UNIVERSITÉ LAVAL

INSTITUT DE BIOLOGIE INTÉGRATIVE ET DES SYSTÈMES IBIS

CONFÉRENCE

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Factors affecting the Evolutionary Ecology of species interactions: some recent examples from figs and their pollinating wasps and plants and their symbiotic fungi

LE JEUDI 17 OCTOBRE 2019 À 12 H 30

Pavillon Charles-Eugène-Marchand, salle Hydro-Québec (1210)

I plan to discuss factors that potentially affect ecological, functional, and / or evolutionary stability of species interactions, in particular mutualistic ones. After outlining some general points about stability, I will focus on two general types of interactions: the pollination mutualism between figs and their pollinator wasp and foliar endophytic fungal interactions with their host plants. In the figs, it increasingly appears that evolutionary stability implies / relies on the existence of mechanisms that result in the host differentially allocating resources to more beneficial pollinator individuals or species ("host sanctions"). In the endophytes, there appears to be differential host - fungal affinities that appear to be at least partially mediated by host secondary chemistry. I will discuss the potential of these inferences to contribute to more general theory on stability in mutualistic species interactions.

Lunch et breuvages seront offerts.
SVP confirmer votre présence (inscrire nom et prénom) sur :
https://doodle.com/poll/7khzvk55q6d5k4xw
avant le mercredi 16 octobre, 10 h

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