

Learning Wetland Plant Anatomy: Repeating the Experiment

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Abstract: Historically, plant anatomy was taught by having students microscopically examine prepared and stained slides of sectioned plant tissues. However, annotated image banks of plant tissues are now readily available on-line; the quality of these images far exceeds what students would see with the microscopes. The teaching of plant anatomy can now easily be done in a “hands-off” fashion without the use microscopes. This project will compare hands-on and hands-off approaches for teaching wetland plant anatomy.