Senate Curriculum Committee Report to Senate November 2016

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A. Items That Require Senate Approval (with motions)

1. Department of Philosophy (documentation p. 3)

New course proposal: PHIL 2543 Moral Psychology.

MOTION: That PHIL 2543 be approved.

2. Department of Anthropology (documentation p. 7)

New course proposal: ANTH 2363 Archeology of Early Societies: Mesoamerica.

MOTION: That ANTH 2363 be approved.

II. DOCUMENTATION (pp. 3-57)

New Course Proposals (2):

1. Department of Philosophy

Proposal for a new course: PHIL 2543 Moral Psychology

1. Type of proposal

This course is meant to become a regular offering.

2. Course name and proposed number

Moral Psychology: PHIL 2543 (abbreviated title: Moral Psych.)

3. Calendar Description

Are moral judgements grounded in emotion or reason? Under what conditions are people morally responsible? Why should I be moral? Are all moral decisions motivated by self-interest? Do moral reasons depend on desires? How does virtue relate to moral motivation? These questions are central to moral psychology. The course presupposes no background in philosophy and may be of interest to students in psychology and the life sciences, as well as philosophy. This course will not count toward credits in Psychology (i.e. a Major). Prerequisites: none.

4. Theme or Category Grouping

The course should be listed under '5. Themes and Authors'.

5. Impact on Programme Requirements

This course will have no impact on programme requirements. It will have no prerequisite and it will not fulfil any requirements for the Honours or Major beyond number of credit hours in Philosophy.

6. Cross-listing

This course will not be cross-listed.

7. Rationale for the course

My aim in proposing this course is to make philosophy accessible to non-majors. To a large extent, it is meant to complement my course in the philosophy of mind (PHIL 2533:

Minds and Brains). Moral psychology, like philosophy of mind, is a topic that at least potentially appeals to students in the social and life sciences, and various other disciplines outside of philosophy. These students often lack the first-year prerequisites to get into our upper level courses, and they don't normally have any interest in philosophy anyway—at least not in the core courses aimed at majors. Most of our existing courses are exceedingly difficult and presuppose a fair bit of content (much of which is acquired at the first year level). It makes for a sort of closed club. I would like to offset that exclusiveness to some extent by offering a pair of philosophy courses at the second-year level, which are open to everyone. A survey of the main positions in contemporary moral psychology would benefit non-philosophy majors by helping them to develop their skills of analysis and exposing them to ideas they have not considered in any systematic way before. In short, this will be a course that Philosophy majors may take for credit, but which is targeted primarily at non-majors who can't commit to anything more than a course or two.

8. Instructor's name

This course would be taught by Dr Stapleford.

9. Course description

This course will introduce students to the contemporary debates about moral psychology, including questions about the relevance of work done in neurology, psychology and the social sciences to philosophical thinking about morality. We will consider various theories on how to think about moral motivation, moral agency, normative competence, the role of emotions in moral reasoning, etc. It is not an attempt to answer empirical questions non-empirically: The point is to examine some evidence coming from natural science and figure out how it relates to certain questions that are of relevance to moral philosophers. Some of the questions that appear to be purely empirical—'Can we ever act from non-selfish motives?', for instance—actually have a large conceptual component. In some cases, what philosophers took to be a conceptual question turns out to be an empirical question. In some cases what psychologists take to be an empirical question turns out to be a conceptual question. Drawing the lines between the empirical and the conceptual questions constitutes a major component of the course. These 'boundary' questions, and the questions falling on the conceptual side, can only be answered through hard thinking. But the aim is to make the material accessible to students with no technical training in philosophy.

The course will not <u>overlap</u> with any existing courses. We currently have no courses on moral psychology. Some of our historical courses may touch on certain themes in moral psychology, but the contemporary work being done on moral psychology by analytic philosophers is not even touched. There will not be any <u>overlap</u> with any courses in psychology either, since this is a course in philosophy (nor does the psychology department have anything like this on the books). 'Moral psychology' is the standard designation in philosophy departments for this particular set

of questions—questions going back as least as far as Hume. It involves *philosophical* analysis of moral concepts and empirical evidence. There is no attempt encroach on the discipline of psychology.

10. Evaluation system

Test 1: 15%

Test 2: 20%

Essay: 35%

Final Exam: 30%

11. Possible course texts and other materials

I plan to use one of the standard survey texts that outline the various options, considering the arguments for and against each without defending any one view to the exclusion of the others. Supplemental readings defending particular positions maybe be added—scholarly articles that I will post on Moodle. But the focus will be on the general overview. There are two reasons for this:

- (1) This is not an advanced course designed for majors. It is meant to be generally accessible. I want to attract students from other fields who have an interest in the topic but who will often have no background in philosophy. A general survey will be more appealing to them, and more manageable.
- (2) Texts presenting a general overview of a field are often better suited to a course than highly specialized works. Were I to focus on specialized works, I might get through 3 positions in moral psychology in the whole semester. With a survey, I should be able to cover one topic per week. This is pedagogically useful.

12. Bibliography

"**' indicates that the Harriet Irving Library owns a copy of the book.

^{**}Appiah, K. (2008). Experiments in Ethics. Cambridge, MA: Harvard University Press.

