

FLORIDA ATLANTIC UNIVERSITY
 Department of Geosciences
 PALEONTOLOGY
 GLY 3603

Fall 2010

Dr. E.J. Petuch

Date	Topic	Reading
Aug 24	Introduction; Geologic Time; the Fossilization Process	1, 2, 3
26	Systematic Theory; Species Concepts	5, 10, 20
31	Laws of Taxonomy 1	3
Sept 2	Laws of Taxonomy 2	3
7	Organization and Evolution of Invertebrates	5, 6, 7
9	Archaeocyatha; Porifera; Stromatoporoida; Receptaculita	6
14	Systematics of the Cnidaria	6
16	Cnidaria Laboratory	
21	Problematica and Ichnofossils	20
23	Exam 1	
28	Review	
30	Annelida: Archaeocrustacea; Merostomata	6
Oct 5	Systematics of the Trilobitomorpha	6
7	Trilobitomorpha Laboratory	
12	Hyolithida; Tentaculita; Molluscan Higher Systematics	6
14	Gastropoda; Bivalvia; Scaphopoda	6
19	Gastropoda and Bivalvia Laboratory	
21	Systematics of the Cephalopoda; Ammonites and Nautiloids	6
26	Cephalopoda Laboratory	
28	Exam 2	
Nov 2	Review	
4	Systematics of the Lophophorata	7
9	Brachiopod Laboratory	
16	Systematics of the Protochordata and Chordata	9, 11, 12
18	Systematics of the Amphibia and Reptilia	9
23	Systematics of the Dinosauria	11
25	Thanksgiving Break	
30	Systematics of the Mammalia	12
Dec	Final Exam	

Text: Stearn, C.W. and R.L. Carroll. 1989. *Paleontology; The Record Of Life*. John Wiley and Sons, Inc., New York.

Office Hours: Tuesdays, Thursdays: 7:30-9:00 AM, 10:30AM-12:30PM, or by appointment