




Research Article

Politicizing belonging: Community formation at the Late Preclassic Maya hamlet of Dos Ceibas

Markus Eberl^a , Takeshi Inomata^b, Daniela Triadan^b, Claudia Marie Vela González^c and María de los Ángeles Corado^a

^aDepartment of Anthropology, Vanderbilt University, 106 Garland Hall, Nashville, TN 37235 (markus.eberl@vanderbilt.edu; maria.d.corado@vanderbilt.edu); ^bSchool of Anthropology, University of Arizona, 1009 E. South Campus Drive, Tucson, AZ 85721 (inomata@arizona.edu; dtridadan@arizona.edu) and ^cColegio Evelyn Rogers, Finca El Porvenir, Km. 16.5 Carretera a El Salvador, Aldea Don Justo, Fraijanes, Guatemala City, Guatemala (claumavela@gmail.com)

Abstract

People are often assumed to expand existing mechanisms—kinship in particular—to include others when they form communities. These models (con)fuse similarity with sameness, as we argue based on Husserl’s concept of empathy. People recognize others without overlooking differences. They form community by negotiating belonging. We ask how individuals materialize community, how they create unity in a political process, and how they employ bordering and bonding social interactions. Our case study is Dos Ceibas, a Late Preclassic (350 B.C. to A.D. 250) Maya hamlet in the Petexbatun region. The North Plaza originated as a residential group—possibly of the hamlet’s founder—and was transformed over multiple construction episodes into a public and ceremonial place. By A.D. 250, Dos Ceibas consisted of a small pyramid overlooking a plaza and two likely residential buildings. Its growth pattern sets the North Plaza apart from nearby Group MP16 and magnified internal differences. At the same time, Dos Ceibas’s pyramid and plaza were likely communal constructions that project a shared community identity. The comparison with contemporary settlements nearby identifies distinct settlement layouts and suggests localized community identities.

Resumen

El surgimiento de sociedades complejas plantea un desafío para los arqueólogos. Los enfoques tradicionales suponen que los grupos sociopolíticos crecen dentro de un marco conceptual existente. Maine (1861) sugirió que los pueblos antiguos ampliaron las relaciones de parentesco para incluir ficticiamente a los no parientes. Para formar grupos sociales más grandes, las personas reconocen a los demás como miembros de la misma comunidad. Basándonos en el concepto de empatía de Husserl, discutimos cómo los modelos anteriores fusionan—erróneamente en nuestra opinión—similitud con igualdad. Argumentamos que la formación de una comunidad resalta la identidad compartida sin resolver las diferencias. En la política de pertenencia, las percepciones y prácticas de las personas se amplían para crear un marco espaciotemporal compartido. Al mismo tiempo, sus crecientes interacciones sociales ponen al descubierto las diferencias de poder. La construcción de arquitectura pública como grupo materializa la visión compartida de comunidad, así como los aportes individuales diferenciales.

La política de pertenecer plantea tres cuestiones para la formación de la comunidad. Primero, la pertenencia refleja un proceso al menos parcialmente público durante el cual las personas se observan unas a otras. Sostenemos que los individuos materializan su comunidad. Intercambiar lugares permite a las personas ponerse en los zapatos de alguien más. Crean entendimientos intersubjetivos a través de un proceso encarnado. Segundo, las comunidades no deben confundirse con grupos sociales homogéneos. Las interacciones sociales cercanas hacen que los miembros de la comunidad se familiaricen entre sí no solo como personas que desempeñan roles, sino también como individuos únicos. Al menos algunas personas toman conciencia de lo que comparten y de lo que las diferencia de maneras contextualizadas. Tercero, la pertenencia requiere la negociación continua de la comunidad. Durante la delimitación, las personas se proyectan hacia afuera e identifican diferencias; durante la vinculación, las personas miran hacia adentro y constituyen la similitud. Ambos procesos se complementan entre sí y esencializan la similitud.

Corresponding author: Markus Eberl, markus.eberl@vanderbilt.edu

Cite this article: Eberl, Markus, Takeshi Inomata, Daniela Triadan, Claudia Marie Vela González, and María de los Ángeles Corado (2024) Politicizing belonging: Community formation at the Late Preclassic Maya hamlet of Dos Ceibas. *Ancient Mesoamerica* 35, 882–898. <https://doi.org/10.1017/S0956536124000117>

Aplicamos nuestro modelo al sitio Dos Ceibas en la región del Petexbatún en el centro-sur de las tierras bajas Mayas. Nuestras investigaciones arqueológicas permiten reconstruir un caserío del Preclásico que consta de al menos tres edificios del Preclásico Tardío y dos plazas. Dos plataformas

(Estructuras R27-57 y R27-62) probablemente sirvieron como residencias. La Estructura R27-63 y la Plaza Norte formaron—al menos en su configuración final—una esfera ceremonial y pública. La veneración a los antepasados pudo haber sido el vínculo que unía a los habitantes de Dos Ceibas. Además, la inusualmente grande Plaza Norte brindaba espacio para actividades comunales e interacciones con visitantes regionales.

La historia del asentamiento de Dos Ceibas muestra que la Plaza Norte se origina como un grupo residencial. Durante al menos seis episodios de construcción, los lugareños transformaron la Estructura R27-63 de una plataforma (y posible santuario) a una pequeña pirámide. También ampliaron la Plaza Norte. Estos desarrollos encajan con el surgimiento de áreas rituales tempranas en otras partes de las tierras bajas mayas. La inclusión privilegiada de una residencia (Estructura R27-62) en este complejo ritual emergente apunta a una estratificación incipiente. El enfoque del constructor en la Plaza Norte sobre el Grupo MP16 apunta a la materialización de diferencias inherentes, que probablemente reflejan a los fundadores de Dos Ceibas y el eventual culto a los antepasados. La veneración de los ancestros puede haber unido a las personas de manera diferente. En tiempos posteriores, los muertos se convierten en ancestros parcialmente anónimos o se fusionan con seres sobrenaturales; su veneración podría unir a la comunidad más amplia. Sin embargo, las personas no pasan por alto su cercanía a los fundadores y pueden usarla para diferenciarse.

A través de siglos de trabajo, los habitantes de Dos Ceibas establecieron una identidad localizada. Vivían a poca distancia de sitios en Aguateca, Bayak y Punta de Chimino. Todos los vecinos tienen una estructura piramidal y una plaza como puntos de enfoque y eventos comunales; residencias probablemente rodearon estos centros en el caso de Aguateca y Bayak (discutimos en el texto complementario 2 que la evidencia es demasiado limitada en el caso de Punta de Chimino). Sin embargo, los sitios preclásicos en la región del Petexbatún difieren en sus detalles arquitectónicos. Interpretamos estas diferencias como expresiones de interacciones vinculantes e identidades comunitarias distintas.

Keywords: Community; empathy; Late Preclassic; Maya; Dos Ceibas

The emergence of complex societies poses a challenge for archaeologists (Kintigh et al. 2014). Traditional approaches assume that sociopolitical groups grow within an existing conceptual framework. Maine (1861) famously suggested that ancient people expanded kin relations to fictitiously include nonkin. Kin-based communities eventually transformed into impersonal societies (Durkheim 1984; Tönnies 1887; Weber 1968). Scholars have critiqued the evolutionary ladders of these models (e.g., Pauketat 2007; Smith 2003). To form larger social groups, people recognize others as members of the same community. Based on Husserl's concept of empathy, we discuss how earlier models merge—erroneously in our opinion—similarity with sameness. We argue that community formation makes the shared identity salient without resolving differences. In the politics of belonging, people's perceptions and practices broaden to create a shared spatiotemporal framework. At the same time, their increased social interactions lay bare power differences. Building public architecture as a group materializes the shared vision of community as well as differential individual contributions.

Our case study is Dos Ceibas in the Maya Lowlands (Figure 1). Founded between 350 B.C. and A.D. 250, Dos Ceibas exemplifies Preclassic sociopolitical changes in the Petexbatun region. Extensive investigations allow us to reconstruct the Late Preclassic hamlet below the Late Classic (A.D. 600–800) village. It likely consisted of two residential groups. We show that Dos Ceibas's residents transformed one group's possible shrine into a small pyramid overlooking a large plaza. The new center differentiated the hamlet's inhabitants. Kinship and alliance models predict a horizontal expansion, with the descendants of the founders adding new households. Dos Ceibas's vertical

Preclassic development differs, and we argue that it exemplifies the emergence of community as new subjectivity.

Empathy and the politics of belonging

To include others, individuals are traditionally assumed to stretch existing mechanisms and kinship in particular. In Maine's (1861) famous model, descent unifies families and larger social groups; as the latter grow, people complement real kin relations with "fictitious extensions of consanguinity" (Maine 1861:132). In the following, we argue that people develop a new understanding of themselves and others as they form a community. We discuss Husserl's concept of *Einfühlung*, or "empathy." Feeling and being similar differ. People not only recognize differences but also negotiate them. This dimension is absent in Husserl and, correspondingly, we emphasize the politics of belonging.

Our argument builds on theories of agency and practice. Ethnographers have deconstructed the factuality of kinship (e.g., Carsten 2000; Godelier 2011; Sahlins 2013). In Lévi-Strauss's (1982, 1987) house model, descent and affinity "do not construct or define the house as social group, they follow from it" (Marshall 2000:75). House members engage in diverse social relations and employ the language of kinship to maintain cohesion. Following this lead, archaeologists have moved to "more practice-based understandings of how kin and kin-like relationships are strategically operationalized and understood by the persons who enact them" (Gillespie 2000b:478; also Bentley 2022; Gillespie 2000a). Leaders enjoy a privileged role in steering these narratives, but they seldom have the absolute power to do so alone. Nonelite individuals, households, lineages, and other groups cooperate, negotiate, and take collective action (Blanton and

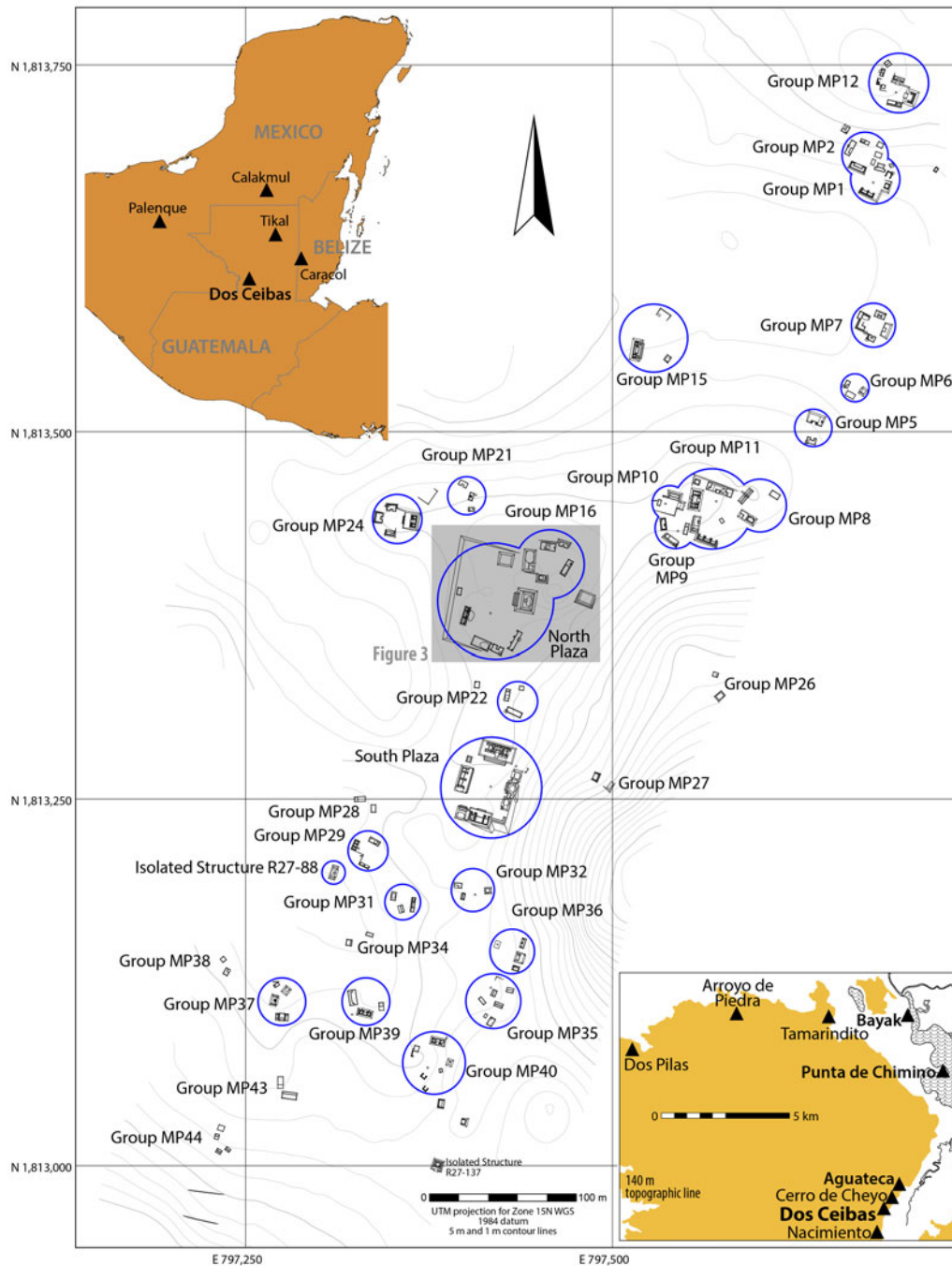


Figure 1. Map of the site of Dos Ceibas. Upper left inset map shows its location in the southwestern Maya Lowlands; lower right inset shows its location in the Petexbatun region (bolded sites have Preclassic predecessors); blue circles mark groups that were investigated. Eberl maps.

