

## ANT 202 FACT Sheet November 4, 2014

### X Origins of Food Production

#### A Basic concepts

- 1 Domestication: the process by which people control the distribution, abundance and biological features of certain plants and animals in order to increase their usefulness for humans For plants this involves:

- a preparing the ground
- b selecting and sowing seeds
- c harvesting
- d storage

#### B Representation in the archaeological record: Distinguishing domesticates

- 1 Plants
- 2 Animals

#### C Primary Centers

	<u>Plants</u>	<u>Animals</u>
SW Asia- (Fertile crescent)	10,000 B.C Wheat, barley, rye	9500 B.C. goats, sheep 6000 B.C. Cattle, pigs
SE Asia	9000 B.C. Rice	7000 B.C. pigs, chickens
Central Africa	2000 B.C. Millet Yams	
Mesoamerica/Central America	8000 B.C. Squash 4000 B.C. Maize, Sweet potato, beans, avocados	Turkeys
South America	7000 B.C. Squash,	3000 B.C. llamas,

Southeastern North America      3000 B.C. cotton, potatoes      guinea pigs,  
lima beans  
2000 B.C.  
Goosefoot  
Sunflower  
Marsh elder

C Theories about the rise of agriculture

- 1 Gordon Childe's Neolithic revolution or the "oasis" hypothesis.
- 2 Ester Boserup's population pressure model
  - a Mark Cohens – population and agricultural intensification
- 4 Peter Rowley-Conwy Tell Abu Hureyra 11,500-6000 B.C.

D Earliest Neolithic Archaeological Sites: SW Asia

- a Fertile Crescent, Jericho

E The Spread of the Neolithic

- 1 Turkey: Catal Hoyuk—7000 B.C.
  - a Impressive art
- 2 Central Europe
  - a Bandkeramic Complex 5000 B.C.
    - i Line-decorated pottery
    - ii Long houses
    - iii Indo-European Speakers?
- 3 Western Europe 4000 B.C.
  - i Megaliths

ii “Corporate” Burial Mounds

iii Henges (circular ditches)

(i) Stone Henge (ditch-3000 B.C., Stone circle 2000 B.C.)

F Domestication in the New World

1 Mesoamerica:

a Squash first, then corn or maize (domesticated from a  
giant wild grass [*Zea mays*])

i Tehuacan Valley— 10,000 B.C.—A.D.

1000 (Series of sites) Richard MacNeish

XI Transition to Farming: the Early Farming Adaptation in North America

A Basic Concepts

B Southwestern North America

1 Present day environment-dry

2 Native American groups