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RETHINKING THE RURAL IN ANCIENT MAYA **STUDIES**

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Abstract

This Special Section provides a glimpse into the vitality of rural investigations in the Maya area by presenting recent archaeological research and interpretive perspectives on the ancient rural Maya. This introduction serves to contextualize the articles of this Special Section within and outside of academic discourse and practice. I start by reviewing the common ways in which rural people and places are essentialized, to underscore that these now unpopular ideas continue to implicitly pervade research priorities, definitions, and interpretations. I then provide a brief historical summary of rural research in the Maya area and some of its significant contributions to our current understandings of ancient rural Maya peoples. Finally, drawing from rural studies, I argue for greater theorization of rurality including how it was constituted, experienced, perhaps even perceived in the past, and its relationship to periurban, conurban, and urban life, and the continued existence and transformation of rural spaces and lifeways within increasingly urbanized societies. This introduction aims to invigorate further theoretical elaboration with regard to ancient Maya rurality and elicit archaeologists to place themselves and their work within the broader historical and cultural trends of how the rural is perceived and addressed.

INTRODUCTION

Building upon the last five decades of work that decenters scholarship of past urbanized societies by increasingly including rural people and places, this issue's Special Section presents recent archaeological research and interpretive perspectives on the ancient rural Maya (Figure 1). The aims of this Special Section are to provide a glimpse of the vitality of rural investigations in the Maya area and to further explore this work's potential for enhancing theoretical models and interpretations of ancient Maya societies. As heuristic categories, the terms "rural" and "urban" can be useful in communicating and comparing our findings. Yet, as a reductionist way of establishing meaning, such terms can also be deceptive and may inadvertently reinforce the dualisms embedded in our cultural perceptions and practices. Research within the Maya area, as well as in other past and contemporary cultures globally, has pointed out that the binary opposition of urban-rural is flawed due to the interdependencies and syncretic qualities of such settlements and their inhabitants. Notwithstanding, qualitative and quantitative differences have been noted between the country and the city, past and present. Therefore, the questions that guide the following contributions are: In what ways are rural relationships, embodied experiences, landscapes, and other materialities similar and/or different to non-rural contexts? What kinds of horizontal and vertical social relations did rural people maintain outside of their settlements of residence? What possibilities exist for discussing and defining rurality without reifying urban-rural and other associated dichotomies? How can rural archaeology enhance our reconstructions of the past and of theory building?

Although a few edited volumes and sole-authored books have focused on the rural ancient Maya, this Special Section differs from these publications in its breadth. The contributors present research across the Maya area, spanning from the Preclassic through the Classic to address diverse topics such as public rituals and spaces (see Ingalls and Yaeger 2022; Lamb 2022; Pantoja et al. 2020), physical mobility (see Fisher 2022; Lemonnier and Arnauld 2022), social inequality including health outcomes (see Lamb 2022; Lemonnier and Arnauld 2022; Pantoja et al. 2022; Tiesler and López Pérez 2022), place-making (see Fisher 2022; Ingalls and Yaeger 2022; Lamb 2022), rural resilience and longevity (see Ingalls and Yaeger 2022; Lamb 2022; McNeil et al. 2022; Pantoja et al. 2022; Valdez et al. 2022), and inter-polity relations (see Ingalls and Yaeger 2022; Lemonnier and Arnauld 2022; McNeil et al. 2022; Tiesler and López Pérez 2022; Valdez et al. 2022). The authors work at various scales of analysis, from individual buildings to interregional comparisons, using a variety of datasets including settlement and landscape patterns, architecture, portable goods, iconography and epigraphy, and human remains. Diverse theoretical approaches and concepts are applied, such as practice and agency, heterarchy, embodiment, historical ecology, political economy, and biocultural dialectics. While some are explicit in considering and even defining "rurality" (Fisher 2022; Ingalls and Yaeger 2022; Lamb 2022; Valdez et al. 2022), others do so more tacitly through comparing rural and city experiences and processes (Lemonnier and Arnauld 2022; McNeil et al. 2022; Tiesler and López Pérez 2022). Yet amidst this heterogeneity, the articles in this Special Section share the notions that rural sites are interesting places worthy of study, that the countryside is necessary to understand city and polity dynamics, and that rural people and places were integral in broader social processes of continuity and change, albeit in

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Figure I. Map of the Maya area showing locations of sites emphasized in the Special Section articles (noted in bold) and selected notable sites. Map by the author.

diverse ways. Moreover, when considered together, the following articles show that while the countryside and the city shared various characteristics, differences also existed between rural materialities, experiences, and relations and those of neighboring cities and urban centers.

In this introduction, I contextualize this Special Section within the historical trajectory of rural Maya archaeology, the interdisciplinary field of rural studies, and the culturally pervasive perceptions of "the rural." I start by reviewing the common ways in which rural people and places are essentialized, to underscore that, while no longer popular in academic scholarship, these ideas continue to implicitly permeate many research priorities, definitions, and interpretations. I then provide a brief historical summary of rural research in the Maya area and some of its significant contributions to our current understandings of ancient rural Maya. Finally, drawing from the interdisciplinary field of rural studies, I argue for greater theorization of rurality within ancient Maya scholarship and point to some topics that such a task may illuminate. As archaeologists move towards more relational understandings of ancient Maya society, rurality can provide explanatory power not only for those invested in rural research, but more generally for those interested in urbanized ancient societies.

RURAL STEREOTYPES AND URBAN-CENTRISM

The distinction between rural and urban is one of the most pervasive binaries, deeply embedded within cultural imaginaries and co-constituted through discourse, representation, public policy, and everyday practice. These binaries exist not only within the Western world (Ching and Creed 1997; Cloke 2006; Williams 1973; Woods 2011) but in many current urbanized societies throughout the globe, for example in Mexico (Broyles-Gonzales 2002; Napolitano 2002; Ramirez 2008;), China (Cohen 1993; Wang 2015; Yan 2003), Thailand (Charoensis-o-larn 2013; Ferguson 2010), Nigeria (Chigbu 2013), Zambia (Siwale 2014), and Senegal (Perry 2009). As Derrida (1972:56-57) has argued, dichotomies are not neutral-within them exists a hierarchy that favors one of the two opposing poles (see also Plumwood 1993). Thus, while mutual stereotyping and derision exists between urban and rural cultural spheres, the rural becomes "the urban's devalorized Other" (Yan 2003:viii). Most pervasive is the idea of the rural, in comparison to the city, as a place of limitation, stagnation, and ignorance.

Rural populations are commonly, although not universally, essentialized as socially conservative, uneducated, unsophisticated, dirty, poor, and isolated. Assumptions about the rural further include sexuality (Herring 2010), gender identity (Archetti 2007; Gutmann 2006: 59–64; Little 2002; Ramirez 2008:115–116) and race and ethnicity (Casteñada 2004; Litcher 2012; Panelli et al. 2009). For example, within Central America and Mexico, common stereotypes of rural people include that they are Indigenous or Afro-descendant, poor, technologically illiterate, homophobic, *machistas* (male chauvinist), and submissive in the case of women (Broyles-Gonzales 2002; Gutmann 2006; Johnson 2019; Ramirez 2008). Violence, radicalism, and drug production and trafficking (Castañeda 2004; Edelman 1998; Fitting 2011; Maldonado Aranda 2013) are also commonly associated with rural, particularly Indigenous, populations in these regions.

Like most stereotypes, perceptions of "the rural" operate through contradiction, simultaneously containing positive and negative elements. For example, common notions of the rural include idyllic landscapes, peacefulness, social familiarity and solidarity, and self-reliance. Some of these elements are idolized as representations of national identity or embodiments of cultural traditions and national essence, for example the *charro* in Mexico, the *gaucho* in Argentina, or the "family farm" in the United States (Archetti 2007; Broyles-Gonzales 2002; Fitting 2011; Ramirez 2008). Such romanticizing, however, supports notions of the rural as homogenous and static, and disguises the harsh realities experienced in many rural places, such as disproportionate rates of poverty and low health outcomes, inequitable land distribution, displacement, racism, genocide, and environmental degradation.