Fargher 2008; Carballo and Feinman 2016; Fargher and Heredia Espinoza 2016; Feinman and Carballo 2018; Halperin 2017; Jennings and Earle 2016). Monumental building projects that in the past were seen as evidence for emerging leaders (e.g., Blake 1991) require labor input from a larger social group (Trigger 1990) and often turn out to be communal efforts (Joyce 2004; Pauketat 2000).

Shared group identities are no longer assumed to be the automatic outcome of kin relations. Watanabe (1992:ix) identifies community as a “locus of contingent social cooperation

involving diverse—at times divergent—individual interests.” To create a meaningfully bounded place, individuals participate in, commit to, and invest in locally relevant discourses (Watanabe 1992:15). From Anderson’s (2006) perspective, individuals may not relate or even know each other. Instead, shared modes of apprehending the world allow them to imagine others as members of the same community. Although designed to explain the rise of modern nation states, Anderson’s model has inspired studies of imagined communities in ancient societies (Canuto and Yaeger 2000).

Similarity should not be confused with sameness. Husserl (1960) discusses how trading places enables people to understand the perspectives of others (Eberl 2017:39–41). Individuals observe each other and sometimes (e.g., when standing in line) even literally step into someone else's shoes. However fleetingly, ego is alter ego for the other (Husserl 1969:237–238). Experiencing other subjects' bodies and behaviors inspires empathy (Hermberg 2006:34). It serves as “ontological bridge from one's own subject, which is given proximally alone, to the other subject, which is proximally quite closed off” (Heidegger 1962:162). For Heidegger, this reduces the other to publicly perceptible attributes and therefore to a mere clone of the self: “Everyone is the other, and no one is himself” (Heidegger 1962:162). However, Husserl carefully distinguishes between object and representation. Individuals perceive other subjects in terms of bodies and behavior, but they cannot experience their “psychic contents with actual originality” (Husserl 1969:239). The constitution of others must, therefore, as Husserl concludes, be different from that of one's own psychophysical Ego (also Hermberg 2006:38; Sartre 1939:129). Empathy makes the other salient but not the same.

Belonging is an affectional and rationalizable process directed at others. Husserl's German term for empathy—*Einfühlung*—consists of two parts. The term *fühlen*, or “sensing,” points to a perceptual and emotional process that is, as *ein-* or “into” specifies, located in relations among individuals. Given that their affectional dimension is often tacit, community identities can be very powerful. The salient recognition of others originates in part from shared practices and regular face-to-face contacts that foster trust and cooperation (Golden and Scherer 2013; Munson and Pinzón 2017; Yaeger and Canuto 2000). Nonetheless, at least some people develop a “theoretical attitude” to question what they take for granted (Husserl 1970:281, 1989:7; see also Hermberg 2006:32–39).

Husserl (1970:26) pits the perception-based natural and representation-based theoretical attitude against each other. He solves the tension by arguing that people should break with their habits, enlighten themselves, and adopt the theoretical attitude. People reorient themselves to make the world in which they live—and that they usually take for granted—into the object of their thoughts (Duranti 2010:27). Derrida (2011:42, 71–75) criticizes Husserl for dichotomizing fact versus representation (see also Andrews 2004). He proposes a dialectical process called *différance*, which consists of differentiation and deferral (Derrida 2011:75). Differentiation refers to the establishing a dichotomy like Husserl's fact versus representation. Swinging back and forth like a pendulum between extremes without ever reaching them, this process is never-ending and defers finalization. For us, perception and cognition are mutually linked. We employ Derrida's (2011) *différance* to argue for a co-constitutive process (Eberl 2017:103–104). Empathy rests on ongoing social interactions that reveal similarities and differences among community members (Eberl 2014).

People may feel empathy for others tacitly; yet, at least some become aware of it and use it strategically. Similar to the anthropological re-evaluation of kinship (see

above), we argue that empathy is not an essential or universal feature of being human. Instead, empathy is essentialized in context-specific ways. We emphasize ways to point to diverse possibilities that may overlap and resonate or that may be authorized and become dominant (Bourdieu's [1977:39–43] “officializing strategy”). We hesitate to call this the “Language of Empathy” and identify it as a Foucauldian discourse, though. Empathy can be verbalized, but it is often tacit. In addition, its power derives at least in part from materialization and embodiment.

The politics of belonging raises three issues for community formation that we discuss further below. First, belonging reflects an at least partially public process during which people observe each other. We argue that individuals materialize their community. Trading places allows people to step into the someone else's shoes. They create intersubjective understandings through an embodied process (Duranti 2010). Second, communities should not be mistaken for homogeneous social groups (Blackmore 2011; Eberl 2014; Ensor 2013a, 2013b; Gillespie 2000a; Joyce and Gillespie 2000). Close social interactions make community members familiar with each other not only as role-playing persons but also as unique individuals. At least some people become aware of what they share and what sets them apart in contextualized ways. Third, belonging requires the continual negotiation of community. During bordering, people reach outward and identify differences; during bonding, people look inward and constitute sameness. Both processes complement each other and essentialize sameness.

Late Preclassic farming communities in the Petexbatun region

Community requires a different understanding of belonging. We study the three issues raised above in the Petexbatun region during the Late Preclassic (Figure 1). From our theoretical perspective, community originates in a perceptual but politicized basis; its specific form varies and depends on historical and cultural context. Correspondingly, our model allows for different subjectivities. We focus on farming communities, but this does *not* mean that people had no communities before. Since at least Flannery's (1970:23–24) discussion of Gheo-Shih, scholars have argued for Archaic-period communities in Mesoamerica (for recent reviews see Awe et al. 2021; Lohse 2010, 2020; Rosenswig 2015, 2019). At Aguada Fénix, Preclassic peoples built a monumental platform that presumably allowed them to gather and possibly create a shared identity (Inomata et al. 2020). Who these people were and how they self-identified is open for discussion (for a critique of Göbekli Tepe as uninhabited ceremonial center see Clare 2020:83–84). In Mesoamerica, foragers seem to have coexisted with incipient farmers for millennia (see reviews above and Inomata et al. 2015; Inomata et al. 2022). In addition, scholars increasingly question the farmer-versus-forager and permanent-versus-mobile dichotomies (Walker 2023).

In the Petexbatun region, people built an acropolis at Punta de Chimino during the seventh century B.C., long after the ceremonial center at nearby Ceibal (Bachand

2006; Inomata et al. 2013). By 350 B.C., settlements are attested at Aguateca, Punta de Chimino, and Bayak (see lower right inset in Figure 1; Bachand 2006; Inomata 2008:129–136; O'Mansky 1996; O'Mansky et al. 1994; Van Tuerenhout et al. 1993; for Preclassic sites in the Pasión River valley see Johnston 2006; Munson and Pinzón 2017; Willey 1973). We add the site of Dos Ceibas. Our investigations complement the earlier focus on monumental Preclassic buildings and reveal a Preclassic hamlet.

The site of Dos Ceibas was discovered during the systematic survey of the hinterland south of the royal capital of Aguateca (Eberl 2014:68–74). The 1.8 km long and 0.2 km wide survey followed the top of the crescent-shaped escarpment that rises 40 m above wetlands to the east (lower right inset in Figure 1). Dos Ceibas's residential groups and public architecture occupy the highest points near the escarpment. They consist of 131 structures in 33 patio groups (Figure 1; Eberl 2014:79). The residential groups cluster around a ceremonial complex (the North Plaza) and the largest residential group (the South Plaza). Our survey likely covered most of Dos Ceibas, because the area to the west floods during the rainy season and becomes a marsh. Environmental conditions are less than ideal. Forays to the east and west of the survey area located the site's only permanent water source at the foot of the escarpment. The spring is shallow and outputs a few liters per minute—too little to sustain a settlement. Dos Ceibas's inhabitants likely had to obtain water from springs at Nacimiento and Aguateca. The black soils of the horst upland are on average only 0.22 m deep and less fertile than those farther south (Eberl 2014:17–18).

Our survey initiated a comprehensive investigation of Dos Ceibas (Eberl 2014:179–221; Eberl et al. 2009). We excavated 43 test pits and two buildings extensively. In addition, we cleared, documented, and then backfilled 10 looted buildings. Twenty-five, or 75.8 percent, of all groups were studied to expose architecture, construction history, and associated middens.

The settlement history of Dos Ceibas begins around 350 B.C., pauses during the Early Classic period, and ends in

the eighth century A.D. Its visible architecture and about 90 percent of all ceramic sherds date to the Late Classic period (Table 1). Roughly 10 percent are Preclassic Faisan Chicanel ceramics from the unslipped Zapote ceramic group and the Paso Caballo Waxy ware (Figures 2 and 7 [inset]). The latter were slipped red (e.g., Sierra Red and Laguna Verde Incised), cream (Flor Cream), and black (Polvero Black). We encountered no Early Classic construction activity, and Early Classic sherds appear only mixed into Late Classic contexts (Eberl 2014:219). Dos Ceibas was most likely abandoned between A.D. 250 and 600.

The Late Preclassic settlement was limited to Dos Ceibas's later center. Construction evidence that we discuss below revealed Preclassic buildings below the North Group and Group MP16 (Figure 3). Our investigations did not include Structure R27-65, a few meters east of these two groups. Its amorphous squarish shape differs from Late Classic mounds elsewhere and suggests another Preclassic building. Preclassic ceramic sherds concentrate similarly in the center. They make up more than half of all datable sherds in the North Plaza and more than a quarter of all datable sherds in Group MP16 (Figure 4; Supplemental Text 1). Frequencies drop sharply outside of the center. After removing groups with low sherd totals, the North Plaza and Group MP16 remain the only groups with a substantial number of Faisan Chicanel sherds and Preclassic constructions.

Emplacing community

For Husserl (1960), trading places is crucial to develop empathy. Above, we use his concept as a theoretical basis to discuss community. To step into another's shoes is an embodied process. Archaeologists have linked architecture and shared identity (e.g., Guengerich 2017; Joyce 2004; Marcus 2003; Pauketat 2000; Trigger 1990). The process of building brings people together, both practically and metaphorically. As a public event, individuals not only work with but also observe each other. Their participation signals but not necessarily reflects inner motivations. Materiality is ambivalent and leaves intended meanings undefined. We

Table 1. Chronological distribution of ceramic sherds at Dos Ceibas (Eberl table).^a

Time Period	Ceramic Complex (Time Frame)	Percentage by Number	Percentage by Weight
Middle Preclassic ^b	Excarvado Mamom (700–350 B.C.)	0.46%	0.32%
Late Preclassic	Faisan Chicanel (350 B.C.–250)	10.31%	7.27%
Early Classic	Jordan Tzakol (A.D. 250–600)	1.83%	2.24%
Late Classic	Nacimiento Tepeu (A.D. 600–810)	87.31%	90.10%
Terminal Classic	Sepens Boca (A.D. 810–950)	0%	0%
Datable sherds (100.00%)		7,865	161,630 g
Eroded and unclassifiable sherds		4,393	61,708 g
All sherds		12,258	223,338 g

^aCeramic classification and periods based on Foias and Bishop 2013; Inomata 2010. The absolute chronology takes into account roughly 200 radiocarbon dates from Ceibal.

