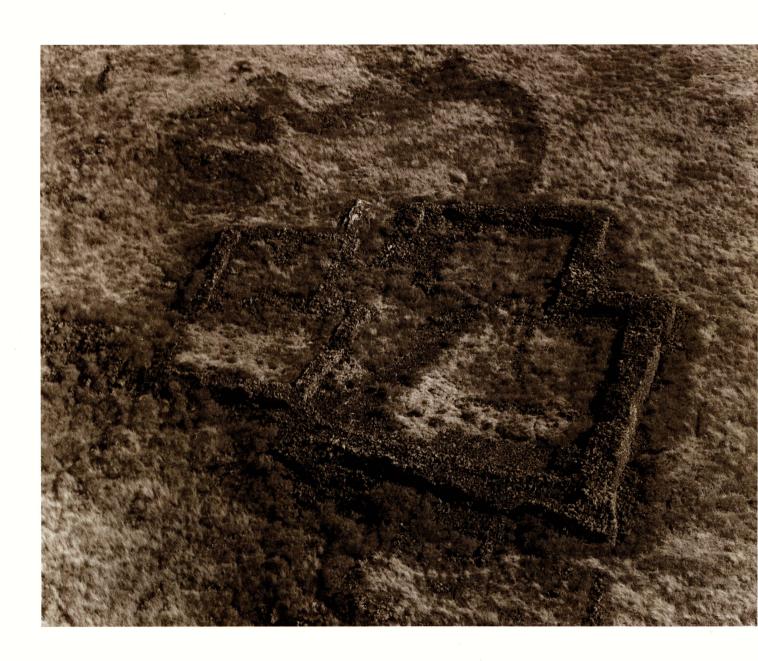
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Studies in the Archaeology of Kahikinui, Maui



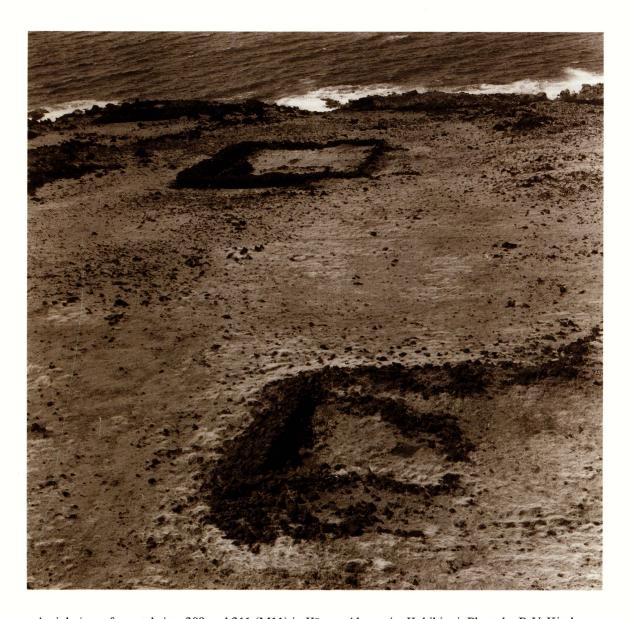
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The Oceanic Archaeology Laboratory (OAL) is one of several research labs which together comprise the Archaeological Research Facility, an Organized Research unit of the University of California at Berkeley. The OAL is under the direction of Patrick V. Kirch, Class of 1954 Professor of Anthropology at Berkeley. Current research projects of the OAL conducted by graduate students and research affiliates include studies of the Lapita cultural complex of Papua New Guinea and New Caledonia, paleoenvironmental reconstruction of the Holocene period in the southern Cook Islands, rock art in relation to settlement patterns in the Marquesas Islands, household archaeology in Hawai'i and the Southern Cook Islands, and transformations of Hawaiian houses and settlement patterns in the post-contact period.

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Aerial view of coastal sites 309 and 311 (M11) in Kīpapa Ahupua'a, Kahikinui. Photo by P. V. Kirch.

Nā Mea Kahiko o Kahikinui

Studies in the Archaeology of Kahikinui, Maui

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Edited by Patrick V. Kirch

With Contributions by
Patty J. Conte, Boyd Dixon,
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Dedicated to

Peter S. Chapman

who initiated the modern archaeological study of Kahikinui and to

Ka 'Ohana O Kahikinui

in recognition of their effort to preserve and perpetuate the cultural legacy of Kahikinui.

