

Ecology: Project

Students will select **ONE** of the following species of organisms and answer all the questions.

Species

1. European Frogbit (*Hydrocharis morsus-ranae*)
2. Flowering Rush (*Butomus umbellatus*)
3. Garlic Mustard (*Alliaria petiolata*)
4. Purple Loosestrife (*Lythrum salicaria*)
5. Asian Longhorn Beetle (*Anoplophora glabripennis*)
6. Butternut Canker (*Sirococcus clavigignenti juglandacearum*)
7. Dutch Elm Disease (*Ophiostoma ulmi*)
8. Gypsy Moth (*Lymantria dispar*)
9. Pine Shoot Beetle (*Tomicus piniperda*)
10. Raccoon Rabies (*Rhabdo virus*)
11. Eurasian Watermilfoil (*Myriophyllum spicatum* L.)
12. Zebra mussel (*Dreissena polymorpha*)
13. Spiny water flea (*Bythotrephes cederstroemi*)
14. Round goby (*Neogobius melanostomus*)
15. **Red-eared slider** (*Trachemys scripta elegans*)
16. **Sea Lamprey** (*Petromyzon marinus*)

What you need to research:

1. Description of species, its origin and how did they get here (Ontario/Canada)
2. Ecological impacts – What ecosystem is affected
3. Economical impacts (costs associated – damage done, removal, ...)
4. Social impacts – How does it affect people
5. Treatment – What needs to be done. How should it be done
6. Describe Government Initiatives to control/remove species
7. Describe the efforts of non-governmental groups with your species

Presentation

You may use any means of presentation that has been accepted by the teacher.

Example: Skit (like an interview), slide show, poster, movie clip, brochure, research report.

*****Do not forget to submit your references*****