^{**}Blackburn, S. (1998). *Ruling Passions: A Theory of Practical Reasoning*. Oxford: Clarendon Press.

^{**}Chan, D. (2008). Moral Psychology Today: Essays on Values, Rational Choice and the Will. Berlin: Springer.

^{**}Chazan, P. (1998). The Moral Self. New York: Routledge.

^{**}Churchland, P. (2011). *Braintrust: What Neuroscience Tells us about Morality*. Princeton, NJ: Princeton University Press.

D'Arms, J. and Jacobson, D. (2015). *Moral Psychology and Human Agency: Philosophical Essays on the Science of Morality*. Oxford: Oxford University Press.

**Dennett, D. (2004). Freedom Evolves. London: Penguin.

**Dent, N. (1984). The Moral Psychology of the Virtues. Cambridge: Cambridge University Press.

Doris, J. (2012). The Moral Psychology Handbook. Oxford: Oxford University Press.

**Flanagan, O. and Rorty, A. (1990). *Identity, Character and Morality: Essays in Moral Psychology*. Cambridge, MA: MIT Press.

**Joyce, R. (2006). The Evolution of Morality. Cambridge, MA: MIT Press.

**Kitcher, P. (2011). The Ethical Project. Cambridge, MA: Harvard University Press.

**Korsgaard, C. (1996). The Sources of Normativity. Cambridge: Cambridge University Press.

**Korsgaard, C. (2008). *The Constitution of Agency: Essays on Practical Reason and Moral Psychology*. Oxford: Oxford University Press.

**Martin, A. (2014). *How We Hope: A Moral Psychology*. Princeton, NJ: Princeton University Press.

Miller, C. (2016). *Character and Moral Psychology*. Oxford: Oxford University Press.

Nadelhoffer, T., Nahmias, E. and Nichols, S. (2010). *Moral Psychology: Historical and Contemporary Readings*. Malden, MA: Wiley-Blackwell.

**Roberts, R. (2003). *Emotions: An Essay in Aid of Moral Psychology*. Cambridge: Cambridge University Press.

**Shoeman, F. (1987). Responsibility, Character, and the Emotions: New Essays in Moral Psychology. Cambridge: Cambridge University Press.

Schroeder, M. (2007). Slaves of the Passions. Oxford: Oxford University Press.

Sinnott-Armstrong, W. (2007). *Moral Psychology: The Evolution of Morality: Adaptations and Innateness*, Vol. I. Cambridge, MA: MIT Press.

Sinnott-Armstrong, W. (2007). *Moral Psychology: The Cognitive Science of Morality: Intuition and Diversity*, Vol. II. Cambridge, MA: MIT Press.

Sinnott-Armstrong, W. (2007). *Moral Psychology: The Neuroscience of Morality: Emotion, Brain Disorders and Development*, Vol. III. Cambridge, MA: MIT Press.

**Sinnott-Armstrong, W. (2014). *Moral Psychology: Free Will and Moral Responsibility*, Vol. IV. Cambridge, MA: MIT Press.

- **Sneddon, A. (2011). Like-Minded. Cambridge, MA: MIT Press.
- **Wallace, R. (2006). Normativity and the Will: Selected Papers on Moral Psychology and Practical Reason. Oxford: Oxford University Press.

2. Department of Anthropology

Proposal for a new course: ANTH 2363 Archaeology of Early Societies: Mesoamerica

1. Type of proposal.

This course is meant to become part of the regular course offerings in the Department of Anthropology.

2. Course name and proposed number.

ANTH 2363 Archaeology of Early Societies: Mesoamerica (abbreviated title: Mesoamerica)

3. Calendar description.

Mesoamerica is an area covering Southern Mexico, Guatemala, Belize, Honduras and Salvador. In this region hunter-gatherers' experimentation with plants gave rise to the cultivars, such as tomatoes and corn. Three thousand years ago urban centers developed there, political organizations arose and writing was invented. Two thousand years ago the first mega city in North America was created there. This course explores, using archaeological concepts and theory, 10,000 years of Mesoamerican cultural diversity and history.

4. Prerequisites. There are no prerequisites for this course.

5. Theme or Category Grouping.

Anth 2363 will be under the category of Archaeology

6. Impact on Programme Requirements.

Anth 2363 will be part of the second year archaeology courses; Major and Honors students have to take at least one second year course in archaeology. Anth 2363 will expand the thematic options students have.

7. Cross-listing.

There is no cross-listening for this course.

8. Rationale for the course.

This new course will allow the students to take a closer look at the processes that led to social complexity and the development of power and inequalities in an important region of North America. Until the present, these materials have been included, in a very superficial way, in Anth 2343, as part of North America. With the inclusion of Mesoamerica Anth 2363 as part of our regular offerings, we will be able to do justice to the importance of this region in the past.

9 Instructor's name.

Dr. Santiago Mora. Department of Anthropology. Anth 2363 will be offered alternatively with Anth 2343. Archaeology of Early societies: North and Central America and Anth 2353. Archaeology of Early Societies: South America.

