Living on the Mesa:
Hanat Kotyiti, A Post-Revolt Cochiti Community in Northern New Mexico
By Robert W. Preucel

On August 10, 1680, the Pueblo Indians of the Spanish province of New Mexico, along with their Navajo and Apache allies, rose up against their overlords to initiate one of the most successful revolts in the history of the New World. After eighty-two years of living under Spanish rule, Pueblo leaders forged an alliance that transcended longstanding village rivalries. For nine days, Pueblo warriors besieged the Spanish capital of Santa Fe, forcing the Governor of New Mexico, Antonio de Otermin, to retreat with his followers to what is now Juárez, Mexico. A total of 401 Spanish colonists and 21 Franciscan missionaries lost their lives in the uprising. The number of Pueblo people killed is not recorded.

Surprisingly, given its historical significance, the Pueblo Revolt of 1680 has not been the subject of sustained archaeological research. Early 20th-century investigators, such as Nels Nelson and A. V. Kidder, conducted some of the first excavations at mission pueblos in the course of establishing scientific archaeology in the American Southwest. Their chief concern, however, was with understanding the origins of the Pueblo people and they saw mission pueblos as a way to work back in time "from the known to the unknown" (Nelson 1914:9). Other archaeologists, such as Edgar Lee Hewett, were more interested in ruins stabilization and the promotion of tourism than in mission pueblo economy and Pueblo-Spanish social dynamics.

In order to gather new archaeological data about this period, I established the Kotyiti Research Project in 1995 as a collaboration between the University of Pennsylvania Museum and the Pueblo of Cochiti. Our focus of investigation is Hanat Kotyiti ("Cochiti above"), an ancestral Cochiti community located on Pororro Viejo, a mesa in north central New Mexico (Figs. 1 and 2). Kotyiti figures prominently in Southwestern history because it was the setting of one of the final battles of the Spanish reconquest of New Mexico. Our ongoing research addresses a number of interrelated questions, such as: How did Pueblo people reconstruct their lives in the period following the revolt? What is the archaeological evidence for the different groups of Pueblo people known historically to have been present at Kotyiti? What are the current meanings of Kotyiti to the people of Cochiti?
burn the images of the holy Christ, the Virgin Mary and the other saints, the crosses ... burn the temples, break up the bells, and separate from the wives whom God had given them in marriage and take those whom they desired" (Hackett and Shelby 1942:247). To purify themselves, they were to plunge "into the rivers and washing themselves with amole (yucca root) ... with the understanding that there would thus be taken from them the character of the holy sacraments" (ibid., 247).

There was also a strong revivisicist character to the movement. Revivisicist emphasizes "the institution of customs, values, and even aspects of nature which are thought to have been in the (world view) of prehistoric generations but are not now present" (Wallace 1956:267). During the inspection tour. Popé and his associates urged the

leader named Popé as the overall architect of the revolt, he is unlikely to have been a true "messiah." In Pueblo society ritual leaders were not considered to be divine. In any event, he was certainly not the only leader of the Pueblo Revolt. Rarely cited historical sources identify El Saca and El Chato of Taos Pueblo, Francisco Tanjete of San Ildefonso Pueblo and Alonso Catiti of Santo Domingo Pueblo as prominent leaders. Popé, however, seems to have been the public spokesperson, the person most responsible for the rhetorical form and persuasive power of the movement.

The nativistic component of the movement, in contrast, is clearly in evidence. Nativism is expressed by "a strong emphasis on the elimination of alien persons, customs, values or material from (a people's worldview)" (Wallace 1956:267). Immediately following the revolt, Popé and his associates conducted a formal inspection tour of the Pueblo villages. At each one, they demanded that the people eradicate every trace of Christianity. They were instructed to "break up and Pueblo people to renew their kivas and once again hold their katsina ceremonies. If they lived in accordance with "the law of their ancestors," they would harvest "a great deal of maize, many beans, a great abundance of cotton, calabashes, and very large watermelons and cantaloupes and that they could erect their houses and enjoy abundant health and leisure" (Hackett and Shelby 1942:248).

Kotyiti is of special interest as one of several mesa-top communities known to have been founded in the aftermath of the Pueblo Revolt. As such, Kotyiti should be able to provide new information on the ideology and practice of the Pueblo revitalization movement.

**Two Villages: Successive or Contemporary?**

There are two distinct villages on Potro viejo—a formal plaza pueblo with six roomblocks containing two kivas, and a secondary village composed of a loose clustering of individual houses located some 150 meters to the east (Figs. 3 and 4). The plaza pueblo is securely dated to the post-Revolt period on the basis of historical documentation, dendrochronology, and ceramics. What has been debated by archaeologists is the age of the secondary village.

Adolph Bandelier, the pioneering anthropologist, first proposed the idea that the secondary village predated the plaza pueblo. He visited the mesa in 1880 with Juan José Montoya, the Governor of Cochiti, and gave the following interpretation: "The oldest ruins on the mesa, which hardly attract any attention, are those of a prehistoric Queques [Keres] pueblo; the strikingly well preserved ones are those of a village built after the year 1689 and abandoned in April, 1694" (Bandelier 1892:178).

