

ANTHROPOCENE EXTINCTION?

DATA

- ❑ 90% of all large fish have disappeared in the last 50 years due to over-fishing.
- ❑ 30% of North American songbird species are in significant decline.
- ❑ One in eight plant species are in danger of extinction within the next 30 years (ICUN Red List).
- ❑ “Half of bird and mammal species will be gone in 200 to 300 years”.
- ❑ One species is going extinct every 20 minutes [**one species every 10,000 years (geological)**] [The current rate of extinction is 1500 times greater than the normal, sustainable extinction rate.]

CAUSES OF SIXTH MASS EXTINCTION

- ❑ Habitat Loss: fragmentation, degradation, and outright destruction of ecosystems that support native ecosystems (leading cause).
- ❑ Invasive Species: the introduction or overpopulation of species that over-consume natural resources and are uncontrolled by predators (second leading cause).
- ❑ Over-harvesting: the removal of species at rates that exceed reproduction
- ❑ Pollution: introduction of harmful agents that reduce the effectiveness of a species' adaptations