Kirtland's Warbler Honor



1. Describe at least five characteristics of a Kirtland's Warbler. Color a diagram of a Kirtland's Warbler.

2. Be able to identify Kirtland's Warbler by sound and be able to distinguish it from other species of birds that live in their habitat i.e. Nashville Warbler, Vesper Sparrow, Clay-colored Sparrow.

3. What is the name of the habitat, which Kirtland's Warbler breeds?

   Draw on a map of Michigan where most of the Kirtland's Warblers breed.

   Why is Michigan essential to the survival of a Kirtland's Warbler?

4. Be able to identify three types of pine trees including Jack Pine, which live in Michigan.

   a.

   b.

   c.

5. Give two characteristics of Jack Pine that make them resistant **and** dependent on fire.

   a.

   b.

6. What size of Jack Pine tree do Kirtland's build their nests?

   Make a sketch of where Kirtland's Warbler build their nests.

   How many acres of Jack Pine forest are needed for each pair of Kirtland's Warblers?

7. Why is Kirkland's Warbler sometimes called the "Firebird"?

   Explain how fire normally played a role in the Kirtland's Warbler's habitat.

8. What caused the Kirtland's Warbler to land on the endangered species list. How scarce did the Kirtland's Warbler get?

9. How did ecologist save the Kirtland's Warbler?

Explain the “cowbird” problem in the recovery of Kirtland’s Warbler.

10. Explain what “Species Reliant on Conservation” means and how it applies to the Kirtland’s Warbler.

11. Do one of the following:
    a. Take a tour to see a Kirtland’s Warbler_____
    b. Visit a museum that has a preserved Kirtland’s Warbler_____
    c. Watch a video about Kirtland’s Warbler____

12. Share two spiritual lessons from the Kirtland’s Warbler to your club, unit or church. is provided, the second, come up with your own spiritual lesson.

    a. The Cowbird — Guard Your Heart

    The Brown-headed Cowbird lays its eggs in the nests of Kirtland’s Warblers. The warblers often cannot recognize the cowbird eggs and end up raising cowbird chicks instead of their own. they outcompete the warbler chicks for food and space, sometimes causing them to starve or be pushed out of the nest.

    Spiritual Lesson -

    Proverbs 4:23

    b. The Jack Pine — New Life After the Fire

    Kirtland’s Warblers need young jack pine forests to survive. The heat of forest fires helps open many jack pine cones, releasing seeds that grow into new trees. What looks like destruction can actually provide the beginning of a new forest and a new home for the warbler.

    Spiritual Lesson

    Romans 8:28