

# THE UPPER PALEOLITHIC WORLD

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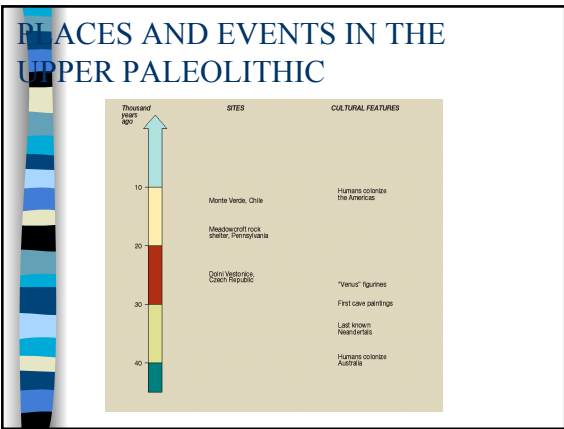
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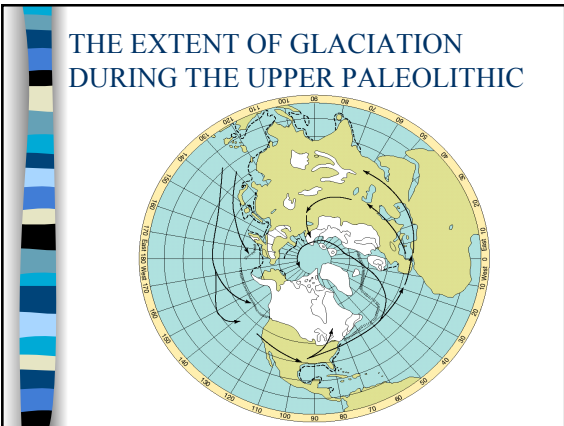
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**THE LAST ICE AGE**

- Upper Paleolithic (from about 40,000 to about 10,000 years ago) the world was undergoing its last ice age.
- Climate was much colder (about 10° C)
- Extremes between the seasons were greater
- Plants and animals were adapted to the climate
  - Megafauna

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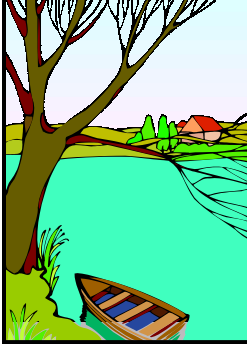
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**DEVELOPMENT OF HUMAN CULTURE**



- **HOMESITES**
  - TENTLIKE STRUCTURES WERE BUILT IN SOME CAVES TO PROTECT AGAINST COLD WEATHER
  - SOME SITES HAD MULTIPLE HUTS WHICH CONTAINED TWENTY TO TWENTY-FIVE RELATED FAMILY MEMBERS

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**NEW TOOL TECHNIQUES**

- **INDIRECT PERCUSSION**
  - USING A HAMMER-STRUCK PUNCH
    - BURINS - CHISEL-LIKE STONE TOOLS
  - BLADES WERE TWICE AS LONG
- **PRESSURE FLAKING**
  - PRESSURE WITH BONE, WOOD, OR ANTLER TO APPLY FINISHING TOUCHES TO TOOLS
  - MICROLITHS - SMALLER BLADES, OFTEN HAFTED OR FITTED WITH HANDLES
- **CREATION OF ATLATLS**
  - A SPEAR WEAPON PROPELLED OFF A GROOVED BOARD WHICH COULD BE SENT OFF WITH INCREASED FORCE

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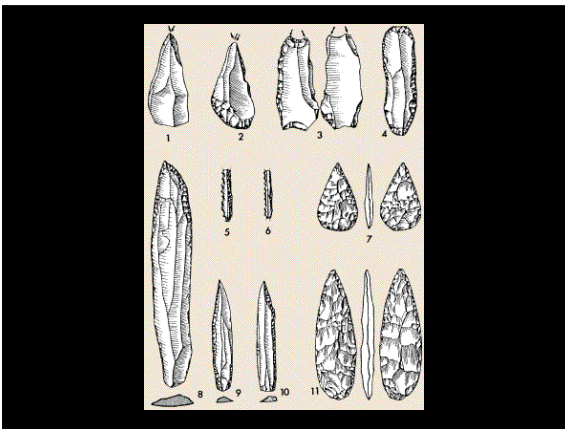
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**SELF-EXPRESSION**

