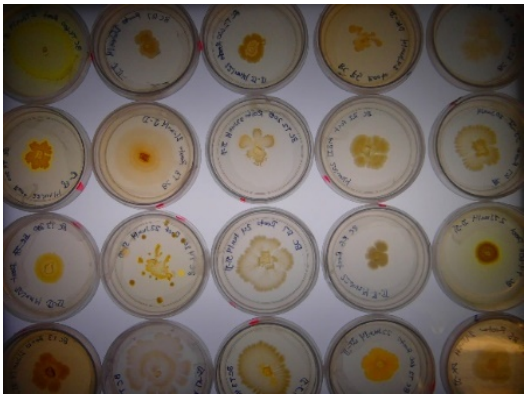
Special Seminar by Visiting Researcher

Endophytes: Cryptic diversity inside of plants

葉内菌：植物の中に潜む多様性

Photographer: Peter Tellez



Photographer: Sunshine Van Bael

by: Visiting Associate Professor

Dr. Sunshine Van Bael

from Tulane University, USA
(Currently hosted at Lab. of Tropical Forest Resources and Environments, Division of Forest and Biomaterials Science)

Website: http://vanbaellab.wp.tulane.edu
Twitter: @vanbaellab / Instagram: vanbael.lab

4 pm – 5:15 pm, Thu, March 28th

S174, Agriculture Main Building

Endophytes are bacteria and fungi that live inside of plant tissues, including roots, stems, leaves and seeds. Their diversity is stunning, and culturing and next-generating sequencing are techniques that allow a closer examination of community patterns. In this presentation, patterns of interaction between endophytes, plants, insects, and environmental stressors will be explored. The research overview will include work in tropical forests, agroecosystems and coastal communities, with an emphasis on how endophyte research may lead to solutions for biological control and bioremediation.

**This seminar is also part of the Forest Ecosystem Function Colloquium.*

Contact: 国際交流室 International Exchange Section
075-753-6320, fsao@kais.kyoto-u.ac.jp