

Biol. 221  
Extra Credit Opportunity # 1

To receive 1% on the final exam, you must:

1) Read the material contained on the following web site:

<http://amphibiaweb.org/declines/declines.html>

*The link for this site can also be found on the "Helpful Links" page of the course web site. It is entitled "Worldwide Amphibian Declines".*

2) Watch the following videos by Kevin Zippel of Amphibian Ark:

<http://www.youtube.com/watch?v=KLxJswSI2Y0&feature=related>

<http://www.youtube.com/watch?v=xz0A7mTbz20&feature=related>

<http://www.youtube.com/watch?v=0OutHFrnpgc&feature=related>

3) Using the information contained in both the web site and videos, answer the questions given below. Use the secondary links contained in the web site to help you answer the questions thoroughly. Type your answers into a Word document and e-mail them as an attachment to Dr. Peterjohn before midnight on **Monday February 6, 2012** in order to receive any credit. Trite, or trivial, responses to any of the questions will result in no extra credit being awarded. Copying information from the web site and videos will also result in no credit being awarded (i.e. all answers must be expressed in your own words)!

1. How big is the problem of amphibian decline? Give several examples and be quantitative.
2. Why are amphibians important? Give several examples.
3. **Describe in detail** at least 3 reasons for amphibian decline. I expect at least several sentences of information supporting each reason.
4. What were the most interesting and important new things you learned from the web site and/or the videos? Explain why you found them to be interesting and important. I expect at least several sentences justifying your positions.