Table of Contents

General Editor's Preface	VII
Preface	XI
Introduction by Charles A. Reed	1
SECTION ONE: GENERAL PRINCIPLES	
The Origins of Agriculture: Prologue by Charles A. Reed	9
The Earliest Farming: Demography as Cause and Consequence by Bennet Bronson	23
The Concept of Environmental Determinism in Cultural Evolution by Philip L. Wagner	49
SECTION TWO: WORLDWIDE CONCEPTS	
Cultural Evolution in the Old World and the New, Leading to the Beginnings and Spread of Agriculture by Joseph R. Caldwell	77
A Hypothesis Suggesting a Single Origin of Agriculture	89

Population Pressure and the Origins of Agriculture: An Archaeological Example from the Coast of Peru	135
by Mark N. Cohen	
Alternative Pathways Toward Agriculture by David R. Harris	179
Zoological Considerations on the Origins of Farming and Domestication by Wolf Herre and Manfred Röhrs	245
Environmental Change and the Origin of Agriculture in the Old and New Worlds by Herbert E. Wright, Jr.	281
SECTION THREE: THE BEGINNINGS OF AGRICULTURE IN THE OLD WORLD	
A Priori Models and Thai Prehistory: A Reconsideration of the Beginnings of Agriculture in Southeastern Asia by Chester Gorman	321
The Origins of Cereal Agriculture in the Old World by Jack R. Harlan	357
Economic Change in Prehistoric Thailand by Charles F. W. Higham	385
The Indigenous Origins of Chinese Agriculture by Ping-ti Ho	413
Pre-Agricultural Tools for the Preparation of Foods in the Old World by Nancy Kraybill	485
Man, Domestication, and Culture in Southwestern Asia by Charles L. Redman	523
A Model for the Origin of Agriculture in the Near East by Charles A. Reed	543

Changing Economy in Ancient India by Vishnu-Mittre	569
The Dynamics of Agricultural Origins in Palestine: A Theoretical Model by Fekri A. Hassan	589
Abstrct: The Cultural Processes Leading to the Origins of Agriculture in the Ancient Near East by Jean Perrot	611
SECTION FOUR: THE BEGINNINGS OF AGRICULTURE IN THE NEW WORLD	
The Origins of Zea mays by George W. Beadle	615
Why Didn't the American Indians Domesticate Sheep? by Christopher Carr	637
The Metate: An Early Grain-Grinding Implement in the New World by George F. Carter	693
Our Father the Cayman, Our Mother the Gourd: Spinden Revisited, or a Unitary Model for the Emergence of Agriculture in the New World by Donald W. Lathrap	713
The Beginning of Agriculture in Central Peru by Richard S. MacNeish	753
Origins and Distribution of Plants Domesticated in the New World Tropics by Barbara Pickersgill and Charles B. Heiser, Jr.	803
Animal Domestication in the Andes by Elizabeth S. Wing	837
Native Plant Husbandry North of Mexico	861

XVI Table of Contents

SECTION FIVE: CONCLUSIONS

Origins of Agriculture: Description by Charles A. Reed	Discussion and Some Conclusions	879
SECTION SIX: APPENDIX		
A Radiocarbon Chronolo by Adina Kabaker	gy Relevant to the Origins of Agriculture	957
Biographical Notes		981
Index of Names		995
Index of Subjects		000