Contents

	res and Tables	
	Ross Cordy	
	gments	
Contributor	S	xv
Obantard	Kahiliin ii An Introduction Datrial V Kirah	4
Chapter 1	Kahikinui: An Introduction. Patrick V. Kirch	
	Kahikinui: An 'Āina Malo'o	
	The <i>Moku</i> of Kahikinui	
	Kahikinui in History	
	Recovering Kahikinui's Deeper Past: The Contribution of Archaeology	9
Chapter 2	The Cultural Landscape of Kīpapa and Nakaohu Ahupua'a: A Preliminary	
	Report on an Intensive Archaeological Survey. Patrick V. Kirch	12
	Introduction	
	The 1966-67 Chapman/Bishop Museum Survey	
	The U.C. Berkeley Kahikinui Project	
	Background and Objectives	
	Field and Laboratory Methods: 1995-97 Survey	
	The Kīpapa-Nakaohu Survey: Results to Date	
	Patterns of Site Distribution	
	Agricultural Features	
	Residential Features	
	Ritual Features (<i>Heiau</i>)	
	Post-Contact Structures	
	Conclusion.	
	Acknowledgments	
Chapter 3	Upland Forest Periphery Subsistence and Settlement in the <i>Ahupua'a</i> of Kīpapa, Nakaohu, and Nakaaha: A Preliminary Assessment. Boyd Dixon, Patty J. Conte, Valerie Nagahara, and W. Koa Hodgins	28
	Introduction	
	Preliminary Survey Results	
	Agricultural Features	
	Unpaved Terraces	
	Soil Filled Terraces	
	Prepared Surfaces	
	Planting Circles and Garden Enclosures	
	Uma	
	Residential Sites	
	Terraces, Walled Terraces, and Terraced Platforms	
	Rectangular Enclosures	
	L-Shaped Enclosures	
	C-Shaped Enclosures	
	U-Shaped Enclosures	
	Windbreak Walls	
	Storage and Shelter	
	Rock Shelters	
	Enclosed Rock Shelters	
	Cairns, Boundary Walls, and Alignments	
	Cairns.	
	Validation	

	Walls and Alignments	35
	Ranching	
	Possible Burials and Lava Tubes	
	Mounds/Platforms	
	Lava Tubes	
	Hōlua Slide Complex	
	Ritual Structures and Heiau	
	Subsurface Features not Associated with Surface Architecture	
	Preliminary Observations	
	Forest Periphery Subsistence	
	Exchange Networks	
	Pre-Contact Settlement	
	Post-Contact Changes	43
Chanter.	4. Household Archaeology in the <i>Ahupua'a</i> of Kīpapa and Nakaohu.	
Onapter	Cindy Van Gilder and Patrick V. Kirch	45
	Introduction	
	Household Archaeology	
	Traditional Households in Hawai'i	
	Methods	
	Preliminary Results	
	Kīpapa Waena Cluster	
	Kīpapa Uka Cluster	
	Nakaohu Kai Cluster	
	Radiocarbon Dating	
	Conclusions	59
Oh		
Cnapter	5. Nå Heiau o Kahikinui: The Temples of Kahikinui. Michael J. Kolb	
	and Erika C. Radawadan	
	and Erika C. Radewagen	
	Introduction	61
	IntroductionScope of Work	61 62
	Introduction	61 62
	IntroductionScope of Work	61 62
	Introduction	61 62 62
	Introduction	61 62 62 63
	Introduction	
	Introduction. Scope of Work Survey Excavations The Kahikinui Temples Auwahi Ahupua'a Luala'ilua Ahupua'a	
	Introduction Scope of Work Survey Excavations The Kahikinui Temples Auwahi Ahupua'a Luala'ilua Ahupua'a Alena Ahupua'a.	
	Introduction Scope of Work Survey Excavations The Kahikinui Temples Auwahi Ahupua'a Luala'ilua Ahupua'a Alena Ahupua'a Kīpapa Ahupua'a.	
	Introduction Scope of Work Survey Excavations The Kahikinui Temples Auwahi Ahupua'a Luala'ilua Ahupua'a Alena Ahupua'a Kīpapa Ahupua'a Nakaohu Ahupua'a	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaohu Ahupua'a. Nakaaha Ahupua'a.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaohu Ahupua'a. Nakana Ahupua'a. Other Heiau.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaohu Ahupua'a. Other Heiau. Kahuahakamoa Heiau.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaaha Ahupua'a. Other Heiau. Kahuahakamoa Heiau. Moomoku and Makapaiki Heiau.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaaha Ahupua'a. Nakana Ahupua'a. Other Heiau. Kahuahakamoa Heiau. Kahuahakamoa Heiau. Keahuaiea, Pu'u Kao, and Hoku-kano Heiau.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaohu Ahupua'a. Nakaaha Ahupua'a. Other Heiau. Kahuahakamoa Heiau. Kahuahakamoa Heiau. Keahuaiea, Pu'u Kao, and Hoku-kano Heiau. St. Ynez Church.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaohu Ahupua'a. Nakaaha Ahupua'a. Other Heiau. Kahuahakamoa Heiau. Kahuahakamoa Heiau. Keahuaiea, Pu'u Kao, and Hoku-kano Heiau. St. Ynez Church. Discussion.	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaaha Ahupua'a. Nahamenui Ahupua'a. Mahamenui Ahupua'a. Other Heiau. Kahuahakamoa Heiau. Kahuahakamoa Heiau. Keahuaiea, Pu'u Kao, and Hoku-kano Heiau. St. Ynez Church. Discussion. Architecture.	
	Introduction Scope of Work Survey	
	Introduction. Scope of Work. Survey. Excavations. The Kahikinui Temples. Auwahi Ahupua'a. Luala'ilua Ahupua'a. Alena Ahupua'a. Kīpapa Ahupua'a. Nakaohu Ahupua'a. Nakaaha Ahupua'a. Nahamenui Ahupua'a. Mahamenui Ahupua'a. Other Heiau. Kahuahakamoa Heiau. Kahuahakamoa Heiau. Keahuaiea, Pu'u Kao, and Hoku-kano Heiau. St. Ynez Church. Discussion. Architecture.	
	Introduction Scope of Work Survey	
	Introduction Scope of Work Survey. Excavations. The Kahikinui Temples Auwahi Ahupua'a Luala'ilua Ahupua'a Alena Ahupua'a Kīpapa Ahupua'a Nakaohu Ahupua'a Nakaaha Ahupua'a Other Heiau. Kahuahakamoa Heiau Moomoku and Makapaiki Heiau Keahuaiea, Pu'u Kao, and Hoku-kano Heiau St. Ynez Church Discussion. Architecture Excavation. Chronology.	