It is clear that Bandelier’s main criterion for differentiating the ages of the two villages is the condition of the architecture. He described the plaza pueblo as "two stories high in some places, very well preserved, and built of fairly regular parallelepips of ufa [buff, a volcanic rock]" (1892:167) (Fig. 5). He described the secondary village as a group of "utterly shapeless" small houses located 210 meters east of the plaza pueblo and speculated that these were possibly "traces of the first occupation of the Potro Viejo by the Queques [Keres]" (ibid., 168).

In 1972, Nels C. Nelson began excavations at Kotyiti as part of the American Museum of Natural History’s Southwestern Program (Figs. 6 and 7). Nelson (n.d.) was an advocate of Bandelier’s thesis and speculated that the ruinous condition of the eastern village was due to its building stone having been robbed for reuse in the construction of the plaza pueblo.

In 1932, H. P. Mera of the Museum of New Mexico made surface collections of ceramics at the two villages. Because so-called Glaze F ceramics are found at both sites, Mera believed both were occupied during the Revolt period (Mera 1940:24, 25). More recently, Charles Lange has written that "all the glaze-paint forms (of the secondary village) are of Group F, and it would seem well justified to look upon these structures as the work of late arrivals after the double plazas had been enclosed or to consider them merely detached portions of the main ruin" (Lange and Riley 1966:146, n. 98).

In 1979, Julia Dougherty directed an archaeological survey of the Kotyiti area for the Santa Fe National Forest (Dougherty 1980). Like Bandelier and Nelson before her, she interpreted the two villages as being successively founded with the secondary village dating to between AD 1520 and 1775 (ibid.).

We consider both of the villages to have been occupied during the post-Revolt period and therefore to constitute a single interacting community.

At present, there are two competing hypotheses regarding the age of the secondary village on Potro Viejo. The Bandelier thesis holds that the secondary village was occupied sometime during the prehistoric period. The Mera thesis proposes that the secondary village is contemporaneous with the plaza pueblo and that both were occupied after the Pueblo Revolt of 1680. One of the first goals of the project was to resolve this conflict.

**Ceramics and Chronology**

Our studies of the ceramics from the two villages demonstrate that the villages are indeed contemporaneous (Table 1). This conclusion is based upon our analyses of the painted ware assemblages that were collected by Nelson and Mera as well as our ongoing studies of the architecture of the two villages.

The painted ware assemblage of the plaza
and therefore to constitute a single interacting community. This view is consistent with the earlier observations by Mera and Lange.

The Changing Koytity Community

The question that emerges next is who were the people who lived in the Koytity community? Where did they come from? In order to address these and other questions, we have carefully examined the documentary record, particularly the new translations of the journals of Diego de Vargas (Kessell and Hendricks 1992; Kessell, Hendricks, and Dodge 1995, 1998).

When Vargas first visited Koytity in 1692, the community was inhabited by people from Cochiti and refugees from San Felipe and San Marcos (Kessell and Hendricks 1992:515). Vargas was told that the people had moved up onto the mesa out of fear of their enemies. A year later, Vargas returned and was greeted by two separate groups of men and women (Kessell, Hendricks, and Dodge 1995:25). By this time, the San Felipe people had left to establish their own mesa-top village, Old San Felipe. It thus seems likely that the two groups Vargas encountered in 1693 were the people from Cochiti and San Marcos, each under their own leader. Vargas identified El Zepe as the leader of the Cochiti, and Cristobal as the leader of the San Marcos. He also learned that the people of San Marcos occupied a roomblock in the "second plaza" of the village (ibid., 200).

By 1694, pro- and anti-Spanish tensions within the community escalated to the point that El Zepe ordered the death of Cristobal and his brother Zue (ibid., 200). Their crime was that they had served as Spanish informants. In response to this act and the threat Koytity posed to the friendly villages, Vargas attacked the village on April 17, 1694, with a combined force of over 150 men, the majority being composed of allied Pueblo warriors from San Felipe, Santa Ana, and Zia. Although Vargas captured the village in an early morning attack, most of the warriors escaped. Four days later, the warriors counterattacked and succeeded in freeing half of their women and children.

These accounts document that Koytity was a Cochiti village led by El Zepe. They also reveal that it was a village in flux as people from other Pueblo villages periodically joined and left the community. There are strong indications of internal unrest; some people wanted to surrender peaceably to the Spaniards, while others planned to resist. These disputes severely weakened the community, causing changes in leadership for the San Marcos people and leading to the emigration of San Felipe people and their subsequent alliance with the Spaniards.

Evidence for Revitalism

What traditional practices did the people of Koytity reintegrate as part of the Pueblo revitalization movement? Did they actually stop using Spanish food and material culture? To answer these questions, we have begun an analysis of the artifacts excavated by Nelson and curated by the American Museum of Natural History in New York.

