

Basic Skills in Field Botany

Week 1: Oct. 7

Syllabus

Grading and Evaluation

Plant Diversity and Classification: global and local perspectives

Top 10 Families Countdown

Factors Creating Uncertainty in Species Estimates

Distribution of Plant Species per Family in Virginia

Numbers of Vascular Plant Species in Selected Regions

Week 2: Oct. 14

Methods in Plant Identification: reference manuals, monographs, keys and keying, plant collecting, and developing a reference herbarium

Illustration of Synonyms

Important Key Resources

Selected Reference Materials for Plant Identification

Label Data

Tips for Key Construction

Week 3: Oct. 21

Introduction to Non-Flowering Vascular Plants: ferns, fern allies and gymnosperms

Morphology, Life History, and Representative Taxa

Campus Field Trip and Keying Practice

Terms You Will Use Frequently in the Identification of Plants

Week 4: Oct. 28

Introduction to Flowering Vascular Plants - Part I:

Morphology, Life History and Representative Taxa

Campus Field Trip and Keying Practice

Field Trip Notes Sheet

Week 5: Nov. 4

Introduction to Flowering Vascular Plants - Part II (Dicotyledons):

Morphology, Life History and Representative Taxa

Pollination biology

Campus Field Trip and Keying Practice

Fruit and Seeds Lab