

Passport

Please use this checklist to confirm that all of the parts of this station are in this bag both when it is unpacked before the OSF Science Night AND when it is re-packed after your event.

- Table sign, laminated
- Explanation sheet/ What to Do sheet, laminated
- 4-up color passport for copying
- 144 – golf pencils
- 50 each Blackburnian Warbler and Ruby-throated Hummingbird tattoos
- Blank evaluation sheet to copy
- 8 - Passport Questions on paper easels *The questions with these bird pictures are to be placed at the following stations:*
 - *Eastern Wood-pewee at Insect Employment Office*
 - *Acadian Flycatcher at How Insects Find heir Food*
 - *Canada Warbler at Gifts from the Forest*
 - *Black and White Warbler at From Seed to Cup*
 - *American Redstart at Who's Living in your Backyard?*
 - *Blackburnian Warbler at Migration Mapping*
 - *Summer Tanager at Migration Game*
 - *Red-eyed Vireo at Temperate Forest or Tropical rainforest?*

The “Passport” display board should be placed at this station.

What you will need to provide for this activity station:

- Tape to attach table sign
- Color copies of the Passport
- Yarn for making Passport necklaces
- Bird tattoos are optional. If you use what is in the kit, please replace them. They are available from the International Migratory Bird Day on-line store, http://www.birdday.org/shop_index.html

OUR SHARED FOREST MIGRATORY BIRD PASSPORT

Explanation/Background:

Our Shared Forests is a collaborative project of the University of Georgia, the Maquipucuna Foundation of the Maquipucuna Preserve in Ecuador, and other organizations. This project is designed to bring light to importance of conserving existing habitats and reestablishing fragmented habitats of neo-tropical migrant birds. These are birds that spend their winters in North America and their summers in Central and South America.

Habitats are becoming fragmented as trees are cut down for timber, development, and agriculture. One method of providing land owners incentive for not cutting their trees but instead planting new ones, is the promotion of shade-grown coffee.

Coffee is a popular refreshment all over the world. Coffee plants naturally occur in the shade of the forest and grow better there, not in a cleared field. Buying coffee that has been grown in the shade pays farmers to convert their cleared land into an eventual forest, providing habitat for birds. These are birds that your child and a child in Ecuador might both see in their own backyards.

Travel between the Americas is not easy for these beautiful creatures. It is thousands of miles requiring fuel in the form of food. There are storms, power lines, and predatory animals to dodge. They navigate by internal compasses, and make the trip year after year.

The Our Shared Forest Science Nights are intended to educate students and their parents about the natural environment and culture of the Southeastern United States and Ecuador, especially the birds that these two areas share. The activities are designed to point out the many important everyday gifts that we receive from forests, to teach us to recognize the birds that travel such along way to visit our homeland, and to help us realize the importance of conserving our forests for the birds and other animals, including ourselves.

Although there are at least 24 neo-tropical migrants that fly between Georgia and Ecuador, the ten neo-tropical migrant birds that we are highlighting are:

Acadian Flycatcher
American Redstart
Swallowtail Kite
Summer Tanager
Blackburnian Warbler

Black-and-White Warbler
Canada Warbler
Red-eyed Vireo
Eastern Wood Pewee
Broad-winged Hawk

What You Will Do:

The purpose of the passport card is to provide all Science Night attendees with a guide to the activities. There are nine key activities that express the most important goals and lessons of Our Shared Forests. There are also nine squares on the passport card that each student will receive. At each of the nine key activity stations there will be a sign posted with a picture of a bird that coincides with a particular square of the passport. Also on the sign, will be a multiple choice question. The correct answer to the question will provide a letter such as “M” or “G” that is also part of a word scramble. The letter is to be written in the box with the picture of the bird that coincides with the picture on the sign. After all nine key activities have been completed; a letter should be in each box, spelling an important word.

