

Florida's 4-H Forest Ecology Clinic

Quiz Bowl

December 2022

Why a quiz bowl?

- Part of the National Forestry Invitational
- Preparing Seniors for the national contest
- Reading their materials
- But using modified rules



- <http://4hforestryinvitational.org/>

The website

The screenshot shows the website for the Florida 4-H Forest Ecology program. The URL in the browser is <https://programs.ifas.ufl.edu/florida-4-h-forest-ecology/>. The navigation bar includes links for HOME, FOREST ECOLOGY CONTEST, NATURE POETRY CONTEST, and 4-H FOREST RESOURCES. The main heading is "FLORIDA 4-H FOREST ECOLOGY". A large image shows a group of people in a forest, with a green 4-leaf clover logo overlaid. Below the image are three buttons: "Discover and Get Involved", "Contest Registration", and "Questions and Contact". A text block describes the contest, and a date for the next event is provided. At the bottom, there are sections for "JUNIORS AND INTERMEDIATES STATIONS" and "SENIORS STATIONS".

SENIORS STATIONS

1. Tree Identification
2. Forest Health
3. Map & Compass
4. Tree Measurement
5. Forest Management
6. Quiz Bowl

Discover and Get Involved **Contest Registration** **Questions and Contact**

Florida 4-H Forest Ecology Contest is held every year at the Austin Cary Forest's Roland T. Stern Learning Center in Gainesville, Fla. This is a competitive event that encourages youth to identify forest trees, plants, wildlife, and forest health stresses, and to demonstrate their knowledge of forest ecology and management, map and compass, tree measurement, forest management, and local history. Youth at all three 4-H age levels can compete individually or in teams.

Next Forest Ecology Clinic will take place Saturday, October 1, 2022, and the 2023 Contest will take place Saturday, April 15,

JUNIORS AND INTERMEDIATES STATIONS

1. Tree Identification
2. Forest Health

SENIORS STATIONS

1. Tree Identification
2. Forest Health

Florida Quiz Bowl Rules

4-H FOREST ECOLOGY QUIZ BOWL RULES

All of the study materials you will need may be accessed on this page in the Study Materials section. Those materials come from the **National 4-H Forestry Invitational** website. Some questions are taken from the “Practice Questions” provided on the national site. Others are taken from the “Forestry Manuals” including Program A - Trees, Program B - Forests, and Program C - Recreation. The Florida contest does not take questions from the “Forests and Forestry” textbook listed at the national site because this is not available online.

HOW THE COMPETITION WORKS

In the Florida Quiz Bowl, one team will compete at a time. We will bring teams into the classroom in alphabetical order by county. No recording devices are allowed. No notes or study materials are allowed.

The Florida Quiz Bowl is very similar to the National Forestry Invitational Forestry Bowl, but in that contest a large number of Senior teams compete in paired team competition, with single elimination playoffs. Because we have a smaller (and sometimes uneven) number of Senior teams, the "one team at a time" approach works best and more fairly.

Like the Nationals, each team will compete in two events (Directed Questions and Toss-Up Questions) which will be scored independently. Each team will be asked the same questions. A judge is present to serve as a referee, and may overrule the moderator's decision regarding whether an answer is correct or not. In the event the judge and moderator have to deliberate over an answer given during the timed Toss-Up round, the timer shall stop to give the team two full minutes to answer questions. A timekeeper is also present. The Quiz Bowl follows the rules found in the 4-H Invitational Handbook, with exception to the procedural differences outlined above.

STUDY MATERIALS

The following materials should be used to study for the Florida Forest Ecology Quiz Bowl and Senior Quiz.

- [Forest Understandings and Facts](#)
- [Forestry Bowl Practice Questions for the National 4-H Forestry Invitational](#)
- [Forestry Manuals: Trees, Forests, and Forest Recreation](#)
- [Glossary](#)
- [Summary of Federal Laws Affecting Forestry](#) (PDF)

 search

The National 4-H Forestry Invitational presents

The Super Bowl of 4-H Forestry

- Home
- About
- Registration
- Training
- Location
- Past Competitions
- News

National 4-H Forestry Invitational

The National 4-H Forestry Invitational is the national championship of 4-H forestry! Each year, since 1980, teams of 4-H foresters from all over the United States have come to Jackson's Mill State 4-H Conference Center at Weston, WV, to meet, compete, and have fun! The following pages will help your team prepare and register for the competition!