^bThe 36 Middle Preclassic sherds are mixed into later deposits and construction levels. The most common types are Baldizon, Joventud, Pital, and Chunhinta. In some cases, ceramic traits continue from the Middle to the Late Preclassic periods.

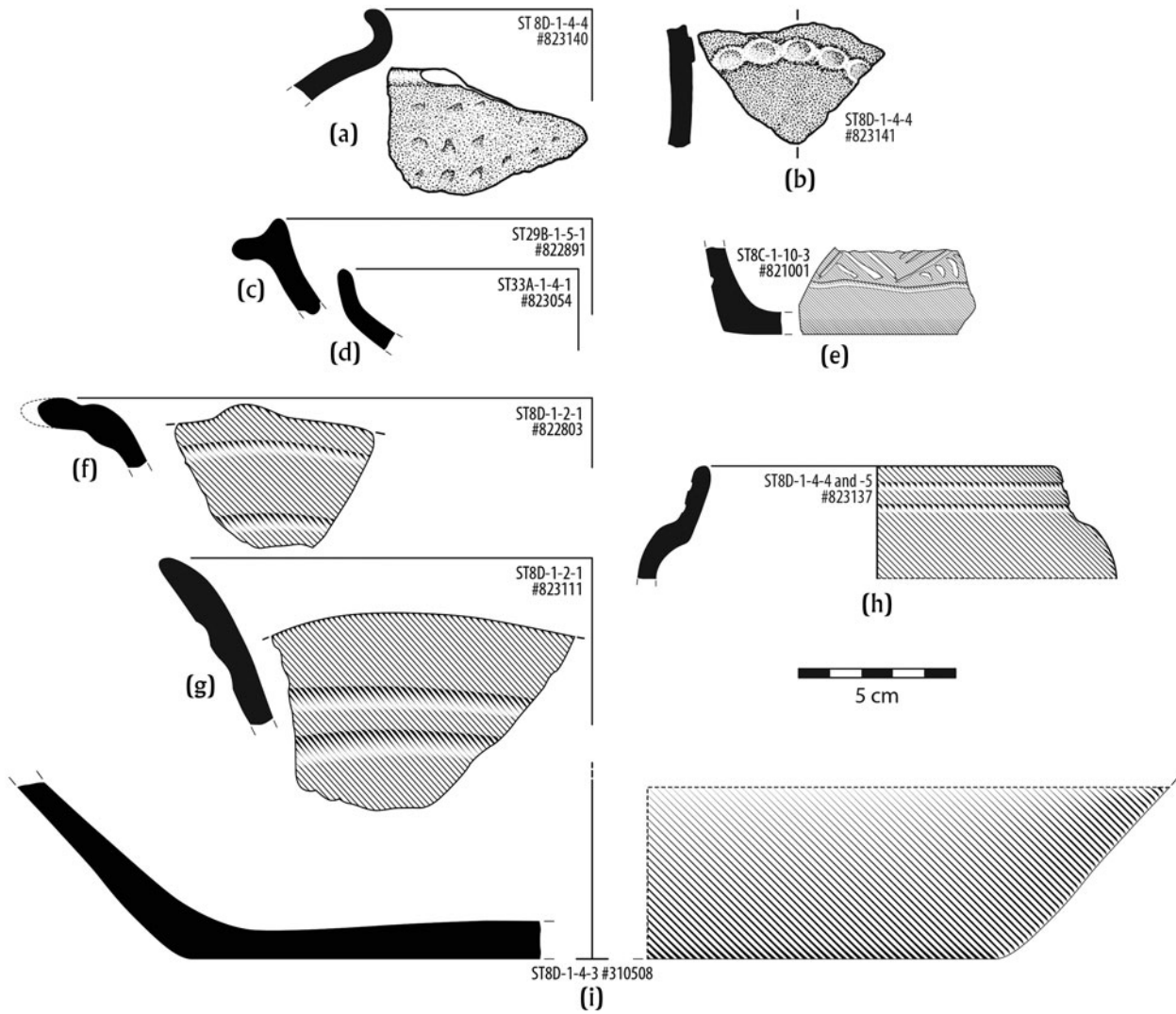


Figure 2. Preclassic sherds from Dos Ceibas—all from the North Plaza except (c) and (d) (Eberl drawings): (a) Zapote Punctuated jar sherd; (b) Zapote Impressed sherd; (c) Polvero Black sherd from Group MP31; (d) Polvero Black sherd from Group MPI6; (e) Guitara Incised sherd; (f, g) Laguna Verde Incised sherds; (h) Laguna Verde jar fragment; (i) Partial Sierra Red dish.

stress its ability to make community salient. We speak of emplacing community to refer to diachronic material practices through which people create and maintain a particular place (see also Cobb 2005:764). Our investigations allow us to reconstruct Dos Ceibas's Preclassic settlement below the North Plaza and Group MP16 (Figure 3). In the latter, we excavated three looted buildings and the plaza.

To build Group MP16, Late Preclassic people dug yellow-brown clay (Munsell Colors 2.5YR 3/1 "dark reddish gray" and 2.5Y 6/8 "olive yellow") from a large rockshelter at the eastern edge of the site (our survey found no other source for this clay anywhere else on the escarpment or in the wetlands; superficial and excavated soils at Dos Ceibas are normally dark brown [Munsell colors 10YR 2/2 or 3/2 "very dark (grayish) brown"]; see Figure 3). They added rocks, Chicanel sherds, shell, and animal bone fragments. Then they poured this compact mixture on the existing soil to create a level plaza. In Group MP16, Structure

R27-57 had a Preclassic predecessor. Its low platform rose slightly above the plaza on its west side (Figure 3d). It likely supported a building made of wood and thatched with palms. The compact Preclassic fill not only offers a stable foundation for perishable buildings but also visually set Group MP16 apart from its surroundings.

The Preclassic North Plaza had two buildings and an oversized plaza. Structure R27-63 started off as a simple platform and transformed into a two-stepped pyramid over at least six construction episodes (discussed further below). We identified Structure R27-62 as a Preclassic domestic building that was reused at the beginning of the Late Classic (Figure 3a). Below the Late Classic level was a gravel floor supported by 0.7 m of a dense dark-brown clay and rock fill (Figure 5). Construction technique and associated ceramic material date this floor to the Late Preclassic period. Below this first floor was a second gravel floor at an approximate depth of 1 m. Its fill, with a

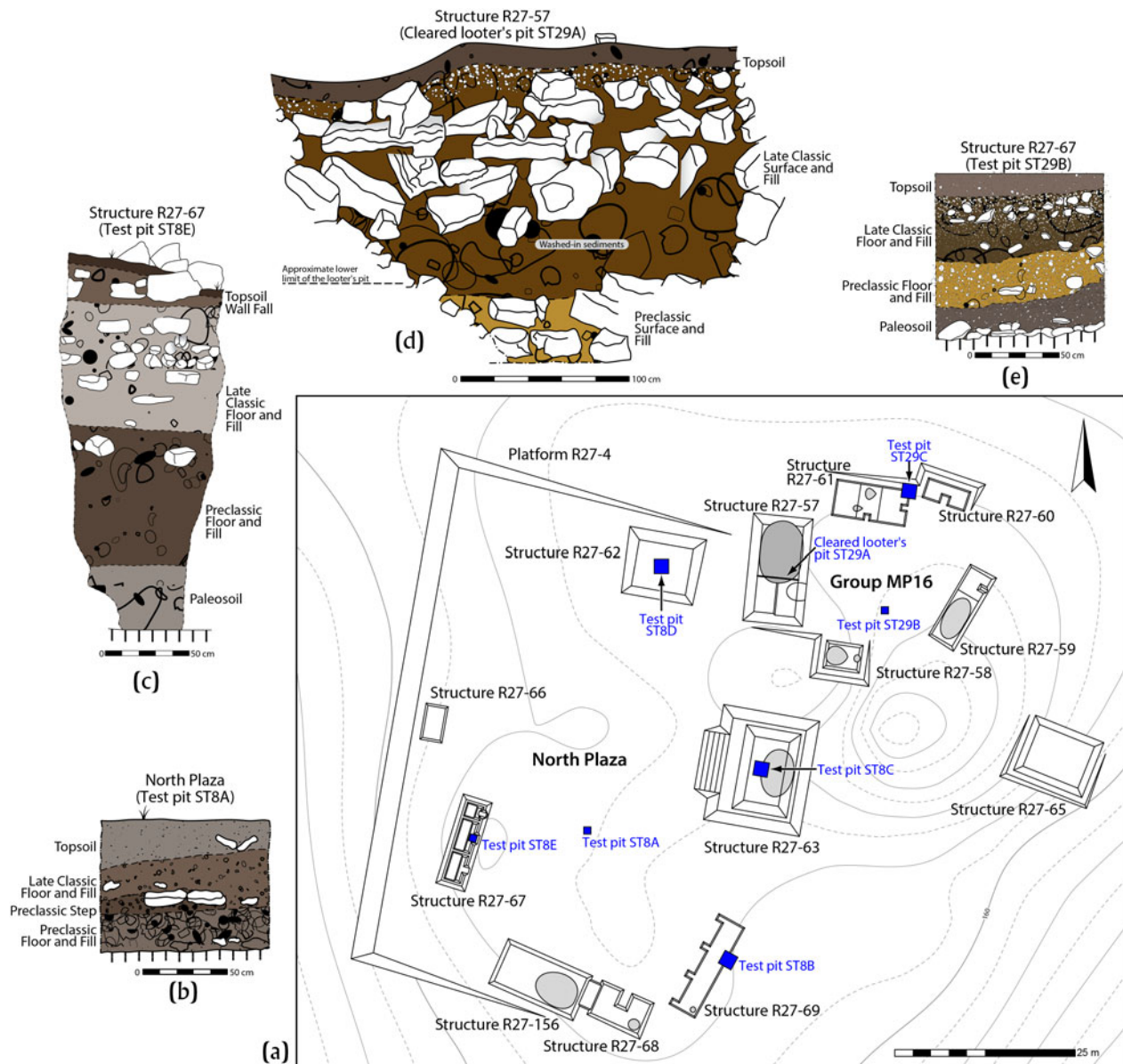


Figure 3. Investigations in Dos Ceibas's center (Eberl map and digitized profile drawings by Omar Schwendener; colors approximate the Munsell Color that was measured in the field as closely as possible; in cases with similarly colored levels, however, we varied transparency to increase the contrasts between individual levels): (a) Map of the North Plaza and Group MP16 (light gray areas indicate looters' pits; test pit ST8B in Structure R27-69 produced no Preclassic construction levels; test pit ST29C in Structure R27-61 was only excavated to the original floor); (b) South profile of test pit ST8A into the center of North Plaza's platform (field drawing by P. Rodas); (c) East profile of test pit ST8E into Structure R27-67; (d) South profile of cleared looter's pit ST29A into Structure R27-57; (e) East profile of test pit ST29B into the plaza of Dos Ceibas Group MP16 (field drawing by C. Vela).

thickness of 0.5 m, consists of a dense brown clay-rock mix that was built on paleosoil. Domestic artifacts litter the surface of Structure R27-62's second floor. These include the neck of an unslipped jar, a partial Flor Cream dish, numerous remains of rodents, larger bone splinters, and carbon (Figure 6; inset in Figure 5). Unlike the fewer artifacts in the fill above, these artifacts and features are on or embedded in the gravel floor and were left behind when the building was rebuilt. They represent food trash and attest to the residential use of Structure R27-62. The rodents presumably died there searching for food.

The matrixes of Dos Ceibas's Preclassic constructions vary in color and constitution. Structure R27-62's two construction fills have brown hues and lack artifacts, unlike the Preclassic fills in Group MP16 and in the rest of the North Plaza. These differences set the two plazas and their buildings apart and point to differentiating practices. At the same time, they are less visible from the outside, where the hamlet in its entirety stood out from the black soil and green vegetation.