Figures

Figure 1.1 View of the Kahikinui uplands in Nakaohu Ahupua'a	3
Figure 1.2 Map of Kahikinui District showing the general locations of its eight ahupua'a and other features	6
Figure 2.1 Map of the Kipapa-Nakaohu area of Kahikinui, showing the geographic scope of the U.C. Berkeley survey project	14
Figure 2.2 A U.C. Berkeley field team member fills out a detailed site recording form	
in the coastal part of Kīpapa Ahupua'a	16
Figure 2.3 Digitized map of the Kipapa-Nakaohu survey area	
Figure 2.4 Rectangular stone structure situated in the bottom of a stream channel in	0.0
Kīpapa Ahupua'a	20
Figure 2.5 Map of residential features and agricultural mounds situated around a small swale in the upland zone of Kīpapa Ahupua'a	21
Figure 2.6 Map of a residential cluster (<i>kauhale</i>) in Nakaohu Ahupua'a	
Figure 2.7 Aerial photograph of a large stone enclosure in Nakaohu Ahupua'a,	
probably an intermediate-level heiau	23
Figure 2.8 Plan of Site 1, a notched heiau in Kīpapa Ahupua'a	
Figure 2.9 Plan of Site 330, a fishing shrine or koʻa in Nakaohu Ahupuaʻa	
Figure 2.10 Aerial photo of a high-walled rectangular enclosure in the coastal section	
of Nakaohu Ahupua'a	26
Figure 3.1 Archaeological site distribution within the Department of Hawaiian	
Home Lands Kahikinui house lots	29
Figure 3.2 Feature B406 T1, habitation terrace, plan view	
Figure 3.3 Feature B201 E1, rectangular habitation enclosure, plan view	
Figure 3.4 Feature B826 ER1, enclosed rock shelter, plan view	
Figure 3.5 Features B414 W1 and B415 W1, pre-contact boundary walls and	
associated feature B413 TP1	
Figure 3.6 Feature A211 W1, post-contact corral and ranch walls, plan view	37
Figure 3.7 Feature D201 LT1, modified lava tube	
Figure 3.8 Hölua slide (B904 P1) and associated features, plan view	
Figure 3.9 Feature B801 E1, notched enclosure, plan view	41
Figure 4.1 Locations of household clusters discussed in Chapter 4	51
Figure 4.2 View of Site 742	
Figure 4.3 Small combustion feature exposed during the excavation of Site 742	
Figure 4.4 Pahoehoe-slab lined niche, situated in the northeast corner of Site 742	
Figure 4.5 View of Site 752 after excavation	
Figure 4.6 View of Site 45 after excavation	
Figure 4.7 View of the post-contact stone walled enclosure, Site 334	58
Figure 5.1 Heiau locations in Kahikinui	
Figure 5.2 Photograph of Site 183 facing upslope	66
Figure 5.3 Aerial photograph of Koholuapapa Heiau (Site 1386) and	
Kahu's House (Site 1387)	
Figure 5.4 Plan-view map of Koholuapapa Heiau (Site 1386)	
Figure 5.5 Plan-view map of the Kahu's House (Site 1387)	
Figure 5.6 Plan-view map of Kahikinui 1 (Site 175)	
Figure 5.7 Plan-view map of Nakaaha Heiau (Site 1156)	
Figure 5.8 Aerial photograph of Site 4279, view to the south	
Figure 5.10 Approximate ages of the nine building episodes dated by radiocarbon	
dating or by diagnostic post-contact artifacts (Kahu's House)	76

