Rice Weed Identification

Louisiana Agricultural
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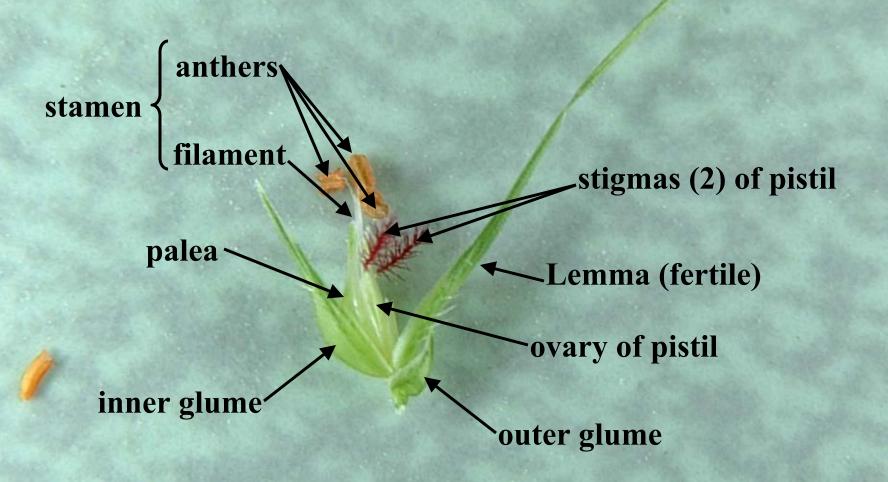


Keying Out vs Recognizing Plants

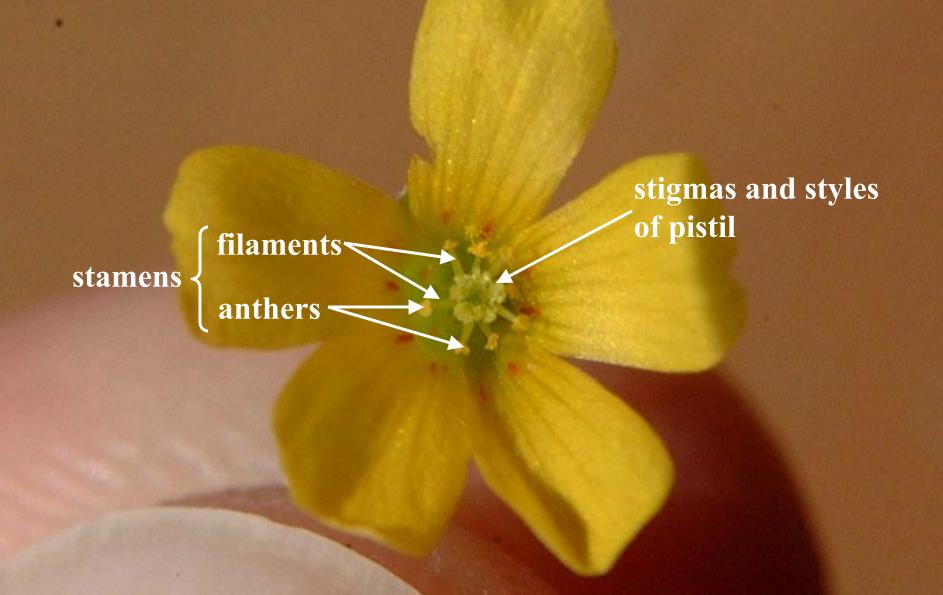
- Taxonomists use floral parts
 - Least affected by environment
 - Lots of differences
- Agriculturists use vegetative parts
 - Cannot wait until reproductive state
 - Fewer and more subtle differences
 - May be affected by environment
 - Restricted to fewer plants

