

## ENVIRONMENTAL ARCHAEOLOGY JOURNAL CLUB

ANG 6905, section 07C9

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Fall 2011  
time: Wed 12:50-2:50  
place: Dickinson 114

### COURSE DESCRIPTION

We will explore current methods, themes, and the most recent discoveries as reported in the environmental archaeology and related literature over the past three years (2009-2011). We will include zooarchaeology, archaeobotany, geoarchaeology, and integrated studies. Our focus will be on journals specific to environmental archaeology but we will also review related archaeological and environmental journals to understand what and how environmental archaeology information is reported in the parent literature. The course has several goals: to compile a comprehensive list of pivotal articles published in the recent literature (and be sure that we are aware of the sources of this literature and how best to access it); to ensure that we are aware of, and have evaluated, the newest trends in environmental archaeology; to understand how environmental archaeology research is presented in the literature and how those presentations mesh with the wider world of parent literature.

### COURSE REQUIREMENTS

This class is available for variable credit hours, so expectations will be different for each student. A 1-credit student will be expected to oversee discussions once for each subject area (ie 4 times during the semester). This includes choosing, distributing, and summarizing a minimum of two readings, and leading class discussion. Readings should be distributed one week before the class, written summaries by e-mail 24 hrs before the class. There is no final assignment for 1-credit students.

A 3-credit student will additionally be expected to collate a list of important themes and related articles from several journals in each subject area, aiding the class in creating a comprehensive literature list. Lists of important themes should include literature summaries with bibliographic citation, abstract, and keywords. These should be circulated, in draft, at the end of each subject area, and in final form before the final weeks of discussion since these lists will be the focus of the final wrap-up discussions.

I have provided a list of journals below. New journals are being created almost daily now, so this list might grow. When selecting readings, be sure to select at least one from the list of EA journals (either general EA or the discipline specific list for our discussion topic). When collating lists of articles, please ensure that you have given complete coverage to each of the EA journals + those marked with an asterisk. We are also interested to know how EA topics are presented in the archaeological and general scientific literature, so please review pertinent publications from those broader parent areas as well.

Course grades will be based on attendance (attendance is mandatory for every class), participation (you are expected to have read and evaluated every assigned reading and all theme/article lists, and to participate actively in every discussion), and assignments (timely completion of assignments, careful evaluation and summaries of the literature, and excellence in guiding the discussions).

Our meeting time is a 2-hour block so our 1-credit students have the benefit of an additional hour of our company than is the norm (sorry), and our 3-credit students should expect to carry out an additional 3 hours of work weekly on the compilation of articles and theme lists. (This is the equivalent of requirements for an independent studies credit - 3 hrs work=1 credit hour class-time.) This is in addition to the time that will be spent on preparing and presenting materials for discussion (aka homework).

It goes without saying that plagiarism and other such activities are not condoned so I will forgo the normal syllabus fine-print, but be aware that any such misconduct will be met with the fullest scholastic and legal action possible, no exceptions.

## COURSE SCHEDULE

Our first meeting will be an organizational one. Thereafter we will compile and discuss readings in each of four literature types (Reviews/State of the Art, New Methods, Current Themes, Recent Discoveries) for each of the primary areas of environmental archaeology (zooarchaeology, archaeobotany, geoarchaeology, and integrated studies). We will finish the semester with discussions of the implications of these newest methods, themes, and discoveries for future environmental archaeology research (and researchers).

### Proposed Discussion Schedule

	Reviews	New Methods	Current Themes	Recent Discoveries
Zooarchaeology	Wk 2=Aug 31	Wk 3=Sept 7	Wk 4=Sept 14	Wk 5=Sept 21
Archaeobotany	Wk 6=Sept 28	Wk 6=Sept 28	Wk 7=Oct 5	Wk 8=Oct 12
Geoarchaeology	Wk 9=Oct 19	Wk 9=Oct 19	Wk 10=Oct 26	Wk 11=Nov 2
Integrated Studies	Wk 12=Nov 9	Wk 12=Nov 9	Wk 13=Nov 16	Wk 14=Nov 30
Wrap-up (discussion)	n/a	Wk 15=Dec 7	Wk 16=Dec 14	n/a