Tables

Table 3.1	Archaeological features by descriptive type	30
	Radiocarbon dates from Kīpapa Ahupua'a	
Table 4.1	Kīpapa site excavations, 1996	52
Table 4.2	Radiocarbon dates from Kīpapa household clusters	59
Table 5.1	The surveyed temples of Kahikinui	63
Table 5.2	Distribution of survey temples by district (areas given in square meters)	75
	Kahikinui temple radiocarbon dates	

Foreword

This volume presents preliminary findings from archaeological fieldwork undertaken by three different institutions in Kahikinui District on Maui. The contributors agreed last year that one aim of our work should be to prepare nontechnical reports for public distribution in Hawai'i. In discussing the idea of such a volume, Patrick Kirch and I agreed that while the public in Hawai'i often is aware of archaeological fieldwork being conducted, all too rarely do they get a timely summary of initial findings. Often, results only become available some years later in highly technical reports. Easy-to-read summaries are rarely available. It seemed to us that providing such a summary of the Kahikinui research would be of considerable interest to the public. After all, it is the public—the taxpayer—who ultimately has paid for much (though not all) of this archaeology, be it through national granting agencies, the Department of Hawaiian Home Lands, state university programs, or the State of Hawai'i Historic Preservation program.

The three institutions carrying out archaeological research in Kahikinui in 1996 were the University of California at Berkeley, Northern Illinois University (NIU), and the State of Hawai'i Historic Preservation Division (SHPD). The U.C. Berkeley program, under the direction of Prof. Patrick Kirch, involves a continuing study of two traditional Hawaiian community lands (ahupua'a). Under the direction of Prof. Michael Kolb, the NIU program focuses on religious structures (heiau) throughout Kahikinui. Under the direction of Dr. Boyd Dixon and myself, the SHPD continued a Kahikinui-wide study, with initial emphasis on surveying higher elevation sites in three ahupua'a, as part of the Kuleana Homestead project of the Department of Hawaiian Home Lands.

These three Kahikinui projects are more than separate research endeavors that happen to involve the same area. They mark the start of a collaborative effort of great and, I think, exciting research potential. For the almost three decades that I have been involved in Hawaiian archaeology, it has been extremely unusual to have three research-focused projects of any scope going on in the same district. Actually, I am not aware that it has happened before; this is a first! More important, all three projects are interlinked. We are sharing information, and we are all looking at multiple research questions of similar interest. In other words, although not centrally directed, this Kahikinui work is a cooperative endeavor in many respects. Such cooperation among three institutions at a major scale has not occurred in Hawaiian archaeology for more than three decades. I personally have found this past year's work to be extremely stimulating. It has provided an opportunity for researchers, in the field and out, to discuss work and share new ideas.

In the past, Hawaiian archaeology has tended to focus its efforts at the scale of the ahupua'a land unit, or smaller units within this. In Kahikinui, were are able for the first time to break beyond the ahupua'a and actively study with intensive fieldwork sizable sections of an entire traditional district (moku). Kahikinui originally contained eight ahupua'a or community lands. The U.C. Berkeley project is near to concluding a complete surface survey of two of these, Kīpapa and Nakaohu, from sea level up to about 2,600 feet above sea level, while the SHPD has surveyed the highest elevations from 2,600-4,000 feet. The Berkeley survey builds upon work started in 1966 by Peter Chapman for the Bishop Museum, work in which Prof. Kirch participated as a young student and has long intended to bring to completion. The SHPD also surveyed the upper elevations of the adjacent ahupua'a of Nakaaha; in 1997 we will begin sample surveys of other Kahikinui lands. The NIU team has studied larger religious structures in the district—mapping, test excavating, and dating the larger and mid-sized heiau across the district. In addition, the Berkeley team has completed several extensive (horizontal) excavations at numerous house sites, to determine what the stone structures were used for and to identify locations of household activities. Clearly, all of this work is providing a massive amount of detailed archaeological information on an entire ancient Hawaiian district—a major step in Hawaiian archaeological research.

