

INVASIVE SPECIES: STOP THE INVASION

1. **DESCRIPTION**: This event will test the team's knowledge of invasive species in Ohio.

TEAM OF UP TO: 2

APPROXIMATE TIME: 50 min.

2. **EVENT PARAMETERS**: Must bring writing instruments. Teams may bring the Official List of Ohio Invasive Species and one 3-ring binder (any size) containing information in any form from any source. Event Supervisors will provide a hands-on event with all necessary items, maps, charts, data sets, materials, questions, and response sheets for participants to complete stations.

3. **THE COMPETITION**: This event can be run as sit-down test or a station format.

a. Participants should be able to do basic identification of items from the Official List. No more than 50% of the competition will require providing common names.

b. Each specimen will have one or more questions accompanying it on some aspect of its life history, distribution, reproduction, habitat, diet, behavior (including invasive behavior), control methods, laws & regulation.

4. **SCORING**: Points will be awarded for the accuracy of responses. High score wins. Ties will be broken by the accuracy or quality of answers to pre-selected questions chosen by the event leader.

Recommended Resources:

www.invasivespeciesinfo.gov

<http://ohiodnr.gov/invasivespecies>

The Official List of Ohio Invasive Species

Invertebrate Species

1. Asian Long-Horned Beetle (*Anoplophora glabripennis*)
2. Brown Marmorated Stink Bug (*Halyomorpha halys*)
3. Common Pine Shoot Beetle (*Tomicus piniperda*)
4. Emerald Ash Borer (*Agrilus planipennis*)
5. European Gypsy Moth (*Lymantria dispar*)
6. Soybean Cyst Nematode (*Heterodera glycines*)

Aquatic Animals

7. Alewife (*Alosa pseudoharengus*)
8. Asian Carps
9. Chinese Mitten Crab (*Eriocheir sinensis*)
10. Eurasian Ruffe (*Gymnocephalus cernuus*)
11. New Zealand Mud Snail (*Potamopyrgus antipodarum*)
12. Nutria (*Myocastor coypus*)
13. Quagga Mussel (*Dreissena bugensis*)
14. Round Goby (*Neogobius melanostomus*)
15. Rusty Crayfish (*Orconectes rusticus*)
16. Sea Lamprey (*Petromyzon marinus*)
17. Spiny Water Flea (*Bythotrephes longimanus*)
18. Zebra Mussel (*Dreissena polymorpha*)

Plants

19. Autumn Olive (*Elaeagnus umbellata*)
20. Canada Thistle (*Cirsium arvense*)
21. Common Buckthorn (*Rhamnus cathartica*)
22. Common Teasel (*Dipsacus fullonum*)
23. Fig Buttercup (*Ficaria verna*)
24. Garlic Mustard (*Alliaria petiolata*)
25. Houndstongue (*Cynoglossum officinale*)
26. Japanese Honeysuckle (*Lonicera japonica*)
27. Japanese Knotweed (*Fallopia japonica*)
28. Johnsongrass (*Sorghum halepense*)
29. Kudzu (*Pueraria montana* var. *lobata*)
30. Mile-A-Minute Weed (*Persicaria perfoliata*)
31. Multiflora Rose (*Rosa multiflora*)
32. Tree-of-Heaven (*Ailanthus altissima*)

Aquatic Plants

33. Curly Pondweed (*Potamogeton crispus*)
34. Eurasian Watermilfoil (*Myriophyllum spicatum*)
35. Hydrilla (*Hydrilla verticillata*)
36. Purple Loosestrife (*Lythrum salicaria*)
37. Water Lettuce (*Pistia stratiotes*)

Fungi

38. Dutch Elm Disease (*Ophiostoma*)
39. Butternut Canker (*Sirococcus CDlagiginemti-juglandacearum*)
40. Oak Wilt (*Ceratocystis fagacearum*)
41. Whitenose Bat Syndrome (*Pseudogymnoascus destructans*)