

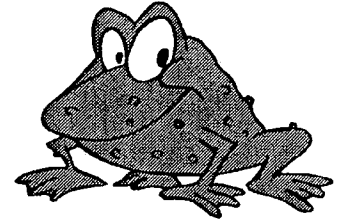
1. **DESCRIPTION:** This event will test knowledge of amphibians and reptiles.

A TEAM OF UP TO: 2

APPROXIMATE TIME: 50 minutes

2. **EVENT PARAMETERS:**

Teams may bring one (1) published field guide and one unaltered Official National List of Amphibians and Reptiles. Teams may write in their field guides, add Post-It or other notes and tab pages. At the national tournament teams will be allowed to use both eastern and western field guides. No other resources, electronic devices or printed labels will be allowed.



3. **THE COMPETITION:**

- a. Each team will be given an answer sheet on which they will record answers to each section.
- b. Specimens/pictures will be lettered or numbered at each station.
- c. Participants should be able to do basic identification to the level indicated on the Official List. No more than 50% of the competition will require giving common or scientific names (class, order or genus as indicated on the Official List).
- d. Each specimen will have one or more questions accompanying it on some aspect of its life history, distribution, anatomy and physiology, reproduction, habitat characteristics, ecology, diet, behavior, conservation and biogeography.
- e. The event could include live and preserved specimens, skeletal material, **recordings of songs**, and slides or pictures of specimens.
- f. There should be a balance between amphibian, turtle, and reptile questions with some questions on crocodilians.
- g. All questions will be restricted to specimens on the Official National List-see <http://www.soinc.org>.

4. **SCORING:** The teams with the highest number of correct answers will be the winners. Selected questions may be used as tiebreakers.

SUGGESTED RESOURCES: All specimens on the **Official List** are represented in **both** of the **Peterson Guides** and are available from the Science Olympiad store at www.soinc.org.

A Peterson Field Guide to Reptiles & Amphibians: Eastern and Central North America, by Roger Conant and Joseph T. Collins (1998)

A Peterson Field Guide to Western Reptiles and Amphibians, by Robert C Stebbins (2003)

For additional information on Herpetology, see-<http://www.cnah.org/>