

ORNITHOLOGY

1. **DESCRIPTION:** This event will test knowledge of North American birds on the official list.

A TEAM OF UP TO: 2

APPROXIMATE TIME: 50 minutes

2. **EVENT PARAMETERS:**

Each **student** may bring **one commercially** published **book (or** field guide), one two-sided page of the Official National Bird List and one 8.5" x 11" two-sided page of notes that contain information in any form from any source (teams may tab {**limit 3 words**} the guide and write on any of these). No other resources, electronic devices or printed labels will be allowed.



3. **THE COMPETITION:** Each team will be given an answer sheet on which they will record answers.

- The competition **may** be run as **timed** stations and/or as a **timed slides** PowerPoint presentation.
 - Specimens/pictures will be lettered or numbered at each station. The event may include preserved specimens, skeletal material, recordings of songs, and slides or pictures of specimens.
 - Participants should be able to do basic identification to the level indicated on the Official List. States may have a modified state or regional list. See your state web site. No more than 50% of the competition will require giving common or scientific names.
 - 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.
 - The ecology questions may pertain to any ecological aspect of the species, including behavior, habitat, niche, symbiotic relationships, trophic level, adaptive anatomy such as bill size and shape, migration, distribution or occurrence (rare, common, special concern, endangered.)
 - All questions will be restricted to specimens on the Official National List-see [http://www. soinc.org](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.

Recommended Resources: All specimens listed on the Official Science Olympiad **National Bird List** are represented in the **Peterson Field Guide to Birds of North America (08)**, both are available on the Official Science Olympiad Store and Website at <http://www.soinc.org> as are all reference and training resources.