Because "all knowledge claims reflect and constitute the contexts of their production" (Wylie 2008:201; see also Chinchilla

2012; Gero 1985; Joyce 2008; La Salle 2010; Rocabado 2015; Trigger 1984, 1995), the rural-urban binary has also shaped Maya archaeology. The historical focus on large site centers certainly relates to the methodological and taphonomic constraints of working in the dense jungle vegetation and semitropical climate of the Maya area, as well as the difficulty of funding extensive largescale research. Notwithstanding these difficulties, however, some archaeologists were already investigating small house mounds by the early 1900s and, starting in the 1960s, settlement archaeologists recorded numerous features and settlements of all scales (see section Developments in Ancient Maya Rural Research for further discussion). Research in the past five decades and particularly since the early 1990s has radically changed our understandings of ancient Maya rural life, yet a significant portion of Maya scholarship continues to focus on cities and urban settings. While most archaeologists acknowledge that understanding ancient complex societies requires studying rural people, there are still comparatively few who foreground the significance of these populations. Even fewer position rural sites at the center of their investigations, as rural research is often subsumed within projects focusing on state formation, political organization, and collapse. An exception is that of the minor centers, settlements that are at the top of a region's hinterland settlement hierarchy and share characteristics with urban settlements (Iannone and Connell 2003), which have gained increased attention in the past 20 years. Yet understanding rurality necessitates intensive and long-term investigations of the full scope of the people and places that existed throughout the ancient Maya rural landscape. Thus, while traditional notions of peasants (e.g., Foster 1965; Marx 1963 [1869]; Redfield 1941, 1955; Wolf 1966) are no longer explicit in ancient Maya scholarship, city-centric biases continue to be embedded within our research questions, methodologies, theoretical frameworks, and interpretations (see also Erickson [2006] on the cultural assumptions undergirding archaeological perspectives on agricultural intensification).

Additionally, it is important to note that our research not only reflects the cultural contexts in which it is conducted, but also produces and reproduces such contexts. We must therefore consciously examine the ways that our research priorities and interpretations may support current urban-rural cultural hierarchies that are harmful to many of our host communities. More than simply misrepresenting the past, the use of the urban-rural binary, whether intended or unintended, legitimizes the marginalization and extraction of rural people (Ching and Creed 1997; Williams 1973) and reinforces racialized discourses and oppression within the nation-states in the Maya area (e.g., Montejo 2005).

My emphasis here on rural research is not a call to abandon scholarship on ancient Maya cities. Urbanism studies are as critical as rural research since the two mutually inform each other and, as shown by some of the following contributions, urban and rural life are interconnected and can be interdependent (Lemonnier and Arnauld 2022; also see Garrison et al. 2019; Hutson 2016; LeCount and Yaeger 2010; Yaeger 2003). For this reason, some scholars (e.g., Lemonnier and Arnauld 2022; Marcus 1983; Yaeger 2003) have argued that they should, in fact, be studied together. To do so, however, requires increasing the number and intensity of rural-focused investigations to comparably reach the abundance of information gained on major and secondary ancient Maya centers.

DEVELOPMENTS IN ANCIENT MAYA RURAL RESEARCH

Settlement, landscape, and household archaeology have been integral in the last 50 years in shifting Maya scholarship away from

urban- and elite-centric perspectives toward a more complete and nuanced scholarship by including rural people and places within interpretations of ancient Maya society. Rather than retrace the history of these subdisciplines within Maya research (for syntheses, see Ashmore 1981[2004]; Ashmore and Wilk 1988; Ashmore and Willey 1981; Dunning et al. 2018, 2020; Fedick 1996; Garrison 2020; Gonlin 2020; Robin 2003), I focus on some of their important contributions towards our current understandings of the ancient Maya, in particular, rural populations.

From its inception until the mid-twentieth century, archaeology in the Maya region—like in most other parts of the world—was heavily focused on the monumental centers of large site centers and their ruling elite. Although some early attention to house mounds (e.g., Thompson 1886, 1892) and mapping outside of site-cores (e.g., Bullard 1960; Ricketson and Ricketson 1937) had taken place, not until the mid-1960s did systematic regional survey in Maya archaeology begin to redress earlier sampling biases to include overall settlements, including rural areas (e.g., Carr and Hazard 1961; Kurjack 1974; Puleston 1974, 1983; Willey et al. 1965). Since then, survey efforts have demonstrated that sizeable populations inhabited large centers, their immediate surroundings, and intersite areas, where numerous hamlets, villages, and minor centers have been recorded.

Following the discoveries of intensive agricultural systems in the 1970s (Harrison and Turner 1978; Siemens and Puleston 1972; Turner 1974; Turner and Harrison 1983), subsistence and land-use strategies as well as environmental variability became integral to settlement research agendas. Researchers have documented, throughout diverse ecological areas, a range of intensive agricultural techniques, water-management systems, and other kinds of land-scape modifications that would have supported rural populations as well as the food needs of densely populated cities (Chase et al. 2010; Dunning and Beach 2010; Fedick 1996; Ford and Nigh 2009; Johnston 2004; Lentz and Hockday 2009; Sheets 2002).

Moreover, through formalized settlement classifications, archaeologists recognized significant variation among and between a range of settlements. Settlements identified as "rural" have been found to differ in their distance from larger centers, spatial organization, and architectural elements, some of which were originally assumed to exist in only major centers (Connell 2010; Hutson et al. 2015; Iannone and Connell 2003; Sheets et al. 2015; Walling et al. 2005; see also Fisher 2022; Ingalls and Yaeger 2022; Lemonnier and Arnauld 2022; McNeil et al. 2022; Valdez et al. 2022). These findings, along with the architectural variation identified within settlements, challenged earlier notions that sites within the same settlement rank were functionally and socially redundant and led many archaeologists to argue that ancient Maya social stratification was more complex than a two-class (elite versus commoners) model (Carmean 1991; Chase 1992; Hammond 1991; Hendon 1991; McAnany 1993; Sharer 1993). Thus, rural as well as non-elite settlements became vital sources of information for developing chronologically accurate models of population estimates, labor mobilization strategies, and political and economic organization.

The introduction of airborne LiDAR (Light Detection and Ranging) to the Maya region starting in the 2010s has enabled archaeologists to examine settlement patterns at previously unmatched regional scales. In addition to identifying numerous previously unrecorded sites and features, LiDAR data have further demonstrated extensive settlement densities and regional variation concerning site boundaries and intersite articulation (Beach et al. 2019; Canuto et al. 2018; Chase et al. 2010, 2014, 2016;

Garrison et al. 2019; Hutson et al. 2016; Inomata et al. 2017; Prufer et al. 2015; Stanton et al. 2020). These great strides in settlement visibility provided by LiDAR will hopefully lead to a growing number of extensive investigations of newly recorded or previously understudied rural sites and areas.

Household archaeology, as well as the study of intermediate scale social groups, has further underlined that the commoner-elite and rural-urban models are oversimplifications and that they cannot be mapped onto each other as socially and spatially discrete. These smaller scales of analysis have deepened our understanding of sociopolitical and economic dynamics of polities and regions provided by settlement studies. By considering rural people's daily lives, relationships, identities, and positionalities, they have provided us with a window into the rich and complex lives of those living outside of cities.

As summarized elsewhere (Lamb 2020), through the past and continued investigations including the contributions of this Special Section, our understandings of the rural ancient Maya have radically changed. Farming was an essential rural activity, as it was in most cities, yet rural residents pursued diverse livelihoods through a range of farming techniques and crops, resource specializations, and water-management systems (Dixon 2013; Johnston 2004; Sheets et al. 2012; see also Fisher 2022 and Valdez et al. 2022) and were also capable craft producers (Isaza Aizpurúa and McAnany 1999; Robin et al. 2014; Sheets 2000; VandenBosch et al. 2010; see also Lamb 2022; Pantoja et al. 2022; Valdez et al. 2022). They engaged in hierarchical and heterarchical economic systems of different scales, at times outside of the purview of regional capitals (Keller 2012; Kestle 2012; Potter and King 1995; Scarborough and Valdez 2009; Sheets 2000; VandenBosch et al. 2010; see also Lamb 2022; McNeil et al. 2022; Pantoja et al. 2022; Valdez et al. 2022). Rural people constructed differences of status, wealth, and authority which, while commonly less severe than distinctions in cities, were locally meaningful and impacted the wellbeing of individuals, households, and communities (Clayton 2013; Dixon 2013; Gonlin 1994; Kurnick 2016; Robin et al. 2014; Yaeger and Robin 2004; see also Ingalls and Yaeger 2022; Lamb 2022; Pantoja et al. 2022; Tiesler and López Pérez 2022; Valdez et al. 2022). They organized themselves in diverse intermediate scale social groups, including social entities similar to urban neighborhoods, socially constituted and imagined communities, lineages, and Houses (Canuto and Fash 2004; Canuto and Yaeger 2000; Eberl 2007; Fash 1983; Freter 2004; Hageman 2004; McAnany 1995; Robin 2012; see also Lemonnier and Arnauld 2022). Rural people were innovative ritual practitioners who strategically deployed sacred knowledge and performances also used by city dwellers, including those on top of the social pyramid (Gonlin and Lohse 2007; Hutson et al. 2018; Robin 2002; Zaro and Lohse 2005; see also Ingalls and Yaeger 2022; Lamb 2022; Valdez et al. 2022). And they were agents of social reproduction and change, integral to processes of social inequality, identity and social memory, urbanization, polity formation, and disintegration, as well as the longevity and transformations of rural places (Eberl 2007; Hutson et al. 2015; Lohse 2013; Mixter 2017; Robin 2012, 2013; Schwarz 2013; Yaeger 2000; see also Ingalls and Yaeger 2022; Lamb 2022; Lemonnier and Arnauld 2022; Tiesler and López Pérez 2022; Valdez et al. 2022). Rural research has blurred the spatial and social boundaries between the diverse yet articulated regional settlements, underlining commonalities between rural and city life while highlighting some of the specificities of life in the ancient Maya countryside.

