

Full-Lesson #7: Mix-And-Mingle Bird Party

Overview of Outcomes

This lesson serves as the students' introduction to the Hawaiian forest birds that will be featured in the symphony. The goal of this lesson is to establish a base familiarity with our endemic Hawaiian forest bird assemblage and to promote recognition of several honeycreeper species. The interactive nature of this lesson promotes active engagement in the information presented to the students; the sheer diversity of forms in these species prompts students to make observations of the color and shape of these birds. Species may be compared and contrasted with one another, drawing out similarities and differences between the birds.

Materials

1. Hawaiian Bird Calling Cards (http://kauaiforestbirds.org/wp-content/uploads/2019/11/activity_7_supp.pdf)
2. Hawaiian Forest Bird Data Graphic Organizer (see Appendix E)

Activity Directions

- 1) Teachers will give a brief (5-10 minute) introduction/recap of previously discussed topics (e.g. diversity of forms and adaptations, evolutionary processes, endemic species, etc.), and to remind students of the focus of the upcoming symphony visit.
- 2) Each student will be given a "Bird Calling Card" with a picture of a Hawaiian forest bird and some basic information about that species. Students will be given 20 minutes to walk around and talk with their classmates about their species. They will record important information about the other birds on a short Graphic Organizer (see Appendix E) ~5 species total.
- 3) Once the information is collected into a graphic organizer the teacher will go over with the entire class, and provide a comprehensive overview of the Hawaiian forest birds. This activity will highlight the diversity of forms among the forest bird assemblage, and familiarize the students with many of the birds featured in the symphonic production.
- 4) Teachers will present a concluding presentation that will show images of some of the forest birds with brief descriptions of their adaptations and current ranges. Teachers could highlight the conservation status of the species used in the activity; a considerable portion of the bird flashcards in this lesson will be of **extinct** species. Teachers may choose whether to begin presenting information about the extinction crisis here, or to wait until the next part of the unit.

Appendix E

Hawaiian Forest Bird Data Graphic Organizer

Welcome to the Mix and Mingle Bird Party. As you go around the party introducing yourself, please make sure to meet as many other birds as you can and collect some data.

Bird Name	Where do I live?	What do I eat?	What are some of my adaptations?
Example: Palila	Hawai'i (Big Island)	<ul style="list-style-type: none">● Māmane seeds● Naio berries● Insects	<ul style="list-style-type: none">● Large parrot-like bill● Resistant to māmane toxins