handout. Find a bulletin board or other safe spot to display your pinned butterfly specimens. Consider sharing a photo of your butterflies on display using the tags @idigbio and @explormorlabs.

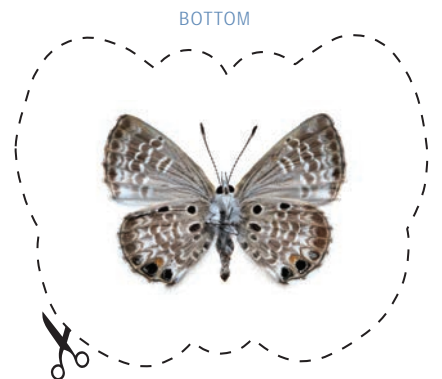
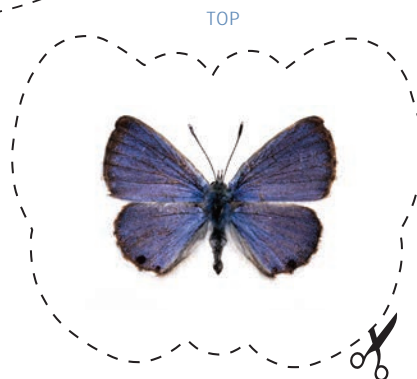
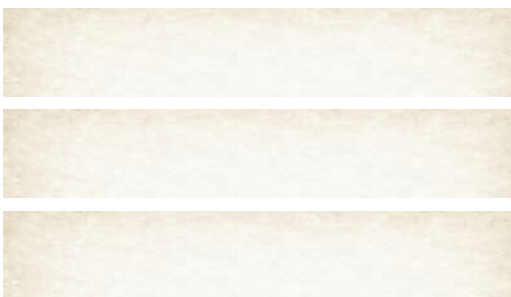


PINNED BUTTERFLY



The large- and medium-sized butterflies are slightly smaller than you'd see them in real life. But the small one is much bigger—it only grows to a half-inch across, as shown here.

ID LABELS



ID YOUR BUTTERFLY

1. Download and open the free Leps by Fieldguide app from Apple's App Store or Google Play.
2. Tap + (if Apple) or camera icon (if Android).
3. Tap the large blue dot.
4. Specimens that match your butterfly appear at the bottom.



QR Shortcut to Leps App

VIEW YOUR BUTTERFLY IN 3D

1. Download and open the free Libraries of Life app from Apple's App Store or Google Play.
2. Select the Florida Museum collection.
3. Tap the Launch AR Camera button.
4. Point your camera at the butterfly specimen and give the app a few seconds to download the 3D butterfly.



QR Shortcut to LoL App

HARNESSING THE POWER OF NATURAL HISTORY DATA

US museums, universities, field stations, and government agencies curate about a billion natural history specimens, including insects on pins, plants on sheets, fish in jars, and fossils in drawers. Digital data from these specimens, including images and location data, enable scientists, natural resource managers, policy makers, and others to address urgent social challenges using advanced technologies, such as the computer vision and augmented reality technologies that you are using here.



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