

# Investigations of Species at Risk in Canada

## Part 1: Species at Risk distribution across Canada

Instructions:

- go to [http://www.speciesatrisk.gc.ca/map/default\\_e.cfm](http://www.speciesatrisk.gc.ca/map/default_e.cfm)
- scroll down and read through the instructions on how to use the online maps
- click <begin search>
- the map that is initially drawn will include all species at risk

Q1. What 3 regions have the most species at risk (example: eastern Nunavut)

Q2. Why are all of these areas in Southern Canada?

Q3. Write the common name of one species for each of the following categories.

Group	Endangered	Threatened	Special Concern
Mammals			
Birds			
Reptiles			
Fishes			
Lepidopterans			
Molluscs			
Plants			

Q4. Define each of the following:

Mollusc

Lepidopteran

## Part 2: Species at Risk in PEI

- click on the <zoom in> tool
- draw a box around PEI (a large map of PEI should be drawn) BE PATIENT!!
- Click on the <Species search within a Geographic area> tool
- draw a box around PEI
- scroll down and check the highlighted species

Q5. List the species at risk in PEI

Q6. List the Species at risk in Leeds Grenville (draw a box around Kemptville-Brockville-Iroquois)

# Species at Risk Fact Sheet

Students may work in pairs or as individuals. All students will present their species at risk on \_\_\_\_\_.

Go to the Environment Canada Species at Risk Site:

[http://www.speciesatrisk.gc.ca/map/default\\_e.cfm](http://www.speciesatrisk.gc.ca/map/default_e.cfm)

There are 324 species to choose from. Choose one of the species identified on the species at risk website. EACH PERSON/PAIR MUST RESEARCH A DIFFERENT SPECIES. THEREFORE YOU NEED TO TELL MR. CHARLEBOIS WHICH SPECIES YOU ARE WORKING ON.

Design a 2 page (8.5 x 11) fact sheet with your chosen species as the theme. You must include the following information:

- Page 1:
- full page picture of the organism
  - common and scientific names
  - risk classification
  - threats to the species (why is it at risk?)

- Page 2:
- picture of organism
  - Description of organism
  - Description of Habitat
  - Population numbers and Distribution
  - Map of Distribution
  - Description of protection and Recovery efforts

	1	2	3	4
<b>Page 1</b>	- one or more components not completed	- all components are completed - information is not organized over and around the graphic	- all components completed - information is organized over and around the graphic	- additional information / detail / creativity are included
<b>Page 2</b>	- one or more components not completed	- all components are completed - information is not organized over and around the graphic	- all components completed - information is organized over and around the graphic	- additional information / detail / creativity are included
<b>Distribution Map</b>	- map was copied from the website	- map was edited with limited success	- map was edited with some success	- map was edited in paint or other graphics program