Typical Grass Spikelet

awn of lemma



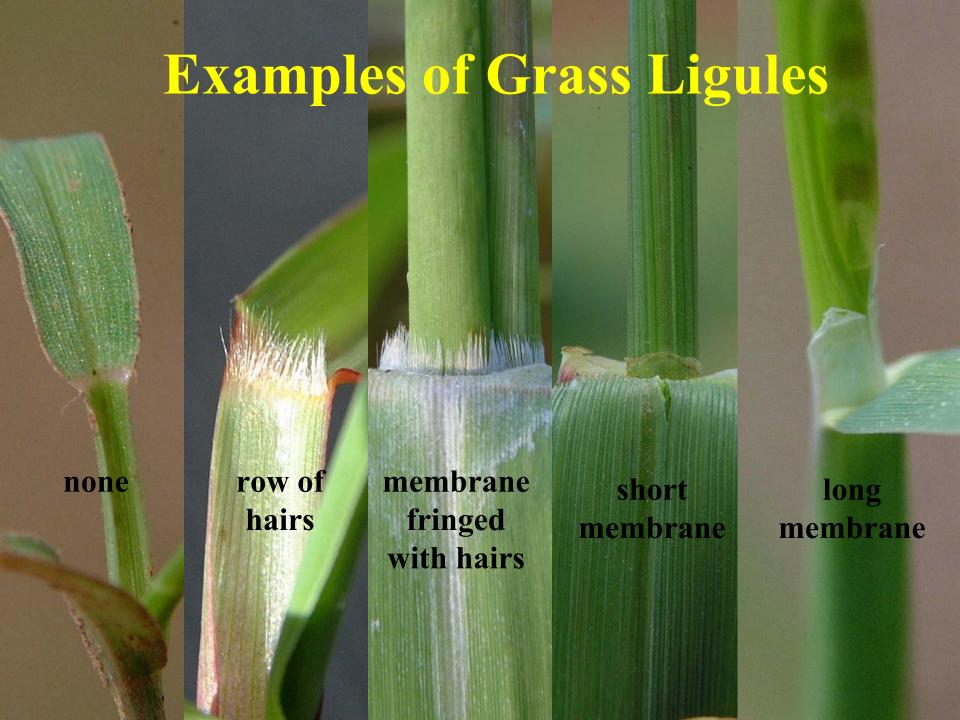
Typical Dicot Flower (1)