What You Need:

- Passport cards (one for each student attending the Science Night)
- Boxes of small pencils
- Instructions

What To Do:

1. Facilitators at this station should give out Passports and pencils, pointing out the instructions on the Passport display board.
2. Facilitators may need to explain the activity.
3. The first passport question is on the display board. Eight more will be at the following stations:

From Seed to Cup
Gifts from the Forest
Temperate Forest or Tropical
Rainforest?
Who’s living in your Backyard?

Insect Employment
How Insects Find Food
Migration Game
Migration Mapping

PASSPORT INSTRUCTIONS

- 1. Get Passport and pencil at Passport Table outside the entrance to the cafeteria.**
- 2. Answer the first question and then look for 8 other activity stations with green and red Passport Question sign hanging from activity station tables. Each sign will have a different bird on it. These birds are also found in squares on your Passport.**
- 3. At each of these nine activities stations, read the Passport Question and find the correct answer. Find the square on your Passport with the same bird as that on the Passport Question sign. Write the letter that you see beside the correct answer on the sign in the square on your Passport with the same bird as the sign.**

Passport Questions

What animal lives in Georgia Temperate Forests? (*Temperate Forest or Tropical Forest*)

- A) Monkey
- B) Leaf-cutting ant
- C) White-tailed deer
- D) Elephant

What is **NOT** a hazard to migrating birds? (*Migration Game*)

- A) Skyscrapers
- B) Predators (cats)
- C) Pollution
- D) Bird Houses

Insects use this sense to seek out the sweet fragrance of flowers to pollinate. (*Sniff Out Your Breakfast*)

- A) Smell
- B) Taste
- C) Touch
- D) Sight

Animals often use _____ to hide from their predators. (*Can You Spot Your Lunch*)

- A) An invisible cloak
- B) Camouflage
- C) Disappearing paint
- D) Marshmallows

Which is **NOT** a job insects do? (*Insect Employment*)

- A) Decomposer or Recycler
- B) Pollinators
- C) Chef
- D) Soil Aerators

What “gift” (forest product) comes from the Tropical forest?

- A) Coffee
- B) Octopus
- C) Rice
- D) Potatoes

All of these characteristics describe birds, EXCEPT _____.

- A) Feathers
- B) Lay eggs
- C) Have beaks
- D) Fur

Which is **NOT** a sign of animals in your backyard?

