

WILDLIFE SAFARI

DESCRIPTION: In this event, students will demonstrate their ability to identify wildlife and their habitats, as well as answer general information about the animals using field guides.

TEAM SIZE: 1 or 2 Students

APPROXIMATE TIME: 30 Minutes

THE COMPETITION:

Students will demonstrate their ability to identify **reptiles and amphibians of the Great Lakes region and answer questions about their behaviors, characteristics and other interesting facts. Students will also be expected to identify selected frog vocalizations.**

Students will be tested on all the species and information covered in the *Reptiles & Amphibians of Minnesota, Wisconsin and Michigan Field Guide*. Students should be familiar with the entire book, as questions may derive from any information presented, including the scientific name of each species.

Teams will rotate between 18 and 20 stations where they may view photographs and biofacts of **reptiles and amphibians** and photographs of their habitats. Each station will consist of 3 to 5 questions and each team will have about 1 minute to answer all questions at a station. The question format will be multiple choice and true/false. **Before beginning the rotation, students will identify a series of frog and toad vocalizations with fill-in-the-blank answers. Audio clips used in the tournament may include a sample that has one or more than one species calling (see the frog call links below).** An answer sheet will be provided.

Students will be responsible for bringing pencils and up to two field guides per team (one per student). Students may bring the Adventure Publications field guide and may write, highlight and/or place tabs in their book to assist them in using it. Students may choose to bring a student-created field guide. A student-created field guide must be contained in a standard-sized binder or notebook (no larger than 11 inches), with no loose pages. No other materials will be allowed in the competition (no clipboards).

SCORING:

Each correct answer will be worth between 1 and 4 points based on variation in difficulty. **The first tie-breaker will be the frog and toad vocalizations questions. Exact spelling is not required.** A second tiebreaker will be based on the number of difficult questions answered correctly.

RESOURCES:

Reptiles & Amphibians of Minnesota, Wisconsin and Michigan Field Guide

By Stan Tekiela

ISBN-13: 978-1591932802

ISBN-10: 1591932807

Publisher: Adventure Publications

Publication date: March 11, 2014

216 pages

Frog and toad species calls:

Individual Species:

[Blanchard's Cricket Frog](#)

[Boreal Chorus Frog](#)

[Bullfrog](#)

[Cope's Gray Tree Frog](#)

[Eastern Gray Tree Frog](#)

[Eastern American Toad](#)

[Fowler's Toad](#)

[Green Frog](#)

[Mink Frog](#)

[Northern Leopard Frog](#)

[Northern Spring Peeper](#)

[Pickerel Frog](#)

[Western Chorus Frog](#)

[Wood Frog](#)

Multiple Species:

[Gray Tree Frog, Spring Peeper, and Western Chorus Frog](#)

[Green Frog, Mink Frog, Gray Tree Frog](#)

[American Toad and Western Chorus Frog](#)

Frog and toad vocalization audio files will also be posted on the Wildlife Safari event webpage at www.macombso.org/wildlife.

If a rule clarification is posted on the Macomb Science Olympiad website, the supervisor will score this event accordingly. Please visit: www.macombso.org/wildlife.