## SUGGESTED JOURNALS

(please supplement this list - these are the journals in which EA publications are most often found, but please add others as you find them and note whether they are a frequent publisher of EA literature or a "one-off")

### **Environmental archaeology**

Environmental Archaeology  
J of Ethnobiology (+Ethnobiology Letters)  
Human Ecology

### **Zooarchaeology**

International Journal of Osteoarchaeology  
Archaeofauna  
Archaeozoologia  
J of Taphonomy

### **Archaeobotany**

Vegetation History and Archaeobotany  
Economic Botany

### **Geoarchaeology**

Geoarchaeology  
Archaeological Prospection  
Archaeometry

### **Archaeology**

\*J of Archaeological Science (+SAS Newsletter)  
Archaeological and Anthropological Sciences  
\*American Antiquity/LA Antiquity  
\*J of Archaeological Method and Theory  
\*J of Field Archaeology  
Current Anthropology  
J of Archaeological Research  
J of Anthropological Archaeology  
J of World Prehistory  
Antiquity  
World Archaeology  
American Anthropologist

### **Biology and Geology**

American Journal of Botany  
Annals of the Assoc of American Geographers  
Bulletin of the Geological Society of America  
Catena  
Earth Science Reviews  
Ecological Applications  
Ecology  
Geology  
Geomorphology  
Holocene  
J of Evolutionary Biology  
J of Biogeography  
J of Quaternary Science  
Mammal Review  
Mammalogy  
Palaeogeography/Palaeoclimatology/Palaeoecology  
Plant Sciences  
PLoS Biology  
Quaternary International  
Quaternary Research

### **Sciences**

Science  
Nature  
PNAS  
PLoS 1

## ASSIGNMENTS

For each of you, I have chosen one literature type for each research area. In other words, each of you will present one type of literature once, and will present once in each research area. Note that Reviews and New Methods are each only a ½ class of discussion. I've tried to ensure nobody is presenting two weeks in a row, and have given the first and last classes to our 3-credit students (Ashley and Scott).

If this schedule does not work for you, please switch with another student BUT please ensure that you are still presenting once in each research area and will be presenting each type of literature once. Let me know what shifts are being made.

Remember, to facilitate class discussion, readings should be distributed one week before the class, written summaries by e-mail 24 hrs before the class. In the past I have used box.net to archive and distribute readings. If everyone is ok with that, I will create a folder and invite you all. Please register, log in, and post something so I'll know that it is working properly.

	<b>Reviews</b>	<b>New Methods</b>	<b>Current Themes</b>	<b>Recent Discoveries</b>
Zooarchaeology	Wk 2=Aug 31 Ashley	Wk 3=Sept 7 Scott	Wk 4=Sept 14 Petra	Wk 5=Sept 21 Lisa
Archaeobotany	Wk 6=Sept 28 Scott	Wk 6=Sept 28 Ashley	Wk 7=Oct 5 Lisa	Wk 8=Oct 12 Petra
Geoarchaeology	Wk 9=Oct 19 Petra	Wk 9=Oct 19 Lisa	Wk 10=Oct 26 Ashley	Wk 11=Nov 2 Scott
Integrated Studies	Wk 12=Nov 9 Lisa	Wk 12=Nov 9 Petra	Wk 13=Nov 16 Scott	Wk 14=Nov 30 Ashley
Wrap-up (discussion)	n/a	Wk 15=Dec 7 Scott	Wk 16=Dec 14 Ashley	n/a

## CLASS CONTACTS

(please circulate other contact information as you wish)

Petra Cunningham-Smith: pcunninghamsmith@ufl.edu

Lisa Duffy: lisagd@ufl.edu

Kitty Emery: kemery@flmnh.ufl.edu; emerykf@yahoo.com; 273-1919 (office)

Scott Macrae: smacrae@ufl.edu

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www.box.net