We suggest that Dos Ceibas's founders intentionally emplaced themselves. The brownish clays of their

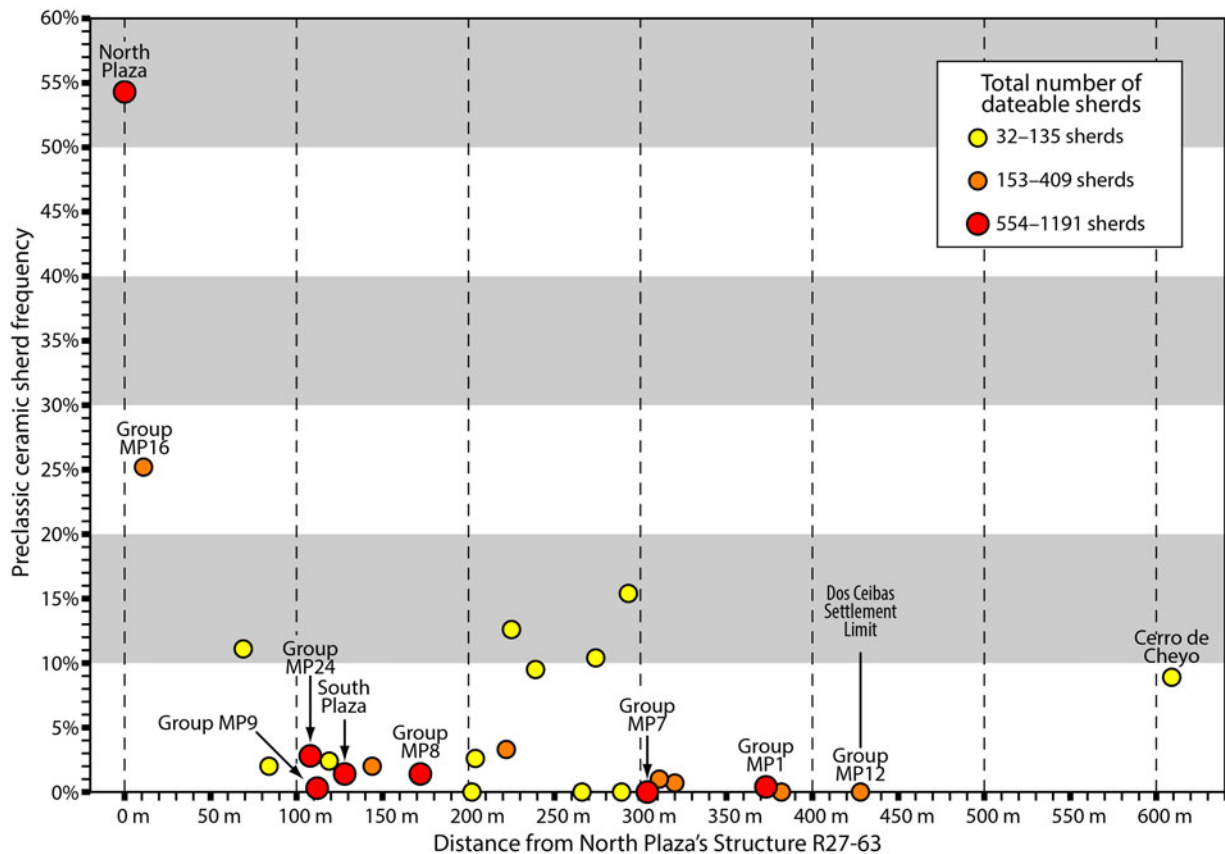


Figure 4. Spatial distribution of Preclassic sherd frequencies at Dos Ceibas (each data point summarizes the investigations in a group; the nearby site of Cerro de Cheyo is shown for comparative purposes; Eberl diagram).

constructions set the settlement apart visually, making it look similar from the outside while marking internal differences. These local resources illustrate the deep native knowledge and interlace the human settlement with its surrounding landscape (Fisher 2023). A comparable construction technique with multicolored sands has been noted at Aguada Fénix much earlier and on a much more elaborate scale (Inomata et al. 2020:531). The rockshelter as clay source may allude to the Maya origin story—most famously shown in San Bartolo’s murals (Saturno et al. 2005:14–41)—in which humankind’s ancestors step out of a cave and bring the gifts of civilization into the world (see also Eberl 2017:113–117). Hauling differently colored sediments to the site resonates with and possibly foretells Classic Maya notions of foundation (Martin 2020:118–132). In relevant narratives, founders arrive from often mythically charged places of origin such as rockshelters and physically constitute them.

People’s acts created Dos Ceibas. Discussions of place-making often focus on the locale and its material qualities. Above, we shifted to the making—that is, how people emplace themselves. We argue that the Late Preclassic foundation of Dos Ceibas coincided with the development of a new subjectivity (Paynter 1989:383). Through their plazas and platforms, people created a public sphere and enabled new types of social interactions.

Negotiating differences

Kinship provides a powerful rhetoric to unite and differentiate people. In the Maya area, ancestor worship is ritually important and confers economic benefits (Douglass 2002:7–8; Isaac 1996; McAnany 1992, 1993, 1995:96–97). Models propose the emergence of “early ritual areas” in which domestic compounds of founders turn into ceremonial places over time (e.g., Canuto 2016:482, 503–505; Powis and Cheetham 2007; Rice 2017:138). For us, places are not a priori ritualistic but gather significance from repetitive practices (also Robin 2013:158). In the following, we argue that Dos Ceibas’s internal differences not only increased over time but also materialized in differential building activity. They may have originated with the veneration of the site’s founders as ancestors. In the following, we discuss the transformation of Structure R27-63 and the North Plaza.

Dos Ceibas’s eventual focal building—Structure R27-63—grew from a shrine to a small pyramid over the course of the Late Preclassic period (Figure 3). Our survey mapped two levels that reach a height of 3.5 m above the North Plaza. A monumental stairway with five steps (individual boulders are up to 0.6 m wide) leads to the first level. Looters uncovered at least two burials on top of the pyramid but did not continue deeper into the dense fill below the burials. Takeshi Inomata and Daniela Triadan cleared the

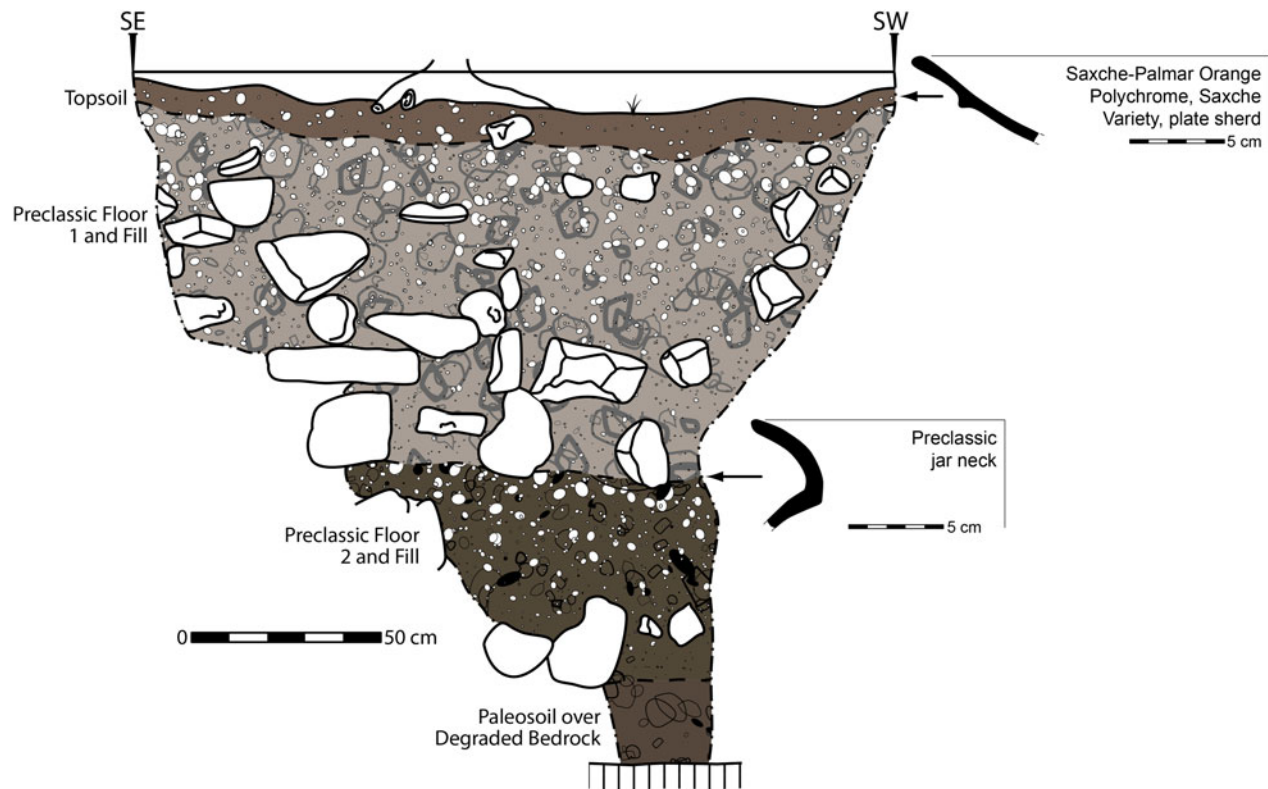


Figure 5. South profile of the test pit into North Plaza's Structure R27-62 (vectorized profile drawing by Omar Schwendener with Eberl drawings of sherd profiles; colors approximate the Munsell Color that was measured in the field as closely as possible; in cases with similarly colored levels, however, we varied transparency to increase the contrasts between individual levels); the insets show an Early Nacimienta (Tepeu 1) plate sherd and the neck of an unslipped jar at the approximate depth of their discovery.

looters' pit and continued with a test pit into the center of the pyramid (Figure 7). They stopped the excavation before reaching bedrock due to reduced space and the possibility of collapse (for excavation details, see Eberl 2014:199–202).

Structure R27-63 is a Preclassic building except for Floor 1 and the intrusive Late Classic burials (Table 2). Floors 2–7 consist of dense brownish clay mixed with limestone rocks similar to Preclassic constructions elsewhere in the region (Inomata 2008:145–146). Associated ceramics date these floors to the Late Preclassic period between 350 B.C. and A.D. 250. Structure R27-63 started as a simple platform. After Floor 5 had been leveled, a wall of irregular rocks was added in the eastern center. We interpret the wall as the base of a recessed second level and the earliest evidence for the two-level layout of the building's final version. A Preclassic incense burner sherd—the only example from the entire site—attests to the ceremonial nature of Structure R27-63 (inset in Figure 7). It likely came from Floor 2 or its fill, and it dates to the end of the Late Preclassic construction sequence. Multiple construction episodes, the form change, and the evidence for rituals attest to Structure R27-63's gradual transformation from platform to pyramid.

The North Plaza in front of Structure R27-63 grew similarly over the course of the Late Preclassic period. The terrain slopes to the west and required a 1.5 m high leveling platform. Various excavations have enabled the reconstruction of its construction history (Figure 3; for excavation

details, see Eberl 2014:196–198). The Late Preclassic predecessor of the North Plaza has roughly the same east–west extension as its Late Classic version, but it was smaller in the north–south direction. In particular, the plaza did not reach Structure R27-62, the Preclassic domestic building. The test pit in the southern center of the North Plaza exposed two Preclassic construction stages (Figure 3b). The builders first leveled the plaza with a gravel floor. They later added a 0.1 m high step that runs parallel to Structure R27-63 and probably led toward it as part of a stepped platform.

The North Plaza began as a residential group, with two buildings and a plaza in between. Above, we discussed that Structure R27-62 likely served residential purposes. Structure R27-63's location on the east side of the North Plaza suggests that it may have begun as a household shrine (see also Becker 1971, 1972, 1991, 2003, 2004, 2014). Over the course of the Late Preclassic period, the residential group acquired ceremonial and public functions.