- **ART**
  - TRACES OF ART FOUND IN BEADS, CARVINGS, AND PAINTINGS
  - CAVE PAINTINGS IN SPAIN AND SOUTHERN FRANCE SHOWED A MARKED DEGREE OF SKILL
- **SUBJECT OF PAINTING**
  - MOSTLY ANIMALS ON BARE WALLS
  - SUBJECTS WERE ANIMALS FAVORED FOR THEIR MEAT AND SKINS
  - HUMAN FIGURES WERE RARELY DRAWN DUE TO TABOOS AND FEARS THAT IT WOULD SOMEHOW HARM OTHERS
- **FEMALE FIGURINES**
  - CALLED "VENUSES," THESE FIGURINES DEPICTED WOMEN WITH LARGE BREASTS AND BROAD HIPS
    - PERHAPS IT WAS AN EXAMPLE OF AN IDEAL TYPE, OR PERHAPS AN EXPRESSION OF A DESIRE FOR FERTILITY

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# HUMANS IN THE NEW WORLD

- VERDICT IS STILL OUT ON WHETHER OR NOT HUMANS ARRIVED IN THE NEW WORLD BEFORE OR AFTER DATES SOME 11,500 YEARS AGO
- PASSAGE TO THE NEW WORLD
  - BERINGIA, THE ICE SHEETS, AND A PASSAGE IN BETWEEN ALLOWING FOR MIGRATION FROM ASIA
- LINGUISTIC THEORY
  - THREE WAVES OF MIGRATION BROUGHT WITH THEM THREE DIFFERENT FORMS OF LANGUAGE
    - AMERIND FAMILY OF LANGUAGE
    - NA DENE FAMILY (SOME N. AMER. INDIAN)
    - INUIT-ALEUT FAMILY (4,000 YEARS AGO)

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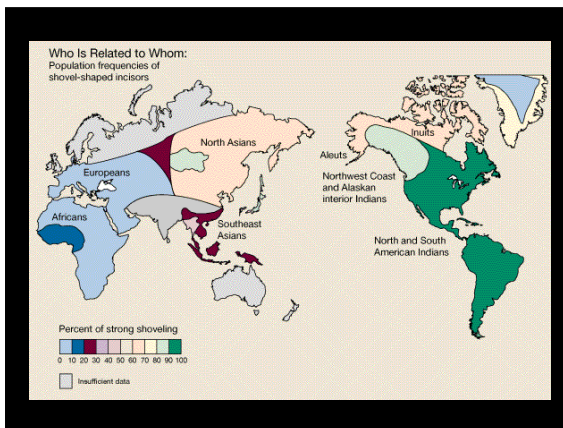
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**(p. 143)**  
Removing  
Blades from a  
Core



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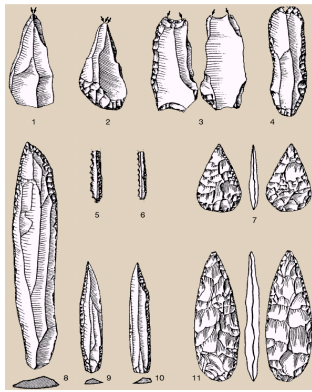
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**(p. 144)**  
Upper  
Paleolithic  
Tool Kit



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**Figure 9-5 (p. 145)**  
Mammoth-Bone Shelters



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**Gender (p. 147)**

Image of Four Women  
from Gonnorsdorf Cave



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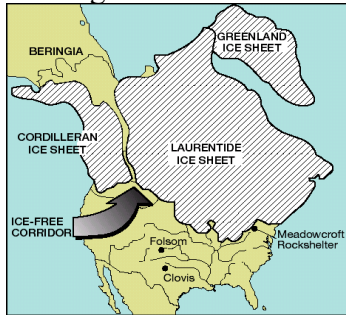
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**(p. 149)**

Beringia and



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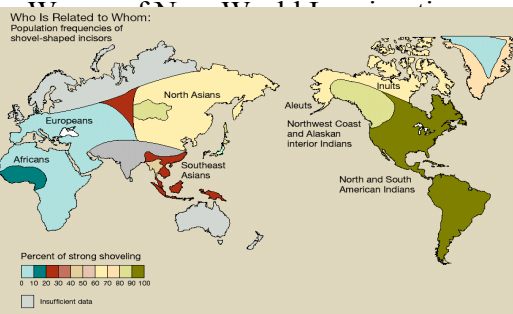
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**Figure 9-7 (p. 151)**

Genetic Differences between Three



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