10. Course description.

Mesoamerica is an area covering Southern Mexico, Guatemala, Belize, Honduras and Salvador. Today this region is one of the most populated areas in Latin America; it has one of the biggest cities in the world - Mexico City. In the recent past more than 200 languages were spoken in the region; five hundred years ago the capital of one of the most advanced civilizations in the world was there. Two thousand years ago the first urban center in North America was created in Mesoamarica: a "Mega" city with 200,000 inhabitants. A thousand years before the Christian era the first political organizations arose there. Despite this long and complex history, the native societies in this region share some cultural traits that distinguish them from other people. This course explores 3,000 years of Mesoamerican cultural diversity and history.

11. Evaluation system.

Class participation 5 %

1st Take home exam
30 % (Weeks 1 to 7) 1st take home exam is due last class of week 7
2nd Take home exam
30 % (Weeks 8 to 12) 2nd take home exam is due during the exam

period

Presentation report 15 % (Week 13) last day of class

Presentation 20 % (Weeks 10 & 13)

Take home exams

Students will write two take home exams during the term, one for part one of the course – weeks one to six – and one for part two of the course – week's seven to twelve. I expect you to use at least 5 articles of the reading materials marked as required in the discussion of your take home exam plus additional sources if needed.

Presentation

Students will select a topic that we studied during the term and prepare a presentation. They will use some of the material that we studied during class plus three additional sources. Students will present in class their results during the last four weeks of the term (weeks 10, 11,

12 and 13). Their presentations have the following goals: provide other students with some general information about the topic you worked on and promote their participation in a discussion.

Presentation report

The last day of classes students will submit a report of their presentation. The report has to include:

- An explanation of why you selected that topic
- A summary of your presentation
- A list of references You have to use academic sources¹; newspapers, magazines and TV programs are not considered appropriated sources.

12. Possible course texts and other materials.

The course will be based on the library sources available – mainly articles (see appendix A); there is no textbook required.

13. Bibliography.

The references marked (*) are available at Harriet Irving Library.

Appendix A ANTH 2363 References

- *Abrahamer Rothstein, Frances 2005 Challenging consumption theory: production and consumption in central Mexico. *Critique of Anthropology* 25(3):279 306.
- *Abrams, Elliot; Anna Corinne Freter, David J. Rue & John D. Wingard 1996 The role of deforestation in the collapse of the late classic Copán Maya State, *Tropical deforestation: the human dimension*, eds, Leslie Sponsel, E & Thomas N. Headland & Robert C. Bailey, pp 55-75 New York: Columbia University press.
- *Ackerly, N.W. 1994 Analyses of historic New Mexican acequia systems using GIS technology. *Geo Info Systems* 4(2):20-21.

Adams, Richard W. 1978 Origins of Maya civilization. University of New Mexico Press.

*Aguero, Adrian & Annick Daneels 2009 Playing ball - competition as a political tool. *Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America*, eds Heather Orr & Rex Koonts, Cotsen pp 117-138. Institute of Archaeology Press.

- *Aimers James J. & Prudence M. Rice 2006 Astronomy, ritual, and the interpretation of Maya "e-group" architectural assemblages *Ancient Mesoamerica*, 17: 79–96
- *Aimers, James J. 2007 What Maya collapse? Terminal Classic variation in the Maya Lowlands. *Journal of Archaeological Research* 15(4):329–377.
- *Aimers, James J. & Prudence M. Rice 2006 Astronomy, ritual, and the interpretation of Maya "E-group" architectural assemblages. *Ancient Mesoamerica* 17(1): 79-96.
- *Aimers, James J. & Elizabeth Graham 2007 Noble savages versus savage nobles: Gibson's apocalyptic view of the Maya. *Latin American Antiquity*, 18(1):105-106.

Aldenderfer, Mark S, Larry R. Kimball, & April Sievert 1996 Microwear analysis of some clovis and experimental chipped stone tools. *Stone tools: theoretical insights into human prehistory,* ed. George H. Odell, pp 315-344. Plenun press, New York.

- *Alexander, Rani T. 2008 The world according to Robert: macroregional systems theory in Mesoamerica. *Journal of Anthropological Research*, 64(3):383-394.
- *Anderies, John M., Ben A. Nelson & Ann P. Kinzig 2008 Analyzing the impact of agave cultivation on famine risk in arid Pre-Hispanic Northern Mexico. *Human Ecology* 36:409-422.
- *Anderson, E. N. 2002 On Maya medicine and the biomedical gaze. *Current Anthropology*, 43(5): 789-793.
- *Andrews, Anthony P. E. Wyllys Andrews & Fernando Robles Castellanos 2003The norther Maya collapse and its aftremath. *Ancient Mesoamerica* 14(1):151-156.
- *Andueza-Noh R. H., M. L. Serrano-Serrano M. I. Chacón Sánchez, I. Sánchez del Pi 2013 Multiple domestications of the Mesoamerican gene pool of lima bean (Phaseolus lunatus L.): evidence from chloroplast DNA sequences Genetic. *Resources and Crop Evolution* 60:1069–1086
- *Angulo Jorge 2007 Early Teotihuacan and its government. *The political economy of ancient Mesoamerica. Transformations during the formative and classic periods,* eds Vernon Scarborough & John E. Clark, pp 83-99. University of New Mexico Press, Albuquerque.
- *Angulo, Jorge 2007 The early Teotihuacan and It government. *The political economy of ancient Mesoamerica. Transformations during the formative and classic periods,* eds Vernon Scarborough & John E. Clark, pp 83-99. University of New Mexico Press, Albuquerque.