2023 Competition Dates

Where: [Jackson's Mill State 4-H Conference Center](#)- Weston, WV

When: July 23-27, 2023

Who: High School Students (ages 14-18, must be a [4-H](#) member)



Mississippi Team Earns Top Honors



1st Place Mississippi

Mississippi placed first among eleven states that competed in the National 4-H Forestry Invitational from July 24 through July 27, 2022. Teams from Louisiana and Florida placed second and third, respectively. Indiana, Kentucky, North Carolina, Oklahoma, Tennessee, Pennsylvania, and Utah also competed in this year's Invitational.

[Read more here...](#)



Training Materials and References



[Invitational Handbook](#)



[Invitational Glossary](#)



[National 4-H Forestry Manuals \(Units A, B, and C\)](#)



[Insect and Disease Contest References](#)



[Tree Identification Contest References](#)



[Compass Traverse Contest References](#)



[Tree Measurement Contest References](#)



[Forest Evaluation Training References](#)



[Forestry Bowl Contest References](#)



[Topographic Map Contest References](#)



[Silvicultural Information on Tree Species Native to North America](#)

Forestry Manuals

The National 4-H Forestry Member's Manuals and Leader's Guide are official Invitational references for questions used in the Forestry Bowl competition and the written exam. You can access each of these manuals by clicking on the icon next to the manual's title. The manuals are in PDF format, so you will need Adobe Acrobat Reader® on your computer to read them. This software can be [downloaded free](#).

- [4-H Forestry Program A - Trees; Member's Manual \(PDF, 1.8 MB\)](#)
- [4-H Forestry Program B - Forests; Member's Manual \(PDF, 1.7 MB\)](#)
- [4-H Forestry Program C \(PDF, 2.1 MB\)](#)

Contest

Tree Measurement Contest

Forest Evaluation Training

Forestry Bowl

Topographic Map Contest

Outside Resources

Quiz Bowl and Exam Study Guide

Florida Quiz Bowl Rules

- One team at a time
 - Moderator, Judge, Timer
- Directed Questions
 - 10 questions
 - 30 seconds to discuss with the team
 - Team captain answers the question
- Toss-Up Questions (Speed Bowl)
 - Two minutes for as many questions as you can get.
 - No discussion
 - Anyone can answer
 - Incorrect response scores minus 5.
 - Can say 'pass' to move to the next question.

Hints from last year's team

- For the toss up questions, when speed is of the essence, work out a communication systems (thumbs up, thumbs down, perhaps) so that you all know whether someone wants to answer or if you should quickly pass. But you can only pass on half the questions.
- Also discuss whether to use a few precious seconds to discuss potential right answers before responding. There is a cost to answering too quickly!

Let's try a Directed Question

- Pretend you are all one team.
- Select a captain just for now.
- I'll give you a question.
- You have 2 minutes to discuss/chat.
- No external resources are allowed – just you and your head!
- Ready?

- Which football team won the 2022 Super Bowl?

- Which football team won the 2022 Super Bowl?
 - Rams 23
 - Bengals 20



- What are three reasons to manage a native longleaf pine forest with prescribed fire?

- What are three reasons to manage a native longleaf pine forest with prescribed fire?
 - Reduce understory to lower risk of wildfire
 - Reduce competition to maintain longleaf pines
 - Improve vegetation for wildlife with new growth
 - Encourage wildflower blooms
 - Enhance soil fertility with ash



Let's try some Toss-up Questions

- Pretend you are all one team.
- Anyone can answer.
- Speed is important.
- As soon as you answer or say “pass,” I’ll read the next question.
- Make sure I hear you say something!
- Ready?

- What is the first line of the USA national anthem?

- Most trees in maple family (Acer) have simple, opposite leaves. What is one maple that has compound, opposite leaves?

- The progression of species from one forest community to another, over time and without disturbance, is called ____.

Answers

- What is the first line of the USA national anthem? *Oh say can you see?*
- Most trees in maple family (Acer) have simple, opposite leaves. What is one maple that has compound, opposite leaves? *Box elder*
- The progression of species from one forest community to another, over time and without disturbance, is called *succession.*

Types of questions

- Directed questions will usually have more complicated answers, such as 'list 3 things' or explain a concept. We want you to discuss and decide on the best answer.
- Toss-up questions will usually be answered by a short phrase or word. We want you to answer quickly so you can move to the next question.