

Papers must be written in the style of a journal article (the *Quarterly Review of Biology* and *Annual Review of Ecology and Systematics* provide excellent models) and be exhaustive reviews of the subject. The research paper is worth a total of 175 points; the grading rubric by which they will be evaluated is as follows:

- (1) Initial bibliography: 1 point for each peer-reviewed publication, to a maximum of 25
- (2)

Unsatisfactory for this class. In addition, more than one unexcused absence from class meetings will also result in a grade of Unsatisfactory.

October	6/8	Research paper due Oct. 6; Initial attempt at Major Fields test must be completed by Oct. 8	TBA
	13/15	Fall Break—no class	None
	20/22	Work on presentation	TBA
	27/29	Set presentation schedule	TBA*
November	3/5	Class presentations #1 (n = 5)	TBA*
	10/12	Class presentations #2 (n = 5)	

- d. Use of ancient DNA in the study of disease
- e. p53 and cancer
- f. Comparative analyses of gene expression profiles
- g. Molecular control of circadian rhythms
- h. Progress in understanding the early evolution of life