

Explore Wildlife and Habitat

The Junior Duck Stamp experience engages Kindergarten - 12th grade students in science, math, technology and the arts to learn about habitat and wildlife conservation. Participate with your school, club, on your own or by visiting a National Wildlife Refuge near you. Create an original drawing or painting of waterfowl as a "visual term paper" to express your ideas and creatively share what you have learned about wetlands and waterfowl conservation.

Junior Duck Stamp Curriculum

Download the curriculum and activities for free at www.fws.gov/juniorduck/curriculum or give us a call at (731) 538-2481 for more information. Adults should check out the *Educator Guide* or the *Non-formal Educator Guide* for great background information, activity instructions, concepts, resources, and real world examples of biologists working with waterfowl. Students will love the *Youth Guide* with amazing activities, instructions, challenges, and stories.

Encourage Student Conservation Education in Your Community

Share the Tennessee Junior Duck Stamp Program in your schools and community! If you are an educator or youth group leader, use the curriculum to teach wildlife biology and habitat conservation in the classroom, home school or with an after school group. Consider volunteering to share your biology and art skills in your community. Visit a National Wildlife Refuge near you to see waterfowl in their natural habitats. Check with your Tennessee Junior Duck Stamp coordinator at (731) 538-2481 for other ways you can help.

Enter the Tennessee Junior Duck Stamp Art Contest!

Send us your ART! Tennessee holds an annual contest to select first, second, and third place winners in each of four age groups K-12. The "Best of Show" winning artwork competes in a national competition. Then the national winning artwork is made into the Junior Duck Stamp. Visit the National Junior Duck Stamp website at www.fws.gov/juniorduck for the rules, entry and reference forms for any state.

Student Recognition and Awards

All artwork entries receive a certificate of participation. The top 100 winners, along with their families, are invited to an awards ceremony at the Discovery Park of America where they will receive two free entry tickets. After exploring the Discovery Park, the top 100 winners will enjoy a catered meal while receiving their ribbons and plaques. The winning Conservation Message receives a prize, and the Tennessee Best of Show winner receives a \$1000 scholarship.

Invest in Junior Duck Stamps

Stamps are sold online by the U.S. Postal Service, Amplex Corporation, and at some National Wildlife Refuges around the country. The collectible stamp sells for \$5 and proceeds support this conservation education and Jr. Duck programs. You can visit www.fws.gov/juniorduck/BuyStamps for more information about the program and how to buy stamps.

Tennessee Junior Duck Program & Contest Coordinator:

Tara Dowdy

Reelfoot National Wildlife

Refuge 4343 Highway 157

Union City, TN 38261

(731) 538-2481



Remember, all entries must be postmarked by March 15th

U.S. Fish & Wildlife Service

Tennessee

Junior Duck Stamp



Waterfowl Passport

This passport belongs to: _____



Conservation
Through the Arts
U.S. DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE



Naturalist |nat·u·ral·ist|

noun

1. a person who studies plants and animals as they live in nature.

Naturalists are inquisitive and love to ask questions, such as: What is unique about a cedar glade found in middle Tennessee? How many bird species are there and how are they documented in Tennessee? Who is doing important bird research in Tennessee,? What unique habitat areas need to be preserved and protected in this state? How can we preserve them?

What facts can you find about these naturalists, who all did important work in Tennessee?



