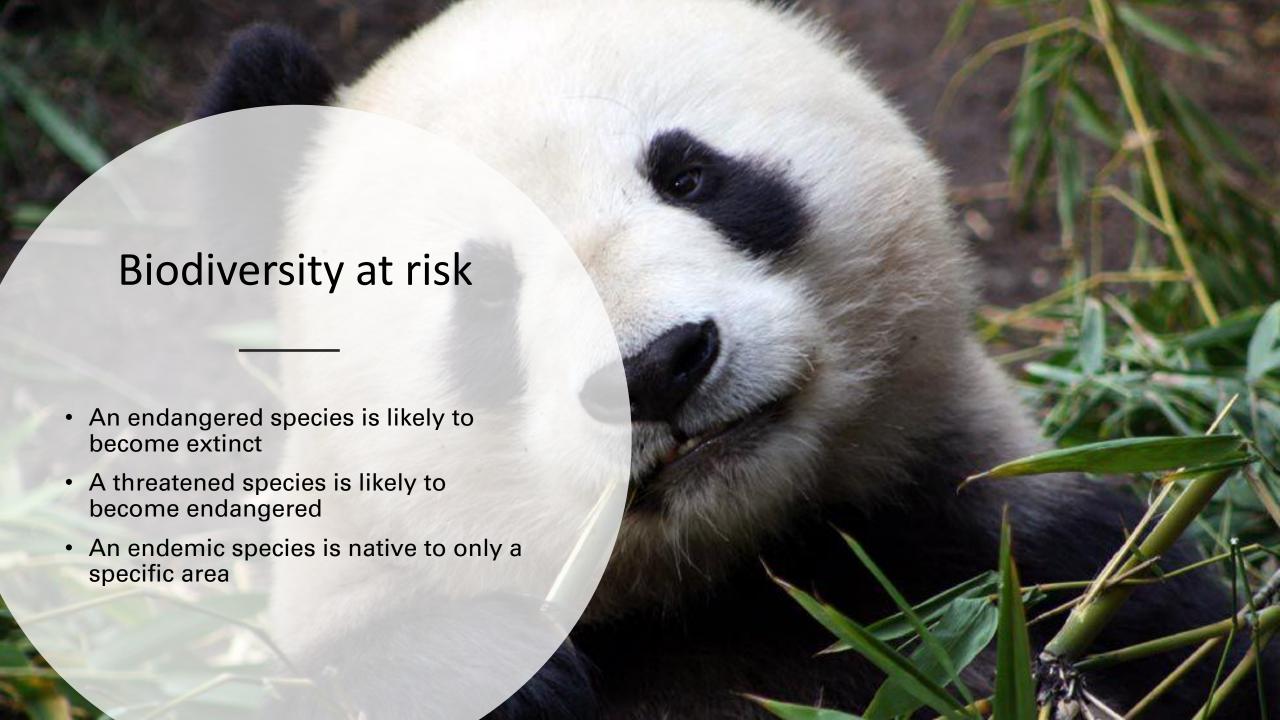


What is biodiversity

- Refers to number of **different species** in an area
- The number of species known to science is about **1.9 million**
- The actual number of species is unknown





Humans cause extinction in several different ways

Habitat Destruction

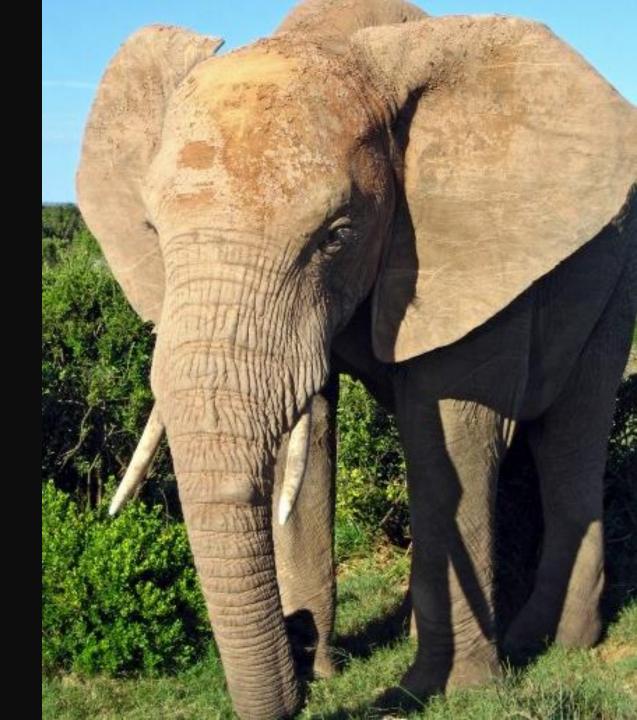
- As human populations grow, we use more land to construct buildings and harvest resources
- In the process, we destroy habitats of other species



Humans cause extinction in several different ways

Overharvesting, Overhunting, and Poaching

- Excessive harvesting and hunting can lead to extinction
- Poaching is the illegal hunting of certain species







Preserving Habitats and Ecosystems

- The Endangered Species Act
 - 1. The U.S. Fish and Wildlife Service must compile a list of all endangered and threatened species in the United States
 - Endangered and threatened animal species may not be caught or killed. Endangered and threatened plants on federal land may not be uprooted. No part of an endangered and threatened species may be sold or traded
 - The federal government may not carry out any project that jeopardizes endangered species
 - 4. The U.S. Fish and Wildlife Service must prepare a species recovery plan for each endangered and threatened species