This work is exciting for those interested in Hawaiian history. Ideas (sometimes called "models" or "hypotheses" by archaeologists) on major changes in Hawaiian culture from the time of first settlement to European contact and after abound in the archaeological literature of Hawai'i. Over the past two decades, scholars have begun to identify broad changes and their chronology, not only through archaeological studies, but also from the evidence of oral traditions and of ethnohistorical studies. But these are often only very general ideas. We desperately need to test these ideas with concrete archaeological information—to correct, refine, and improve our knowledge of Hawai'i's past. The current tri-institutional

work in Kahikinui has vast promise to provide that long-needed testing. We are studying several major changes: early settlement and how outlying leeward (dryland) districts were utilized; when the leeward districts were permanently settled, the nature of that settlement, and population growth over the land (where, how fast, and the distribution of people); household organization and activity patterns; community organization and the change from kin-based land and community control; and, the rise of more complex political organization and how that impacted outlying districts, particularly in such arenas as pig husbandry, agricultural intensification, and religious offerings. Professors Kirch and Kolb have outlined many research questions and methods for approaching them in their respective grant proposals to the National Science Foundation and National Geographic Society. Boyd Dixon and I have also been working over the past year on developing a set of research questions. Eventually, it is my hope that we will all operate independently but with a set of research questions that have been jointly and cooperatively developed. Some of us may focus on a single issue, while others may study several interrelated questions. But the exciting thing is that we are finally embarking on gathering new data to test broad ideas in Hawaiian archaeology, and we are doing this on a district-wide scale. This has great potential to radically refine and perhaps change our ideas about Hawaiian history.

Kahikinui has the potential to help answer these questions because it is one of the rare places in modern Hawai'i where massive urbanism, resort development, or commercial cultivation have not touched the land. Kahikinui was largely abandoned by the mid-1800s with its people moving elsewhere and relatively low-impact ranching dominated the district since then. As a result, most of the archaeological landscape is still intact. The shoreline sites are there, as are the sites all the way up into the remnant dryland forest. True as Prof. Kirch says in his Introduction, this was a dry land, an 'āina malo'o, and the ruler and highest chiefs lived elsewhere on Maui. But, this is almost a unique case in the major Hawaiian Islands where we have an entire district with its archaeological sites and landscape largely intact.

I have emphasized the archaeological and scientific excitement generated by these projects, but equally important, these studies have direct value and relevance for people on Maui today. Kahikinui is Hawaiian land, and the Department of Hawaiian Home Lands in partnership with a Native Hawaiian organization, Ka 'Ohana O Kahikinui, is currently developing a program to resettle parts of the district, replenish its forest resources, and protect its archaeological and cultural sites and historic legacy. The SHPD survey in the high elevations of Kipapa, Nakaohu, and Nakaaha was made in the area where Kuleana Homestead lots are soon to be awarded. This survey found important religious sites and other sites, including a previously unknown holua slide complex, as well as examples of many other kinds of sites. Some sites will be protected and preserved, and important information has been recorded from the others. Beyond the immediate Kuleana Homestead area, all of the projects have helped to identify important types of sites and landscapes across the district, and will provide the basis for preservation recommendations. This work will provide vital information for Ka 'Ohana O Kahikinui, who wish to manage the cultural resources of this vast moku; it will provide the basis for responsible site management and planning decisions by the Department of Hawaiian Home Lands. But most importantly, our studies will result in a more detailed history of Kahikinui, a history of how Native Hawaiian people lived on the land, a history of value to the new residents of Kahikinui, to Ka 'Ohana O Kahikinui, and to the Department of Hawaiian Home Lands. The close cooperation, fostered by traditional Hawaiian values of kõkua and aloha, between archaeologists, state agencies, and Ka 'Ohana O Kahikinui shows a common purpose in striving to protect and improve Kahikinui.

I hope that this volume of preliminary results stimulates public interest in our research. Patrick Kirch deserves special credit for supplying the editorial drive to compile this volume, and for providing the funding for its production. I hope it will be the first of several such volumes that will present important archaeological findings on Kahikinui, and present them in a nontechnical manner accessible to all.

Ross Cordy Branch Chief for Archaeology State Historic Preservation Division Department of Land and Natural Resources State of Hawai'i January 1997

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Many, many others have also helped and assisted in the various archaeological projects, and specific acknowledgments will be found at the conclusions of individual chapters.

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