In light of such blurred boundaries, how are we to make sense of rural heterogeneity and the shared aspects of rural and urban life and settlement patterns? The simplest solution is to be explicit about what is meant by "rural" and other categories (e.g., Canuto et al. 2018; Garrison et al. 2019; Iannone and Connell 2003; Tourtellot et al. 2003) and acknowledge the assumptions undergirding our definitions. Yet restricting ourselves to descriptions limits meaningful analyses of rural people, places, and processes, as well as topics not specific to the rural ancient Maya, such as social identities, human and material agency, political transformations, religion and cosmology, and environmental change. Engaging with rurality as a theoretical construct provides greater explanatory power for reconstructions of the ancient Maya past.

CONCEPTUALIZING RURALITY

The aim of this section is to incite further *deliberate* consideration of ancient Maya rurality. Some key terms are first clarified. I then synthesize how the interdisciplinary field of rural studies has approached rurality, which parallels some central anthropological debates and particularly the tensions between the different frameworks used in the case of ancient Maya rurality. I end by arguing how engaging with rurality as a theoretical concept can enhance our reconstructions of the ancient Maya past.

Definitions of the "rural" abound, varying over time and among scholars, disciplines, countries, and private and state institutions. Within Maya scholarship, spatial and demographic variables are the most widely used criteria for designating a settlement as rural, although not always explicitly (Lamb 2020). The thresholds used for these criteria, however, differ and thus what is designated as "rural" or "hinterland" is highly variable among publications. Because there is no consensus among the authors of this Special Section as to what constitutes "the rural," my goal here is not to provide a definition, which would potentially misrepresent some of the following contributions. Where the different authors do seem to agree is that spatial and demographic variables, while integral, are insufficient and instead must be considered in concert with social and material relations, locally and more broadly.

The terms "rural" and "hinterland" are often used interchangeably in Maya archaeology, although some authors prefer one over the other (Ingalls and Yaeger 2022; Lamb 2020). I emphasize the term rural—and at times "countryside" to avoid redundancy because ancient Maya cities and rural settlements were interconnected by much more than economic relations and because rural places and experiences were historically-contingent and not necessarily determined by spatial localities. While Ingalls and Yaeger (2022) are correct in warning that the term "rural" implies a juxtaposition with the urban, rural studies scholars tend to reject this essential dualism, and are reinterpreting the term "rural" and its many meanings. This parallels how numerous people from or who identify with rural places reclaim and strategically deploy identities like hillbilly, redneck, campesino, or ranchero (e.g., Broyles-Gonzales 2002; Costanza 2009; Edelman 1998; Fitting 2011; Hernandez 2014; Maldonado Aranda 2013; Roberts 2010). I consider the work presented within this Special Section in line with the broader body of scholarship and lay discourse that is rethinking rurality, its meanings, and how to represent it.

By rurality, I mean the qualitative and quantitative characteristics that can be used to describe rural people, places, and experiences or, as Halfacree (2009:449) simply puts it, "that which makes somewhere, someone, or something rural." Within rural studies, rurality

has been conceptualized through four general frameworks (Cloke 2006; Cunningham and Rosenberger 2014; Heley 2008; Marsden et al. 1990; Shucksmith and Brown 2016; Somerville and Bosworth 2014; Woods 2010, 2011). Each approach offers different insights and has both strengths and weaknesses—including their ability to be operationalized within archaeological investigations—that researchers should keep in mind when considering their questions, available datasets, and interpretive frameworks.

Functional or structural-functional approaches view the rural to have distinct functional characteristics, including agriculture, which engender quantitative differences (e.g., population densities and distance from large city) as well as a rural "way of life" (e.g., mechanical solidarity or self-reliance). Political economy approaches position the rural as a product of broader relations of power, particularly emphasizing the agrarian sector and extractive industries. Within anthropological scholarship specifically, peasant and community studies fit into these first two approaches. The constructivist approach deterritorializes the rural, viewing it as socially constructed (e.g., a political identity or a consumable product). Part of this "cultural turn" has focused on otherness and diversity in challenging generalized and homogenous representations and discourses of rural populations. Finally, a growing body of literature urges us to consider the rural as "more-than-representational" (Carolan 2008), using theories that rematerialize and reterritorialize the rural such as practice and agency, actor-network theory, embodiment, materiality, and dwelling (Carolan 2008; Cloke 2006; Edensor 2000, 2006; Halfacree 2006; Heley 2008; Lu and Qian 2020; Macpherson 2009; Woods 2010, 2011; Wylie 2005). These perspectives emphasize the rural as multifaceted and co-constituted by human and nonhuman actors, by discourses, embodied experiences, and material practices, and through both local and regional/global processes.

The notion of inherently distinct rural-urban cultures has long been critiqued and with Mesoamerican scholarship, some archaeologists have further contended that pre-Hispanic societies did not conceive of settlements, such as cities or villages, as culturally meaningful units (Hirth 2003; Marcus 1983). For example, Hirth (2003:63) argues, "throughout Mesoamerica, urban centers were not viewed as places qualitatively distinct and separate entities from the countryside as they were in western societies." To be sure, some contemporary case studies indicate that this distinction emerged through Western colonization and/or globalized cultural commodity exchanges (e.g., Ech-charfi and Azzouzi 2017; Ferguson 2010), although these categories and associated meanings are incorporated and transformed into locally meaningful practices and categories. Yet various studies (Cloke 2006; Jones 1995; Munkejord 2006; Thompson 2007) also underline the tension between academic critiques of the rural-urban dichotomy and the lay discourses and practices that (re)produce and transform such binaries. In other words, distinctions may not "objectively" exist, yet people do practice and experience them. Regardless of whether ancient Mayan languages included distinct spatial categories such as rural or city, these contexts could differ in their ecological landscapes, the size and density of buildings, the intensity of social differentiation, the types of rituals taking place, the degree of social familiarity, or the forms of economic exchange and distribution, among other examples (see Lamb [2020] for a more extensive review). If we consider the social and material interactions that constitute experience, identity, and place (sensu Tuan 2005), then the lack of emic designations of "rural" and "city" does not exclude the possibility that people would have recognized,

experienced, and attributed meaning to the qualitatively and quantitatively salient aspects of rural contexts (Fisher 2022; Hutson 2016; Lamb 2020). Conceptualizing rurality attempts to identify what these differences are, and how these relate to social structures, relationships, and processes within and beyond rural places.

Within Maya scholarship, rurality has taken a theoretical backseat to urbanization, urbanism, and urban neighborhoods (although notable exceptions include Garrison et al. (2019); Iannone and Connell (2003); Robin (2012, 2013); Schwartz and Falconer (1994); Yaeger (2003); Yaeger and Robin (2004)). Without remedying this situation, we run the risk of reifying the misconception of rural places and people as remnants of what has been "left-behind" by urbanization and therefore not requiring explanation. Yet rural settlements are not natural entities; they are maintained and transformed over time through external forces as well as local practices, choices, and relations. Moreover, the conditions of rural life and place constantly change alongside broader social, economic, and political relations, thus shifting in significant ways the material, spatial and social manifestations of rurality (see Fisher 2022; Ingalls and Yaeger 2022). Various case studies demonstrate that rural longevity and resilience can be explained beyond outdated notions of rurality as isolated and self-sustaining (e.g., Iannone et al. 2014; Robin 2012; Schwarz 2013; see also Ingalls and Yaeger 2022; Lamb 2022; McNeil et al. 2022). Discussing rural to urban migration among the ancient Maya, Hutson (2016) considers urban attractions as more likely factors than shortcomings of the countryside (see also Lemonnier and Arnauld [2022] on urban "pull factors"). In addition to their vulnerabilities and nuisances, rural towns, villages, and hamlets have attractive qualities and many people choose, whether "rationally" or tacitly, to stay in or move to the country. The contributions of this Special Section point to potential benefits of living outside the city, such as greater biological health for particular social groups; a wider range of ecological resources, including food; accessibility to multiple social and economic networks, including those outside the reach of regional centers; greater autonomy in ritual practices and local governance; fulfilling relations of obligations and reciprocity; and attachments to place, individuals, and local communities. However, our understanding of the factors leading people to choose rural life, as well as the push factors leading to urban outmigration, is still limited until more rural-focused research is conducted. Further inquiry into of what "makes somewhere, someone, or something rural" in the ancient Maya world may provide stronger explanations for the longevity and resilience of many ancient Maya rural settlements, the social dynamics of urban migration and urbanization, and shed light on who created, maintained, and transformed rural places.