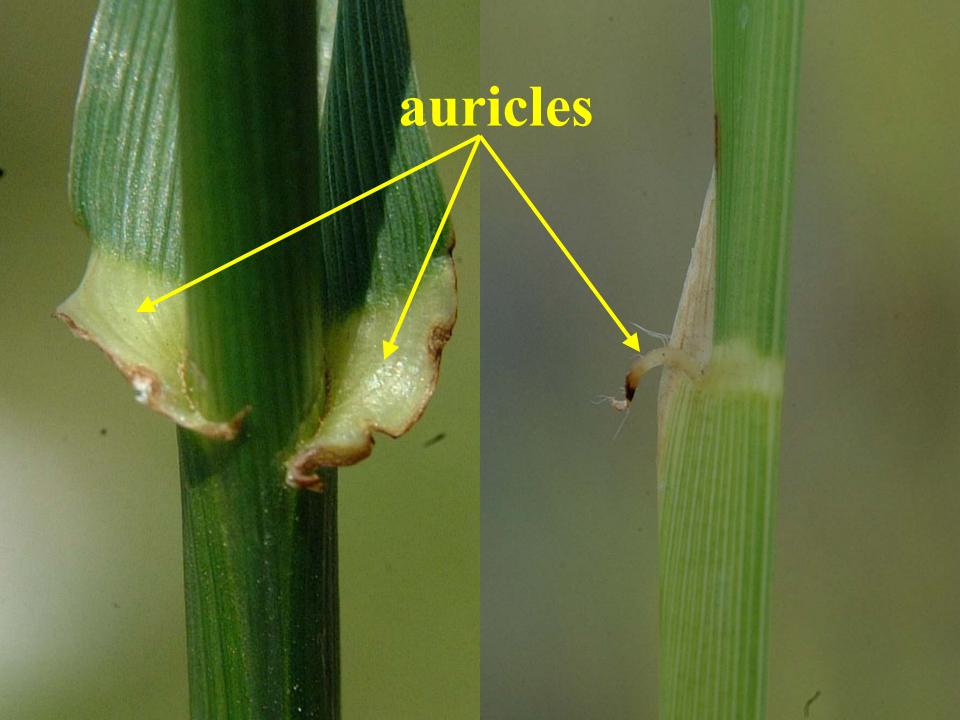


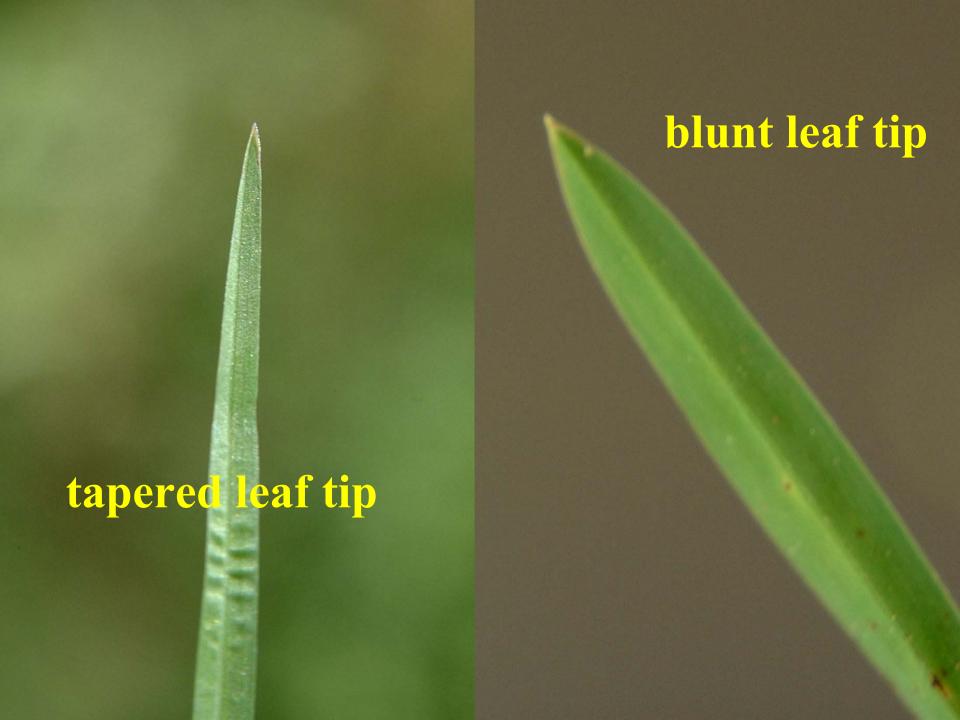
Typical dicot flower (2) petals perianth calyx

Diagnostic Grass Parts

- Ligules
- Auricles
- Leaf tips
- Appearance of youngest leaf
- Stolons and/or rhizomes
- Seeds







Appearance of Youngest Leaf



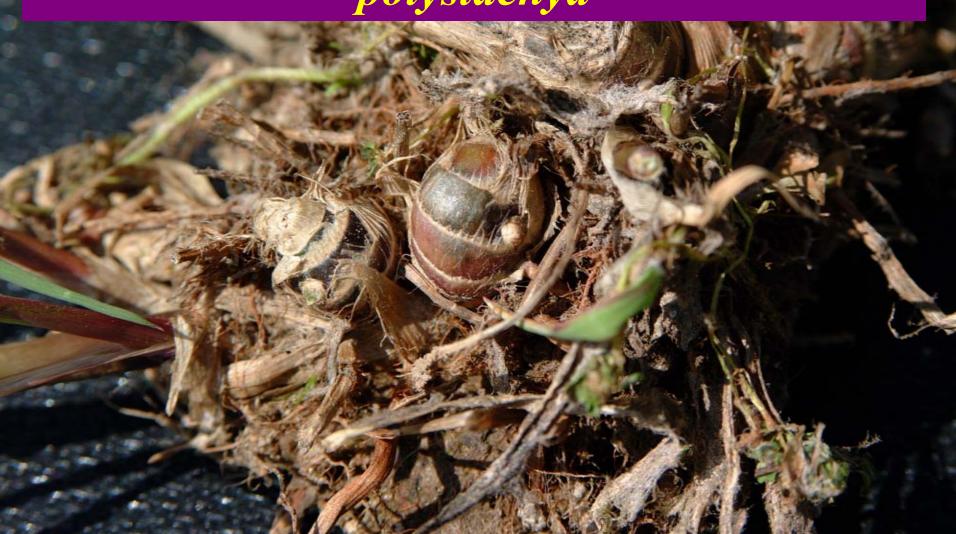








Crown buds of Creeping Rivergrass (perennial barnyardgrass) – Echinochloa polystachya











Panicum sp.





