Anonymous Popol Vuh: The Mayan book of the dawn of life. <u>www.TaleBooks.com</u>

- *Anonymous 2004 *Codex Borbonicus*. Akademische Druck V. Verlagsanstl Graz, Austria. Aoyama, Kazuo 2005 Classic Maya warfare and weapons: spear, dart, and arrow points of Aguateca and Copan. *Ancient Mesoamerica* 16(2): 291-304.
- *Aoyama, Kazuo 2001 Classic Maya state, urbanism, and exchange: chipped stone evidence of the Copán Valley and its hinterland. *American Anthropologist*, 103(2): 346-360
- *Aoyama, Kazuo 2000 Ancient Maya state, urbanism, exchange, and craft specialization: chipped stone evidence from the Copan valley and the La Entrada Region, Honduras. University of Pittsburgh Latin American
- *Appenzeller, Tim 1994 Clashing Maya superpowers emerge from a new analysis. *Science* 266:733-734

Arden, Traci 2002 Ancient Maya women Walnut Creek, CA: AltaMira Press,

- *Ardren Traci & Justin Lowry 2011 The travels of Maya merchants in the ninth and tenth centuries ad: investigations at Xuenkal and the Greater Cupul Province, Yucatan, Mexico. *World Archaeology* 43(3): 428–443
- *Armstrong-Fumero, Fernando 2011 Words and things in Yucatán: poststructuralism and the everyday life of Mayan multiculturalism. *Journal of the Royal Anthropological Institute* 17: 63-81

Arnauld, Marie-Charlotte: Linda Manzanilla & Michael E Smith; 2012 The neighborhood as a social and spatial unit in Mesoamerican cities. University of Arizona Press

- *Arthur A. Joyce; Marcus Winter 1996 Ideology, power, and urban society in pre-hispanic Oaxaca. *Current Anthropology* 37(1):33-47.
- *Ashmore Wendy & Jeremy A. Sabloff 2002 Spatial orders in Maya civic plans. *Latin American Antiquity* 13(2):201-215.

Ashmore, Wendy 2002 Decisions and dispositions: socializing spatial archaeology. *American Anthropologist* 104(4): 1172-1183.

Ashmore, Wendy 2003 Classic Maya landscapes and settlement. Mesoamerican Archaeology Theory and Practice, edited by: Julia A. Hewndon and Rosemary Joyce. Pp 169-191. Blackwell Publishing. Oxford.

- *Bachand, Bruce R. 2010 Onset of the early classic period in the Southern Maya lowlands: new evidence from Punta de Chimino, Guatemala. *Ancient Mesoamerica*, 21: 21–44.
- *Balkansky, Andrew K. 2006 Surveys and Mesoamerican archaeology: The emerging macroregional paradigm. *Journal of Archaeological Research*,14(1): 53-95.

*Balkansky, Andrew K. 2006 Surveys and Mesoamerican archaeology: the emerging macroregional paradigm. *Journal of Archaeological Research* 14(1):53-95.

*Balkansky, Andrew K., Gary M. Feinman, & Linda M. Nicholas 1997 Pottery kilns of ancient Ejutla, Oaxaca, Mexico. *Journal of Field Archaeology* 24:139-160

*Bandy, Matthew S. 2002 The collapse of the Classic Maya: A case for the role of water control. *American Anthropologist*, 104(3): 814-826.

*Barbara, Tedlock 1993 Mayans and mayan studies from 2000 B.C. to A.D. 1992. *Latin American Research Review* 28(3):153-174.

Barber, B Sarah & Arthur A. Joyce 2007 Polity produced and community consumed. Negotiating political centralization through in the lower rio Verde valley, Oaxaca. *Mesoameriacn ritual economy. Archaeological and ethnographic perspectives,* eds, Christian Wells & Carla Davis-Salazar, pp 221-245. University of Colorado press.

*Barbera Sarah B. & Mireya Olvera Sánchez 2012 A divine wind: the arts of death and music in terminal formative Oaxaca. *Ancient Mesoamerica* 23: 9–24.

Baron, Joanne 2016 Patron dieties and politics among the Classic Maya. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 153-180. University press of Colorado.

*Barrera-Bassols, Narciso & Toledo, Víctor Manuel. 2005 Ethnoecology of the Yucatec Maya: symbolism, knowledge and management of natural resources. *Journal of Latin American Geography* 4(1): 9 -41.

Bartlett, Mary Lee & Patricia A Mcanany 2000 "Crafting" communities: the materialization of formative Maya identities. The archaeology of communities, eds Marcello A. Canuto & Jason Yaeger, pp 102-122. Routledge. London & New York.

*Baudez, Claude-Francois 2009 Pretium doloris, or the value of pain in Mesoamarica. *Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America,* eds Heather Orr & Rex Koonts, pp 269-290 Cotsen Institute of Archaeology Press.

