

STAMP CERTIFICATION

I completed this passport on _____ date _____.

My Junior Leader, _____ name _____,

of _____ Junior Grange # _____,

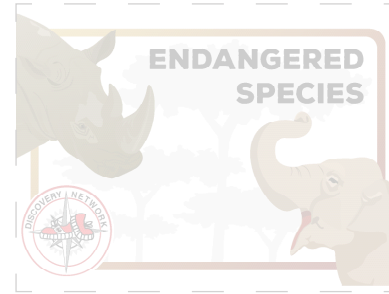
(or, if a 1+ Junior member, my mentor is a member of

_____ Grange # _____)

approved my stamp on _____ date _____.

Junior Leader Signature _____

NOTES ON STEPS/STAMP WORK



ENDANGERED SPECIES

Discovery Network
#13

DIFFICULTY LEVEL ★ ★ ★ ★ ★

AUDIENCE

Designed to be completed sequentially as Juniors grow, with culmination after Junior member has achieved at least a fifth-grade reading level and understands internet research. *To earn the stamp, all steps must be completed but need not be done in order.*

NECESSARY RESOURCES

Internet access, poster board, markers, crayons or printer/paper, camera, paper

LEARNING OBJECTIVES

The purpose of this passport is to educate Junior Grangers about their world and acknowledge human responsibility in conservation and stewardship.

LEARNING OUTCOMES

Upon completion, Junior Grangers will be able to

- define the term “endangered species”
- identify at least one endangered mammal, plant/tree and anthropod
- explain ways in which people are working to help these species
- list career paths related to this work
- discuss the Grange’s interest in conservation and stewardship and how that can relate to issues/challenges like endangered species
- recite a passage from a Grange manual

Step 1

Define endangered species: _____

Step 2

Complete Junior Grange Endangered Species worksheet
 Date Completed: _____

Step 3

Research a plant or tree on the endangered species list
 Plant/tree: _____

Step 4

Research an anthropod on the endangered species list
 Antropod: _____

Step 5

Research a mammal on the endangered species list
 Mammal: _____

Step 4

Create a brochure about one of the endangered species you researched with information you found including what is being done or what people can do to help the species and pass it out to your Junior Grange

Date Completed: _____
 ___Plant/tree ___Anthropod ___Mammal

Step 6

Create a poster board display about a different endangered species you researched with information you found and what people can do about it, and have it displayed at your local Grange or any other public area or use it as a school project

Date Completed: _____
 ___Plant/tree ___Anthropod ___Mammal

Step 7

Give an oral presentation on the final endangered species you researched to your Junior or Subordinate Grange or in school or another public setting

Date Completed: _____
 ___Plant/tree ___Anthropod ___Mammal

Step 8

Visit a zoo, aquarium, national park or other location to see endangered or unique animals; take pictures of different species while visiting and submit your favorite/best into a local, State or National photography contest

Step 9

Send a Thank You card to a wildlife ranger at:
 Ranger c/o World Wildlife Fund, 1250 24th Street
 NW, Washington, DC 20037. (Make sure to mention you're a Junior Granger!)

Date Completed: _____

Step 10

Research a wildlife protection career and present information about it (oral or written) to your Junior Grange or another group of young people

Date Completed: _____
 Name of Career: _____

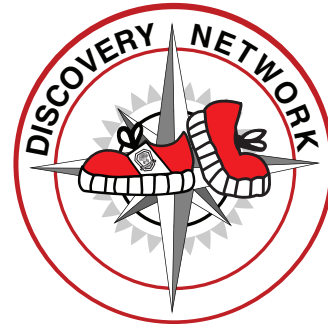
Step 11

Identify and recite one passage from a Junior Grange or Subordinate Grange manual that has to do with conservation, stewardship or husbandry that you think has application to this passport

Date Completed: _____
 Text & page: _____

Junior Grange Endangered Species Worksheet

Associated with Discovery Network Passport #13



While there have been several amendments to the original law, the Endangered Species Act (ESA) that stands today was originally signed into law in what year? _____

Name the three levels of “threatened” species.

There are two federal agencies that are considered “leads” in regards to endangered species. What are they?

_____ and _____

List seven reasons why species become endangered: _____

Identify one animal or plant that is now extinct. _____

About how many endangered species are currently listed in your state? _____

What is the definition of a critical habitat? _____

What are the maximum criminal penalties for violating the ESA? \$_____ in fines and _____ in prison

RESOURCE:

Use the U.S. Fish and Wildlife Service’s Endangered Species Search Map to learn about species that are listed in your state/area: www.fws.gov/endangered/species/index.html

Endangered Species: Categories and Criteria

	Population Reduction Rate	Geographic Range		Population Size	Population Restrictions	Extinction Probability (in the wild)
		Extent of Occurrence	Area of Occupancy			
Least Concern	A species that has a widespread and abundant population					
Near Threatened	A species that is likely to qualify for a threatened category in the near future					
Vulnerable Species	30-50% population decline	<20,000 km ²	<2,000 km ²	<10,000 mature individuals	<1,000 mature individuals or an area of occupancy of <20 km ²	at least 10% within 100 years
Endangered Species	50-70% population decline	<5,000 km ²	<500 km ²	<2,500 mature individuals	<250 mature individuals	at least 20% within 20 years or 5 generations
Critically Endangered	≥80-90% population decline	<100 km ²	<10 km ²	<250 mature individuals	<10 mature individuals	at least 50% within 10 years or 3 generations
Extinct in the Wild	Only survives in cultivation (plants), in captivity (animals), or as a population well outside its established range					
Extinct	No remaining individuals of the species					