Dos Ceibas's Preclassic inhabitants likely built the North Plaza. Each of Structure R27-63's Preclassic construction episodes added several dozen cubic meters of fill (Table 2). Labor estimates suggest that each floor required between 77 and circa 262 person-days of construction. North Plaza's Preclassic platform represents 1,275 person-days of labor. The total labor effort of 72.6 person-years shows that only a few workers were needed to build Structure

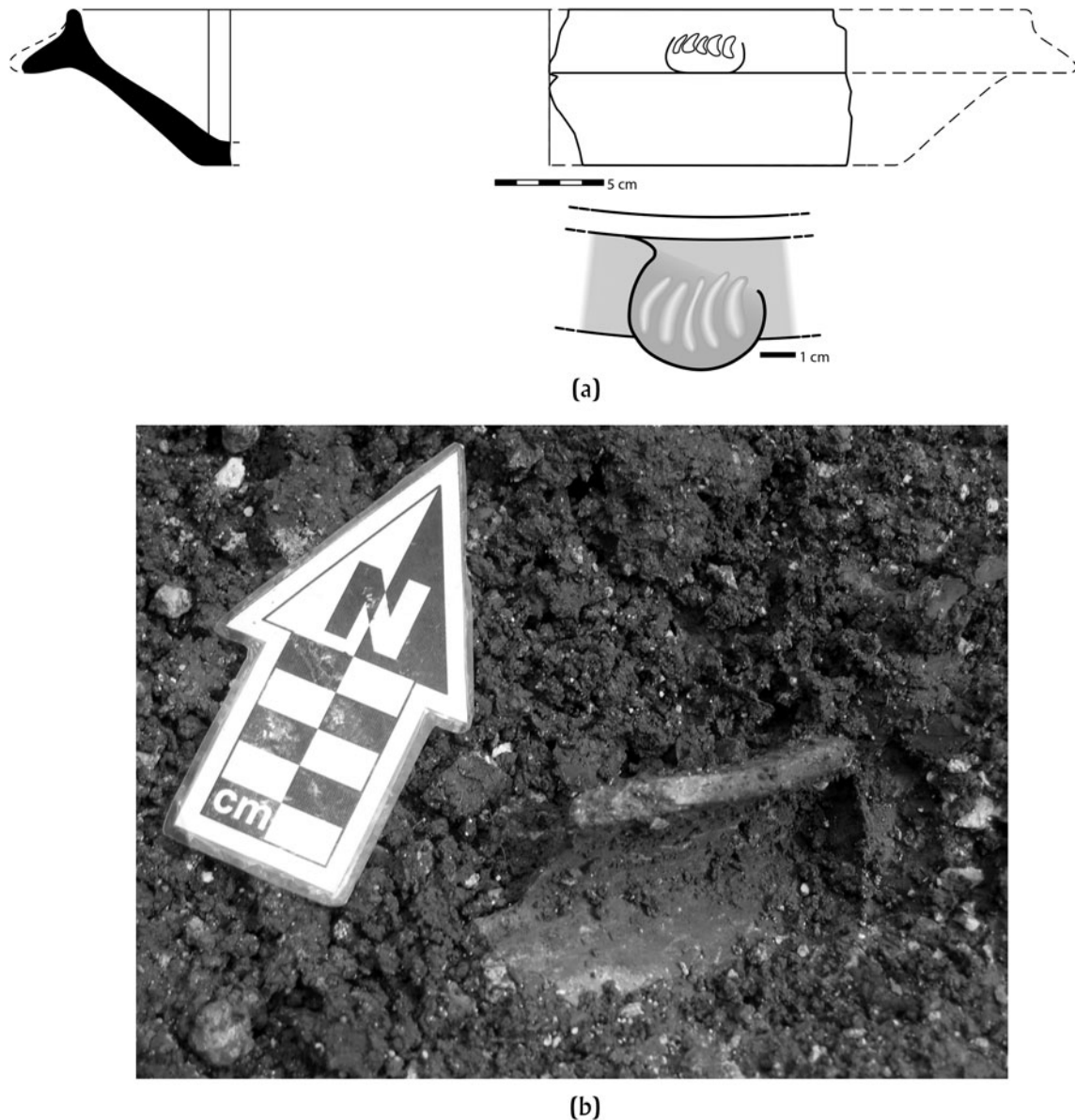


Figure 6. Artifacts from the second Preclassic floor surface of Structure R27-62 (Eberl photo and drawing): (a) Jar neck; (b) Partial Floor Cream dish with a paw-like projection on the flange.

R27-63 and the North Plaza. Enough people were likely living in Dos Ceibas during the Late Preclassic period to shoulder these constructions. Yet, the rapid expansion of North Plaza's platform suggests that the entire community—not only the inhabitants of the North Plaza—chipped in.

Our investigations at Dos Ceibas support the idea that early ritual areas emerge from domestic compounds of founders (e.g., Canuto 2016:482, 503–505; Powis and Cheetham 2007; Rice 2017:138). Structure R27-62 and the North Plaza exemplify the transformation. Their multiple construction episodes echo community-based building projects elsewhere (Joyce 2004:18–19; Pauketat 2000). The North Plaza eventually outgrew domestic needs. Its last Preclassic version has an area of at least 1,200 m², and about 333 people could assemble on it (based on a crowd estimate of 3.6 m² per person, after Inomata 2006). This estimate

exceeds the few families that lived in Dos Ceibas's Preclassic hamlet and likely even the total regional population (see discussion below). Public areas in the later village and at nearby sites are similarly oversized (Eberl 2014:227, Table 9.2). They likely accommodated multiple uses—from ceremonies, politics, and trade to sports—unlike more specialized plazas in urban centers.

During the Late Preclassic period, Dos Ceibas formed a community centered around a pyramid and a plaza (for a contemporary transformation of a comparable community, see Robin 2013:109). The outward appearance of integration hides inequality. This tension is discernible in Dos Ceibas's construction history. Although the North Plaza saw extension and growth over the course of the Late Preclassic, Group MP16 remained stagnant. This process of diversification was more subtle than, for example, Paso de la Amada,

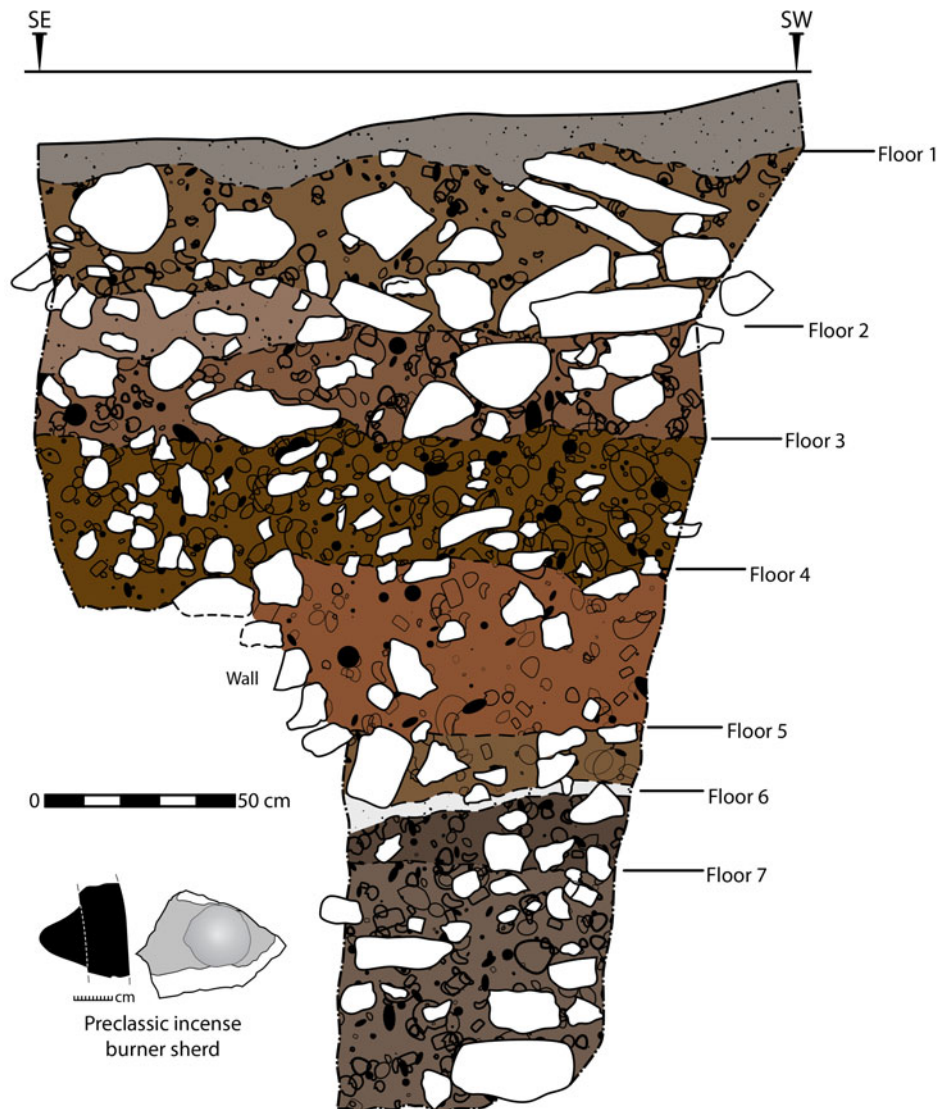


Figure 7. South profile of the test pit into North Plaza's Structure R27-63 (field drawing by D. Triadan, vectorized by Omar Schwendener; colors approximate the Munsell Color that was measured in the field as closely as possible); (inset) Preclassic incense-burner sherd from the looter's backfill (Eberl sherd drawing; due to its rarity, the sherd remains without type designation; compare to Adams 1971:53; Rice 1999:31–32; Sabloff 1975:60, Figure 70).

where a private building was arguably enlarged into a chief's residence over time (Blake 1991). At Dos Ceibas, inhabitants expand not a residence but the potential shrine of the site's founders. They may have then employed ancestor worship in differential ways. In later times, the dead become partially anonymous ancestors or merge with supernatural beings (Eberl 2005:130–135); their veneration brings the wider community together, especially through jointly celebrated events. Yet, people do not forget their closeness to the founders and can use it to set themselves apart (see also Vadala and Walker 2020). Tikal Stela 31 exemplifies these two aspects of Maya ancestors. The dead father of Sihyaj Chan K'awiil II observes his son's coronation from the heavens. Bearing the features of the Sun God, he shines on all participants. At the same time, his headdress includes his name—Yax Nuun Ahiin I—as a reminder of

Sihyaj Chan K'awiil's privileged relationship to him. Our interpretation differs from Robin's (2013:166–167) application of Blanton and colleagues' (1996) individual- versus group-oriented strategies with respect to ancestor veneration. From our perspective, Maya dead allow for both strategies by becoming partially generalized ancestors while retaining their identifying features.

Late Preclassic interactions in the Petexbatun region

Husserl's concept of empathy rests on social interaction. *Einfühlung* is directed at other people (see discussion above). At Preclassic Cerros, two types of interaction have been proposed to explain the emergence of community. According to the interaction sphere model, Cerros's inhabitants exchanged goods, people, and ideas with other communities in the

Table 2. Estimated labor expenditures for the construction of Dos Ceibas Structure R27-63 and the North Plaza (Eberl table).

	Average Thickness	Volume Added	Person-Days ^a	Person-Years ^b	Construction Date
Floor 1	0.50 m	102.1 m ³	217	7.2	Late Classic
Floor 2	0.24 m	50.8 m ³	108	3.6	Late Preclassic
Floor 3	0.35 m	73.0 m ³	155	5.2	Late Preclassic
Floor 4	0.46 m	94.4 m ³	201	6.7	Late Preclassic
Floor 5	0.17 m	36.3 m ³	77	2.6	Late Preclassic
Floor 6	0.19 m	40.5 m ³	86	2.9	Late Preclassic
Floor 7	≥0.64 m	≥128.1 m ³	≥272	≥9.1	Late Preclassic
North Plaza		~600 m ³	1275	42.5	Late Preclassic (2 construction episodes)

^aAt least 2.125 person-days of labor were needed for every cubic meter of fill. This includes 1.67 person-days for quarrying, 0.25 person-days for transportation, and 0.21 person-days for fill construction (based on Abrams 1984:149–154, 160–162, 180). This estimate excludes specialized labor, such as the making of veneer stones and façade dressing, because of the unclear Preclassic appearance of Structure R27-63. Abrams's numbers reflect Late Classic construction techniques, and I assume that the latter are comparable to the much denser Preclassic fills.

^bPerson-years assume that every farmer can set aside one month or 30 spare days annually for nonagricultural work. The latter number is based on the agricultural cycle for traditional hoe agriculture in modern Tepoztlán (Lewis 1951:156).

lowlands (Freidel 1979). These regional interactions across social boundaries spread innovations. Alternatively, Vadela and Walker (2020) propose interactions among the site's inhabitants across time. By passing their localized knowledge from one generation to the next, Cerros's inhabitants created new institutions such as ancestor worship and materialized them in their built environment. We reconceptualize these two types of social interactions as bordering and bonding. With bordering, we mean interactions that make people realize differences with others and identify who belongs to their community and who does not. The resulting border sets spatially separate groups apart. Community members also exclude fellow members. Intimate understandings of each other can lead to ostracizing, marginalizing, and even expelling misfits (Benedict and Benedict 1982; Okely 1975). Among Mesoamerican peoples, this aspect of bordering is most prominent as nagualism (Foster 1944; Nash 1967; Villa Rojas 1963; Vogt 1969; see also Groark 2008). With bonding, we refer to interactions through which people build sameness. Its basis is the recognition of similarities as part of empathy (see above). Bonding goes beyond that. By identifying shared characteristics and by negotiating which ones are relevant for a specific community, people essentialize sameness. Bordering and bonding are complementary and mutually reinforcing processes.

