

**Lecture Topic 1 - Introduction to Plant Systematics**

**I. What is Biological Systematics?**

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- A. Definition & objectives
- B. Important products
- C. Terms

**II. Herbaria**

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- A. Herbarium specimens & important herbaria
- B. Use of specimens

**III. Lectuer vs. Lab**

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- A. Lecture
- B. Lab

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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. Belkin D. 2018. A rose by any other name might just be a rhododendron. *The Wall Street Journal*.

**Lab readings:**

- 1. Lab 1 handouts.
- 2. Plate 1. Reproductive Terminology (pp 978-979) in Rhoads & Block (2007).
- 3. Plate 2. Leaf Terminology (pp 980-981) in Rhoads & Block (2007).