



Isoetes
Quillwort

The Biology of Aquatic Macrophytes

Biology 442 / 542
Fall 2010

Lecture Topics

The Salient Features of Aquatic Vascular Plants

The Salient Features of the Aquatic Environment

The Growth of Hydrophyte Communities and their
Interaction with the Aquatic Environment

The Structure and Physiology of Emergent Foliage

The Structure and Physiology of Floating Leaves

The Structure and Physiology of Submerged Organs

The Structure and Physiology of Underground Organs

The Free-Floating Habit

Vegetative Polymorphism

Sexual Reproduction

Vegetative Reproduction

Some Aspects of the Geography of Aquatic Plants

The Problem of Aquatic Nuisance Species

Evaluation: Mid-term Exam - Tentative Date 10/07/2010

Final Exam - 12/14/2010

Complete Participation in Laboratories, Field Trips and Project Reports