Several farming settlements coexisted during the Late Preclassic in the Petexbatun region (Figure 1). Dos Ceibas's inhabitants had neighbors at Aguateca, Punta de Chimino, and Bayak (Supplemental Text 2; Bachand 2006; Inomata 2008:129–136; O'Mansky 1996; O'Mansky et al. 1994; Van Tuerenhout et al. 1993). They could reach others within a few hours by walking or paddling a canoe. Despite their spatial proximity, they encountered settlements that looked remarkably different (Figure 8).

Closest to Dos Ceibas was Aguateca's Late Preclassic settlement at the Guacamaya Group (Figure 8a; Inomata 2008:129–136). Platforms with potential residences on top surround a 6 m high pyramid (Structure K6-1). A few kilometers farther north is Punta de Chimino (Figure 8b;

Bachand 2006). By the Late Preclassic period, a 1–2 m high acropolis supported a large main plaza, a possible E Group, and pyramidal Structure 6. The latter impressed less with its 3 m height and more with its 600 m² extension. Bayak features 17 buildings dispersed loosely along the edge of the Petexbatun Lake (Figure 8c; O'Mansky 1996). Structure 10 is the largest building with a height of 3–4 m. A wide terrace in front of its south side seems to have offered the only formal public space or plaza at Bayak.

Dos Ceibas, Aguateca, Bayak, and likely Punta de Chimino formed separate Late Preclassic communities (Supplemental Text 2). We argue that their architectural differences reflect attempts to set boundaries and to reinforce community identities. Dos Ceibas Structure R27-63 and its six Late Preclassic construction episodes exemplifies the localized and long-term investments of time and effort to create a community focus (see also Joyce 2004). The Petexbatun region's Preclassic settlements were smaller than centers elsewhere, but they did not grow in isolation. Monumental architecture such as pyramids and E Groups as well as public plazas are well-known characteristics of Preclassic centers across the Maya Lowlands. The size of Punta de Chimino's and Dos Ceibas's plazas likely exceeded the needs of the local population and allowed gatherings with outsiders. We argue that these social interactions involved community members of comparable wealth, status, and occupations and were not yet steered by an elite. In this regard, we differ from Bachand (2006), who argues that Preclassic elites at Punta de Chimino ruled over satellite communities elsewhere. Our comparisons show, though, that all four Preclassic sites differ in their layout and other details; in addition, Bayak was likely the largest Preclassic settlement in the Petexbatun region (Figure 8; Supplemental Text 2).

Community as new subjectivity

In *The Domestication of Europe*, Hodder (1990) argues that Old World farmers domesticated plants and animals and, in the

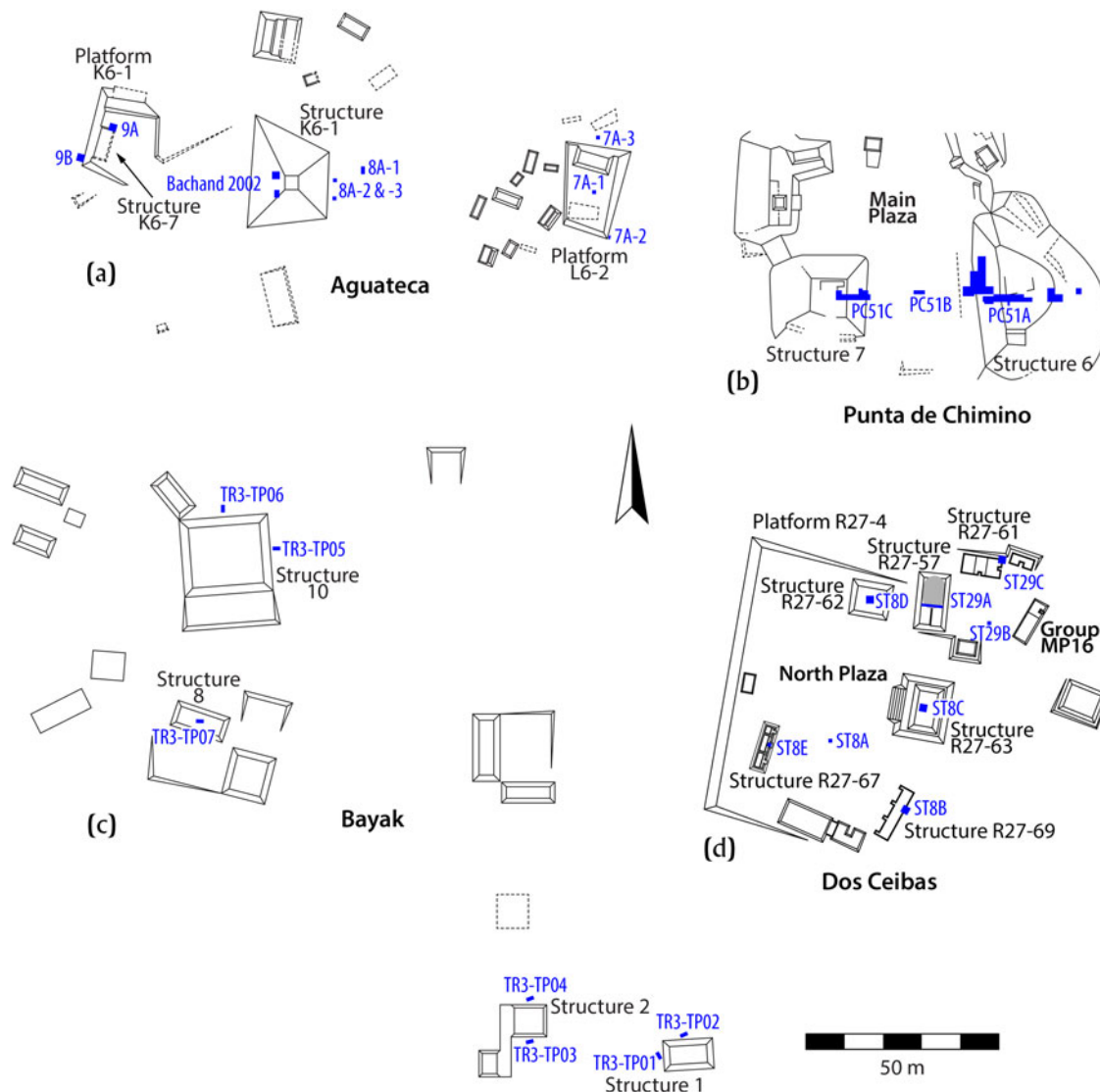


Figure 8. Preclassic settlements in the Petexbatun region (all shown to the same scale; labels identify buildings that have been investigated; blue areas mark excavations): (a) Aguateca's Group Guacamaya (the exact locations of test pits 8A-2 and -3 are uncertain; map based on Inomata 2008:130, Figure 3.116); (b) Punta de Chimino's Main Plaza (map based on Bachand 2006:82, Figure 6); (c) Bayak (exact test pit locations are uncertain; map based on O'Mansky et al. 1994:429, Figura 42.15); (d) Dos Ceibas's North Plaza and Group MP16 (Eberl map).

process, created a new world and worldview, exemplified by the *domus*. We argue for the emergence of a similarly new subjectivity among the Preclassic inhabitants of Dos Ceibas (see also Paynter 1989:383). Based on Husserl's concept of empathy, we critique equating similarity with sameness. People recognize others as foreign egos based on their bodies and behaviors, but they do not mistake them for themselves or overlook socioeconomic differences. Empathy allows people to become community members. At the same time, they negotiate continuing differences among community members. The creation of community is an ongoing political process. Instead of assuming an essential list of shared characteristics, we emphasize how they become essentialized. We apply this model to the Late Preclassic hamlet of Dos Ceibas in the Petexbatun region. We argue that Dos Ceibas's Preclassic inhabitants developed a new sense of being as

community members. We ask how they materialized community, how they created unity in a political process, and how they employed bordering and bonding interactions. Our conceptual framework allows for context-specific forms of community. Farmers may interact with and perceive each other differently than foragers do; their forms of emplacement and their subjectivities will likely vary as well.

Our investigations at Dos Ceibas allow reconstructing a Preclassic hamlet consisting of at least three Late Preclassic buildings and two plazas. Two platforms (Structures R27-57 and R27-62) likely had residential uses. Structure R27-63 and the North Plaza formed—at least in their eventual configuration—a ceremonial and public sphere. The unusually large North Plaza provided space for communal events as well as interactions with visitors from elsewhere (see also Robin 2013:109).

Dos Ceibas's settlement history shows that the North Plaza originates as a residential group. Over at least six construction episodes, locals transformed Structure R27-63 from a platform (and possible household shrine) to a small pyramid. They also expanded the North Plaza. These developments fit the emergence of early ritual areas elsewhere in the Maya Lowlands. The privileged inclusion of one domestic building (Structure R27-62) in this emerging ritual complex alludes to incipient stratification. The builders' focus on the North Plaza rather than on Group MP16 materializes inherent differences that may reflect differential ancestor worship. Celebrating ancestors in the sense of generalized predecessors allows people to bring their community together. At the same time, they do not forget their line of descent and can leverage their proximity to founders to set themselves apart.

Through centuries of work, Dos Ceibas's inhabitants established a localized identity. They lived in walking distance from three Late Preclassic settlements. Their neighbors emplaced themselves differently and each created a locally unique architectural appearance. The architectural diversity suggests distinct community identities. After the Late Preclassic period, or A.D. 250, Dos Ceibas was likely abandoned for centuries, and its Preclassic community withered only to be resurrected in a different form around A.D. 600. These synchronic and diachronic processes emphasize the continual creation and re-creation of communities.

Acknowledgments. We thank three anonymous reviewers for their critical remarks and suggestions on how to improve earlier drafts. Licentiate Ervin Salvador López, Maestro Erick Ponciano, and Licentiate Juan Carlos Pérez at Guatemala's Instituto de Antropología e Historia graciously provided work permits (esp. Convenio 17-2008) and gave permission for the publication of this article. Omar Schwendener and Pablo Rodas supervised excavations in Dos Ceibas's center. Omar Schwendener vectorized most of the field drawings.

Funding statement. The National Science Foundation supported Eberl's initial investigations under Dissertation Improvement Grant No. 0514563 (with E. Wyllys Andrews, V as PI). Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation. Funding for later investigations came from the Middle American Research Institute and the Roger Thayer Stone Center for Latin American Studies at Tulane University.

Competing interests. The authors declare no potential conflict of interest.

Data availability statement. No original data were used.

Supplemental materials. Supplemental Text 1. Reconstructing the spatial extension of Dos Ceibas's Preclassic hamlet.

Supplemental Text 2. Preclassic settlements at Aquateca, Bayak, and Punta de Chimino.

Supplemental Figure 1. Spatial distribution of Preclassic rim-sherd frequencies at Dos Ceibas (measured as the percentage among all datable sherds; each data point summarizes the investigations in a group; the nearby site of Cerro de Cheyo is shown for comparative purposes).

Supplemental Figure 2. Ceramic sherd densities on the surface and in the topsoil at Dos Ceibas; labels identify groups with Preclassic sherds.

