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; 8. Human remains / John W. Verano and Jack Rossen -- El Plato phase -- ; Las Pircas phase -- Tierra Blanca phase -- The question of cannibalism -- ; 9. Preceramic plant gathering, gardening, and farming / Jack Rossen -- Conceptual beginnings -- Environmental setting -- El Plato phase -- ; Las Pircas phase -- ; Discussion: Las Pircas phase plant use -- Tierra Blanca phase -- Terminal preceramic phase -- ; Summary -- Modeling early plant use -- ; 10. Faunal remains / Kary Stackelbeck -- Methods -- Habitats of the exploited fauna -- Seasonality data -- Technological considerations -- Diachronic patterns of faunal exploitation -- Faunal assemblages and domestic architecture -- ; Summary -- 11. Technologies and material cultures / Tom D. Dillehay, Greg Maggard, Jack Rossen, and Kary Stackelbeck -- Architecture -- Canals -- Preserved gardens and agricultural fields -- Exotic curiosities -- Chipped copper ore and smelted copper -- Lithic technology -- ; Afterthought -- 12. Settlement and landscape patterns / Tom D. Dillehay -- Spatial variability and phase adaptations -- Specific site and phase distributions -- General patterns -- Intact buried cultural deposits -- Population dynamics and estimates -- Population abandonment/aggregation -- ; Discussion -- 13. Foraging to farming and community development / Tom D. Dillehay, Jack Rossen, and Kary Stackelbeck -- Pathways to farming -- Early water control -- The Nanchoc tradition : community land use, exchange, and interaction systems -- The economic foundations of Andean civilizations -- ; Summary -- 14. Northern Peruvian early and middle preceramic agriculture in Central and South American contexts / Dolores Piperno -- The plants, their source areas, and time lines of appearance -- The communities that first cultivated and domesticated plants -- ; Future prospects -- 15. Conclusions / Tom D. Dillehay -- Ritual and

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Netherly -- ; Appendix 3: Stable carbon isotopes / Patricia J. Netherly  
-- ; Appendix 4: Faunal species present in preceramic assemblages by  
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## Sommario/riassunto

Archeologists have always considered the beginnings of Andean civilization from c.13,000 to 6,000 years ago to be important in terms of the appearance of domesticated plants and animals, social differentiation, and a sedentary lifestyle, but there is more to this period than just these developments. During this period, the spread of crop production and other technologies, kinship-based labor projects, mound-building, and population aggregation formed ever-changing conditions across the Andes. From Foraging to Farming in the Andes proposes a new and more complex model for understanding the transition from hunting and gathering to cultivation. It argues that such developments evolved regionally, were fluid and uneven, and were subject to reversal. This book develops these arguments from a large body of archaeological evidence, collected over 30 years in two valleys in northern Peru, and then places the valleys in the context of recent scholarship studying similar developments around the world.

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