



Habitat Loss & Efforts Against It

How are habitats lost?— Destruction

- Complete removal of habitat
- Examples
 - Clear-cutting forests
 - Filling in wetlands
 - Dredging rivers
 - Mowing fields
 - Bulldozing



How are habitats lost?— Fragmentation

- Broken into many smaller chunks of habitat
- Examples:
 - Making agricultural fields
 - Changing river channels
 - Building roads



How are habitats lost?— Degradation

- Habitat remains but at a lower quality
 - Pollution (air, water, trash, etc.)
 - Toxins
 - Invasive species
 - Disruption of natural processes (like decay or photosynthesis)
 - Fewer niches = lower biodiversity



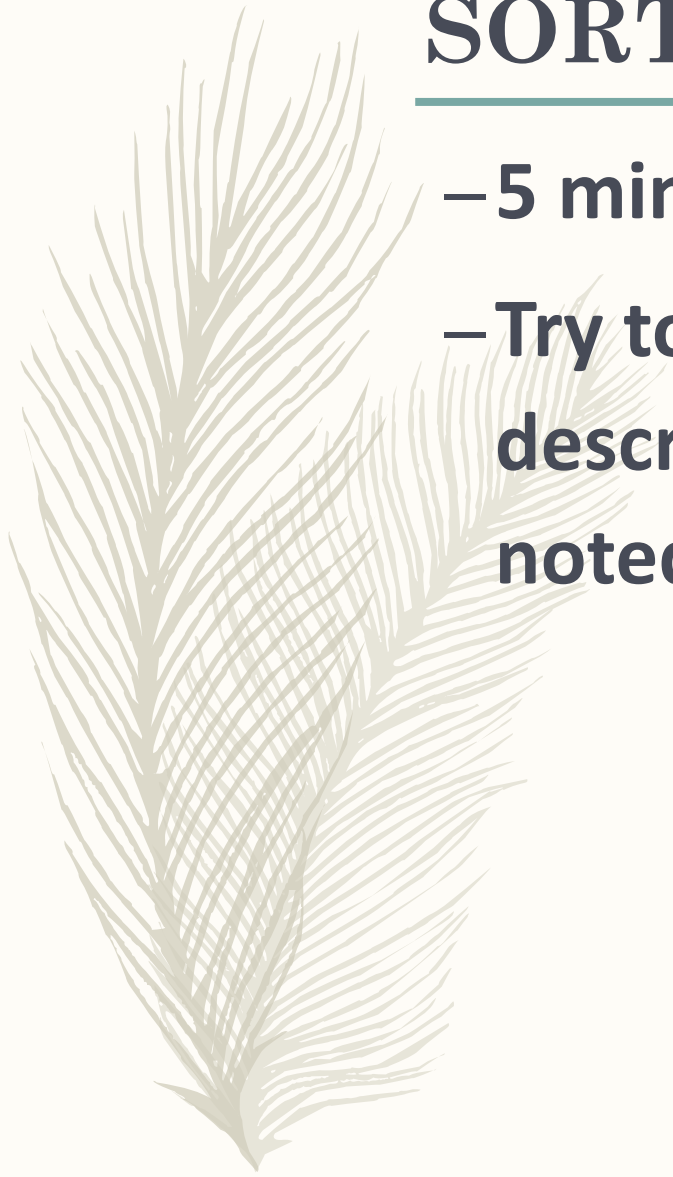
WHY are habitats lost?

- Driven by:
 - Agriculture
 - Land development
 - Water development
 - Pollution
 - Global warming



What Can We Do About It?— SORT

- 5 minutes
- Try to categorize the descriptions/examples based on noted similarities



What Do We Do About It?— Conservation

- Protection of environment, ecosystem, vegetation, and wildlife with little human impact, but with positive results



What Do We Do About It?— Preservation

- Protection of nature or wilderness areas with NO human impacts



What Do We Do About It?— Mitigation

- Creating a new habitat to compensate for the destruction of another



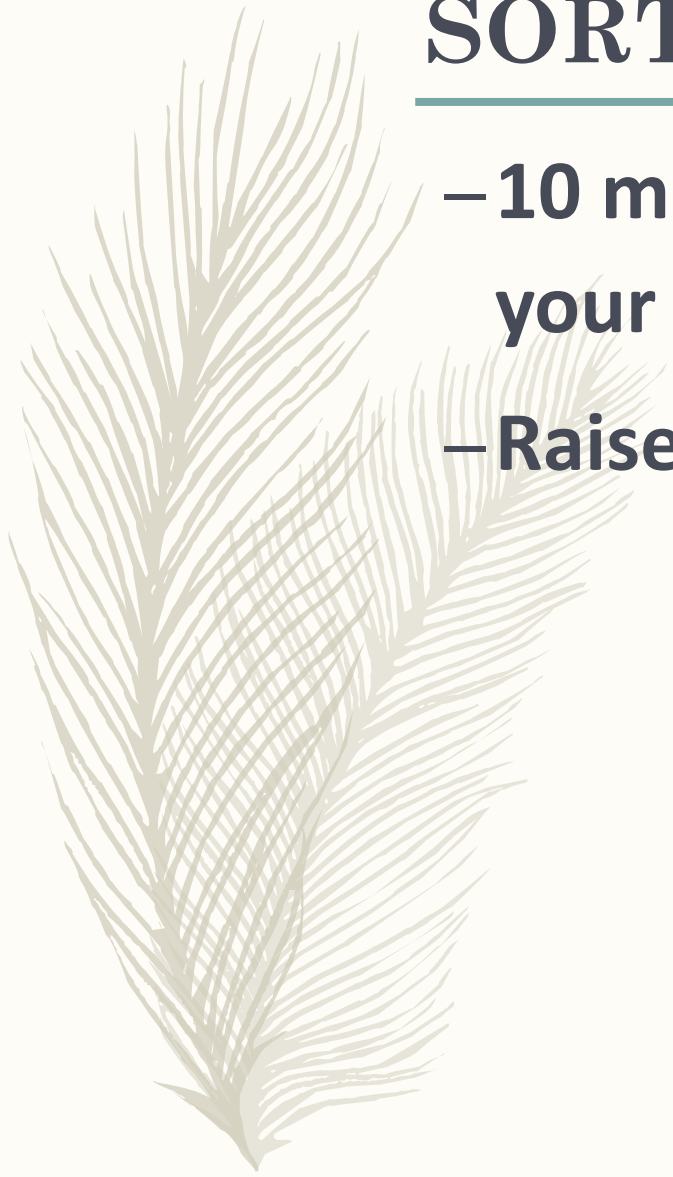
What Do We Do About It?— Restoration

- Renewing and repairing degraded, damaged, or destroyed ecosystems



What Can We Do About It?— **SORT: Cons., Pres., Mitig., & Restor.**

- **10 minutes to reassemble based on your notes**
- **Raise your hand for me to check!**



What Do We Do About It?— Reduce, Reuse, & Recycle



Sustainability

- Reduce—use less . . . less used = less sold = less made = less land/habitat impacted & fewer resources used
- Reuse—buy once but use repeatedly . . . fewer sold = fewer made = less land/habitat impacted & fewer resources used
- Recycle—buy repeatedly but mined once . . . mined/drilled/cut down once = less land/habitat impacted & fewer resources used

What Can We Do About It?— **SORT: Reduce, Reuse, & Recycle**

- **10 minutes to sort based on your notes**
- **Raise your hand for me to check!**