- A) Feathers
- B) Scat (poop)
- C) Tracks
- D) A large poster

OUR SHARED FORESTS

Migratory Bird **PASSPORT**



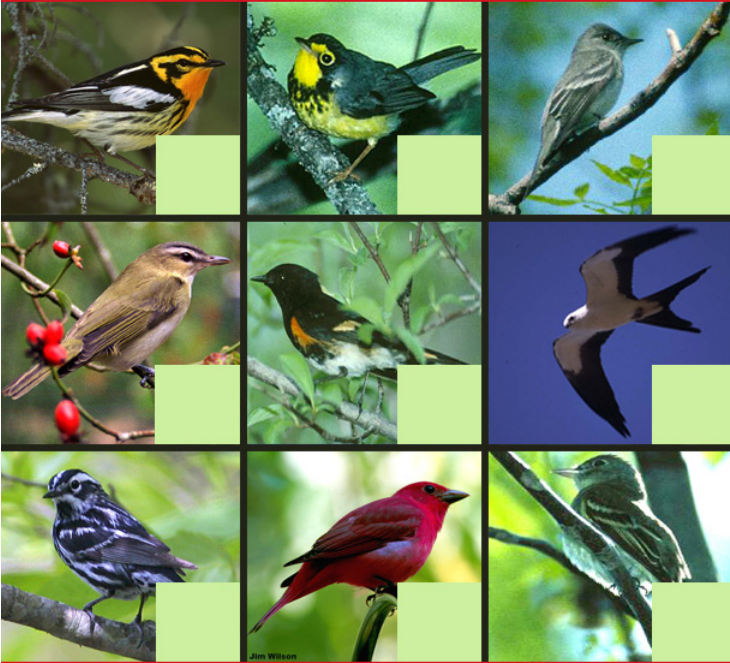
OUR SHARED FORESTS

Migratory Bird **PASSPORT**



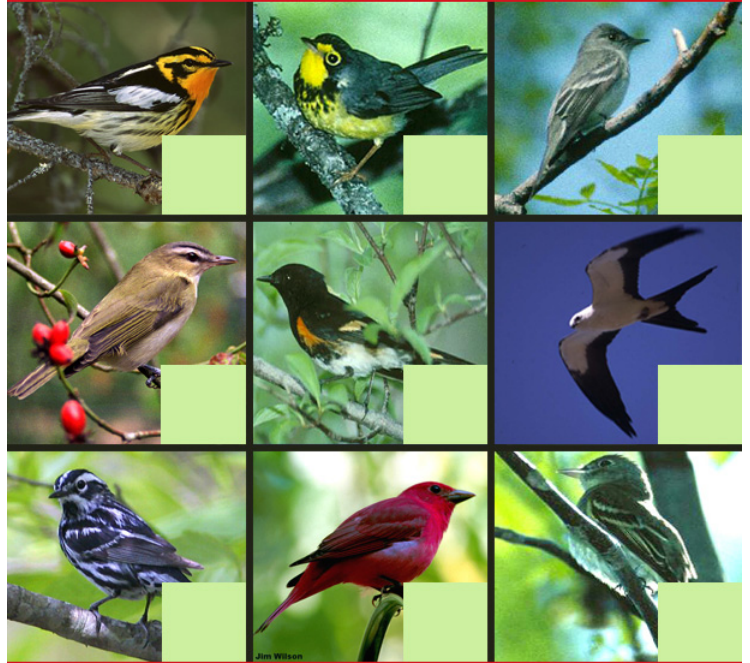
OUR SHARED FORESTS

Migratory Bird **PASSPORT**



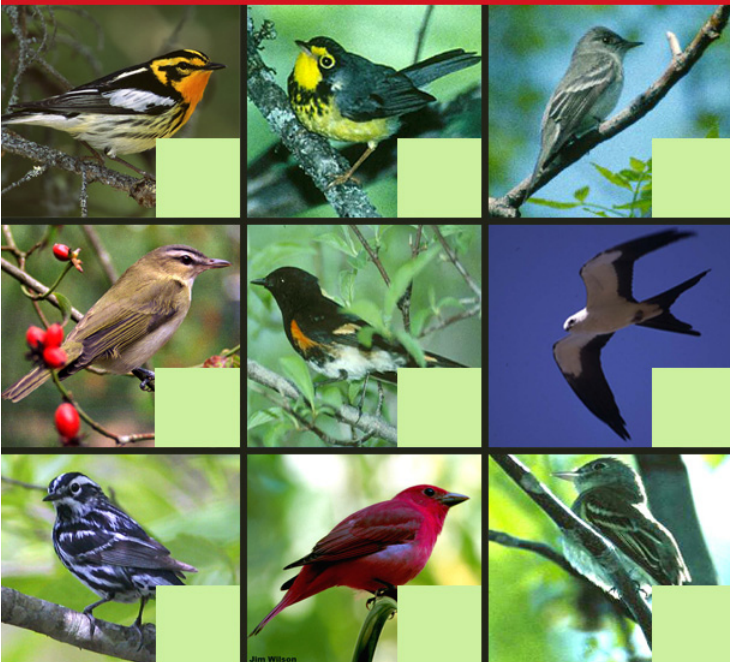
OUR SHARED FORESTS

Migratory Bird **PASSPORT**



OUR SHARED FORESTS

Migratory Bird **PASSPORT**



OUR SHARED FORESTS

Migratory Bird **PASSPORT**