*Baudeza, Claude-François & Nicolas Latsanopoulos 2010 Political structure, military training, and ideology at Chichenitza. *Ancient Mesoamerica*, 21: 1–20.

*Becker, Marshall Joseph 2004 Maya heterarchy as inferred from classic-period plaza plans. *Ancient Mesoamerica*, 15: 127–138

Beekman, Christopher 2016 Conflicting political strategies in late formative to early Classic central Jalisco. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 97-120. University press of Colorado.

*Beekman, Christopher S. 2010 Recent research in Western Mexican archaeology. *Journal of Archaeolgical Research* 18:41–109

*Bendersky, Gordon 2000 Tlatilco scultures, diprosopus and the emeregence of medical ilustrations. *Perspectives in Biology and Medicine*, 43(4): 477-501

*Benz Bruce F. 2001 Archaeological evidence of teosinte domestication from Guila´ Naquitz, Oaxaca *PNAS* 98(4): 2104–2106

Berdan, Frances F. 1985 Markets in the economy of Aztec Mexico. *Markets and marketing*, ed. Stuart Plattner, pp 339-367. Society for Economic Anthropology Monographs in Economic Anthropology 4.

*Berdan, Frances F. 1982 *The Aztecs of Mexico: an imperial society.* New York: Holt, Rinehart and Winston.

*Berdan, Frances F. 2000 Principles of regional and long-distance trade in the Aztec empire. *The Ancient Civilizations of Mesoamerica*. A Reader, eds Smith, Michael & Marilyn A. Masson, pp 191-203. Blackwell Publishers.

Berdan, Frances F. 2007 Material dimension of Aztec religion and ritual. *Mesoameriacn ritual economy. Archaeological and ethnographic perspectives,* eds, Christian Wells & Carla Davis-Salazar, pp 245-266. University of Colorado press.

Berdan, Frances F. 1996 Aztec Imperial Strategies. Dumbarton Oaks Pub Service.

*Berres, Thomas E. 2000 Climatic change and lacustrine resources at the perios of initial Aztec development. *Ancient Mesoamerica* 11(1):27-38.

Berry Kimberly a & Patricia A. McAnany 2007 Reckoning with the wetlands and their role in ancient Maya society. The political economy of ancient Mesoamerica. Transformations during the formative and classic periods, eds Vernon Scarborough & John E. Clark, pp 65-81. University of New Mexico Press, Albuquerque.

Bierhorst, John 1985 Cantares Mexicanos. Songs of the Aztecs. Stanford University Press

Blanton, Richard E 1983 Factors underlying the origin and evolution of market systems. *Economic Anthropology. Topics and Theories*, ed Sulti Ortiz, pp 51-66. Society for Economic Anthropology. University press of America.

Blanton, Richard E 1994 *House and household: a comparative study*. Plenum Press. New York and London.

*Blanton, Richard E & Gary M. Feinman 1984 The Mesoamerican World System. Current Anthropology 86:673-692.

*Blanton, Richard E. 1975 Texcoco region archaeology American Antiquity, 40(2): 227-230

Blanton, Richard; Gary M. Feinman, Stephen A. Kowalewski, Linda M. Nicholas 1999 *Ancient Oaxaca*. Cambridge University press.

*Blanton, Richard; Gary M. Feinman; A Kowalewski & Peter N. Peregrine 1996 A dual-processual theory for the evolution of Mesoamerican civilization. *Current Anthropology* 37:1-14.

Blanton, Richard; Stephen A. Kowalewski, Gary M. Feinman, Laura M. Finsten 1981 *Ancient Mesoamerica*. *A comparison of change in three regions*. Cambridge University Press

*Blomster, Jeffrey P. 2002 What and where is olmec Style? Regional perspectives on hollow figurines in early formative Mesoamerica. *Ancient Mesoamerica* 13:171-195.

*Blomster, Jeffrey P. 2012 Early evidence of the ballgame in Oaxaca, Mexico *Proceedings of the National Academy of Sciences of the United States of America*, 109(21): 8020-8025

*Blomster, Jeffrey P. 2010 Complexity, interaction, and epistemology; Mixtecs, Zapotecs, and Olmecs in early Formative Mesoamerica. *Ancient Mesoamerica*, 21:135–149.

Blomster, Jeffrey P. 2004 Etlatongo: social complexity, interaction, and village life in the Mixteca Alta of Oaxaca, Mexico. Case Studies in Archaeology. Jeffrey Quilter, Series Editor. Thomson, Wadsworth.

*Blomster, Jeffrey P. Hector Neff, Michael D. Glascock 2005 Olmec pottery production and export in ancient Mexico determined through elemental analysis. *Science, New Series*, 307(5712): 1068-1072

*Boksenbaum, Martin William; Paul Tolstoy; Garman Harbottle; Jerome Kimberlin; & Mary 1987 Obsidian industries and cultural evolution in the basin of Mexico before 500 B.C. *Journal of Field Archaeology* 14: 65-75.

Boremanse, Didier 1999 *Hach Winik: the Lacandon Maya of Chiapas, southern Mexico.* Institute for Mesoamerican Studies.

*Brady, James E. 1997 Settlement configuration and cosmology: the role of caves at Dos Pilas. *American Anthropologist* 99(3): 602-618.