Albert F. Ganier



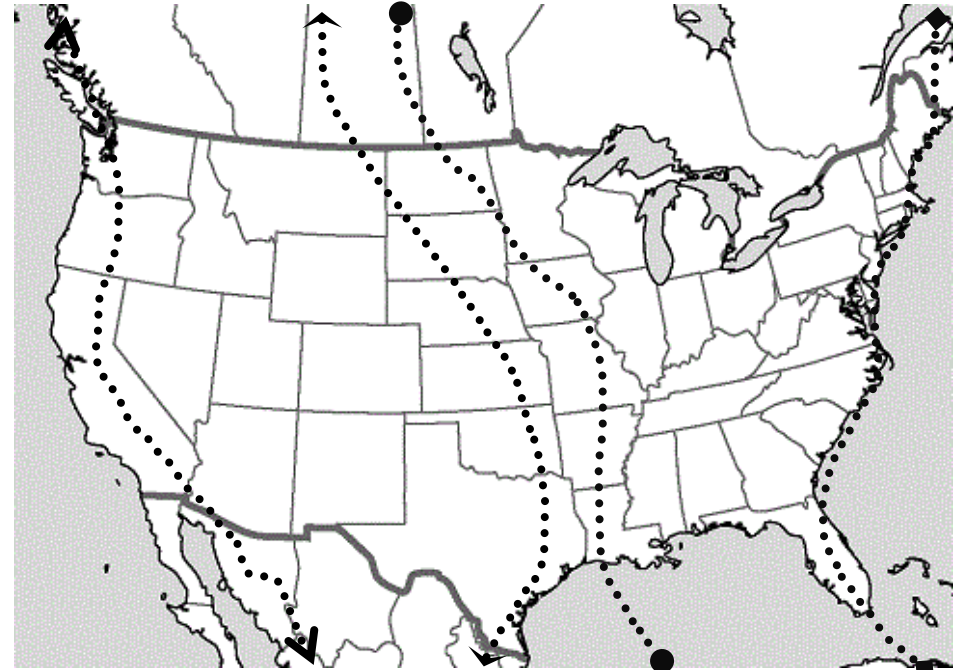
Elsie Quarterman



Mack Prichard

Map the Migration

There are four major flyways located in North America. A flyway is like a highway in the air for all waterfowl who migrate. Below is a map of the United States and the different routes waterfowl use to go south and return. Each section of the map falls under one of four major flyways.



Find a **migration map**. Use the following colors to trace the lines and label the flyways.

Pacific Mississippi Atlantic Central

Make like a bird

Now it is your turn to think like a bird and wing it. Pick a bird from the waterfowl book. What sort of journey will it have?

My bird is a _____.

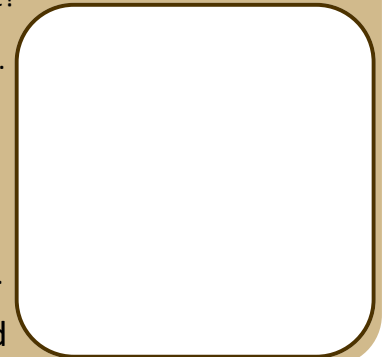
It eats _____.

It spends the summer in _____.

It migrates using the _____ flyway.

It spends the winter in _____.

Sketch your bird



What's on your Mind?

Being a bird is no easy task. Finding food, shelter, and water is hard. Add in migration and now you have a real challenge. Imagine a bird had a profile, what would it write on its wall? Using a waterfowl book fill out a bird profile. Play the migration game, create posts about your journey!



Bird Name:

Sketch your bird

Lives in:
From:
Favorite food:

What's on your mind?
Today on migration I...

Send

What's on your mind?
Today on migration I...

Send

What's on your mind?
Today on migration I...

Send

What are some of the challenges you faced on your migration?

Your Turn!

Put your naturalist skills to work. Check in with an adult then go find a spot in nature. Get comfy and wait. Take your time and watch what happens around you.

Date _____ Time ___:___ am/pm

Location _____

Weather _____

I heard _____

I smelled _____

I felt _____

I saw

It looked like this

Tools for Success

If you were to look in a bird's toolbox, you would find...nothing! All the tools a bird needs can be found on its body thanks to adaptation. An adaptation helps an animal survive in its environment. Every part on an animal has a special job that helps it be successful in daily life.

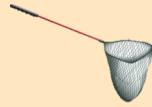
Where would you find these three items on a duck? Write the answer in the box.



