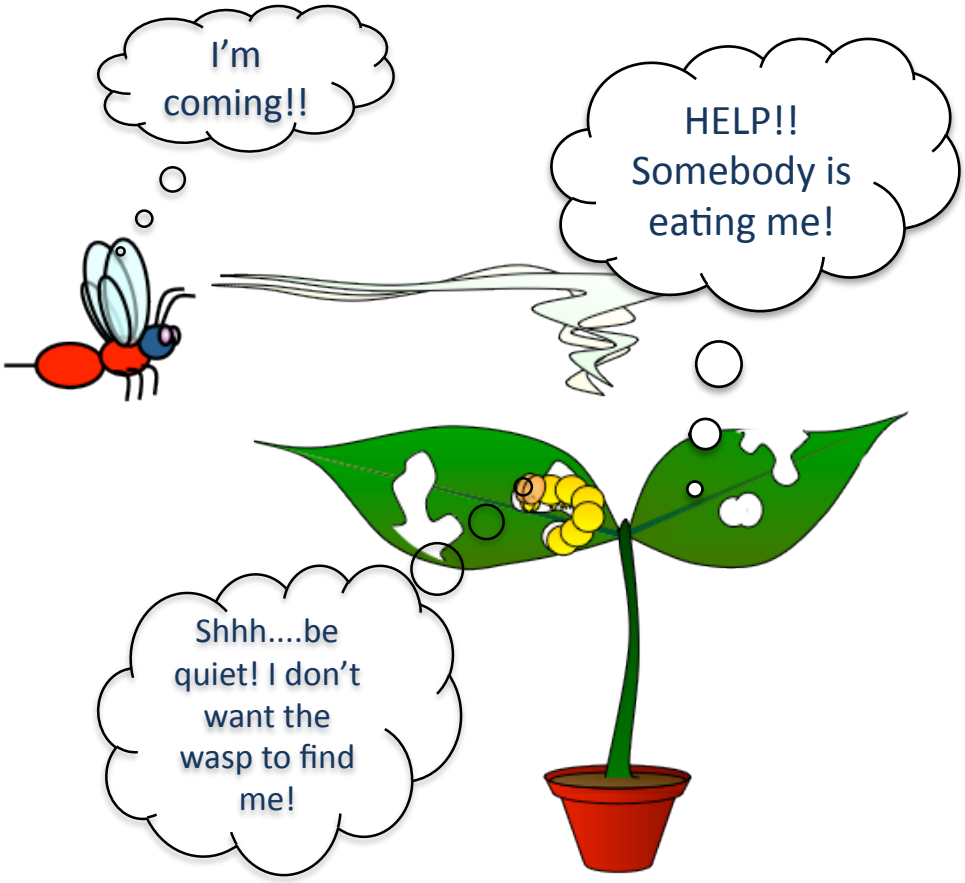
Tritrophic Interactions: Theory and Practice
ENT890 - FALL 2012

3 credits: 2 hours lecture and 2 hour lab per week

Interested in how and why plants *talk* to other organisms, how herbivores try to disguise their presence, and how parasitic wasps locate them anyway?

This course will examine the rapidly expanding field of tritrophic interactions between plants, herbivores and natural enemies. Through a combination of lecture, discussion and hands-on activities you will learn both the theory of tritrophic interactions and chemical ecology as well as gain practice in experimental methods in this field. The laboratory sessions will include getting experience with techniques such as headspace sample collecting and analysis on GC/MS, Y-tube choice tests, molecular gut content analyses, etc. Familiarity with these methods will add new dimensions to your research capabilities and may help you in your future career.



For more information on this course contact
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