How are we to make sense of the continued existence and transformation of rural spaces and lifeways? How are we to make sense of both the diversity of rural places and the shared aspects of rural, periurban, conurban, and urban life? The diverse collective presented in this Special Section illustrates how the notion of rural changes and blurs depending on our methods, theoretical approaches, and topics and timeframes studied. Rather than a locally circumscribed or universal definition of rurality, or loose talk of a generic "rural," what is in order are frameworks that recognize ancient Maya rurality as constituted by a complex assemblage of people, landscapes, relations, and experiences, that makes room for its diverse manifestations and transformations, its appeal and constraints, its vulnerabilities and resilience, and that can account for its endurance as societies become increasingly urbanized. Building such frameworks will enable us to better assess the diverse roles that rural people and places played within complex societies, and therefore develop more dynamic and inclusive models and interpretations of the past. Considerations of rurality further contribute to the relational approaches to various topics that have enjoyed recent or renewed popularity within Maya research, such as the constitution of place, social memory, embodied inequalities, urbanization, and non-human agency and personhood, particularly of plants, animals, and topographic features. Finally, through its access to deep human histories grounded in material remains and paleolandscapes, Maya archaeology may contribute to broader discussions within rural studies. As mentioned above, rural theorization and conceptualization is skewed toward the global north in the capitalist era, where discourses and representations of rurality are overt and pervasive. By examining a context in which discourses on the city and the countryside are limited if at all existent, an attention to ancient Maya rurality may provide a novel exploration concerning the embodiment, tacit performance, and materiality of rurality.

Critiquing past theories and pointing to gaps in scholarship is, of course, easy; the real work begins with finding adequate replacements. Hopefully, this Special Section will contribute to invigorating further theoretical elaboration regarding ancient Maya rurality, how it was constituted, experienced, perhaps even perceived in the past, and its place in broader social processes. Until then, a critical step is for scholars to clearly state what is meant by "rural" or other associated terms, thus facilitating mutually intelligible dialogue and fruitful comparisons among our datasets and interpretations.

RESUMEN

Con base en las investigaciones de las últimas cinco décadas, que han enfatizado no centrarse exclusivamente en las sociedades urbanizadas, por el contario, proponen incluir cada vez más a personas y lugares rurales, surge esta Sección Especial que presenta investigaciones arqueológicas recientes y perspectivas interpretativas sobre los antiguos Mayas rurales. Los objetivos de esta Sección Especial son demostrar la vitalidad de las investigaciones rurales en el área Maya y explorar más a fondo el potencial de este trabajo para mejorar los modelos teóricos y las interpretaciones de las antiguas sociedades Mayas. Como categorías heurísticas, los términos "rural" y "urbano" pueden ser útiles para comunicar y comparar nuestros hallazgos. Sin embargo, tales términos también pueden causar confusión y reforzar implícitamente los dualismos incluidos en nuestras percepciones y

prácticas culturales. Las investigaciones dentro del área Maya, así como de las culturas pasadas y contemporáneas a nivel mundial, han señalado que la oposición binaria de urbano-rural es defectuosa debido a las interdependencias y cualidades sincréticas de tales asentamientos y sus habitantes. No obstante, también se han observado diferencias cualitativas y cuantitativas entre el campo y la ciudad, pasado y presente. Por lo tanto, las preguntas que guían las contribuciones de esta Sección Especial son: ¿De qué manera las relaciones rurales, las experiencias vividas, los paisajes y otras materialidades son similares y/o diferentes a los contextos no-rurales? ¿Qué tipo de relaciones sociales, horizontales y verticales, mantuvo la población rural fuera de sus asentamientos de residencia? ¿Qué posibilidades existen para discutir y definir la ruralidad sin basarnos en las dicotomías urbano-rural y

otras asociadas? ¿Cómo puede la arqueología rural mejorar nuestras reconstrucciones del pasado, inclyendo nuestros modelos y teorías?

En este artículo introductorio contextualizo la investigación actual presentada en esta Sección Especial, tanto dentro, como fuera del discurso y la práctica académia. Comienzo revisando las formas comunes en que se perciben las personas y los lugares rurales, para subrayar que estas ideas ahora impopulares (lo rural como pobre, no sofisticado, aislado, homogéneo y socialmente conservador) continúan impregnando implícitamente las prioridades, definiciones e interpretaciones de la investigación. En particular, argumento que si bien, la mayoría de los arqueólogos reconocen que la comprensión de las antiguas sociedades complejas requiere del estudio de la población rural, sin embargo, son relativamente pocos los que destacan la importancia de estas poblaciones y aún menos los que ubican los sitios rurales en el centro de investigaciones extensas. Luego ofrezco un breve resumen histórico de la investigación rural en el área maya, incluyendo la

arqueología de asentamientos, paisajes y hogares, asi como también describo algunas de las formas significativas en que estos campos han cambiado radicalmente nuestra comprensión de los antiguos mayas rurales en los últimos cincuenta años. Finalmente, a partir de los estudios rurales, abogó por la necesidad de proponer teorías que traten a fondo el tema de la ruralidad, incluyendo definiciones y explicaciones como se han elaborado para el urbanismo y la urbanización. Dicha teorización puede incluir cómo se constituía, experimentaba y tal vez incluso como se percibía lo rural en la antigua sociedad maya, su relación con la vida periurbana, conurbana y urbana, así como también, la continua existencia y transformación de los espacios y formas de vida rurales dentro de sociedades cada vez más urbanizadas. Esta introducción tiene como objetivo fortalecer la elaboración teórica adicional con respecto a la antigua ruralidad maya y provocar que los arqueólogos se ubiquen a sí mismos y a sus trabajos dentro de las tendencias históricas y culturales más amplias de cómo se percibe y aborda lo rural.

ACKNOWLEDGMENTS

The majority of the articles in this Special Section derive from a symposium, titled "Reconceptualizing Rurality: Current Research in the Ancient Maya Hinterlands", which took place at the 83nd Annual Meeting of the Society for American Archaeology (Washington, DC, 2018). I wish to thank Jacob Welch, Jasper Waugh-Quasebarth, Daniel Vallejo-Calíz, Scott R. Hutson, Megan Parker, and three anonymous reviewers for their helpful comments on earlier drafts of this manuscript. All errors and omissions are my own. I am grateful for the support and encouragement from the editors of Ancient Mesoamerica, and especially Nan Gonlin for guiding me through the logistical waters from conference session to

special section. Finally, I would like to acknowledge my fellow contributors for their efforts, tenacity, and patience as this Special Section took shape across continents, and during the crises of COVID-19 and the continued state-sanctioned violence against Black Americans and those protesting police brutality. As archaeologists elucidate systems and experiences of oppression as well as empowerment of the ancient rural Maya, a pressing concern remains the well-being of the rural communities we work in, many of which are economically, political, and socially marginalized within their nation-states, and how our work can better serve them.

REFERENCES

Archetti, Eduardo P.

2007 Masculinity, Primitivism, and Power: Gaucho, Tango, and the Shaping of Argentine National Identity. In *Gender, Sexuality, and Power in Latin America since Independence*, edited by William E. French and Katherine Elaine Bliss, pp. 212–229. Rowman and Littlefield, Lanham.

Ashmore, Wendy

1981 Some Issues of Method and Theory in Lowland Maya Settlement Archaeology. In *Lowland Maya Settlement Patterns*, edited by Wendy Ashmore, pp. 37–70. University of New Mexico Press, Albuquerque.

2004 Classic Maya Landscapes and Settlement. In *Mesoamerican Archaeology*, edited by Julia A. Hendon and Rosemary A. Joyce, pp. 169–191. Blackwell, Oxford.