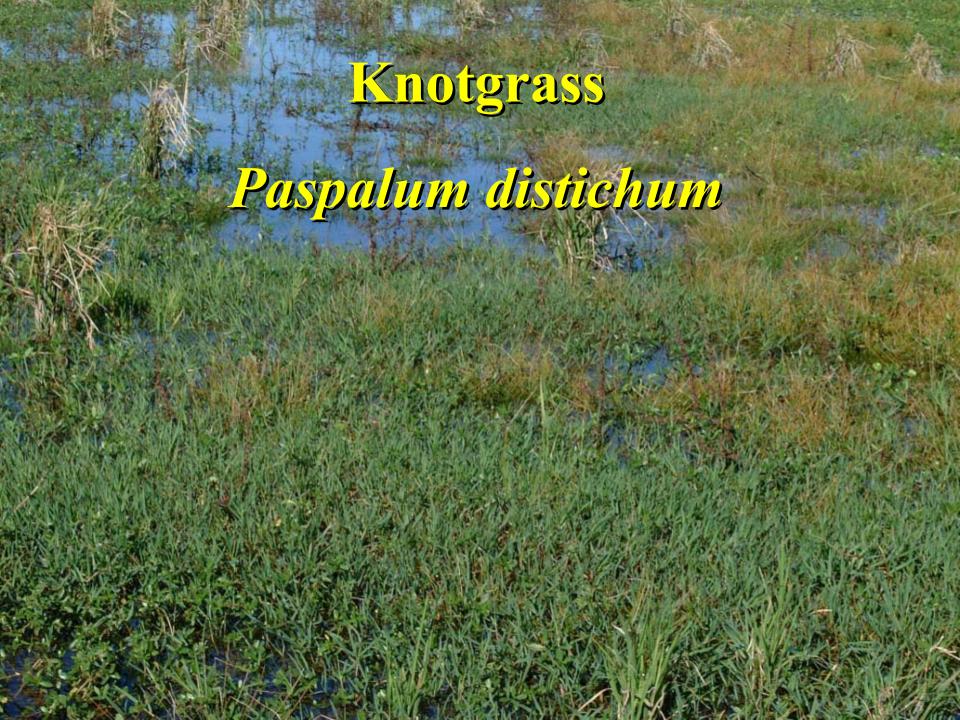




Brook Paspalum or Canoegrass Paspalum acuminatum

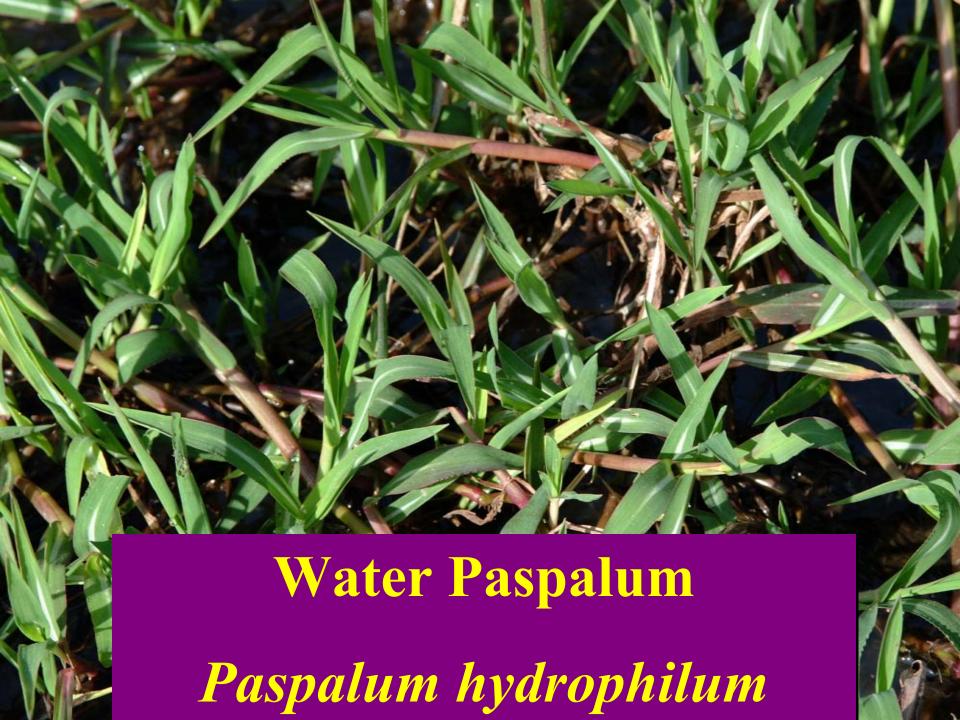












