Syllabus
ENTO 4300/5300
APPLIED INSECT ECOLOGY

Instructor: Dr. Timothy Collier (call me Tim). Email: tcollier@uwyo.edu

When: Tues-Thurs 2:45-4:00
Where: Engineering Bldg, Room 3105
Reading: no textbook; will read published scientific papers
Grading: 3 Exams (94 pts) based on lectures & study questions
3 Quizes on readings (6 pts) (get 6 pts for showing up for Grad Pres.)
Presentation (100 pts) for 5300 students only
Cumulative final exam based on (few) study questions (88 pts)

Office Hour: Ag 2009 Thursday 1:30-2:30 or by appointment

Date              Lecture Topic
Aug 25 (Tues)    Course Mechanics
Aug 27 (Thurs)   Field Trip
Sept 1 (Tues)    Plant-Insect Interactions
Sept 3 (Thurs)   Insect-Natural Enemies and “Tri-Trophic” Interactions
Sept 8 (Tues)    Abiotic Factors
Sept 10 (Thurs)  Demography & Life Histories
Sept 15 (Tues)   Reading 1 Discussion/Quiz 1/Review
Sept 17 (Thurs)  Exam 1 (94 points) (4 lectures)
Sept 22 (Tues)   no class – field work
Sept 24 (Thurs)  no class – field work
Sept 29 (Tues)   Population Dynamics I
Oct 1 (Thurs)    Population Dynamics II
Oct 6 (Tues)     No class – U.S. Dept. of Agriculture Meeting
Oct 8 (Thurs)    No class – U.S. Dept. of Agriculture Meeting
Oct 13 (Tues)    Consumer-Resource Dynamics
Oct 15 (Thurs)   Competition & Mutualisms
Oct 20 (Tues)    Reading 2 Discussion/Quiz 2/Review
Oct 22 (Thurs)   Exam 2 (94 points) (4 lectures)
Oct 27 (Tues)    Pest Management
Oct 29 (Thurs)   Biological Control of Insects
Nov 3 (Tues)     Biological Control of Weeds
Nov 5 (Thurs)    Conservation, Biodiversity and Insects as Bio-Indicators
Nov 10 (Tues)    Reading 3 Discussion/Quiz 3/Review
Nov 12 (Thurs)   Exam 3 (94 points) (4 lectures)
Nov 17 (Tues)    No class – Wyoming Weed and Pest Fall Conference
Nov 19 (Thurs)   No class – Wyoming Weed and Pest Fall Conference
Nov 24 (Tues)    Student Presentations (get 6 pts for showing up)
Nov 26 (Thurs)   No class – Thanksgiving
Dec 1 (Tues)     Student Presentations (get 6 pts for showing up)/Review
Dec 3 (Thurs)    Final Exam (88 points) (cumulative)