- *Brady, James E. & Dominique Rissolo 2006 A reappraisal of ancient Maya cave mining. *Journal of Anthropological Research*, 6(4): 471-490.
- *Brewer Stewart W. 1999 The history of an idea: The scene on stela 5 from Izapa, Mexico, as a representation of Lehi's vision of the tree of life. *Journal of Book of Mormon Studies* 8/1: 12–18, 20–21, 77.
- *Bricker Harvey M. & Victoria R. Bricker 1996 Astronomical references in the throne inscription of the palace of the governor at Uxmal. *Cambridge Archaeological Journal* 6(2): 191 229.

Bricker Victoria R. & Susan Milbrath 2011 Thematic and chronological ties between the Borgia and Madrid codices based on records of agricultural pests in the planting almanacs *Journal of Anthropological Research*, 67(4): 497-531

- *Brooks, Francis J. 1995 Motecuzoma Xocoyotl, Hernan Cortes, and Bernal Diaz del Castillo: the construction of an arrest. *The Hispanic American Historical Review* 75(2):149-183.
- *Bruhns, Karen O. Nancy L. Kelker, Ma. Del Carmen Rodríguez Martínez, Ponciano Ortíz 2007 Did the Olmec know how to write? [with response] *Science*, New Series, Vol. 315, No. 5817 (Mar. 9, 2007), pp. 1365-1366
- *Brumfiel, Elizabeth M. 1996 The quality of tribute cloth: the place of evidence in archaeological argument. *American Antiquity* 61(2):453-462.
- *Brumfiel, Elizabeth M. 1983 Aztec state making: ecology, structure, and the origin of the state. *American Anthropologist* 85(2): 261-284.
- *Brumfiel, Elizabeth M. 2003 Ethnic groups and political development in ancient Mexico. Factional competition and political development in the New World, eds Elizabeth M. Brumfiel & John W. Fox, pp 89-102. New Directions in Archaeology. Cambridge University Press.

Brumfiel, Elizabeth M. 2007 Huitzilopochtli's conquest. *Aztec ideology in archaeological record. The archaeology of identities. A reader,* ed Timothy Insoll, pp 265-307. Routledge. London & New York.

*Brumfiel, Elizabeth M. 2011 Technologies of time: calendric and commoners in Postclassic Mexico. *Ancient Mesoamerica* 22(1): 53 -70.

Brumfiel, Elizabeth M. 2003 Meaning by design: ceramics, feasting and figured worlds in Postclassic Mexico. Mesoamerican Archaeology Theory and Practice, ed Julia A. Hewndon and Rosemary Joyce, pp 239-264. Blackwell Publishing. Oxford.

Brumfiel, Elizabeth M. 2001 Asking about Aztec gender: the historical and archaeological evidence Gender in Pre-Hispanic America. Cecelia F. Klein, Editor, pp 57-85. Dumbarton Oaks Research Library and Collection Washington, D.C. www.doaks.org/etexts.html

*Brumfiel, Elizabeth M. 2006 Cloth, gender, continuity, and change: fabricating unity in anthropology. *American Anthropologist*, New Series, 108(4):862-877

*Brumfiel, Elizabeth M. 1996 Figurines and the Aztec state: testing the effectiveness of ideological domination. *Gender and archaeology*, ed Rita P. Wright, pp 143-166. University of Pennsylvania Press. Philadelphia.

Burkhart, Louise M 2001 Gender in Nahuatl texts of the early Colonial period: native "tradition" and the dialogue with Christianity. *Gender in Pre-Hispanic America*, ed Cecelia F. Klein, pp 15-55. Dumbarton Oaks Research Library and Collection Washington, D.C. www.doaks.org/etexts.html

Byland, Bruce E & John M.D. Pohl 2003 Political factions in the transition from Classic to Postclassic in the Mixteca Alta. *Factional competition and political development in the New World,* eds Elizabeth M. Brumfiel & John W. Fox, pp 117-126. New Directions in Archaeology. Cambridge University Press.

*Cahill Joseph P. 2004 Genetic diversity among varieties of Chia (Salvia hispanica L.) *Genetic Resources and Crop Evolution* 51: 773–781

*Cahn Robert & Marcus Winter 1993 The San José Mogote Danzante INDIANA 13:39-64

Callaway, Carl D. 2011 Cosmogony and prophecy: Maya era day cosmology in the context of the 2012 prophecy. "Oxford IX" International Symposium on Archaeoastronomy. Proceedings IAU Symposium No. 278, ed Clive L. N. pp 192-202 Ruggles.

Campbell, David, Anabel Ford, Karen S. Lowell, Jay Walker, Jeffrey K. Lake, Constanza 2006 The feral forest of esatern Péten. *Time and complexity in historical ecology*, eds William Balée & Clark Erickson, pp 21-55. Columbia University press, New, York.

*Carballo, David M. 2011 Advances in the household archaeology of highland Mesoamerica. Journal of Archaeological Research 19:133–189.

Carlsen, Robert S & David Carrasco 1997 *The war for the heart and soul of a highland Maya town.* University of Texas Press.

