

833.001 Zoologisch-ökologisches Seminar
Gäste sind herzlich willkommen



Universität für Bodenkultur Wien
Department für Integrative Biologie
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Institut für Zoologie

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Biological control of cereal aphids by parasitoids in a landscape context

Analyses at multiple spatial scales may show how important ecosystem services such as biological control are determined by processes acting on the landscape scale. I will present results of field studies and experiments on the diversity and trophic interactions of aphid parasitoids in agricultural landscapes differing in structural complexity. Further field experiments and laboratory studies focus on the nutritional status of parasitoids, their fitness, and behaviour depending on food sources (floral nectar vs. honeydew). Additionally we examined the impact of aphid density and flower abundance on parasitoids' survival in simulation models.



Dienstag, 23. Oktober 2007, 16:00 s.t.

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