

**SUNDAY 11 September 2016 11.00-12.30**  
**ISOLE DI BRISSAGO, Switzerland**

# Mini-Symposium **LEGUMINOSAE: NOT JUST LEGUMES!**

11:00-11:40

## **2016 INTERNATIONAL YEAR OF THE LEGUMES**

Prof. Dr. Colin Hughes, Institute of Systematic Botany, University of Zurich



- The legume family is the third largest family of flowering plants and represents one of the most spectacular examples of evolutionary diversification on the planet. At the same time, the legumes are one of the most phenomenal examples of manipulation of a plant family by human cultures worldwide. This talk will present a global panorama of this diversity, including growth forms, leaves, fruits, and flowers of legumes.

11:40-12:05

## **LUPINS INSIDE AND OUTSIDE OF SWITZERLAND**

M.Sc. Guy Atchison, Institute of Systematic Botany, University of Zurich



- Within Switzerland, lupins are an important garden plant that has escaped as an invasive species threatening native habitats, while over the border in Italy they are celebrated for their nutrition. In North and South America, lupins show a spectacular evolution of species and morphological diversity, and in the Andes they are consumed as pulses. These many aspects of lupin cultivation, evolution and invasion around the world make them a fascinating genus.

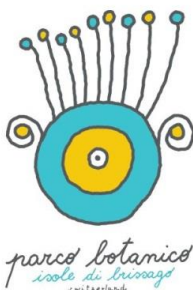
12:05-12:30

## **LEGUMES AND ANIMALS – A WORLD OF INTERACTIONS**

Dr. Brigitte Marazzi, Info Flora & Museo Cantonale di Storia Naturale, Lugano



- Many legumes use ants as body guards for protection from herbivores. Ants are also important legume seed dispersers. Furthermore, the outstanding floral diversity in this family reflects a huge variety of pollinators: from insects to mammals. Belowground, legumes interact with Rhizobium bacteria that fix nitrogen in special root nodules that make this family particularly successful and the important crop family and source of nutrition we all know.



**Full Program  
 Legume Day**



**Navigazione  
 Lago Maggiore**

