

WILDLIFE



Practice Questions



Suggested Time: 20-30 minutes
Envirothon NB Learning Objectives

Recommended Grades: 6 - 12



The following are some typical questions drawn from Envirothon NB Wildlife Field tests over the years. Some exam questions are site specific, while others are more generic to New Brunswick

Curriculum Outcomes

Concepts & Content

- Observation
- Identification
- Estimation
- Analyze and Interpret
- Habitat
- Small Mammals
- Endangered Species
- Birds

NB Global Competencies

- Critical Thinking & Problem Solving
- Communications
- Collaboration
- Sustainability & Global Citizenship
- Innovation & Creativity

UN Sustainable Development Goals



<https://sdgs.un.org/goals>

Acknowledgements

Kelly Honeyman, JD Irving Limited



Questions?

Connect with a natural resource expert.

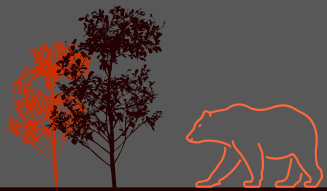
Contact us:

Becky Geneau

Director, Environmental Programming & Science Competitions

becky.geneau@scienceeast.nb.ca

(506) 457-2340 ext. 129



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1. Ruffed Grouse are popular upland game birds throughout most of North America. Part of their common name refers to: Circle your answer. 1 point

- a) Primitive nest building abilities
- b) Poor condition of wing feathers
- c) Aggressive behaviour by male
- d) Distinctive brown feathers on neck
- e) Broken wing behaviour

2. Match the following predator and prey species: 7 points

- | | | |
|------------------------|------------------------|------|
| a. Pygmy Shrew | Field Mouse | ---- |
| b. Lynx | Arion subfuscus (slug) | ---- |
| c. Fox | American Robin | ---- |
| d. American black duck | Aquatic Insects | ---- |
| e. Ruffed legged hawk | Earthworms | ---- |
| f. American robin | Snow Shoe Hare | ---- |
| g. Belted Kingfisher | Small fish | ---- |

3. This federally protected NB COSEWIC listed (Endangered) lepidoptera feed on the new shoots of salt meadow grass (Spartina patens) while in the first stage larval form. 2 points

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4. Define Riparian Zone and describe three ways it is beneficial to wildlife. 4 points

5. Feathers can assist birds in the following areas:

2 points

- a. Weather prediction
- b. Improved hearing
- c. Digestion
- d. Sound production
- e. Answers B & D
- f. None of the above

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6. All of the following techniques are used by biologists to estimate the population size of terrestrial species except... **1 point**

- a) Song or call counts
- b) Trap, mark and re-capture
- c) Fecal counts
- d) Creel census

7. Given the dental formula $2/1, 0/0, 3/2, 3/3$, name the NB species. **2 points**