SYLLABUS

Instructor: Paul C. Johnson  
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Office hours: Mon 9:00 -11:00 AM, Wed 2:00-4:00 PM

Course Organization

Lecture: MWF 8:10-9:00 a.m., 140 James  
Lab: F 9:10 a.m.-12:00 noon, 140 James

Texts:

(Recommended - Available in Paperback)

Forest Entomology serves as a basic introduction to the insects, their structure, and identification, with an emphasis on their role in the forest landscape. It is required for students enrolled in the forestry major in Natural Resources, but provides an excellent introduction to insects and the forest landscape for students in related disciplines. The broad areas covered in the course include:

- Systematics - The evolution, classification and identification of the insects.
- Biology - The form and function of the typical insect and the specializations that contribute to their success.
- Ecology - The role played by insects in the forest ecosystem; emphasis is on population ecology and its importance to insect pest management.
- Management - Application of integrated pest management in the forest landscape, including case histories for some significant insect pests.

Some pertinent information concerning the structure and requirements for the course is provided below.

Grading

The final course grade will be the percentage of total points that each student earns, based on the following point schedule:

<table>
<thead>
<tr>
<th>EVALUATION INSTRUMENT</th>
<th>POINTS</th>
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<tbody>
<tr>
<td>Exam I</td>
<td>100</td>
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<tr>
<td>Exam II</td>
<td>100</td>
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Updated: march 25, 2013
Exams

Two 1-hour exams testing your knowledge of insect systematics, biology and ecology are scheduled during regular class meetings; there is no final exam. Exams will consist of short answer and short discussion questions. Spelling counts. Discussion questions are designed to allow you to integrate facts into a meaningful presentation of a topic. Your discussion should be concise but thorough, and should consist of several well conceived paragraphs. Illustrations are encouraged where appropriate, but they should not be substituted for text.

Lab Quizzes & Reports

Assessment of performance in lab will be through lab quizzes and reports. Quizzes will generally be taken at the end of the lab period during which the material is completed, while reports will be due the week following completion of the lab.

Management Fact Sheet/Presentation

Students will work singly or in teams of two to prepare a management fact sheet for a forest pest assigned by the instructor. A ten to twenty minute presentation on the assigned pest will be prepared in PowerPoint and presented to the class.

Collection

You are required to prepare and submit a collection of 50 insect specimens representing 10 orders, 35 families and 50 species. Details concerning the collection will be covered in the lab. Your insect collection represents an integral part of the course and constitutes one fifth of your total grade.

Equipment

During the lab portion of the course, you will be issued several items of equipment. Your insect collection will not be accepted until your equipment is returned. Late submission of your collection will cost you points and could lead to an "incomplete" for the course.

Disability Services for Students

The University is committed to providing students with documented disabilities equal access to all university programs and facilities. If you think you have a disability requiring accommodations, you must register with Disability Services for Students (DSS). Contact DSS at (603) 862-2607 or visit them in Smith Hall 201. If you have received Accommodation Letters for this course from DSS, please provide me with that information privately so that we can review those accommodations.