

**Lecture Topic 01 - Introduction to Plant Systematics**

**I. What is systematics?**

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- A. Definition and Objectives
- B. Relation to other fields
- C. Products

**II. Herbaria**

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- A. Herbarium specimen
- B. Use of specimens
- C. How to make a specimen
  - 1. Collecting
  - 2. Pressing
  - 3. Mounting

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**Lecture readings:**

- 1. Introduction (pp 1-7) of Rhoads & Block. 2007.
- 2. Prather A, et al. 2004. Implications of the decline in plant collecting for systematic and floristic research. *Systematic Botany* 29 (1): 216-220.
- 3. Dirig R. 2009. The art of botanical specimen preparation. Bulletin provided by the author.

**Lab readings:**

- 1. Plate 2. Leaf Terminology (pp 980-981) in Rhoads & Block 2007.