

Topic 02 –The Code

I. Introduction

- A. The International Code of Botanical Nomenclature
- B. The International Code of Nomenclature for algae, fungi, and plants (ICN)
- C. Ranks

II. Generic Names

- A. Characteristics of
- B. Gender
- C. Honorary genus names

III. Species Names

- A. Characteristics of
- B. Gender
- C. Descriptive epithets
- D. Honorary epithets

IV. Authorship

- A. Generalities
- B. Two or more authors
- C. Parenthetical & combining authors
- D. Use of “ex”

V. Subspecific taxa & Hybrids

- A. Hybrids
- B. Subspecies, varieties
- C. Forms
- D. Cultivars

VI. Legitimate Names & Valid Publication

- A. Proper construction and original
- B. Clear indication of rank
- C. Holotype
- D. Description or diagnosis
- E. Effective publication

Lecture Reading:

1. Jones SB, AE Luchsinger. 1986. Plant nomenclature (Chapter 3). Pp. 38-54 in *Plant Systematics*, 2nd ed. Jones SB, and AE Luchsinger. McGraw-Hill, Inc. New York. ISBN: 0-07-032796-3.
2. Liede S, U Meve. 1997. Some clarifications, new species, and new combinations in American Cynanchinae (Asclepiadaceae). *Novon* 7: 38-45.
3. The International Code of Botanical Nomenclature (Vienna Code) (<http://ibot.sav.sk/icbn/main.htm>) Preamble and Division I (Principles).
4. Miller, JS, VA Funk, WL Wagner, F Barrie, PC Hoch, P Herendeen. 2011. Outcomes of the 2011 Botanical Nomenclature Section at the XVIII International Botanical Congress. *PhytoKeys* 5: 1-3.

Lab Reading for Lab 02:

1. Plate 1 (Rhoads & Block 2007, pp. 978-979).
2. In Rhoads & Block (2007), the descriptions of the various nymphaeid and magnoliid taxa covered in lab this week.