


Commonly Known as:
Ferns and Horse Tail

Fern	Horsetail
	

How are they like Mosses?

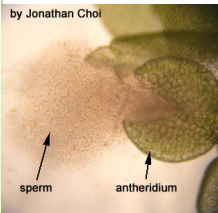
- Seedless**
 - Spores
- Land Plants**



Where do they live?
On Land

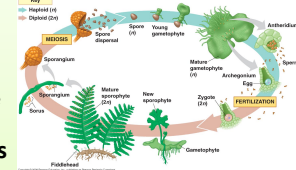
- 2nd plants to make it to land
 - Live in **moist areas**
 - Can handle more dry areas than mosses
- Need to be near water because of spores!

by Jonathan Choi



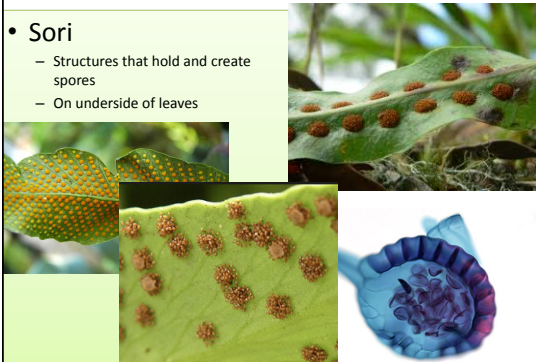
How do Ferns Reproduce?

- They need water for their reproduction
 - Still tied to water for their reproduction
 - Sperm swim from the male to the female
- Spores grow into plants that are male or female
 - Males release sperm that have to swim to the female plant
 - NEEDS TO BE IN A WET ENVIRONMENT FOR THIS



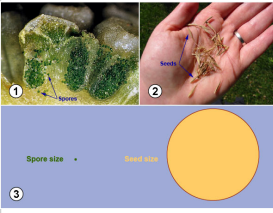
How do Ferns Reproduce?

- Sori
 - Structures that hold and create spores
 - On underside of leaves



How do Mosses Reproduce?

- They use spores
- Spores are different than seeds:
 1. Smaller
 2. Don't have as much resources for baby plant
 3. Don't need to be fertilized to grow into a plant



Vascular	
<ul style="list-style-type: none">• What does that mean?<ul style="list-style-type: none">– They CAN move water	<ul style="list-style-type: none">• How does this affect their shape?<ul style="list-style-type: none">– No longer constrained to have maximum SA for Osmosis<ul style="list-style-type: none">• Don't have to be long/skinny or short/fat– Can be tall because they can move water