Ashmore, Wendy, and Gordon R. Willey

1981 A Historical Introduction to the Study of Lowland Maya Settlement Patterns. In *Maya Settlement Patterns*, edited by Wendy Ashmore, pp. 3–18. University of New Mexico Press, Albuquerque. Ashmore, Wendy, and Richard R. Wilk

1988 Household and Community in the Mesoamerican Past. In *Household and Community in the Mesoamerican Past*, edited by Richard R. Wilk and Wendy Ashmore, pp. 1–27. University of New Mexico Press, Albuquerque.

Beach, Timothy, Sheryl Luzzadder-Beach, Samantha Krause, Thomas Guderjan, Fred Valdez, Jr., Juan Carlos Fernandez-Diaz, Sara Eshleman, and Colin Doyle

2019 Ancient Maya Wetland Fields Revealed Under Tropical Forest Canopy from Laser Scanning and Multiproxy Evidence. *Proceedings* of the National Academy of Sciences 116:21469–21477.

Broyles-Gonzales, Yolanda

2002 Ranchera Music(s) and the Legendary Lydia Mendoza:
Performing Social Location and Relations. In *Chicana Traditions:*Continuity and Change, edited by Norma E. Cantú and Olga
Nájera-Ramírez, pp. 183–206. University of Illinois Press, Urbana.
Bullard, William R., Jr.

1960 Maya Settlement Pattern in Northeastern Peten, Guatemala. *American Antiquity* 25:355–372.

Canuto, Marcello A., Francisco Estrada-Belli, Thomas G. Garrison, Stephen D. Houston, Mary Jane Acuña, Milan Kováč, Damien Marken, Philippe Nondédéo, Luke Auld-Thomas, Cyril Castanet, David Chatelain, Carlos R. Chiriboga, Tomáš Drápela, Tibor Lieskovský, Alexandre Tokovinine, Antolín Velasquez, Juan C. Fernández-Díaz, and Ramesh Shrestha

2018 Ancient Lowland Maya Complexity as Revealed by Airborne Laser Scanning of Northern Guatemala. *Science* 361:eaau0137.

Canuto, Marcello A. and Jason Yaeger (editors)

2000 The Archaeology of Communities: A New World Perspective. Routledge, London.

Canuto, Marcello A., and William L. Fash

2004 The Blind Spot: Where Elite and Non-Elite Meet. In Continuities and Changes in Maya Archaeology: Perspectives at the Millennium, edited by Charles Golden and Greg Borgstede, pp. 47–70. Routledge, New York.

Carmean, Kelli

1991 Architectural Labor Investment and Social Stratification at Sayil, Yucatan, Mexico. *Latin American Antiquity* 2:151–165.

Carolan, Michael S.

2008 More-than-Representational Knowledge/s of the Countryside: How We Think as Bodies. *Sociologia Ruralis* 48:408–422.

Carr, Robert F., and James E. Hazard

1961 Map of the Ruins of Tikal, El Petén, Guatemala. Tikal Report No.
 11. University Museum Monograph. The University Museum, University of Pennsylvania, Philadelphia.

Castañada, Quetzil E.

2004 "We Are Not Indigenous!": An Introduction to the Maya Identity of Yucatan. *The Journal of Latin American Anthropology* 9:36–63.

Charoensis-o-larn, Chairat

2013 Redrawing Thai Political Space: The Red Shirt Movement. In *Cleavage, Connection, and Conflict in Rural, Urban, and Contemporary Asia*, edited by Tim Bunnell, D. Parthasarathy, and Eric C. Thompson, pp. 201–222. Springer, Dordrecht.

Chase, Arlen F.

1992 Elites and the Changing Organization of Classic Maya Society. In Mesoamerican Elites, edited by Diane Z. Chase and Arlen F. Chase, pp. 30–49. University of Oklahoma Press, Norman.

Chase, Arlen F., Diane Z. Chase, Jaime J. Awe, John F. Weishampel, Gyles Iannone, Holley Moyes, Jason Yaeger, Kathryn Brown, Ramesh L. Shrestha, William E. Carter, and Juan Fernandez Diaz

2014 Ancient Maya Regional Settlement and Inter-Site Analysis: The 2013 West-Central Belize LiDAR Survey. Remote Sensing 6: 8671–8695.

Chase, Arlen F., Diane Z. Chase, and John F. Weishampel

2010 Lasers in the Jungle: Airborne Sensors Reveal a Vast Maya Landscape. Archaeology 63:27–29.

Chase, Arlen F., Kathryn Reese-Taylor, Juan C. Fernandez-Diaz, and Diane Z. Chase

2016 Progression and Issues in the Mesoamerican Geospatial Revolution: An Introduction. *Advances in Archaeological Practice* 4: 219–231.

Chigbu, Uchendu Eugene

2013 Rurality as a Choice: Towards Ruralising Rural Areas in Sub-Saharan African Countries. Development Southern Africa 30: 812–825.

Chinchilla Mazariegos, Oswaldo

2012 Archaeology in Guatemala: Nationalist, Colonialist, Imperialist. In The Oxford Handbook of Mesoamerican Archaeology, edited by Deborah L. Nichols and Christopher A. Pool, pp. 55–68. Oxford University Press, Oxford.

Ching, Barbara, and Gerald W Creed (editors)

1997 Knowing Your Place: Rural Identity and Cultural Hierarchy. New York, Routledge.

Clayton, Sarah H.

2013 Hinterland Diversity and Ancient Maya Political Economy in Northwestern Belize. In Classic Maya Political Ecology: Resource Management, Class Histories, and Political Change in Northwestern Belize, edited by Jon C. Lohse, pp. 171–192. Costen Institute of Archaeology Press, Los Angeles.

Cloke, Pau

2006 Conceptualizing Rurality. In *The Handbook of Rural Studies*, edited by Paul Cloke, Terry Marsden, and Patrick Mooney, pp. 18–28. Sage Publications, London.

Cohen, Myron L.

1993 Cultural and Political Inventions in Modern China: The Case of the Chinese "Peasant." *Daedalus* 122:151–170.

Connell, Samuel V.

2010 A Community to Be Counted: Chaa Creek and the Emerging Xunantunich Polity. In *Classic Maya Provincial Politics: Xunantunich and Its Hinterlands*, edited by Lisa J. LeCount and Jason Yaeger, pp. 295–314. University of Arizona Press, Tucson.

Costanza, Jennifer Noel

2009 What's in a Frame? Interrogating Collective Identity Frames within Guatelama's Indigenous-Campesino Movement. Paper presented at the XXVIII International Congress of the Latin American Studies Association, Rio de Janeiro.

Cunningham, Sarah E., and Nancy R. Rosenberger

2014 Rural Anthropology. Oxford Bibliographies: Anthropology. Electronic document, http://www.oxfordbibliographies.com/view/document/obo-9780199766567/obo-9780199766567-0077.xml, accessed September 2, 2020.

Derrida, Jacques

1972 Positions. Les Éditions de Minuit, Paris.

Dixon, Christine Catherine

2013 Farming and Power: Classic Period Maya Manioc and Maize Cultivation at Ceren, El Salvador. Unpublished Ph.D. dissertation, Department of Anthropology, University of Colorado, Boulder.

Dunning, Nicholas P., and Timothy Beach

2010 Farms and Forests: Spatial and Temporal Perspectives on Ancient Maya Landscapes. In *Landscapes and Societies*, edited by I. Peter Martini and Ward Chesworth, pp. 369–389. Springer-Verlag, Berlin.

Dunning, Nicholas P., Timothy Beach, Elizabeth Graham, David Lentz, and Sheryl Luzzadder-Beach

2018 Maize, Manioc, Mamay, and More: Precolumbian Lowland Maya Agriculture. In *The Archaeology of Caribbean and Circum-Caribbean Farmers* (6000 BC–AD 1500), edited by Basil A. Reid, pp. 329–352. Routledge, London.

Dunning, Nicholas P., Timothy Beach, and Sheryl Luzzadder-Beach 2020 Ancient Maya Agriculture. In *The Maya World*, edited by Scott R. Hutson and Traci Ardren, pp. 229–248. Routledge, London. Eberl. Markus

2007 Community Heterogeneity and Integration: The Maya Sites of Nacimiento, Dos Ceibas, and Cerro de Cheyo (El Peten, Guatemala) during the Late Classic. Ph.D. dissertation, Department of Anthropology, Tulane University, New Orleans.

Ech-Charfi, Ahmed, and Lamyae Azzouzi

2017 Ethnic Stereotypes and Lexical Semantics: The Emergence of the Rural/Urban Opposition in Moroccan Arabic. In *Sociolinguistics in African Contexts: Perspectives and Challenges*, edited by Augustin Ebongue and Ellen Hurst, pp. 147–169. Springer, Cham.