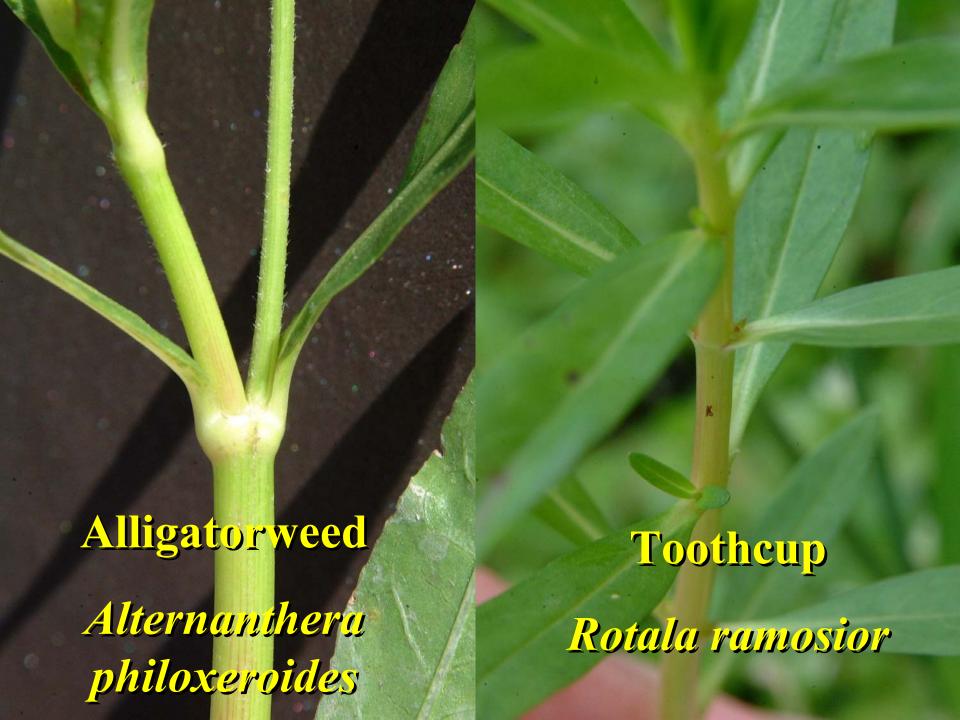


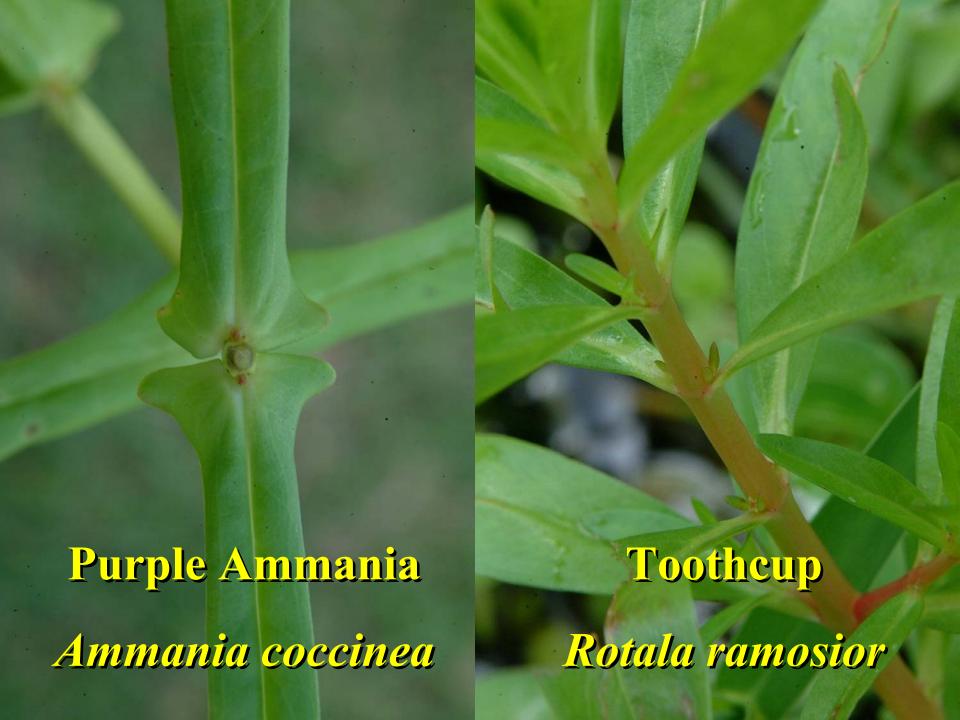
