

# Advanced Studies in Systematics

29-31 October 2018

Geneva - Conservatoire & Jardins Botaniques (CJBG) & Museum of Natural History of Geneva (MHNG)

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## Monday October 29<sup>th</sup>

### **INTRODUCTION**

**Lecturers:** Mathieu Perret & Peter Schuchert

**Place and time :** CJBG – La Console – 9h-13h

- General introduction and classifications (2h)
- Species concepts (2h)

### **VISIT TO HERBARIUM COLLECTIONS**

**Lecturers:** Philippe Clerc & Fred Stauffer

**Place and time:** CJBG – La Console – Herbarium – 14h-18h

- Introduction to collection history, management and uses (30mn)
- Description of species (30mn)
- Practical exercises (3h)

## Tuesday October 30<sup>th</sup>

### **NOMENCLATURE**

**Lecturers:** Michelle Price, Andreas Schmitz, Alice Cibois

**Place and time :** Muséum d'Histoire Naturelle, 8h-12h

- General introduction to nomenclature (1h)
- Practical exercises (2h)
- Scientific outreach and systematics (1h)

### **VISIT TO THE ZOOLOGICAL COLLECTIONS**

**Lecturers:** Jean Mariaux, Peter Schuchert, Alice Cibois

**Place and time :** Muséum d'Histoire Naturelle, 13h-17h

- Introduction to collection history, management and uses (2h)
- Determination keys and practical exercises (2h)

## Wednesday October 31<sup>st</sup>

### **DNA BARCODING AND SPECIES DELIMITATION**

**Lecturers:** Andreas Schmitz, Yamama Naciri.

**Place and time :** La Console CJBG 8h-12h

- DNA Barcoding (1.5h)
- Species delimitation (1.5h)
- Practical exercises (1h)

### **INTEGRATIVE TAXONOMY : CASE STUDIES**

**Lecturers:** Nadir Alvares, Yamama Naciri,

**Place and time :** La Console CJBG 13h-17h

- Students will have to work on a case study and present their conclusions at the end of the session. Two cases will be provided: one in zoology and one in botany.
- Conclusion and feed-back from the students