Edelman, Marc

1998 "Campesinos" and "Técnicos": New Peasant Intellectuals in Central American Politics. In Knowing Your Place: Rural Identity and Cultural Hierarchy, edited by Barbara Ching and Gerald W. Creed, pp. 131–148. Routledge, New York.

Edensor, Tim

2000 Walking in the British Countryside: Reflexivity, Embodied Practices and Ways to Escape. Body and Society 6:81–106.

2006 Performing Rurality. In *Handbook of Rural Studies*, edited by Paul Cloke, Terry Marsden, and Patrick Mooney, pp. 484–495. Sage Publications, London.

Erickson, Clark L.

2006 Economy, and the Farming Community: In Defense of a Bottom-Up Perspective of the Past. In *Agricultural Strategies*, edited by Joyce Marcus and Charles Stanish, pp. 233–265. Cotsen Institute of Archaeology Press, Los Angeles.

Fash, William L.

1983 Deducting Social Organization from Classic Maya Settlement Patterns: A Case Study from the Copán Valley. In Civilization in the Ancient Americas: Essays in Honor of Gordon R. Willey, edited by Richard Leventhal and Alan L. Kolata, pp. 261–288. University of New Mexico Press, Albuquerque.

Fedick, Scott

1996 The Managed Mosaic: Ancient Maya Agriculture and Resource Use. University of Utah Press, Salt Lake City.

Ferguson, Jane M.

2010 Another Country Is the Past: Western Cowboys, Lanna Nostalgia, and Bluegrass Aesthetics as Performed by Professional Musicians in Northern Thailand. *American Ethnologist* 37:227–240.

Fisher, Chelsea

2022 Walking Rural in Tzacauil, Yucatan, Mexico. *Ancient Mesoamerica* 33:148–161.

Fitting, Elizabeth

2011 The Struggle for Maize: Campesinos, Workers, and Transgenic Corn in the Maya Countryside. Duke University Press, Durham.

Ford, Anabel, and Ronald Nigh

2009 Origins of the Maya Forest Garden: Maya Resource Management. *Journal of Ethnobiology* 29:213–236.

Foster, George

1965 Peasant Society and the Image of Limited Good. American Anthropologist 67:293–315.

Freter, Ann Corinne

2004 Multiscalar Model of Rural Households and Communities in Late Classic Copan Maya Society. Ancient Mesoamerica 15:93–106.

Garrison, Thomas

2020 Settlement Patterns. In *The Maya World*, edited by Scott R. Hutson and Traci Ardren, pp. 250–268. Routledge, London.

Garrison, Thomas, Stephen D. Houston, and Omar Alcover Firpi

2019 Recentering the Rural: Lidar and Articulated Landscapes among the Maya. *Journal of Anthropological Archaeology* 53:133–146.

Gero, Joan

1985 Socio-Politics and the Woman at Home Ideology. *American Antiquity* 50:342–350.

Gonlin, Nancy

1994 Rural Household Diversity in Late Classic Copan, Honduras. In Archaeological Views from the Countryside: Village Communities in Early Complex Societies, edited by Glenn M. Schwartz and Steven E. Falconer, pp. 177–197. Smithsonian Institution Press, Washington, DC.

2020 Household Archaeology of the Classic Period Lowland Maya. In The Maya World, edited by Scott R. Hutson and Traci Ardren, pp. 389–405. Routledge, London.

Gonlin, Nancy, and Jon C. Lohse (editors)

2007 Commoner Ritual and Ideology in Ancient Mesoamerica. University Press of Colorado, Boulder. Gutmann, Matthew C.

2006 The Meanings of Macho: Being a Man in Mexico City. University of California Press, Berkeley.

Hageman, Jon B.

2004 The Lineage Model and Archaeological Data in Late Classic, northwestern Belize. *Ancient Mesoamerica* 15:63–74.

Halfacree, K.

2009 Rurality and Post-Rurality. In *International Encyclopedia of Human Geography*, edited by Rob Kitchin and Nigel Thrift, pp. 449–456. Elsevier, Oxford.

Halfacree, Keith

2006 Rural Space: Constructing a Three-Fold Architecture. In *The Handbook of Rural Studies*, edited by Paul Cloke, Terry Marsden, and Patrick Mooney, pp. 44–62. Sage Publications, London.

Hammond, Norman

1991 Inside the Black Box: Defining Maya Polity. In Classic Maya Political History, edited by T. Patrick Culbert, pp. 253–284. Cambridge University Press, New York.

Harrison, Peter D., and B.L. Turner, II (editors)

1978 Pre-Hispanic Maya Agriculture. University of New Mexico Press, Albuquerque.

Heley, Jesse

2008 Rounds, Range Rovers and Rurality: The Drinking Geographies of A New Squirearchy. *Drugs: Education, Prevention and Policy* 15: 315–321.

Hendon, Julia A.

1991 Status and Power in Classic Maya Society: An Archaeological Study. American Anthropologist 93:894–918.

Hernandez, Leandra H.

2014 "I Was Born This Way": The Performance and Production of Southern Masculinity in A&E's Duck Dynasty. In *Reality Television: Oddities of Culture*, edited by Alison F. Slade, Amber J. Narro, and Burton P. Buchanan, pp. 21–37. Lexington Books, Lanham.

Herring, Scott

2010 Another Country: Queer Anti-Urbanism. New York University Press, New York.

Hirth, Kenneth

2003 The Altepetl and Urban Structure in Prehispanic Mesoamerica. In *El urbanismo en Mesoamerica*, edited by William Sanders, pp. 57–84. Instituto Nacional de Antropología e Historia, Mexico City, and The Pennsylvania State University, University Park.

Hutson, Scott R.

2016 Ancient Urban Maya: Neighborhoods, Inequality and Built Form. University Press of Florida, Gainesville.

Hutson, Scott R., Barry Kidder, Céline Lamb, Daniel Vallejo-Cáliz, and Jacob Welch

2016 Small Buildings and Small Budgets: Making LiDAR Work in Northern Yucatan, Mexico. Advances in Archaeological Practice 4: 268–283.

Hutson, Scott R., Céline C. Lamb, and David Medina Arona

2018 Political Engagement in Household Ritual among the Maya of Yucatan. In *Religion and Politics in the Ancient Americas*, edited by Sarah Barber and Arthur A. Joyce, pp. 165–188. Routledge, London

Hutson, Scott R., Iliana Ancona Aragón, Miguel Covarrubias Reyna, Zachary Larsen, Katie Lukach, Shannon Plank, Richard E. Terry, and Willem Vanessendelft

2015 A Historical Processual Approach to Continuity and Change in Classic and Postclassic Yucatan. In Beyond Collapse: Archaeological Perspectives in Resilience, Revitalization, and Reorganization in Complex Societies, edited by Ronald Falseit, pp. 124–146. Southern Illinois University Press, Carbondale.

Iannone, Gyles and Samuel V. Connell (editors)

2003 Perspectives on Ancient Maya Rural Complexity. Cotsen Institute of Archaeology Press, Los Angeles.

Iannone, Gyles, Keith Prufer, and Diane Z. Chase

2014 Resilience and Vulnerability in the Maya Hinterlands. Archeological Papers of the American Anthropological Association 24:155–170.

Ingalls, Victoria, and Jason Yaeger

2022 Focal Nodes and Ritual Economy in Ancient Maya Hinterland Communities: A Case Study from San Lorenzo, Belize. Ancient Mesoamerica 33:116–131. Inomata, Takeshi, Flory Pinzón, José Luis Ranchos, Tsuyoshi Haraguchi, Hiroo Nasu, Juan Carlos Fernandez-Diaz, Kazuo Aoyama, and Hitoshi Yonenobu

2017 Archaeological Application of Airborne LiDAR with Object-Based Vegetation Classification and Visualization Techniques at the Lowland Maya Site of Ceibal, Guatemala. *Remote Sensing* 9:563.

Isaza Aizpurúa, Ilean Isel, and Patricia A. McAnany

1999 Adornment and Identity: Shell Ornaments from Formative K'axob. *Ancient Mesoamerica* 10:117–127.

Johnson, Melissa

2019 Becoming Creole: Nature and Race in Belize. Rutgers University Press, New Brunswick.

Johnston, Kevin J.

2004 Lowland Maya Water Management Practices: The Household Exploitation of Rural Wells. *Geoarchaeology* 19:265–292.

Jones, Owain

1995 Lay Discourses of the Rural: Developments and Implications for Rural Studies. *Journal of Rural Studies* 11:35–49.

Joyce, Rosemary A.

2008 Critical Histories of Archaeological Practice: Latin American and North American Interpretations in a Honduran Context. In Evaluating Multiple Narratives: Beyond Nationalist, Colonialist, Imperialist Archaeologies, edited by Junko Habu, Clare Fawcett, and John M. Matsunaga, pp. 56–68. Springer, New York.