Diagnostic Broadleaf Parts

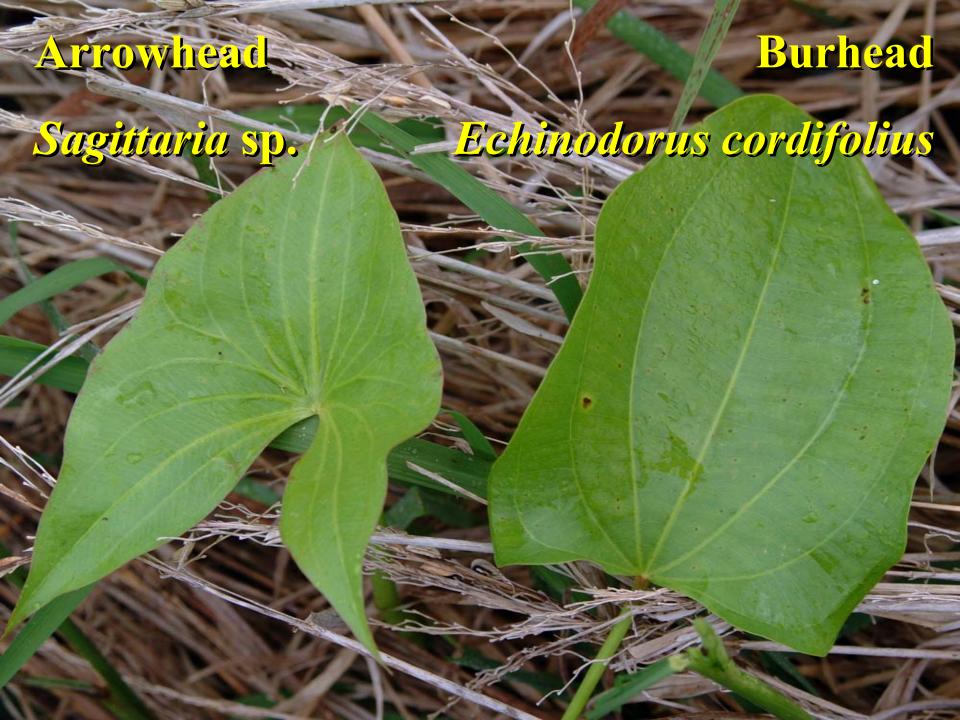
- Leaf margins
- Leaf arrangement
- Leaf attachment
- Leaf shape

