

Course: **Plant Nomenclature: the Code, the principles, and practical herbarium methods for taxonomy**

Professor: Dr. George Staples III

Period: 30/05 a 03/06/2016

Hours: **45 (3 credits)**

Introduces the current *Code of Nomenclature for Plants*, etc. (Melbourne Code, 2012), the principles that guide use and application of scientific names for plants, and an introduction to herbarium methods for Brazilian graduate students traveling abroad to foreign herbaria.

Day 1 morning: What is the *Code*? an introduction, history and overview to our guiding document

Day 1 afternoon: Principles and Concepts

Principle of Priority

Valid and Effective Publication

Legitimate Names

Types and typification

What is “original material”? What are types?

Day 2 morning: Concepts and Case Studies of Plant Naming

concepts: the Accepted Name and the Basionym

Synonyms: homotypic and heterotypic

Misapplied Names: what they are and what to do with them?

Day 2 morning: practice in determining the correct application of names

students are encouraged to bring examples from their own projects

Day 3: Herbarium Methods for Brazilians traveling to foreign herbaria

Herbarium Protocols and Courtesy

Languages

Handwriting

Literature – crucial for locating type specimens

Peculiar conventions and practices to be aware of: how dates are written; French numerals;

Geography and place names

Time saving tips and handy tools:

- a curation kit

- pre-printed labels

- computer safety: backups and security practices

Day 4: pratics