Keller, Angela H.

2012 Creating Community with Shell. In *Chan: An Ancient Maya Farming Community*, edited by Cynthia Robin, pp. 253–270. University Press of Florida, Gainesville.

Kestle, Caleb

2012 Limestone Quarrying and Household Organization at Chan. In Chan: An Ancient Maya Farming Community, edited by Cynthia Robin, pp. 207–230. University Press of Florida, Gainseville.

Kurjack, Edward B.

1974 Prehistoric Lowland Maya Community and Social Organization: A Case Study at Dzibilchaltun, Yucatan, Mexico. Middle American Research Institute Publication 38. Middle American Research Institute, Tulane University, New Orleans.

Kurnick, Sarah

2016 Competition and Conflict in the Upper Belize River Valley: Insights from the Ancient Maya Minor Center of Callar Creek, Belize. *Journal of Field Archaeology* 41:297–311.

Lamb, Céline C.

2020 Ancient Maya Rurality: Past Assumptions, Current Research and Future Directions. In *The Maya World*, edited by Scott R. Hutson and Traci Ardren, pp. 307–327. Routledge, London.

2022 Rural Social Differentiation in Early Classic Chunhuayum, Yucatan, Mexico. Ancient Mesoamerica 33:162–185.

La Salle, Marina J.

2010 Community Collaboration and Other Good Intentions. *Archaeologies* 6:401–422.

LeCount, Lisa J., and Jason Yaeger

2010 Classic Maya Provincial Politics: Xunantunich and Its Hinterlands. University of Arizona Press, Tucson.

Lemonnier, Eva, and M. Charlotte Arnauld

2022 Defining Rurality at La Joyanca (Peten, Guatemala): Architecture, Land Use, and Social Dynamics. Ancient Mesoamerica 33:83–100.

Lentz, David L., and Brian Hockday

2009 Tikal Temples and Timbers: Ancient Maya Agroforestry and the End of Time. *Journal of Archaeological Science* 36:1342–1353.

Litcher, Daniel

2012 Immigration and the New Racial Diversity in Rural America. *Rural Sociology* 77:3–35.

Little, Jo

2002 Rural Geography: Rural Gender Identity and the performance of Masculinity and Femininity in the Countryside. *Progress in Human Geography* 26:665–670.

Lohse, Jon C. (editor)

2013 Classic Maya Political Ecology: Resource Management, Class Histories, and Political Change in Northwestern Belize. Cotsen Institute of Archaeology Press, Los Angeles.

Lu, Yanheng, and Junxi Qian

2020 Towards a Material Approach in Rural Geography: Architectural

Experiments in China's Rural Renaissance and Reconstruction Movements. *Geoforum* 116:119–129.

Macpherson, Hannah

2009 The Intercorporeal Emergence of Landscape: Negotiating Sight, Blindness, and Ideas of Landscape in the British Countryside. Environment and Planning 41:1042–1054.

Maldonado Aranda, Salvador

2013 Stories of Drug Trafficking in Rural Mexico: Territories, Drugs and Cartels in Michoacán. *Revista Europea de Estudios Latinoamericanos y Del Caribe/European Review of Latin American and Caribbean Studies* 94:43–66.

Marcus, Joyce

1983 On the Nature of the Mesoamerican City. In *Prehistoric Settlement Patterns: Essays in Honor of Gordon Willey*, edited by Evon Z. Vogt and Richard Leventhal, pp. 195–242. Peabody Museum of Archaeology, Cambridge, and University of New Mexico Press, Albuquerque.

Marsden, Terry, Philip Lowe, and Sara Whatmore

1990 Introduction: Questions of Rurality. In Rural Restructuring: Global Processes and Their Responses, edited by Terry Marsden, Philip Lowe, and Sarah Whatmore, pp. 1–20. David Fulton Publishers, London.

Marx, Karl

1963 [1869] The Eighteenth Brumaire of Louis Bonaparte. International Publishers, New York.

McAnany, Patricia A.

1993 The Economics of Social Power and Wealth among Eighth Century Maya Households. In *Lowland Maya Civilization in the Eighth Century AD*, edited by Jeremey A. Sabloff and John S. Henderson, pp. 65–90. Dumbarton Oaks Research Library and Collection, Washington, DC.

1995 Living with the Ancestors: Kingship and Kinship Among the Ancient Maya. University of Texas Press, Austin.

McNeil, Cameron L., Edy Barrios, Zachary X. Hruby, Nathan J. Meissner, Alexandre Tokovinine, Mauricio Díaz García, and Walter Burgos Morakawa 2022 Control, Collapse, and Resilience at Río Amarillo in the Copan Valley, Honduras. *Ancient Mesoamerica* 33:62–82.

Mixter, David

2017 Collective Remembering in Archaeology: A Relational Approach to Ancient Maya Memory. *Journal of Archaeological Method and Theory* 24:261–302.

Montejo, Victor D.

2005 Maya Intellectual Renaissance: Identity, Representation and Leadership. University of Texas Press, Austin.

Munkejord, Mai Camillla

2006 Challenging Discourses on Rurality: Women and Men In-migrants' Constructions of the Good Life in a Rural Town in Northern Norway. *Sociologia Ruralis* 46:241–257.

Napolitano, Valentina

2002 Migration, Mujercitas, and Medicine Men: Living in Urban Mexico. University of California Press, Berkeley.

Panelli, Ruth, Phil Hubbard, Brad Coombes, and Sandie Suchet-Pearson 2009 De-Centring White Ruralities: Ethnic Diversity, Racialisation and Indigenous Countrysides. *Journal of Rural Studies* 25:355–364.

Pantoja Díaz, Luis, Iliana Ancona Angora, Maria Gómez Cobá, and Claudia Góngora Aguilar

2022 Rural Social Complexity in the Ichcaanziho Region, Yucatan, Mexico. Ancient Mesoamerica 33:186–209.

Perry, Donna L.

2009 Fathers, Sons, and the State: Discipline and Punishment in a Wolof Hinterland. Cultural Anthropology 24:33–67.

Plumwood, Val

1993 Feminism and the Mastery of Nature. Routledge, London.

Potter, Daniel R., and Eleanor M. King

1995 A Heterarchical Approach to Lowland Maya Socioeconomies. In *Heterarchy and the Analysis of Complex Societies*, edited by Robert Ehrenreich, Carole Crumley, and Janet Levy, pp. 17–32. American Anthropological Association, Washington, DC.

Prufer, Keith M., Amy E. Thompson, and Douglas J. Kennett

2015 Evaluating Airborn LiDAR for Detecting Settlements and Modified Landscapes in Disturbed Tropic Environments at Uxbenka, Belize. *Journal of Archaeological Science* 57:1–13.

Puleston, Dennis E.

1974 Intersite Areas in the Vicinity of Tikal and Uaxactun. In

Mesoamerican Archaeology: New Approaches, edited by Norman Hammond, pp. 303–311. University of Texas Press, Austin.

1983 *The Settlement Survey of Tikal*. Tikal Report No. 13. University Museum Monograph. University of Pennsylvania, Philadelphia.

Ramirez, Josué

2008 Against Machismo: Young Adult Voices in Mexico City. Berghahn Books, New York and Oxford.

Redfield, Robert

1941 The Folk Culture of Yucatan. University of Chicago Press, Chicago.
 1955 The Little Community: Viewpoints for The Study of a Human Whole. Cornell University Press, Ithaca.

Ricketson, Oliver G., Jr., and Edith B. Ricketson

1937 Uaxactun, Guatemala, Group E, 1926–31. Carnegie Institution of Washington Publication No. 477. Carnegie Institution of Washington, Washington, DC.

Roberts, Mark A.

2010 The Performing Hillbilly: Reedeming Acts of a Regional Stereotype. *Appalachian Journal* 38:78–90.

Robin, Cynthia

2002 Outside of Houses: The Practices of Everyday Life at Chan Noohol, Belize. *Journal of Social Archaeology* 2:245–267.

2003 New Directions in Classic Maya Household Archaeology. *Journal of Archaeological Research* 11:307–356.

2013 Everyday Life Matters: Maya Farmers at Chan. University Press of Florida, Gainesville.

Robin, Cynthia (editor)

2012 Chan: An Ancient Maya Farming Community. University of Florida Press, Gainesville.

Robin, Cynthia, Laura Kosakowsky, Angela Keller, and James Meierhoff 2014 Leaders, Farmers, and Crafters: The Relationship between Leading Households and Households across the Chan Community. Ancient Mesoamerica 25:371–387.

Rocabado, Patricia A.