*Carmack Robert M. & Silvia Salgado González 2006 A World-systems perspective on the archaeology and ethnohistory of the Mesoamerican/lower Central American border *Ancient Mesoamerica*, 17: 219–229

*Carrasco David; Lindsay Jones & Scott Sessions 2002 *Mesoamerica's classic heritage: from Teotihuacan to the Aztecs.* University Press of Colorado

Carrasco, David L. 1990 *Religions of Mesoamerica: cosmovision and ceremonial centers* (religious traditions of the world). Harper San Francisco.

Carrasco, David L. 1980 Quetzalcoatl's revenge: primordium and application in Aztec religion. *History of Religions*, 19(4): 296-320

Carrasco, David L. 2000City of sacrifice: the Aztec empire and the role of violence in civilization.Beacon Press.

Carrasco, David, Lindsay Jones & Scott Sessions (eds). 2002 *Mesoamerica's classic heritage:* from Teotihuacan to the Aztecs. University of Colorado press.

*Castañeda de la Paz, María 2009 Central Mexican indigenous coats of arms and the conquest of Mesoamerica. *Ethnohistory* 56 (1):125-161.

*Castañeda, Quetzil E. 2004 We are not indigenous!: An introduction to the Maya identity of Yucatan. *Journal of Latin American Anthropology* 9(1): 36-63.

*Chase, Diane Z. Arlen F. Chase, William A. Haviland 1990 The Classic Maya city: reconsidering the "Mesoamerican urban tradition" *American Anthropologist*, 92(2): 499-506

Chase. Danie & Arlen F Chase 2006 Framing the Maya collapse. Continuity, discontinuty, method and practice in the Classic to PostClassic Maya southern low lands. *After collapse. The regeneration of complex societies*, eds Glenn M Schwartz & John J. Nichols, pp 168-187. The University of Arizona Press.

*Chinchilla Mazariegos, Oswaldo 2014 Tecum, the fallen sun: Mesoamerican cosmogony and the Spanish conquest of Guatemala. *Ethnohistory* (2013) 60(4): 693-719

*Chinchilla Mazariegos, Oswaldo 2010 Of birds and insects: the hummingbird myth in ancient Mesoamarica. *Ancient Mesoamerica*, 21: 45–61

*Chinchilla Mazariegos, Oswaldo 2009 Games, courts, and players at Cozumalhuapa, Guatemala. *Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America*, eds Heather Orr & Rex Koonts, pp 139-160 Cotsen Institute of Archaeology Press.

*Christensen, Alexander F. 1998 Colonization and microevolution in Formative Oaxaca, Mexico *World Archaeology*, 30(2): 262-285

- *Clark John E. 2003 Mesoamerica goes public: early ceremonial centers, leaders, and communities. Mesoamerican Archaeology, pp 43-72, edited by: Julia A. Hewndon and Rosemary Joyce. Blackwell Publishing. Oxford.
- *Clark John E. 2007 Mesoamerica's first state. The political economy of ancient Mesoamerica. *Transformations during the formative and classic periods,* eds Vernon Scarborough & John E. Clark, pp 11-46. University of New Mexico Press, Albuquerque.
- *Clark John E. & Arlene Colman 2008 Time reckoning and memorials in Mesoamerica. *Cambridge Archaeological Journal* 18(1): 93 99.
- *Clark, Charles 2000 State leasehold and Mayan customary cultivation rights in Belize. *Society & Natural Resources*, 13(1):15 32.
- *Clark, John E & M. Blake 2000 The power of prestige. Competitive generosity and the emergence of rank societies in lowland Mesoamerica. The Ancient Civilizations of Mesoamerica. A Reader, eds Smith, Michael & Marilyn A. Masson .pp 254-270. Blackwell Publishers.
- *Clark, John E. 1997 The arts of government in early Mesoamerica. *Annual Review of Anthropology* 26:211-234.
- *Clayton, Sarah C. 2013 Measuring the long arm of the state: Teotihuacan's relations in the basin of Mexico *Ancient Mesoamerica* 24(01): 87 105
- *Clayton, Sarah C. 2005 Archaeology interregional relationships in Mesoamerica: interpreting Maya ceramics at Teotihuacan. *Latin American Antiquity*, 16(4):427-448.

Clendinnen, Inga 1989 *Ambivalent conquests: Maya and Spaniard in Yucatan, 1517-1570.* Cambridge University Press.

- *Closs, Michael P. 1988 The penis-headed manikin glyph American Antiquity, 53(4):804-811
- *Coe, D. Michael 1972 Olmec jaguars and Olmec kings. *The Feline. A Conference in Pre-Columbian Iconography. October 31st and November 1st, 1970,* eds, Elizabeth P. Benson, pp 1-18.Dumbarton Oasks Research. Harvard University, Washington, D.C.

Coe, Michael 1974 A carved wooden box from the Classic Maya cvilization. *Primera Mesa Redonda de Palengue, Part II*, pp 51-58. ed, Merle Greene Robertson. Pebble Beach, California

- *Coe, Michael D. 1981 Religion and the rise of Mesoamerican states. *The Transition to State Hood in the New World*, eds, G.D. Jones & R.R. Kautz pp 157-171 Cambridge University Press.
- *Coe, Michael D. 1977 Mexico. New York: Praeger.

