

Invertebrate Zoology 116, Spring 2005

Instructors: Dr. Armand Kuris, Marine Lab 2004

Mike Behrens, Marine Science Research Bldg., Room 1314

TAs: Craig Nelson, Alice Nguyen, and Nadia Talhouk

Lecture: MWF, 11-11:50 AM, Psych 1802

Laboratories: MW 2-4:50 PM, TR 9-11:50 AM, or TR 1-3:50 PM, Marine Lab 1004

Week	Lecture	Readings R&B	Readings B&B	Lab Activity	
28-1 Mar/Apr M 28	Introduction A			1	Diversity
W 30	Annelids 1 M	Ch. 1 & 20, pp. 612-615	Ch. 1 & 13	2	Annelid anatomy
F 1	Annelids 2 M	Ch 11	Ch. 13		
4-8 April M 4	Annelids 3 M	Ch 11	Ch. 13	1	Annelid taxonomy
W 6	Arthropods & Onychophora A	Ch 12	Ch. 15	2	Insect Collection Intro.
F 8	Chelicerates 1 A	Ch 13	Ch. 19		
11-15 April M 11	Chelicerates 2 A	Ch 13	Ch. 19	1	Chelicerates 1: Arachnids
W 13	Molting 1 A	Pp. 600-603 & Ch. 14	Pp. 485-488	2	Chelicerates 2: Horseshoe crabs, pyncogonids PLUS Crayfish and plankton
F 15 18-22 April M 18	Molting 2 A	Ch. 14	Pp. 485-488		
M 18	Crustaceans 1 M	Ch. 14	Ch. 16	1	Crustacean anatomy & molting
W 20	Crustaceans 2 M	Ch. 14	Ch. 16	2	Crustacean taxonomy
F 22	Crustaceans 3 M	Ch. 14	Ch. 16		
25-29 April M 25	Myriapods & Insects 1 A	Ch. 15	Ch. 17 & 18	1	Insect anatomy
W 27	Insects 2 M	Ch. 16	Ch. 17	2	Insect taxonomy
F 29	Guest Lecture: Dr. Cristina Sandoval				
30-1 Apr/ May	Field Trip to Morro Bay				Meet at MSI parking lot at 7:30 A.M. on Sat. Apr 30.

Week	Lecture	Readings R&B	Readings B&B	Lab Activity
2-6 May M 2	Insects 3 M	Ch. 16	Ch. 17	1 LAB PRACTICAL
W 4	Insects 4 M	Ch. 16	Ch. 17	2 Terrestrial field trip Spider report due
F 6	Guest Lecture: Dr. Michael Caterino			
9-13 May M 9	Crustacean and Insect Physiology M	Ch. 16	Pp. 485-488 & 626-627 & 573-579	1 Insect Collection Prep.
W 11	Microcosmos (film) M			2 Insect Collection Prep.
F 13	Parasitoids A			
16-20 May M 16	Biocontrol A			1 Insect Collection Prep.
W 18	Medical Entomology 1 A			2 Insect Collection Prep.
F 20	Medical Entomology 2 A			
23-27 May M 23	Reading Group (D)	Paper	Paper	1 LECTURE EXAM
W 25	Reading Group (D)	Paper	Paper	2 Insect Collection Prep.
F 27	Reading Group (D)	Paper	Paper	
30-2 May/June M 30	Memorial Day- HOLIDAY			1 No Labs
W 1	Reading Group (D)	Paper	Paper	2 Insect Collection Prep. & turn in collection

Texts: Brusca & Brusca (**B&B**), *Invertebrates*, 2002, 2nd edition

Bland, *How to Know the Insects*, 1978 or newer.

Supplementary Text: Ruppert & Barnes (**R&B**), *Invertebrate Zoology*, 1994, 6th edition

Grading:

Points Possible	Minimum Grade Standards* (no curve)
Lecture Exam	280 A+ = Highest total score
Lab Practical	80 A = 85 – 100%
Spider web report	20 B = 75 – 84%
Insect Collection	100 C = 50 – 74%
TPLRG Participation	<u>20</u> * if you score a % as above you will
Total	500 receive <u>at least</u> that grade

Terrestrial Field Trip: Meet at Lab. Wear long pants and shoes that can get wet.