

**EEB 4274 Animal Parasitology**  
**Fall 2011**  
**Potential Questions for Comprehensive Essay Portion**  
**(i.e., Second Hour) of Final Exam**

For the second hour of the final exam you will be given 3 of the following 4 questions. You will be asked to discuss, in essay form, 2 of those 3 questions. In preparing for this portion of the exam, consider that you will be graded on both the breadth and depth of your answers.

1. Discuss the various roles played by water in the lives of protozoan and metazoan parasites.
2. Discuss mechanisms for entry into, and exit from, a host utilized across the diversity of protozoan and metazoan parasite groups. Be sure to consider intermediate as well as definitive hosts.
3. Discuss the various strategies for increasing the chances of encountering a host exhibited across the diversity of protozoan and metazoan parasites. Be certain to consider both strategies for increasing the chances for individual stages of encountering a host, as well as strategies for increasing reproductive output.
4. Discuss morphological adaptations for attachment to a host found among the diversity of protozoan and metazoan parasite groups. Be certain to consider both external and internal parasites.