

Pondweeds:  
*Potamogeton* and *Stuckenia*



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- Alternate, entire leaves
- Leaves broad or narrow
- Floating or not floating (often both)
- Petioles (leaf stalks) or clasping
- Lacunae present or not
- Sometimes have glands
  - Little doorknob-like structures on stem at base of leaves
- Stipules
- Winter buds and nutlets

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Alternate leaves



White-stem pondweed  
*P. praelongis*



Fern-leaf pondweed  
*P. robbinsii*

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Leaves broad to narrow

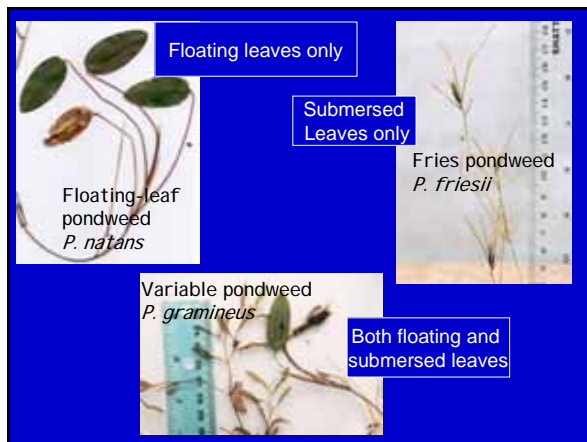
Leafy pondweed  
*P. foliosus*



Large-leaf pondweed  
*P. amplifolius*

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Variable pondweed  
*Potamogeton gramineus*

- Especially variable
- Leaves may be small or quite large
- Plant may be bushy or not

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Clasping-leaf pondweed  
*P. richardsonii*

Leaves Clasping

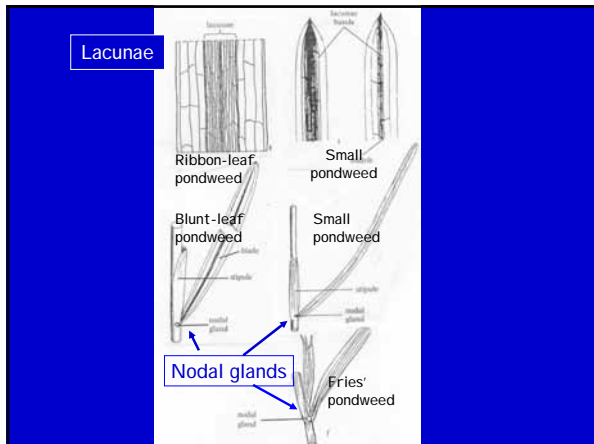


Large-leaf pondweed  
*P. amplifolius*

Leaves with Petiole

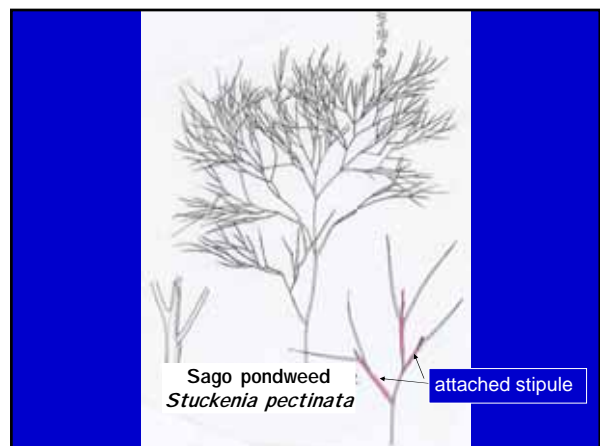
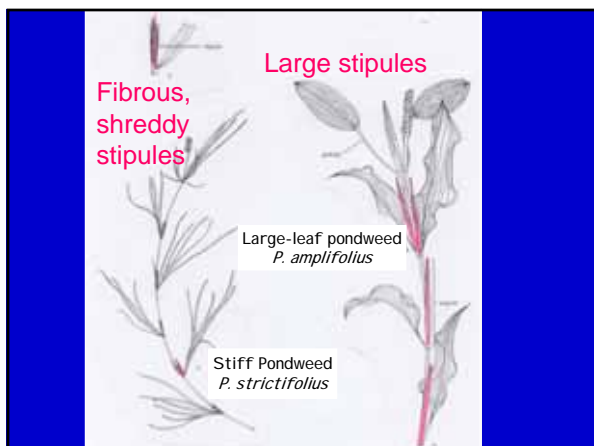
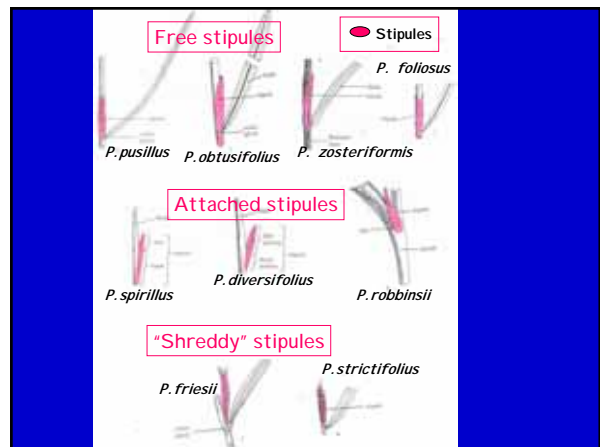
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- ## Stipules on Pondweeds
- **Stipules:** little bits of leafy tissue where leaf meets stem
    - Free: **stipule** attached to, and often hugging, stem but not attached to leaf
    - Adnate: **stipule** attached to leaf at least part of **stipule's** length
      - In a few species of *Potamogeton*, **stipule** is attached to leaf a short way
      - In *Stuckenia*, stipule attached to leaf a long way



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