To view supplementary material for this article, please visit <https://doi.org/10.1017/S0956536124000117>

References cited

- Abrams, Elliot M.
1984 *Systems of Labor Organization in Late Classic Copan, Honduras: The Energetics of Construction*. Ph.D. dissertation, Department of Anthropology, Pennsylvania State University, College Station.
- Adams, Richard E. W.
1971 *The Ceramics of Altar de Sacrificios*. Peabody Museum, Harvard University, Cambridge.
- Anderson, Benedict R.
2006 *Imagined Communities. Reflections on the Origin and Spread of Nationalism*. Revised 2nd ed. Verso, London.
- Andrews, Michael F.
2004 Edmund Husserl: Empathy and the Transcendental Constitution of the World. In *Does the World Exist?*, edited by Anna-Teresa Tymieniecka, pp. 217–237. Analecta Husserliana. Springer, Dordrecht.
- Awe, Jaime J., Claire E. Ebert, W. James Stemp, Kathryn M. Brown, Lauren A. Sullivan, and James F. Garber
2021 Lowland Maya Genesis: The Late Archaic to Late Early Formative Transition in the Upper Belize River Valley. *Ancient Mesoamerica* 32(3):519–544.
- Bachand, Bruce R.
2002 Estudio de la ocupación Preclásica. In *Informe Trimestral (Julio, Agosto, Septiembre de 2002) del Proyecto de Restauración Aquateca Segunda Fase: Programa Complementario*, edited by Oscar Santos, Takeshi Inomata, and Erick M. Ponciano. Institute of Anthropology and History, Guatemala City.
2006 *Preclassic Excavations at Punta de Chimino, Petén, Guatemala: Investigating Social Emplacement on an Early Maya Landscape*. Ph.D. dissertation, University of Arizona, Tucson.
- Becker, Marshall J.
1971 *The Identification of a Second Plaza Plan at Tikal, Guatemala, and Its Implications for Ancient Maya Social Complexity*. Unpublished Ph.D. dissertation, University of Pennsylvania.
1972 Plaza Plans at Quirigua, Guatemala. *Katunob* 8(2):47–62.
1991 Plaza Plans at Tikal, Guatemala, and at Other Lowland Maya Sites: Evidence for Patterns of Culture Change. *Cuadernos de Arquitectura Mesoamericana* 14:11–26.
2003 Plaza Plans at Tikal: A Research Strategy for Inferring Social Organization and Processes of Cultural Change at Lowland Maya Sites. In *Tikal: Dynasties, Foreigners and Affairs of State*, edited by Jeremy A. Sabloff, pp. 253–280. School of American Research Press, Santa Fe.
2004 Maya Heterarchy as Inferred from Classic-Period Plaza Plans. *Ancient Mesoamerica* 15(1):127–138.
2014 Plaza Plans and Settlement Patterns: Regional and Temporal Distributions as Indicators of Cultural Interactions in the Maya Lowlands. *Revista Española de Antropología Americana* 44(2):305–336.
- Benedict, Marion, and Burton Benedict
1982 *Men, Women, and Money in Seychelles*. University of California, London.
- Bentley, R. Alexander
2022 Prehistory of Kinship. *Annual Review of Anthropology* 51:137–154.
- Blackmore, Chelsea
2011 Ritual among the Masses: Deconstructing Identity and Class in an Ancient Maya Neighborhood. *Latin American Antiquity* 22(2):159–177.
- Blake, Michael
1991 An Emerging Early Formative Chiefdom at Paso de la Amada, Chiapas, Mexico. In *The Formation of Complex Society in Southeastern Mesoamerica*, edited by William R. Fowler, Jr., pp. 27–46. CRC Press, Boca Raton.
- Blanton, Richard E., and Lane F. Fargher
2008 *Collective Action in the Formation of Pre-Modern States*. Springer, New York.
- Blanton, Richard E., Gary M. Feinman, Stephen A. Kowalewski, and Peter N. Peregrine
1996 A Dual-Processual Theory for the Evolution of Mesoamerican Civilization. *Current Anthropology* 37(1):1–14.
- Bourdieu, Pierre
1977 *Outline of a Theory of Practice*. Cambridge University Press, Cambridge.

- Canuto, Marcello A.
2016 Middle Preclassic Maya Society: Tilting at Windmills or Giants of Civilization? In *The Origins of Maya States*, edited by Loa Traxler and Robert J. Sharer, pp. 461–506. University of Pennsylvania, Philadelphia.
- Canuto, Marcello A., and Jason Yaeger (editors)
2000 *The Archaeology of Communities: A New World Perspective*. Routledge, London.
- Carballo, David M., and Gary M. Feinman
2016 Cooperation, Collective Action, and the Archeology of Large-Scale Societies. *Evolutionary Anthropology* 25(6):288–296.
- Carsten, Janet (editor)
2000 *Cultures of Relatedness: New Approaches to the Study of Kinship*. Cambridge University Press, Cambridge.
- Clare, Lee
2020 Göbekli Tepe, Turkey. A Brief Summary of Research at a New World Heritage Site (2015–2019). *e-Forschungsberichte des DAI* 2:81–88.
- Cobb, Charles R.
2005 Archaeology and the “Savage Slot”: Displacement and Emplacement in the Premodern World. *American Anthropologist* 107(4):563–574.
- Demarest, Arthur A., and Stephen D. Houston
1989 *El Proyecto Arqueológico Regional Petexbatún: Informe preliminar #1*. Instituto de Antropología e Historia, Guatemala City.
- Demarest, Arthur A., Juan Antonio Valdés, and Héctor L. Escobedo Ayala
1994 *Proyecto Arqueológico Regional Petexbatún: Informe preliminar #6*. Instituto de Antropología e Historia, Guatemala City.
- Demarest, Arthur A., Héctor L. Escobedo Ayala, and Matt O’Mansky
1996 *Proyecto Arqueológico Punta de Chimino 1996, Informe Preliminar*. Instituto de Antropología e Historia, Guatemala City.
- Derrida, Jacques
2011 *Voice and Phenomenon: Introduction to the Problem of the Sign in Husserl’s Phenomenology*. Translated by Leonard Lawlor. Northwestern University Press, Evanston.
- Douglass, John G.
2002 *Hinterland Households: Rural Agrarian Household Diversity in Northwest Honduras*. University of Colorado Press, Boulder.
- Duranti, Alessandro
2010 Husserl, Intersubjectivity and Anthropology. *Anthropological Theory* 10(1–2):16–35.
- Durkheim, Émile
1984 *The Division of Labor in Society*. Translated by W. D. Halls. Free Press, New York.
- Eberl, Markus
2005 *Muerte, entierro y ascensión: Ritos funerarios entre los antiguos Mayas*. Libros científicos tratados. Universidad Autónoma de Yucatán, Mérida.
2014 *Community and Difference: Change in Late Classic Maya Villages of the Petexbatun Region*. Vanderbilt Institute of Mesoamerican Archaeology Studies Series. Vanderbilt University Press, Nashville.
2017 *War Owl Falling. Innovation, Creativity, and Culture Change in Ancient Maya Society*. University Press of Florida, Gainesville.
- Eberl, Markus, María de los Ángeles Corado, Claudia M. Vela González, Takeshi Inomata, Daniela Triadan, Jenny Guerra Ruiz, and Alejandro Seijas
2009 El asentamiento Preclásico del sitio arqueológico Dos Ceibas en la región del Petexbatún, Guatemala. *Mexicon* 31(6):134–141.
- Eberl, Markus, Sven Gronemeyer, and Claudia M. Vela González
2023 The Early Classic Genesis of the Royal Maya Capital of Tamarindito. *Latin American Antiquity* 34(1):40–58.
- Ensor, Bradley E.
2013a *The Archaeology of Kinship: Advancing Interpretation and Contributions to Theory*. University of Arizona Press, Tucson.
2013b *Crafting Prehispanic Maya Kinship*. University of Alabama Press, Tuscaloosa.
- Fargher, Lane F., and Verence Y. Heredia Espinoza (editors)
2016 *Alternate Pathways to Complexity: A Collection of Essays on Architecture, Economics, Power, and Cross-Cultural Analysis*. University of Colorado Press, Boulder.
- Feinman, Gary M., and David M. Carballo
2018 Collaborative and Competitive Strategies in the Variability and Resilience of Large-Scale Societies in Mesoamerica. *Economic Anthropology* 5(1):7–19.
- Fisher, Chelsea
2023 Monumentality as Traditional Ecological Knowledge in the Northern Maya Lowlands. *Antiquity* 97(392):386–402.
- Flannery, Kent V. (editor)
1970 *Preliminary Archaeological Investigations in the Valley of Oaxaca, Mexico, 1966–1969*. A Report to the National Science Foundation and the Instituto Nacional de Antropología e Historia. Mimeographed. University of Michigan Museum of Anthropology, Ann Arbor.
- Foias, Antonia E., and Ronald L. Bishop
2013 *Ceramics, Production, and Exchange in the Petexbatun Region: The Economic Parameters of the Classic Maya Collapse*. Vanderbilt Institute of Mesoamerican Archaeology series. Vanderbilt University Press, Nashville.
- Foster, George M.
1944 Nagualism in Mexico and Guatemala. *Acta Americana* 2:85–103.
- Freidel, David A.
1979 Culture Areas and Interaction Spheres: Contrasting Approaches to the Emergence of Civilization in the Maya Lowlands. *American Antiquity* 44(1):36–54.
- Gillespie, Susan D.
2000a Beyond Kinship: An Introduction. In *Beyond Kinship: Social and Material Reproduction in House Societies*, edited by Rosemary A. Joyce and Susan D. Gillespie, pp. 1–21. University of Pennsylvania Press, Philadelphia.
2000b Rethinking Ancient Maya Social Organization: Replacing “Lineage” with “House.” *American Anthropologist* 102(3):467–484.
- Godelier, Maurice
2011 *The Metamorphoses of Kinship*. Translated by Nora Scott. Verso Books, London.
- Golden, Charles W., and Andrew K. Scherer
2013 Territory, Trust, Growth and Collapse in Classic Period Maya Kingdoms. *Current Anthropology* 54(4):397–435.
- Groark, Kevin P.
2008 Social Opacity and the Dynamics of Empathic In-Sight among the Tzotzil Maya of Chiapas, Mexico. *Ethos* 36(4):427–448.
- Guengerich, Anna
2017 Domestic Architecture and the Materiality of Public-Making in Pre-Columbian Eastern Peru. *Journal of Social Archaeology* 17(3):263–284.
- Halperin, Christina T.
2017 Anthropological Archaeology in 2016: Cooperation and Collaborations in Archaeological Research and Practice. *American Anthropologist* 119(2):284–297.
- Heidegger, Martin
1962 *Being and Time*. Translated by John Macquarrie and Edward Robinson. HarperSanFrancisco, San Francisco.
- Hermberg, Kevin
2006 *Husserl’s Phenomenology: Knowledge, Objectivity and Others*. Continuum, London.
- Hodder, Ian
1990 *The Domestication of Europe: Structure and Contingency in Neolithic Societies*. Basil Blackwell, Oxford.
- Husserl, Edmund
1960 *Cartesian Meditations: An Introduction to Phenomenology*. Translated by Dorion Cairns. Martinus Nijhoff, The Hague.
1969 *Formal and Transcendental Logic*. Translated by Dorion Cairns. Martinus Nijhoff, The Hague.
1970 *The Crisis of European Sciences and Transcendental Phenomenology: An Introduction to Phenomenology*. Translated by David Carr. Northwestern University Press, Evanston.
1989 *Ideas Pertaining to a Pure Phenomenology and to a Phenomenological Philosophy*. Translated by Richard Rojcewicz and André Schuwer. Second Book: Studies in the Phenomenology of Constitution. Kluwer, Dordrecht.
- Inomata, Takeshi
2006 Plazas, Performers, and Spectators. Political Theaters of the Classic Maya. *Current Anthropology* 47(5):805–842.
2008 *Warfare and the Fall of a Fortified Center: Archaeological Investigations at Aguateca*. Vanderbilt Institute of Mesoamerican Archaeology Series. Vanderbilt University Press, Nashville.
2010 The Temporal and Spatial Distribution of Ceramics. In *Burned Palaces and Elite Residences of Aguateca: Excavations and Ceramics*, edited by Takeshi Inomata and Daniela Triadan, pp. 163–179.

