Biol. 221  
Spring 2011  
Material covered on Exam II

Topics:

- Global climate change
- Biomes
- The global hydrologic, carbon, nitrogen & phosphorus cycles
- Energy flow through local ecosystems (if covered)
- Biological magnification (if covered)

Online lecture materials:

- Starting with Lecture 7-10 slide entitled “The greenhouse effect is real and real important”

Other online materials (Miscellaneous page of web site):

- Biome Summary Table
  
  Know rank order of biomes for all values (excluding savanna)
  Do not need to know the actual values

- CAM Photosynthesis Information

Articles:

- Articles 6-8 & associated study questions

Textbook & Video Overviews:

Chapter 29
- Sections 1, 3-4, & 6-12
- Study Questions 1-3, & 5-12

Chapter 25
- Sections 1-3
- Study Questions 1-3

Chapter 24
- Sections 9-13
- Study Questions 7-10

Chapter 23
- Sections 1, 2, 4, 5, & 7-9
- Study Questions 1-4, 8, & 11-18

Chapter 22
- Sections 1, 4-9, & Fig. 22.13
- Study Questions 1-4 & 6-9

Chapter 20
- Sections 1-4, 7, 9, 12
- Study Questions 2, 3, 5, & 11

Chapter 15
- Section 11

Chapter 4
- Sections 3-5, 7, & 10
- Study Questions 4, 5, 7, 10, & 11

Chapter 3
- Sections 1-4 & Fig. 3.17
- Study Questions 1, 3-5, & 9