

DAY Prehistoric Cultures Week 13
(Week 13 starts on Thursday)

Hunting / Gathering / Foraging

This week we go a-hunting—hunting for the “truth” about how Prehistoric Peoples lived off of the land. And in doing so we’ll have another look at !Kung San ethnographic analogy.

Hunting was a part of prehistoric peoples’ living off of the land, but not quite as big a part as is usually thought. Except with cold-climate cultures—like the Inuit, the “Eskimo”—women provided 60-80% of the food for the group, as they do today with “Hunting-Gathering” groups, even in groups that consider themselves primarily “hunters.”

But hunting was a crucial activity, a vital activity for some cold-climate folks like the Neandertal.

We’ll continue our close look at **lithics**, stone tools and stone tool making, so vital to the hunt itself. . . .

And we’ll have a look at the main features of **“band”** societies. We’ll see *The Hunters*—often said to be one of the top three anthropological films ever made—it is certainly one of the top three films viewed and used in other films. It most often takes a long time to hunt . . . it took *The Hunters* thirteen days basically to get one animal in the end. So it will take us two days, or most of two days, to watch *The Hunters* hunting action.

video:

The Hunters

(72 min., 1958, UM DULUTH Library Multimedia DT1058.K86 H86 2004 DVD)

[film HomePage](#)

[course viewing guide](#)



!Kung San Hunters

"In this classic documentary [*The Hunters*], the Kalahari Bushmen [aka Khoisan, !Kung, San] of Africa wage a constant war for survival against the hot arid climate and unyielding soil. *The Hunters* focuses on four men who undertake a hunt to obtain meat for their village. The chronicle of their 13-day trek becomes part of the village's folklore, illustrating the ancient roots and continual renewal of African tribal [*sic.*] cultures."

After the hunt on Tuesday we'll have a short look at another fundamental concept in anthropology and prehistoric cultures—**adaptation**. (We had a look at the sister concept Week 3, *Patterns of Variation*.)

video:

Patterns of Adaptation

(28 min., 2008, UM DULUTH Library Multimedia QP82 .P38 2008 DVD)

[film HomePage](#)

[transcript](#)

REM we had a look at the sister concept Week 3

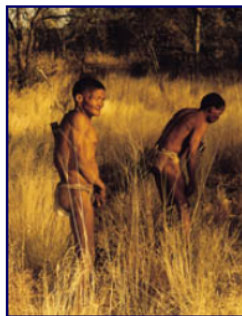
video:

Patterns of Variation

(28 min., 2008, UM DULUTH Library Multimedia QH431 .P377 2008 DVD)

[film HomePage](#)

[transcript](#)



!Kung San Hunters



[YANOMAMO INTERACTIVE CD/ROM](#)
(Peter Biella, Napoleon A. Chagnon and Gary Seaman)

“How do humans adapt to environmental challenges? In this [video], experts explore this question from many angles. The difference between acclimatization and adaptation is explained. Nina Jablonski explains skin-color function and adaptations related to UV radiation levels, the vitamin D hypothesis, and preventing the loss of folate in the body. High-altitude adaptations are also discussed, along with responses to heat and cold stressors. In the last segment, the evolutionary dance between humans and their pathogens is brought to light. The interwoven interactions between human cultural activities, and the evolution of new pathogens, are discussed, as well as the evolution of drug resistance in existing pathogens.” – [Coast Learning Systems](#)

In the **moodle** *Forum* this week we hunt for the First Americans, the oldest American “artifact,;” and weigh in on atlatl hunting in the City of Duluth . . .

- [Forum: Who Were the First Americans? \(Due by Friday, 9 December 2011\)](#)
- [Forum: Oldest American Artefact \(Due by Friday, 9 December 2011\)](#)
- [Forum: Atlatl Hunting in Duluth? \(Due by Friday, 9 December 2011\)](#)

As usual, if you have any questions, please let me know: <mailto:troufs@d.umn.edu>. Or, better yet, post them on you **moodle** Discussion and Project forum boards.

Share your ideas. Discuss them on-line with the others in class . . .

DAY

DAY [General Student Discussion Area](#)

DAY [Live chat for Project Collaboration](#)

Your **moodle** Topics and Reading Assignments Listings for Week 13 will look something like the information below.

Best Regards,

Tim Roufs

[Anth 1602 Prehistoric Cultures](#)

Week 13 — Hunting / Gathering / Foraging



DAY Week 13 Memo
CE Week 13 Memo

THE FLYING McCOYS

BY GARY & GLENN McCOY



Week(s) **Foraging Peoples in History and Prehistory**

Ethnographic Analogy / Ethnoarchaeology
(slides: [11A-Ethnoarchaeology.pptx](#))

12 / 13 Foraging: Hunting / Gathering / Collecting
(slides: [hunting.pptx](#))

Ambrona and Terra Amata: Big Game Hunters in Spain and France
(slides: [27A-Ambrona.ppt](#))

Holocene Hunters and Gatherers
(slides: [27B-Holocene_Hunters.ppt](#))

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DAY 25 Thursday, 1 December 2011 nlt 12:23
CE Week 13 Monday, 5 December 2011 nlt 6:40

video:

The Hunters

(72 min., 1958, UM DULUTH Library Multimedia DT1058.K86 H86 2004 DVD)

film [HomePage](#)

[course viewing guide](#)



!Kung San Hunters

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DAY 26 Tuesday, 6 Decembber 2011 nlt 1:07
CE Week 13 Monday, 5 December 2011 nlt 7:57

video:

Patterns of Adaptation

(28 min., 2008, UM DULUTH Library Multimedia QP82 .P38 2008 DVD)

film [HomePage](#)

[transcript](#)

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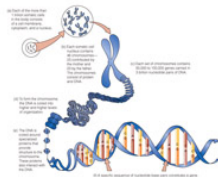



!Kung San Hunters



[YANOMAMO INTERACTIVE CD/ROM](#)

(Peter Biella, Napoleon A. Chagnon and Gary Seaman)



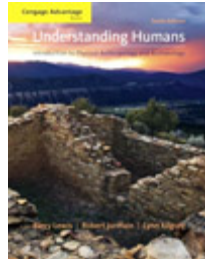
CHAPTER 4 Modern Human Variation and Adaptation Introduction 72 Historical Views of Human Variation 72 The Concept of Race 74 Racism 76 Intelligence 77 Contemporary Interpretations of Human Variation 77 Human Polymorphisms 78 Polymorphisms at the DNA Level 79 AT A GLANCE: Former and Contemporary Approaches to the Study of Human Variation 80 Human Biocultural Evolution 81 Population Genetics 83 The Adaptive Significance of Human Variation 83 Solar Radiation, Vitamin D, and Skin Color 84 The Thermal Environment 87 High Altitude 90 Infectious Disease 92 The Continuing Impact of Infectious Disease 94 AT A GLANCE: Zoonoses and Human Infectious Disease 96 Summary 97 Critical Thinking Questions 98	
CHAPTER 5 Macroevolution: Processes of Vertebrate and Mammalian Evolution	Primates CHAPTER 6 An Overview of the Primates Introduction 118 Primate Characteristics 118 Primate Adaptations 122 Evolutionary Factors 122 Geographical Distribution and Habitats 123 Diet and Teeth 123 Locomotion 126

For Week 13 Activities see [moodle](#)

readings from [Understanding Humans, 10th Edition](#)

Ch. 14, "Food Production," pp. 345-386

The materials from Ch. 14 will be reviewed in the Week 14 presentations



For Week 13 Activities see [moodle](#)
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