## **Graph of the Week**

# September \_

Analyze the graphs below and write a reflection on what you think the graph is communicating to you. To guide you with your response, start with some observations.

- What is the topic of the graph?
- What does the x-axis represent? What does the y-axis represent?
- What are some observations that you can make based on the graph?
- What do you foresee happening in the next 10 years?

### Questions to ask when reading graphs:

- Is there an upward or downward trend?
- Are there any sudden spikes in the graph?
- What is being compared in the graph?
- What prediction can I make for the future?
- What inferences can I make about the graph?

# **Extinctions since 1500** Cumulative percentage of known species in group driven extinct **Amphibians** 2.0 Mammals Birds 1.5 Reptiles 1.0 **Fishes** 0.5 1500 1600 1700 1800 1900 2018 Year SOURCE: IPRES Global Assessment Report on Biodiversity and Ecosystem Services Current global extinction risk in different species groups

#### Total number of Estimate of percentage threatened assessed species 307 Cycads 6576 Amphibians Dicots 1781 Conifers 607 Corals 845 Sharks and rays 1091 Key Crustaceans 2872 Least concern 5593 Mammals Near threatened Reptiles 1500 Deficient data Monocots 1026 Vulnerable 972 Ferns Endangered Dragonflies 1520 Critically Birds 10,966 endangered 633 Gastropods Extinct in Bony fishes 2300 the wild 100

Percentage of species in each category