Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ APES

Mr. Crisci

**Project: Invasive/Endangered Poster** Date: **\_\_\_\_\_\_\_\_\_**

**Choose a Species:** The only requirement for choosing a species is that it must be a species that is invasive or currently list as an endangered species. It can be any species in the entire world. The following are species identified as being invasive/endangered, but you do not have to choose one of these. There are be others but ***let me know before you choose a different one***.

Go to [www.nyis.info/](http://www.nyis.info/) for a list of invasive species in New York

|  |  |
| --- | --- |
| **Endangered Species** | **Invasive/Exotic Species** |
| Florida Manatee | Hemlock Woolly Adelgid (*Plant*) |
| California Condor | European Gypsy Moth (*Long Island*) |
| Florida Panther | Zebra Mussel |
| Siberian Tiger | Round Goby |
| Giant Panda | Sea Lamprey |
| Black Rhinoceros | Asian long-horned beetle (*Long Island*) |
| Golden Lion Tamarin | Chinese Mitten Crab |
| African Elephant | European Starling |
| Polar Bear | Brown Tree Snake |
| Snow Leopard | Burmese Python |
| Kemp’s Ridley Sea Turtle | Africanized Bee |
| Northern Spotted Owl | Red Lionfish |
| Ghost Bat | Emerald Ash Borer |
| Whooping Crane | Spiny Water Flea |
| Mountain Gorilla | Green Mussel |
| Grizzly Bear | Kudzu (*Plant*) |
| Blue Whale | Purple Loosestrife (*Plant*) |
| Brown Spider Monkey | “Rock Snot” Didymo (*Plant*) |
| Piping Plover (*Long Island*) | Water Hyacinth (*Plant*) |

**The product:**

**Option 1:**

1. A **“WANTED” poster** for your species. You must include:
   1. NAME / ALSO KNOW AS (common name / “criminal” name)
   2. PICTURE – photograph (color would be nice)
   3. IDENTIFYING CHARACTERISTICS – key features to look for when identifying the criminal
   4. LAST SEEN – where did the species originally come from? include a map.
   5. SUSPECTED HIDEOUTS - include a map of the U.S. with its current distribution shaded; description of preferred habitat
   6. CRIMES COMMITTED by your species (crimes must be specific to your species and not general to all invasive species)
   7. pREWARD for elimination of your species (think ecologically, economically, socially, politically – again, be specific for your species)
   8. METHOD OF CONTROL (if there is one, if not state they is no way to currently control it)

**Option 2:**

1. A **“MISSING” poster** for your species.

You must include:

* 1. NAME / ALSO KNOW AS (common name)
  2. PICTURE – photograph (color would be nice)
  3. IDENTIFYING CHARACTERISTICS – key features to look for when identifying the criminal
  4. RANGE OF HABITAT (map of range is ideal)
  5. REASON WHY ITS ENDANGERED
  6. CURRENT STATUS OF ENDANGERMENT (are things improving or getting worse?)
  7. WHAT SHOULD BE DONE TO SAVE YOUR SPECIES? (IN YOUR OPINION)
  8. WHAT IS BEING DONE TO TRY AND SAVE YOUR SPECIES?

1. **Presentation** - you will share the information on your species with the class in a brief oral presentation (3 minutes). When planning your presentation, keep in mind all of the concepts we have studied that relate to the topic and tie them in (biodiversity, r/Kstrategists, environmental resistance, predator/prey relationships, habitat/niche, reasons for being on endangered list...) The presentation component will be graded using the rubric below

**Rubric:**

**CONTENT:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Poster** | | **Presentation** |
| **NAME/ALSO KNOWN AS** | 0 | 1 | stated/shown |
| **PICTURE (colored)** | 0 | 1 | stated/shown |
| **INDENTIFYING CHARATERISTICS** | 0 | 1 | stated/shown |
| **LAST SEEN / RANGE OF HABITAT**  **(native territory / original territory)** | 0 | 1 | stated/shown |
| **SUSPECTED HIDEOUTS / REASON WHY ENDANGERED**  **(current distribution shown on map / reduced territory)** | 0 | 1 | stated/shown |
| **CRIMES COMMITED / CURRENT STATUS** | 0 | 1 | stated/shown |
| **REWARD / WHAT SHOULD BE DONE** | 0 | 1 | stated/shown |
| **METHOD OF CONTROL / WHAT IS BEING DONE** | 0 | 1 | stated/shown |

**QUALITY:**

Poster - creative, legible, neat 0 1 2 3

Color and neatness 0 1 2 3

Presentation is well-prepared (information is organized) 0 1 2 3

**TOTAL:** \_\_\_\_\_\_\_\_ / 17