2015 Neoliberal Multiculturalism and Contract Archeology in Northern Chile. *International Journal of Historical Archaeology* 19:775–790.

Scarborough, Vernon L., and Fred J. Valdez, Jr.

2009 An Alternative Order: The Dualistic Economies of the Ancient Maya. Latin American Antiquity 20:207–227.

Schwartz, Glenn M., and Steven Falconer (editors)

1994 Archaeological Views from the Countryside: Village Communities in Early Complex Societies. Smithsonian Institution Press, Washington, DC. Schwarz. Kevin R.

2013 Through the Rearview Mirror: Rethinking the Classic Maya Collapse in the Light of Postclassic Rural Social Transformation. *Journal of Social Archaeology* 13:242–265.

Sharer, Robert J.

1993 The Social Organization of the Late Classic Maya: Problems of Definition and Approaches. In *Lowland Maya Civilization in the Eighth Century AD*, edited by Jeremy A. Sabloff and John S. Henderson, pp. 91–110. Dumbarton Oaks, Washington, DC.

Sheets, Payson

2000 Provisioning the Ceren Household: The Vertical Economy Village Economy, and Household Economy in the Southern Maya Periphery. Ancient Mesoamerica 11:217–230.

Sheets, Payson (editor)

2002 Before the Volcano Erupted: The Ancient Cerén Village in Central America. University of Texas Press, Austin.

Sheets, Payson, Christine Dixon, David Lentz, Rachel Egan, Alexandria Halmbacher, Venicia Slotten, Rocío Herrera, and Céline Lamb

2015 The Sociopolitical Economy of an Ancient Maya Village: Cerén and its Sacbe. *Latin American Antiquity* 26:341–261.

Sheets, Payson, David Lentz, Dolores Piperno, John Jones, Christine Dixon, George Maloof, and Angela Hood

2012 Ancient Manioc Agriculture South of the Ceren Village, El Salvador. *Latin American Antiquity* 23:259–281.

Shucksmith, Mark, and David L. Brown

2016 Framing Rural Studies in the Global North. In Routledge International Handbook of Rural Studies, edited by Mark Shucksmith and David L. Brown, pp. 1–26. Routledge, Oxon.

Siemens, Alfred H., and Dennis E. Puleston

1972 Ridged Fields and Associated Features in Southern Campeche: New Perspectives on the Lowland Maya. American Antiquity 37:228–239.Siwale, Juliana

2014 Challenging Western Perceptions: A Case Study of Rural Zambia.

In *Interpreting Rurality: Multidisciplinary Approaches*, edited by Gary Somerville and Peter Bosworth, pp. 15–31. Routledge, London.

Somerville, Gary, and Peter Bosworth (editors)

2014 Interpreting Rurality: Multidisciplinary Approaches. Routledge, London.

Stanton, Travis W., Traci Ardren, Nicolas C. Barth, Juan C. Fernandez-Diaz, Patrick Rohrer, Dominique Meyer, Stephanie J. Miller, Aline Magnoni, and Manuel Pérez

2020 'Structure' Density, Area, and Volume as Complementary Tools to Understand Maya Settlement: An Analysis of LiDAR Data along the Great Road between Coba and Yaxuna. *Journal of Archaeological Science Reports* 29:2–10.

Thompson, Edward H.

1886 Archaeological Research in Yucatán. Proceedings of the American Antiquarian Society 4:248–254.

1892 The Ancient Structures of Yucatán Not Communal Dwellings. Proceedings of the American Antiquarian Society 8:262–269.

Thompson, Eric C.

2007 Unsettling Absences: Urbanism in Rural Malaysia. National University of Singapore Press, Singapore.

Tiesler, Vera, and Raúl López Pérez

2022 Health among Classic-Period Urban and Rural Maya: A Regional Perspective. *Ancient Mesoamerica* 33:101–115.

Tourtellot, Gair, Gloria Everson, and Norman Hammond

2003 Suburban Organization: Minor Centers at La Milpa. In *Perspectives on Rural Complexity*, edited by Gyles Iannone and Samuel V. Connell, pp. 95–107. Cotsen Institute of Archaeology, Los Angeles.

Trigger, Bruce

1984 Alternative Archaeologies: Nationalist, Colonialist, Imperialist. *Man, New Series* 19:355–370.

1995 Romanticism, Nationalism, and Archaeology. In *Nationalism*, *Politics and the Practice of Archaeology*, edited by Philip L. Kohl and Clare Fawcett, pp. 263–279. Cambridge University Press, Cambridge. Tuan, Yi- Fu

2005 Space and Place: The Perspective of Experience. University of Minnesota Press, Minneapolis.

Turner, Billie L., II

1974 Prehistoric Intensive Agriculture in the Mayan Lowlands. Science 185:118–124.

Turner, Billie L., II, and Peter D. Harrison (editors)

1983 Pulltrouser Swamp: Ancient Maya Habitat, Agriculture, and Settlement in Northern Belize. University of Texas Press, Austin.

Valdez, Fred, Jr., Rissa M. Trachman, and Marisol Cortes-Rincon

2022 Complexity, Function, and Rurality: Prehistoric Maya Communities of Northwest Belize. *Ancient Mesoamerica* 33:132–147. VandenBosch, Jon C., Lisa J. LeCount, and Jason Yaeger

2010 Integration and Interdependence: The Domestic Chipped-Stone Economy of the Xunantunich Polity. In *Classic Maya Provincial Politics: Xunantunich and its Hinterlands*, edited by Lisa J. LeCount and Jason Yaeger, pp. 272–294. University of Arizona Press, Tucson.

Walling, Stanley L., Peter F. Davis, Sandra Dias, and Melissa de Vito
 2005 Report of the 2004 Rio Bravo Archaeological Project, Site R.B. 47:
 Chawak But'o'ob, Belize. In Programme for Belize Archaeological

Project Report of Activities for the 2004 Field Season, edited by Fred Valdez, Jr., pp. 115–144. University of Texas Press, Austin.

Wang, Lifans

2015 Navigating the Urban-Rural Divide: The Agency of Rural Chinese Female Higher Education Students in China. Unpublished Ph.D. dissertation, Department of Cultural Foundations in Education, Syracuse University, Syracuse.

Wilk, Richard R., and Wendy Ashmore (editors)

1988 Household and Community in the Mesoamerican Past. University of New Mexico Press, Albuquerque.

Willey, Gordon R., William Bullard Jr., John B. Glass, and James C. Gifford 1965 Prehistoric Maya Settlement in the Belize Valley. Papers of the Peabody Museum of Archaeology and Ethnology. Peabody Museum of Archaeology and Ethnology, Harvard University, Cambridge.

Williams, Raymond

1973 The Country and the City. Chatto and Windus, London.

Wolf, Eric R.

1966 Peasants. Prentice-Hall, Englewood Cliffs.

Woods, Michael

2010 Performing Rurality and Practising Rural Geography. Progress in Human Geography 34:835.

2011 Rural. Routledge, London.

Wylie, Alison

2008 The Integrity of Narratives: Deliberative Practice, Pluralism, and Multivocality. In *Evaluating Multiple Narratives: Beyond Nationalist, Colonialist, Imperial Archaeology*, edited by Junko Habu, Clare Fawcett, and John M. Matsunaga, pp. 201–212. Springer, New York.

Wylie, John

2005 A Single Day's Walking: Narrating Self and Landscape on The South West Coast Path. Transactions of the Institute of British Geographers NS 30:234–247.

Yaeger, Jason

2000 The Social Construction of Communities in the Classic Maya Countryside: Strategies of Affiliation in Western Belize. In *The Archaeology of Communities: A New World Perspective*, edited by Marcello A. Canuto and Jason Yaeger, pp. 123–142. Routledge Press, London.

2003 Untangling the Ties That Bind: The City, the Countryside, and the Nature of Maya Urbanism at Xunantunich, Belize. In *The Social Construction of Ancient Cities*, edited by Monica L. Smith, pp. 121–155. Smithsonian Institution Press, Washington, DC.

Yaeger, Jason, and Cynthia Robin

2004 Heterogeneous Hinterlands: The Social and Political Organization of Commoner Settlements near Xunantunich. In Ancient Maya Commoners, edited by Jon C. Lohse and Fred Valdez, Jr., pp. 147–173. University of Texas Press, Austin.

Yan, Hairong

2003 New Masters, New Servants: Migration, Development, and Women Workers in China. Duke University Press, Durham.

Zaro, Gregory, and Jon C. Lohse

2005 Rhythms and Rituals: Ancient Maya Solar Observation in Hinterland Blue Creek, Northwestern Belize. *Latin American Antiquity* 16:81–98.