Fly through the water



Nice and dry

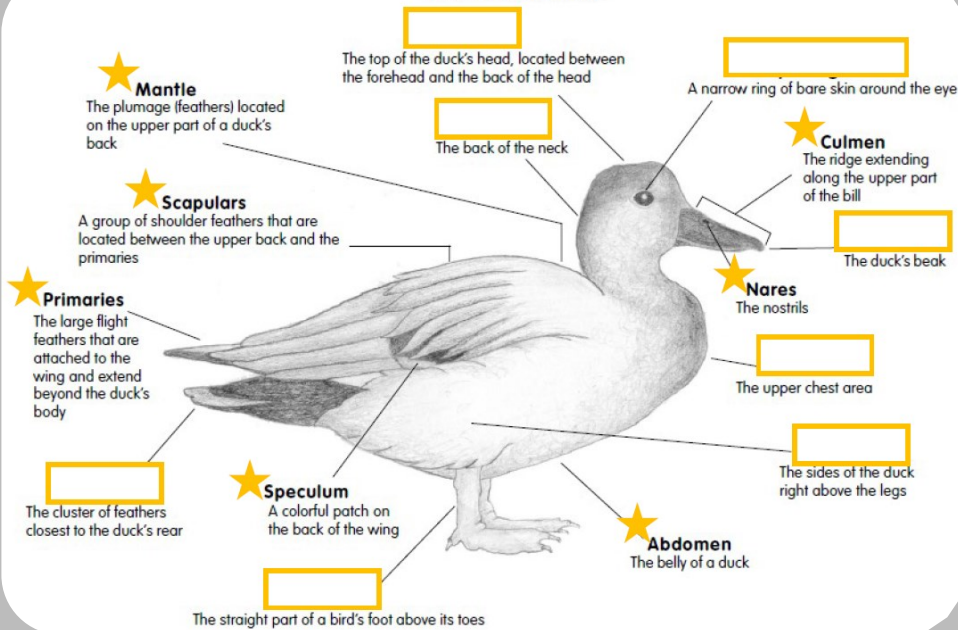


Scoop and strain

Using the duck mounts, find the different parts. Write the number in the empty boxes to complete the duck.

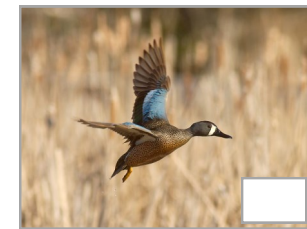
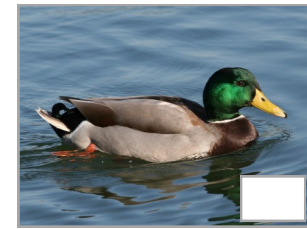
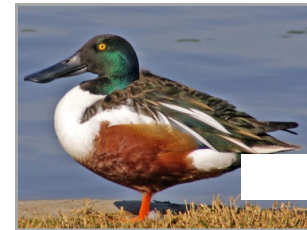
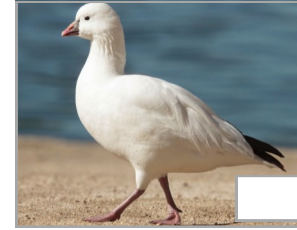
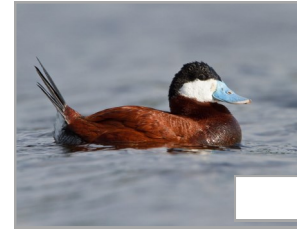
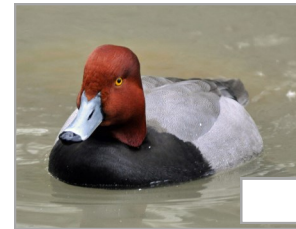
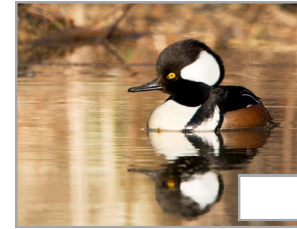
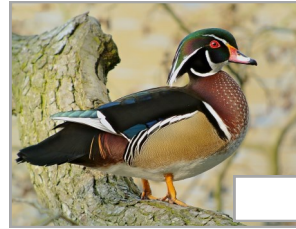
- | | | | |
|-----------|----------|-------------|-----------|
| 1. Bill | 3. Crown | 5. Eye-ring | 7. Nape |
| 2. Flanks | 4. Tail | 6. Breast | 8. Tarsus |

Parts of a Duck



Duck ID

From beaks to feet to fancy feathers, these birds have showy details. These unique markings help them blend in or get noticed. Grab a waterfowl guide and see if you can use the markings to name the bird. Use the word bank below, write the letter in the correct bird box.



- | | |
|----------------------|------------------------------|
| A. Northern Shoveler | G. Hooded Merganser |
| B. Ruddy Duck | H. Ross's Goose |
| C. Blue-winged Teal | I. Great White-fronted Goose |
| D. Northern Pintail | J. Redhead |
| E. Wood Duck | K. Mallard |
| F. Common Goldeneye | |