## موضوعات پیشنهادی برای سمینار درس اکولوژی

## [Evolutionary ecology of insect immune defenses](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.50.071803.130420).

## [Ecological, behavioral, and biochemical aspects of insect hydrocarbons](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.50.071803.130359).

## [Freshwater biodiversity and aquatic insect diversification](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-011613-161958).

## [The ecology of nest movement in social insects](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-120710-100708).

## [Population ecology of insect invasions and their management](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.52.110405.091401).

## [Response of native insect communities to invasive plants](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-011613-162104).

## [The layers of plant responses to insect herbivores](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-010715-023851).

## [Plant-Insect interactions in fragmented landscapes](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.49.061802.123339).

## [Hyperparasitism: multitrophic ecology and behavior](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.44.1.291).

## [Insect herbivore nutrient regulation](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.54.110807.090537).

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## [Impacts of insect herbivores on plant populations](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-010715-023826).

## [Multiorganismal Insects: diversity and function of resident microorganisms](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-010814-020822).

## [Environmental adaptations, ecological filtering and dispersal, central to insect invasions](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-020117-043315).

## [Chemical ecology of locusts and related acridids](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.50.071803.130345).

## [Chemical ecology of bumble bees](http://www.annualreviews.org/doi/abs/10.1146/annurev-ento-011613-161949).

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## [Functional ecology of immature parasitoids](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.49.061703.153618).

## [Grasses and gall midges: plant defense and insect adaptation](http://www.annualreviews.org/doi/abs/10.1146/annurev.ento.48.091801.112559).

1. Insect-Borne plant pathogens and their vectors: ecology, evolution, and complex interactions.