- Monograph of the Aguateca Archaeological Project First Phase, Takeshi Inomata and Daniela Triadan, general editors. University of Utah Press, Salt Lake City.
- Inomata, Takeshi, Jessica MacLellan, Daniela Triadan, Jessica Munson, Melissa Burham, Kazuo Aoyama, Hiroo Nasu, Flory Pinzón, and Hitoshi Yonenobu
2015 Development of Sedentary Communities in the Maya Lowlands: Coexisting Mobile Groups and Public Ceremonies at Ceibal, Guatemala. *Proceedings of the National Academy of Sciences of the United States of America* 112(14):4268–4273.
- Inomata, Takeshi, Ashley E. Sharpe, Juan Manuel Palomo, Flory Pinzón, Hiroo Nasu, Daniela Triadan, Brendan J. Culleton, and Douglas J. Kennett
2022 Radiocarbon Dates of Burials from Ceibal and Other Pasión Maya Sites, Guatemala, and the Examination of Freshwater Reservoir Effect through Diet Reconstruction. *Journal of Archaeological Science: Reports* 44:103506. DOI: 10.1016/j.jasrep.2022.
- Inomata, Takeshi, Daniela Triadan, Kazuo Aoyama, Victor Castillo, and Hitoshi Yonenobu
2013 Early Ceremonial Constructions at Ceibal, Guatemala, and the Origins of Lowland Maya Civilization. *Science* 340(6131):467–471.
- Inomata, Takeshi, Daniela Triadan, Verónica A. Vázquez López, Juan Carlos Fernández-Díaz, Takayuki Omori, María Belén Méndez Bauer, Melina García Hernández, Timothy Beach, Clarissa Cagnato, Kazuo Aoyama, and Hiroo Nasu
2020 Monumental Architecture at Aguada Fénix and the Rise of Maya Civilization. *Nature* 582(7813):530–533.
- Isaac, Barry L.
1996 Approaches to Classic Maya Economics. *Research in Economic Anthropology* 17:297–334.
- Jennings, Justin, and Timothy K. Earle
2016 Urbanization, State Formation, and Cooperation: A Reappraisal. *Current Anthropology* 57(4):474–493.
- Johnston, Kevin J.
2006 Preclassic Maya Occupation of the Itzan Escarpment, Lower Río de la Pasión, Petén, Guatemala. *Ancient Mesoamerica* 17(2):177–201.
- Joyce, Rosemary A.
2004 Unintended Consequences? Monumentality as a Novel Experience in Formative Mesoamerica. *Journal of Archaeological Method and Theory* 11(1):5–29.
- Joyce, Rosemary A., and Susan D. Gillespie (editors)
2000 *Beyond Kinship: Social and Material Reproduction in House Societies*. University of Pennsylvania Press, Philadelphia.
- Kintigh, Keith W., Jeffrey H. Altschul, Mary C. Beaudry, Robert D. Drennan, Ann P. Kinzig, Timothy A. Kohler, W. Frederick Limp, Herbert D. G. Maschner, William K. Michener, Timothy R. Pauketat, Peter Peregrine, Jeremy A. Sabloff, Tony J. Wilkinson, Henry T. Wright, and Melinda A. Zeder
2014 Grand Challenges for Archaeology. *Proceedings of the National Academy of Sciences of the United States of America* 111(3):879–880.
- Lévi-Strauss, Claude
1987 *Anthropology and Myth: Lectures 1951–1982*. Translated by Roy Willis. Basil Blackwell, Oxford.
1982 *The Way of the Masks*. Translated by Sylvia Modelski. University of Washington Press, Seattle.
- Lewis, Oscar
1951 *Life in a Mexican Village: Tepoztlán Restudied*. University of Illinois Press, Urbana.
- Lohse, Jon C.
2010 Archaic Origins of the Lowland Maya. *Latin American Antiquity* 21(3):312–352.
2020 Archaic Maya Matters. In *The Maya World*, edited by Scott R. Hutson and Traci Ardren, pp. 11–28. Routledge, New York.
- Maine, Henry S.
1861 *Ancient Law: Its Connection with the Early History of Society, and Its Relation to Modern Ideas*. John Murray, London.
- Marcus, Joyce
2003 Monumentality in Archaic States: Lessons Learned from Large-Scale Excavations of the Past. In *Theory and Practice in Mediterranean Archaeology: Old World and New World Perspectives*, edited by John K. Papadopoulos and Richard M. Leventhal, pp. 115–134. Cotsen Institute of Archaeology, University of California, Los Angeles.
- Marshall, Yvonne
2000 Transformations of Nu-u-chah-nulth Houses. In *Beyond Kinship: Social and Material Reproduction in House Societies*, edited by Rosemary A. Joyce and Susan D. Gillespie, pp. 73–102. University of Pennsylvania Press, Philadelphia.
- Martin, Simon
2020 *Ancient Maya Politics: A Political Anthropology of the Classic Period, 150–900 CE*. Cambridge University Press, New York.
- McAnany, Patricia A.
1992 A Theoretical Perspective on Elites and the Economic Transformation of Classic Period Maya Households. In *Understanding Economic Process*, edited by Sutti Ortiz and Susan Lees, pp. 85–103. University Press of America, Lanham.
1993 The Economics of Social Power and Wealth among Eighth-Century Maya Households. In *Lowland Maya Civilization in the Eighth Century A.D.*, edited by Jeremy A. Sabloff and John S. Henderon, pp. 65–89. Dumbarton Oaks, Washington, DC.
1995 *Living with the Ancestors: Kinship and Kingship in Ancient Maya Society*. University of Texas Press, Austin.
- Morgan, Kim
1994 Investigaciones de la Cancha de Balón en Punta de Chimino: Suboperación Pc14. In *Proyecto Arqueológico Regional Petexbatún: Informe Preliminar #6*, edited by Arthur A. Demarest, Juan Antonio Valdés, and Héctor L. Escobedo Ayala, pp. 375–387. Instituto de Antropología e Historia, Guatemala City.
1996 Excavaciones en el Juego de Pelota. In *Proyecto Arqueológico Punta de Chimino, 1996. Informe Preliminar*, edited by Arthur A. Demarest, Héctor L. Escobedo Ayala, and Matt O'Mansky, pp. 28–38. Instituto de Antropología e Historia de Guatemala, Guatemala City.
- Munson, Jessica L., and Flory Pinzón
2017 Building an Early Maya Community: Archaeological Investigations at Caobal, Guatemala. *Ancient Mesoamerica* 28(1):265–278.
- Nash, June
1967 The Logic of Behavior: Curing in a Maya Indian Town. *Human Organization* 26(3):132–140.
- Okely, Judith
1975 Gypsy Women: Models in Conflict. In *Perceiving Women*, edited by Shirley Ardener, pp. 55–86. Dent, London.
- O'Mansky, Matt
1996 Zonas interiores relacionado con la ocupación de Punta de Chimino: El proyecto de asentamientos intersticios 1996. In *Proyecto Arqueológico Punta de Chimino 1996: Informe Preliminar*, edited by Arthur A. Demarest, Héctor L. Escobedo, and Matt O'Mansky, pp. 107–115. Instituto de Antropología e Historia, Guatemala City.
- O'Mansky, Matt, Q. Joshua Hinson, Robert Wheat, and Kay Sunahara
1994 Excavaciones de transectos anteriores. In *Proyecto Arqueológico Regional Petexbatún, Informe Preliminar #6 (Sexta Temporada)*, edited by Arthur A. Demarest, Juan Antonio Valdés, and Héctor L. Escobedo, pp. 407–446. Instituto de Antropología e Historia, Guatemala City.
- Pauketat, Timothy R.
2000 The Tragedy of Commoners. In *Agency in Archaeology*, edited by Marcia-Anne Dobres and John E. Robb, pp. 113–129. Routledge, New York.
2007 *Chiefdoms and Other Archaeological Delusions*. University of Alabama Press, Tuscaloosa.
- Paynter, Robert
1989 The Archaeology of Equality and Inequality. *Annual Review of Anthropology* 18:369–399.
- Powis, Terry G., and David Cheetham
2007 From House to Holy: Formative Development of Civic-Ceremonial Architecture in the Maya Lowlands. *Research Reports in Belizean Archaeology* 4:177–186.
- Rice, Prudence M.
1999 Rethinking Classic Lowland Maya Pottery Censers. *Ancient Mesoamerica* 10(1):25–50.
2017 The E Group as Timescape: Early E Groups, Figurines, and the Sacred Almanac. In *Maya E Groups: Calendars, Astronomy, and Urbanism in the Early Lowlands*, edited by David A. Freidel, Arlen F. Chase, Anne S. Dowd, and Jerry Murdock, pp. 135–176. University Press of Florida, Gainesville.

- Robin, Cynthia
2013 *Everyday Life Matters: Maya Farmers at Chan*. University Press of Florida, Gainesville.
- Rosenswig, Robert M.
2015 A Mosaic of Adaptation: The Archaeological Record for Mesoamerica's Archaic Period. *Journal of Archaeological Research* 23(2):115–162.
2019 Mesoamerica's Archaic Period. In *Encyclopedia of Global Archaeology*, edited by Claire Smith, pp. 1–14. Springer, Cham.
- Sabloff, Jeremy A.
1975 *Excavations at Seibal, Department of Petén, Guatemala: Ceramics*. Memoirs of the Peabody Museum of Archaeology and Ethnology. Peabody Museum of American Archaeology and Ethnology, Harvard University, Cambridge.
- Sahlins, Marshall
2013 *What Kinship Is - and Is Not*. University of Chicago Press, Chicago.
- Sartre, Jean-Paul
1939 Une idée fondamentale de la «Phénoménologie» de Husserl, l'intentionnalité. *La Nouvelle Revue Française* 304:129–132.
- Saturno, William A., Karl A. Taube, and David Stuart
2005 *The Murals of San Bartolo, El Petén, Guatemala. Part 1: The North Wall*. Ancient America. Center for Ancient American Studies, Barnardville.
- Smith, Adam T.
2003 *The Political Landscape: Constellations of Authority in early Complex Polities*. University of California Press, Berkeley.
- Tönnies, Ferdinand
1887 *Gemeinschaft und Gesellschaft: Abhandlung des Communismus und des Socialismus als empirischer Culturformen*. Fues's Verlag (R. Reisland), Leipzig.
- Trigger, Bruce G.
1990 Monumental Architecture: A Thermodynamic Explanation of Symbolic Behaviour. *World Archaeology* 22(2):119–132.
- Vadala, Jeffrey R., and Debra S. Walker
2020 The Rapid Rise and Fall of Cerros Belize: A Generational Approach to Chronology. *Latin American Antiquity* 31(1):143–162.
- Van Tuerenhout, Dirk R., Hope Henderson, Paul Maslyk, and Robert Wheat
1993 Recorrido en la Región de Petexbatún: Temporada 1993. In *Proyecto Arqueológico Regional Petexbatún, Informe Preliminar #5 (Quinta Temporada)*, edited by Juan Antonio Valdés, Antonia Foias, Takeshi Inomata, Héctor L. Escobedo, and Arthur A. Demarest, pp. 81–87. Instituto de Antropología e Historia, Guatemala City.
- Villa Rojas, Alfonso
1963 El nagualismo como recurso de control social entre los grupos mayances de Chiapas, México. *Estudios de Cultura Maya* 3:243–260.
- Vogt, Evon Z.
1969 *Zinacantán: A Maya Community in the Highlands of Chiapas*. Harvard University Press, Cambridge.
- Walker, Debra S. (editor)
2023 *Pre-Mamom Pottery Variation and the Preclassic Origins of the Lowland Maya*. University Press of Colorado, Boulder.
- Watanabe, John M.
1992 *Maya Saints and Souls in a Changing World*. University of Texas Press, Austin.
- Weber, Max
1968 *Economy and Society: An Outline of Interpretive Sociology*. Translated by Ephraim Fischhoff, Hans Gerth, A. M. Henderson, Ferdinand Kogler, C. Wright Mills, Talcott Parsons, Max Rheinstein, Guenther Roth, Edward Shils, and Claus Wittich. Bedminster Press, New York.
- Wiley, Gordon R.
1973 *The Altar de Sacrificios Excavations: General Summary and Conclusions*. Peabody Museum of Archaeology and Ethnology. Harvard University, Cambridge.
- Wolley, Claudia
1991 Sondeos en Punta de Chimino: Un centro fortificado del Clásico Tardío y Terminal. In *Proyecto Arqueológico Regional Petexbatún, Informe Preliminar #3 (tercera temporada)*, edited by Arthur A. Demarest, Takeshi Inomata, Héctor L. Escobedo, and Joel Palka, pp. 558–587. Instituto de Antropología e Historia, Guatemala City.
- Wolley, Claudia, and Lori E. Wright
1990 Punta de Chimino: Sondeos en el sistema defensivo. In *Proyecto Arqueológico Regional Petexbatún, Informe Preliminar #2 (segunda temporada)*, edited by Arthur A. Demarest and Stephen D. Houston, pp. 423–437. Instituto de Antropología e Historia, Guatemala City.
- Yaeger, Jason, and Marcello A. Canuto
2000 Introducing an Archaeology of Communities. In *The archaeology of Communities: A New World Perspective*, edited by Marcello A. Canuto and Jason Yaeger, pp. 1–15. Routledge, London.