

Interactions and Ecosystems Practice Quiz

Topic 7 - Environmental Monitoring

1. Different kinds of monitoring can occur to ensure that changes in the ecosystem are noticed and addressed. If the population of cariboo suddenly declined in a particular area it would be noticed by this type of ecosystem monitoring.

physical

environmental

chemical

biological

2. The aftermath of the Mt. St. Helen's Volcano eruption in 1980, was monitored to see just how quickly spiders would return to the area. This type of monitoring is called ...

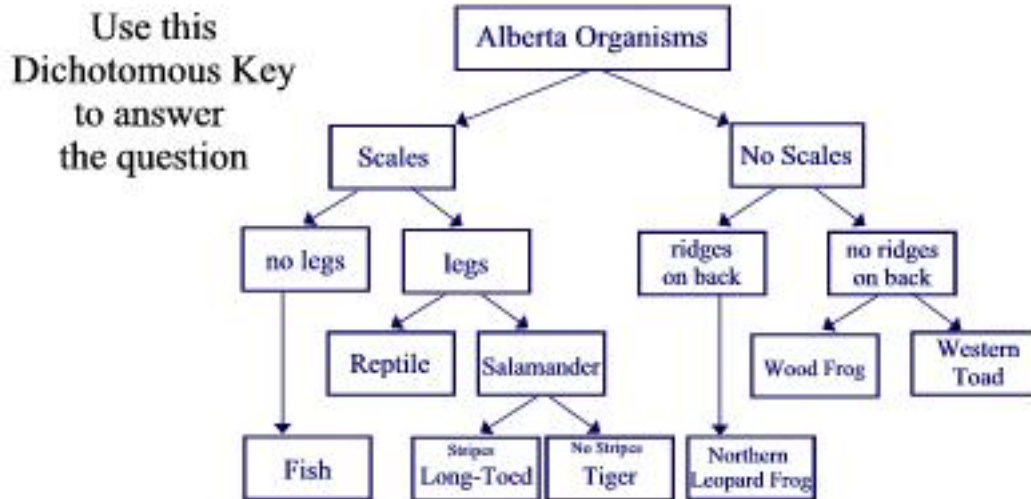
physical

environmental

chemical

biological

3. A dichotomous key is used to identify things by their distinguishing structural characteristics.



The Alberta Organism that has scales, legs and no stipes is a ...
wood frog

reptile

tiger salamander

northern leopard frog

4. Whenever an ecosystem is monitored to see what types of changes occur over a period of time, it is very important to identify what the ecosystem was like before the change was noticed. This information is called ...

impact assessment

baseline data

permanent plot

quadrant sample

5. The economic development of the Northern River Basins Region in Alberta has threatened the lifestyle of the Aboriginal people living in this area. The Northern River Basins Study concluded that ...

the pulp mills were environmentally safe

industrial waste was being disposed of properly

traditional Aboriginal knowledge of the area was not important

low oxygen levels were responsible for decreased fish populations

Check your [Answers](#)

Interactions and Ecosystems Practice Quiz (Answers)

Topic 7 - Environmental Monitoring

1. Different kinds of monitoring can occur to ensure that changes in the ecosystem are noticed and addressed. If the population of cariboo suddenly declined in a particular area it would be noticed by this type of ecosystem monitoring.

physical

environmental

chemical

biological (Text p. 68) Figure 1.62D

2. The aftermath of the Mt. St. Helen's Volcano eruption in 1980, was monitored to see just how quickly spiders would return to the area. This type of monitoring is called ...

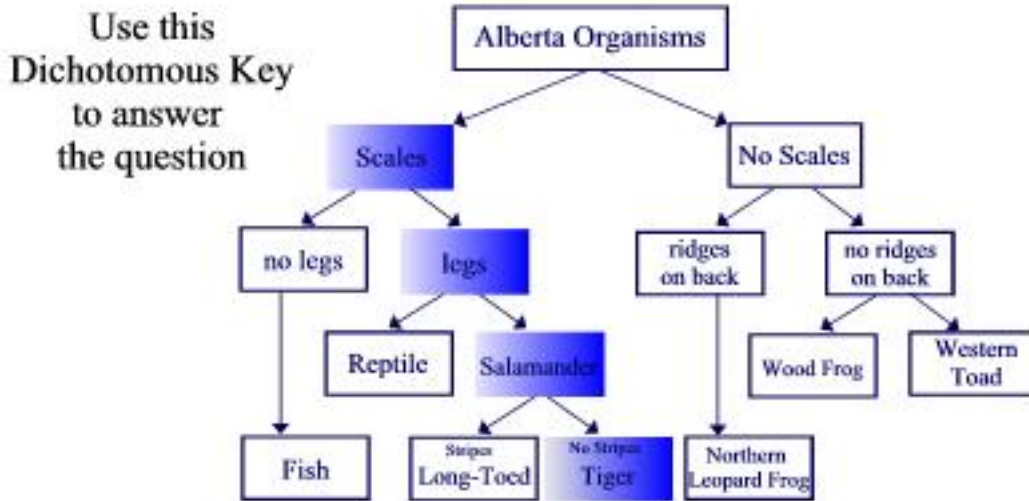
physical

environmental (Text p. 69) Figure 1.64

chemical

biological

3. A dichotomous key is used to identify things by their distinguishing structural characteristics.



The Alberta Organism that has **scales**, **legs** and **no stipes** is a ...
wood frog

reptile

tiger salamander (Text p. 73)

northern leopard frog

4. Whenever an ecosystem is monitored to see what types of changes occur over a period of time, it is very important to identify what the ecosystem was like before the change was noticed. This information is called ...

impact assessment

baseline data (Text p. 74-75) Definition and Figure 1.68

permanent plot

quadrant sample

5. The economic development of the Northern River Basins Region in Alberta has threatened the lifestyle of the Aboriginal people living in this area. The Northern River Basins Study concluded that ...

the pulp mills were environmentally safe

industrial waste was being disposed of properly

traditional Aboriginal knowledge of the area was not important

low oxygen levels were responsible for decreased fish populations (Text p. 78)