- Leaf types
- Stem properties
- Flower arrangement
- Specialized parts











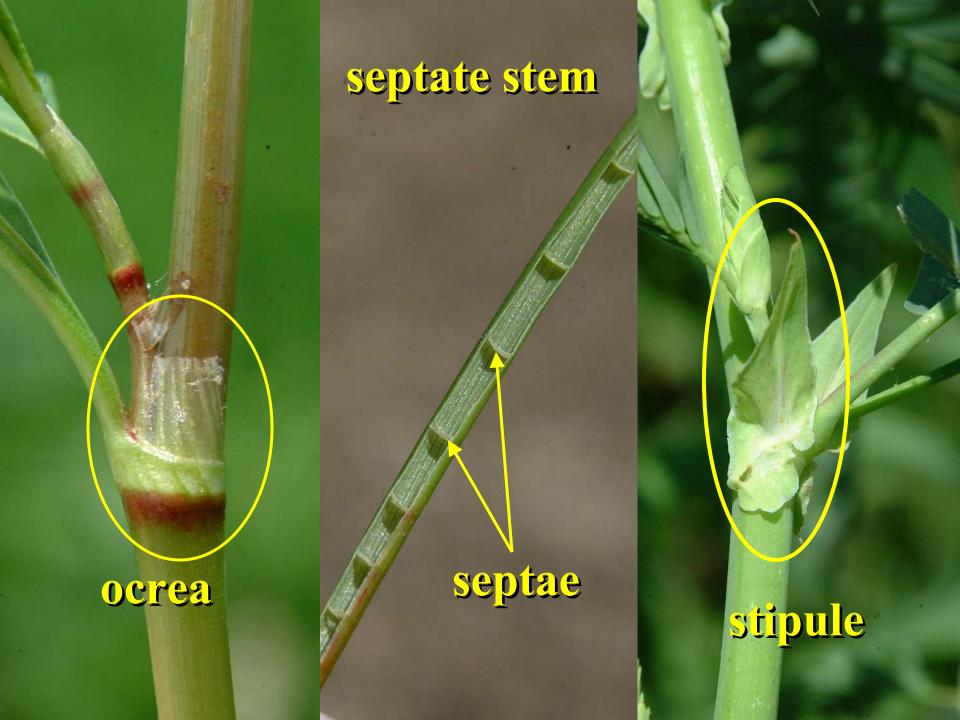


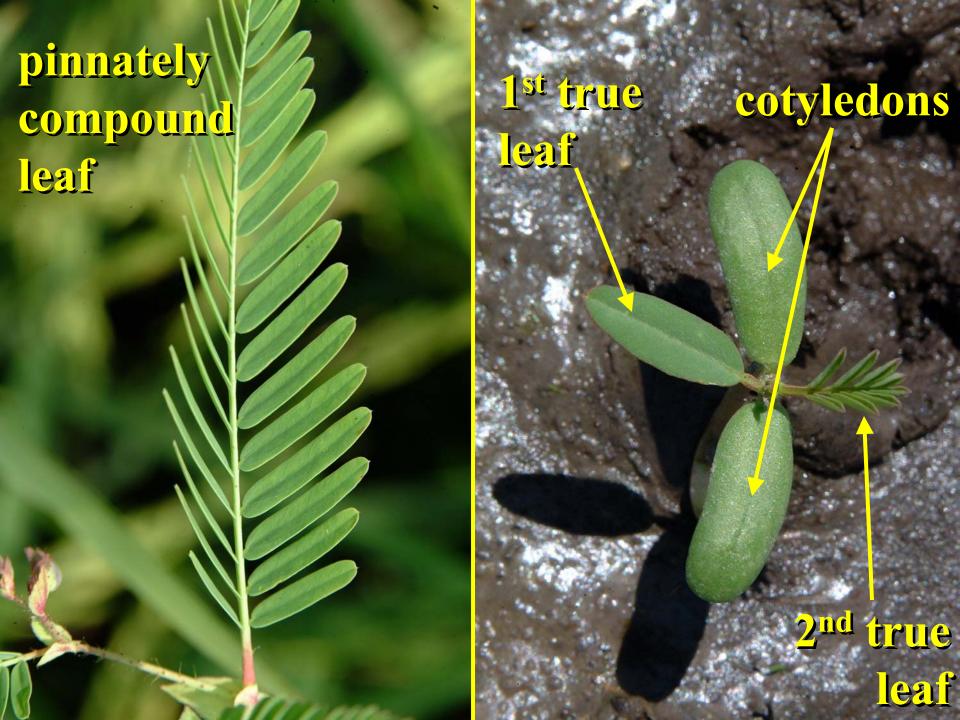


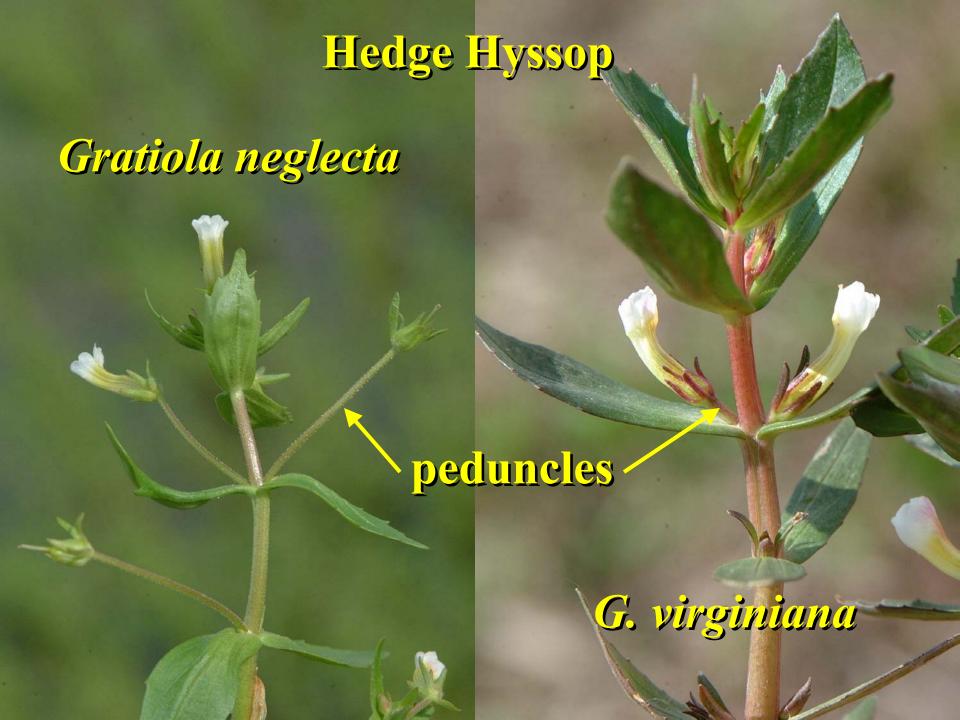
Creeping Spotflower

Spilanthes americana

