

EEB 252; Field Entomology Syllabus (This schedule is subject to change)

Date	Topics Covered	Associated Reading
Mon., July 9 th	Class Introduction Taxonomy, Systematics, and Arthropods → Grasshopper familiarization → Tour of Collections Facility	Romoser & Stoffolano: pgs. 318-336 Hubbell: 140-145 Suarez & Tsutsui: pgs. 66-74
Wed., July 11 th	Overview of the class Insecta How to use dichotomous keys for identification Collecting Methods and Equipment → Campus field trip, collect leaf litter for Berlese funnel	Triplehorn & Johnson (2005): pgs. 152-156 & pgs. 745-755
Fri., July 13 th	Entognathous hexapods & apterygote insects → Analyze specimens from Berlese funnel → Basement collecting trip → Specimen mounting & preserving	T & J: pgs. 169-180 & pgs. 755-768
Mon., July 16 th	Ephemeroptera/Odonata → Field trip: Schoolhouse Brook Park	T & J: pgs. 181-108 Romoser & Stoffolano: pgs. 332-336
Wed., July 18 th	1 st Practical Orthoptera	T & J: pgs. 209-226
Fri., July 20 th	Guest Lectures: Cicadas and Moths	
Mon., July 23 rd	Phasmatodea, Grylloblattodea, Mantophasmatodea, Dermaptera, Plecoptera, Embiidina → Field trip: Mt. Hope Park	T & J: pgs. 227-249
Tues., July 24 th	→ Field trip: UV/MV lights at night at Fenton	
Wed., July 25 th	2 nd Practical Zoraptera, Isoptera, Mantodea → Field trip: Shelter Falls; set-up pit fall traps	T & J: pgs. 250-262
Fri., July 27 th	Blattodea, Hemiptera → Cockroach dissection → Lab: sort pit fall traps	T & J: pgs. 263-332
Mon., July 30 th	Thysanoptera, Psocoptera, Pthiraptera → Field trip: Fenton River	T & J: pgs. 268-332
Wed., Aug. 1 st	3 rd Practical Coleoptera I → Field trip: Dunham Town Forest	T & J: pgs. 333-364
Fri., Aug 3 rd	Coleoptera II, Neuroptera → Mount & identify specimens	T & J: pgs. 365-480
Mon., Aug. 6 th	Hymenoptera → Field trip: Fenton River Site II	T & J: pgs. 481-557
Wed., Aug. 8 th	4 th Practical Trichoptera, Lepidoptera → Field trip: Saw Mill Brook Preserve	T & J: pgs. 558-647
Fri., Aug. 10 th	Siphonaptera, Diptera **Presentations	T & J: pgs. 648-744
Mon., Aug. 13 th	9am-12pm Hike at Mansfield Hollow	
Wed., Aug. 15 th	Review for exam Finish up collection and field notebook	
Fri., Aug. 17 th	Final Exam	