

Name: _____ Date: _____ Per: _____

CP Biology - Endangered Species Project

Goal – to research an endangered species that is recognized by the International Union for the Conservation of Nature (IUCN) and create a PowerPoint presentation that will be presented to the class.

Procedure:

1. You will be provided with a list of animals from the IUCN Redlist and will select an animal from that list. The list contains a variety of animals, but the goal is to focus on animals that are relatively unknown to you.
2. You will be randomly assigned a number to determine the order that animals will be chosen. This will also be the order in which we will present.
3. You will research the animal and make a PowerPoint following the guidelines provided here. We will have 2 class periods to work on the project. Bring a flash drive to class to save your presentation on.
4. Presentations will be 5-7 minutes long.
5. You will also write 3 quiz questions about your animal presentation. These questions will be used to make a presentation test.
6. You will also do some quick research to learn about IUCN, CITES, ESA73, and SSPs – confused? You won't be after you complete the research assignment!
7. Save your file as follows: last name, first initial-period_IUCN (i.e. If I were in 5th period my project would be saved as... **schultzg-5_IUCN**)

Checklist:

Animal name: _____

☐ PowerPoint - DUE: _____

☐ 3 Quiz question – **DUE: A day - 5/17, B day and 7th - 5/18**

☐ Presentation preparation (practice, notecard, ready to go) – PRESENTATION DATE: _____ ORDER: _____

☐ Conservation questionnaire - **DUE: A day and 7th 5/21, B day 5/22**

A Days DUE DATES		
Presentation Date	PowerPoint Due Date	Quiz ? Due Date
5/21	5/18	5/17
5/23	5/21	5/17

B Days DUE DATES		
Presentation Date	PowerPoint Due Date	Quiz ? Due Date
5/22	5/21	5/18
5/24	5/22	5/18

Period 7 DUE DATES		
Presentation Date	PowerPoint Due Date	Quiz ? Due Date
5/21	5/18	5/18
5/22	5/21	5/18
5/24	5/22	5/18

Requirements: The following items must be included in your PowerPoint and Presentation

Presentation: Presentations will be between 5-7 minutes. You are required to PRACTICE your presentation so it fits in the time period. You may use notecards, but reading directly off the screen is not allowed. Two minutes for questions will be allowed at the end of the presentation.

Pictures: You must have at least ONE graphic on EACH slide, more is usually better, but too many is sloppy. Graphics may be pictures, graphs, maps, drawings, etc...

Content:

1. Common name, scientific name (genus species) of your animal.
2. Taxonomy of your animal – this is a list of how the animal is classified by scientists and is important in understanding evolutionary relationships.
3. Relatives of your animal – find other animals that belong to the same CLASS as your animal. You may go further (family or genus), but CLASS is required.
4. Disruption – this describes where the animal is found in the world. Be as specific as possible (continent, country, etc...) and include the habitat/ecosystem
5. Natural history – this is about your animal. What does it eat? How big is it? How does it find food? How does it reproduce (how often, number of offspring, level of care). How does it behave? Any other interesting facts.
6. IUCN Redlist details – how is your animal categorized (threatened, endangered, critically endangered...) When was it classified and why. (all this is on the IUCN website)
7. Conversation and outlook – what are current conservation efforts and
8. Minimum 4 references (one must be the IUCN website) – Wikipedia, google.com, yahoo.com are NOT acceptable as a resources. Resource must be reputable (zoos, universities, conservation organizations, government organizations), not ‘Slim Jim’s Really Cool Website on Elephants’!

Slides: Information must be in the following order. 9 slides are required. Make 9 slides, not 7 slides or 10 slides.

Slide 1 –Your name, animal’s common and scientific name

Slide 6 – IUCN redlist details

Slide 2 – taxonomy and relatives

Slide 7 – conservation efforts

Slide 3 – distribution

Slide 8 – outlook

Slide 4 & 5 – animal information

Slide 9 – resources

Grading Rubric: Name: _____

	4 = Excellent	3 = Good	2 = Fair	1 = Poor
Slide 1	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 2	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 3	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 4	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 5	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 6	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 7	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 8	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Slide 9	All components present	Missing 1 component	Missing 2 components	Missing more than 2 components
Presenting	5-7 minutes, no reading off ppt, articulate, very well prepared, interacts with audience	5 minutes, minimal ppt reading, well spoken, mostly prepared, good eye contact	4-5 minutes, more than ½ time reading ppt, a little prepared, minimal eye contact, hard to hear	<4 minutes, reading ppt most of time, not prepared, little eye contact, not comfortable with content
Points				
<div>Raw Grade = (____/40) _____ %</div> <div>Final Grade: ____/100</div>				

Approved animal list for the IUCN Project

The following is a list of animals from the IUCN Redlist for you to choose from (this is not comprehensive, there are thousands of animals on the Redlist!). Take some time to look up information on animals that sound interesting to you and choose your top 4. You will be selecting animals based on a random order and everyone will be doing something different. If you find an animal on the IUCN list that is not on this list, see Ms. Schultz for approval.

Fish and Invertebrates	Tasmanian Giant Freshwater Lobster, Staghorn coral, Pink velvet worm, No eyed big-eyed wolf spider , Mottled eagle ray , Sharpfish Houndshark, Atlantic bluefin tuna, Speartooth shark, Longnose marbled whipray, Whitespotted izak, Taiwan angelshark, Pincushion ray, Galapagos, barnacle blenny, Chinese bahaba, Silver shark, Golden dragon fish
Amphibians	Hidden Squeaker frog, Blue sided tree frog, Hainan knobby Newt, Adelaide pigmy blue tongue skink, Knysna banana frog, Yosemite toad, Misbelt chirping frog, Sword tailed newt, Berry cave salamander, Limbless worm skink
Reptiles	Short nosed sea snake, Leatherback sea turtle, Timor reef snake, Panay Monitor Lizard, Black Sea Viper, Timor reef snake, Honduran giant anole, Ramsey's python, Smith's dwarf chameleon. Tiger chameleon, Mona island boa, Bold stripped gecko, Saint Lucia racer, Seychelles wolf snake
Birds	Oriental stork, Whopping crane, Maui parrotbill, Hyacinth Macaw, Red-billed currawong , Northern royal albatross, Long whiskered owlet , Giant Kingbird, Northern rockhopper penguin, Madagascar serpent eagle, Crowned eagle, Banded ground cuckoo, Hawaiian creeper, Mindoro hornbill, African penguin
Mammals	Peleng Tarsier, Zanzibar Red Colobus monkey, Ethiopian wolf, Hector's dolphin, White bellied Spider Monkey, Western long-beaked echidna, Tonkin Snub-nosed monkey, Sumatran orangutan, Przewalski's horse, Giant panda, Siamang, Giant mole rat, Malayan tapir, Golden capped fruit bat, Galapagos sea lion, Red Ruffed Lemur, Mountain Nyala, Sei whale, Phayre's leaf-monkey, Banteng, Zanzibar Red Colobus, Chacoan Peccary, Walia Ibex, Pygmy hippopotamus, Sunda Otter civet , Huon tree kangaroo, Grevy's zebra, Sea otter, Giant-striped mongoose, Slender-horned gazelle,, Nile lechwe, Tasmanian devil