sparse pubescence

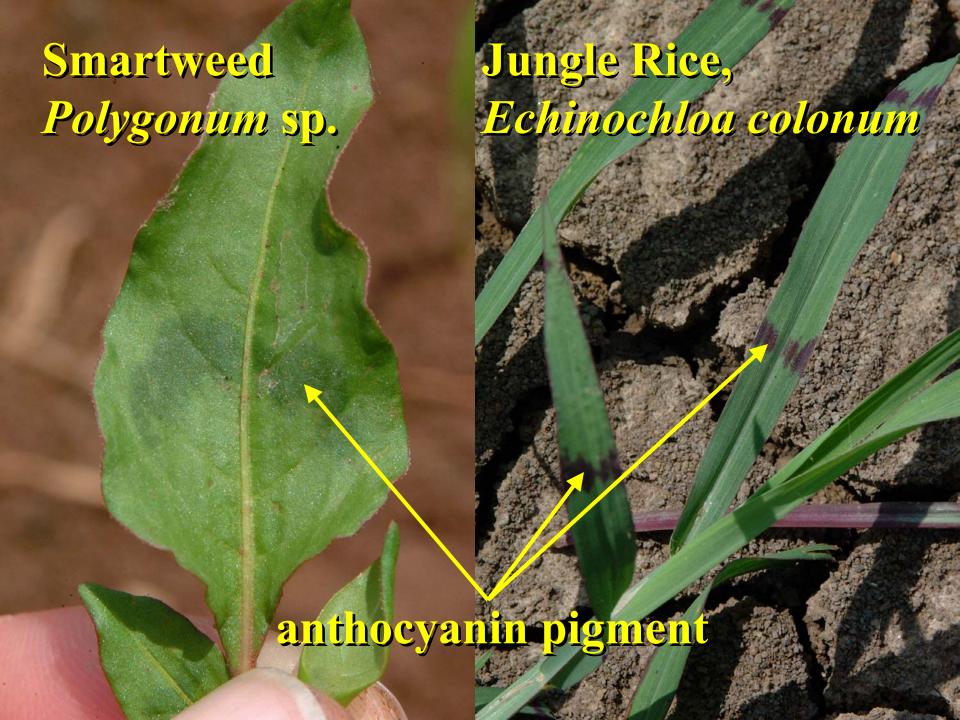






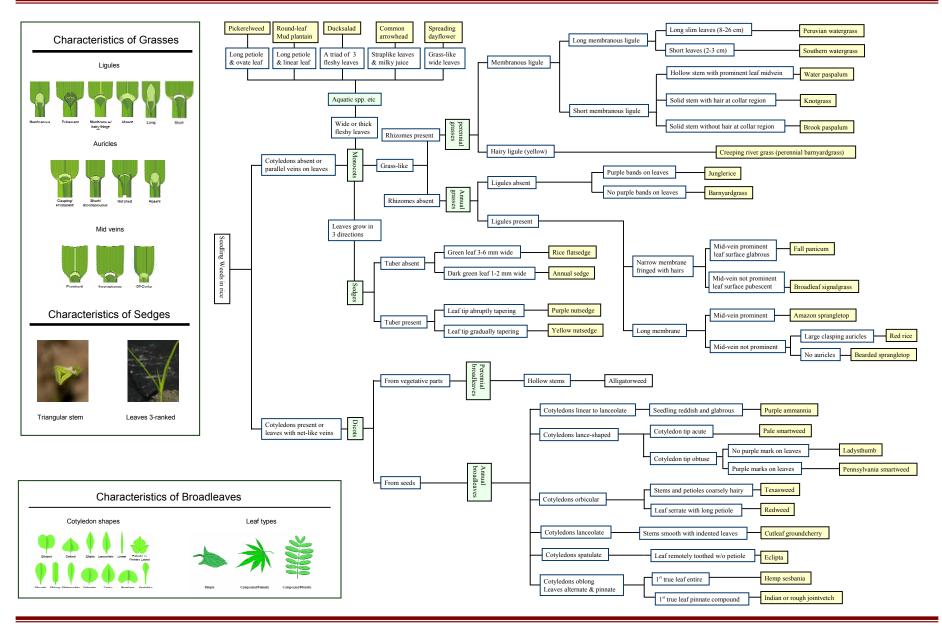


Ducksalad, Heteranthera limnosa





A Schematic Diagram for Seedling Weed Identification in Rice



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