Although the comparative data on Pueblo foodways in the pre-Revolt mission communities...
Rain Priest lived in the room suite composed of Rooms 44/45. Nelson found five examples of rectangular ceramic vessels of a type that has been termed "a prayer meal" bowl. These vessels may have contained corn meal and were likely used in several different rituals. A distinctive pipe very similar to those excavated at Pecos pueblo by Kidder was found in one of the three very large rooms in the center of Roomblock III (Fig. 11). This pipe could have belonged to an individual from Pecos pueblo living at Kotyiti (perhaps the leader of a medicine society), or it may perhaps represent a gift denoting a special relationship between a Pecos and Cochiti medicine society.

**Conclusions**

The Pueblo Revolt of 1680 is one of the most important events in Puebloan history. More than a military success, it was part of a cultural revitalization movement that gave new meaning to people's lives and still provides inspiration for many Pueblo people today. Kotyiti is a prominent example of the new mesa-top communities established in the northern Rio Grande following the Pueblo Revolt. It was built by the Cochiti people as a mountain stronghold and it attracted refugees from the distant villages of San Marcos and San Felipe. Disputes between the leaders of these different groups, however, created social instability and this eventually facilitated Vargas's military campaign.

The artifacts from Nelson's excavations at the plaza pueblo provide suggestive evidence for the revivalist aspects of the Pueblo revitalization movement. Traditional foods, such as piki bread, were prepared and traditional ritual practices, such as rain ceremonialism, were reinstituted (or at least practiced more openly). This "return to tradition," however, was not dogmatic and certain elements of Spanish material culture were retained, such as religious paraphernalia, while others were put to new uses, such as the majolica spindle whorls. Although additional studies are needed, these results highlight some of the ways in which Pueblo people attempted to create new collective identities and social meanings during the latter part of the 17th century.

### Table 1. Comparison of prehistoric and historic ceramics from Kotyiti plaza pueblo (LA 295) and secondary village (LA 84).

(Data from Mera collections, Laboratory of Anthropology, Museum of New Mexico)

<table>
<thead>
<tr>
<th>Ceramics Type</th>
<th>Plaza Pueblo</th>
<th>Secondary Village</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>%</td>
<td>No.</td>
</tr>
<tr>
<td>Prehistoric (AD 1150–1450)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kwahal's Black-on-White</td>
<td>33</td>
<td>21.02</td>
</tr>
<tr>
<td>Santa Fe Black-on-White</td>
<td>2</td>
<td>1.27</td>
</tr>
<tr>
<td>Bandelier Black-on-Grey</td>
<td>1</td>
<td>0.64</td>
</tr>
<tr>
<td>Historic (AD 1683–1694)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kotyiti Greenwares (Glaze F)</td>
<td>71</td>
<td>45.22</td>
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<tr>
<td>Tewes matte paint wares</td>
<td>39</td>
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<tr>
<td>Tewes Black</td>
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<tr>
<td>Trade wares</td>
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<td>5.73</td>
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<tr>
<td>Totals</td>
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<td>100.00</td>
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**Acknowledgments**

I am especially grateful to the people of Cochiti pueblo for the opportunity to conduct this collaborative research. I also wish to thank Michael Bremer, Chip Wills, Fred Dixon, Becky Mullane, and Douglas Bailey for facilitating permitting, site access, and housing. I am indebted in many ways to my project colleagues and interns, including Leslie Atik, Patricia Capone, Elga Jeffers, John Patrick Montoya, J.R. Montoya, Thurman Pecos, James Quintana, Gilbert Quintana, Wilson Romero, Robert Sherrer, Nick Stapp, Jeff Suina, Lon Traxler, April Trujillo, Martina Valdo, Michael R. Walsh, Courtney White, Michael Wilcox, and Lucy Williams. David Hurst Thomas facilitated the loan of the Nelson collection from the American Museum of Natural History. I am grateful to Mark A. Lewis, S.J., for his efforts to obtain permissions on my behalf. This research was supported by grants from the American Philosophical Society, the University of Pennsylvania Research Foundation, the University of Pennsylvania Museum and the generosity of Ruth Scott, Annette Merle-Smith, and Douglas Walker. H. Fred Schoch took the photographs in Figs. 8-11.
Fig. 8. Koryon Glaze Polychrome jar and Tewa Polychrome bowl, both from Nelson's excavations at the Koryon plaza pueblo.

Fig. 9. A copper censer and candle holder (f) were among the few metal objects found in Nelson's excavations at the plaza pueblo, suggesting that the Pueblo people retained certain Spanish religious objects after the Pueblo Revolt of 1680.

Fig. 10. Miniature vessels found in Room 44 of the plaza pueblo may be evidence for Pueblo rain-making rituals. These vessels are all slipped with white clay in what may be the earliest documented use of the famous Cochiti slip and are decorated with matte paint designs.

Fig. 11. Clay pipe carved with a lightning arrow design emanating from a stepped terrace (cloud or mountain?). Similar pipes are known from Kiddler's excavations at Pecos Pueblo.

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