Coe, Michael D. 1996 *The Olmec world: ritual and rulership*. Art Museum at Princeton University.

*Coe, Michael D. 2002 Mexico: from the Olmecs to the Aztecs. Thames and Hudson.

Coe, Sophie D. 1994 America's first cusines. University of Texas Press.

*Cohodas, Marvin 1975 The synbolism and ritual function of the Middle Classic ball game in Mesoamerica. *American Indian Quarterly* 2(2): 99-130.

*Connell, Samuel V. 2002 Getting closer to the source: using ethnoarchaeology to find ancient pottery making in the Naco Valley, Honduras. *Latin American Antiquity* 13(4): 401-417.

*Conway, Richard 2012 Lakes, canoes, and the aquatic communities of Xochimilco and Chalco, New Spain. *Ethnohistory* 59(3): 541-568.

*Cowgill, George 2008 An update on Teotihuacan. Latin American Antiquity 82(318): 962-975.

Cowgill, George L. 2015 The Teotihuacan mapping project: experiences with data files, big questions, and some research priorities for Teotihuacan *Ancient Mesoamerica* 26(1):153 - 161

*Cowgill, George L. 2000 State and society at Teotihuacan, Mexico. The Ancient Civilizations of Mesoamerica. A Reader, eds Smith, Michael & Marilyn A. Masson, pp 300-323. Blackwell Publishers.

*Crist, Raymond E. & Louis A. Paganini 1980 The rise and fall of Maya civilization The *American Journal of Economics and Sociology*, 39(1): 23-30

*Crumley Carole L. 2003 Alternative forms of social order. Heterachy, political economy and the ancient Maya. *The Three Rivers Region of the East-Central Yucatan Peninsula*, eds Vernon L. Scarborough, Fred Valdez Jr. &Nicholas Dunning, pp 136-145. The University of Arizona Press

*Culbert, Patrick T. 1983 Mesoamarica. *Ancient South Americans*, ed Jesse D. Jennings, pp 25-85. W.H. Freeman and Company. San Francisco.

Culbert, T. Patrick, Don S. Rice (eds). 1990 *Precolumbian population history in the Maya lowlands*. University of New Mexico Press.

*Curet, Antonio 1993 Regional studies and ceramic production areas: an example from La Mixtequilla, Veracruz, Mexico. *Journal of Field Archaeology* 20: 427-440.

*Cyphers Ann & Anna Di Castro 2009 Early Olmec architecture and imagery. *The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery*, eds William L. Flash & Leonardo López Luján. Pp 21-52. Dumbarton Oaks, Washington

- *Cyphers, Ann & Judith Zurita-Noguera 2012 Early Olmec wetland mounds investing energy to produce energy Early New World Monumentality, eds Burger, Richard L., & Rosenswig, Robert M., pp 138-173. Gainesville, FL, USA: University Press of Florida
- *Dahlin, Bruce H. Christopher T. Jensen, Richard E. Terry, David R. Wright, Timothy Beac 2007 In search of an ancient Maya market. *Latin American Antiquity*, 18(4): 363-384.
- *Dahlin, Bruce 2009 Ahead of its time? The remarkable Early Classic Maya economy of Chunchucmil. *Journal of Social Archaeology* 9(3): 341–367.
- *Dahlin, Bruce H., Timothy Beach, Sheryl Luzzadder-Beach, David Hixson, Scott Hutson, 2005 Reconstructing agricultural self-sufficiency at Chunchucmil, Yucatan, Mexico. *Ancient Mesoamerica* 16(2): 229-247.
- *Davies, Nigel 1979 The Toltec heritage: from the fall of Tula to the rise of Tenochtitlan. University of Oklahoma Press.
- *Davis-Salazar, Karla 2007 Ritual consuption and the origins of social inequality in early formative Copan, Honduras. *Mesoamerican ritual economy. Anthropological and ethnological perspectives*, eds E. Christian Wells & Karla L. Davis-Salazar, pp 197-220. University press of Colorado
- *Day, Jane Stevenson 2009 Heads of flesh and stone. *Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America*, eds Heather Orr & Rex Koonts, pp 223-246 Cotsen Institute of Archaeology Press.
- *De Rojas, Jose Luis 2014 Tenochtitlan capital of the Aztec empire. University Press of Florida
- *Deevey, Edward S. 1944 Pollen analysis and Mexican archaeology: an attempt to apply the method. *American Antiquity* 10:135-149.

Demarest, Arthur 2004 Ancient Maya. *The rise and fall of a rainforest civilization*. Cambridge University Press.

*Demarest, Arthur 2000 Ideology in ancient Maya cultural evolution. The dynamics of galactic polities. *The Ancient Civilizations of Mesoamerica. A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 279-299. Blackwell Publishers.

Deveport Bryce & Charles Golden 2016 Landscape, lordship, and sovereignty in Mesoamerica. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 181-216. University press of Colorado.

*Diehl, Richard 2004 The Olmecs. America's first civilization. Thames & Hudson.

- *Diel, Lori Boornazian 2007 Till death do us part. Unconventional marriages as Aztec political strategy. *Ancient Mesoamerica* 18: 259–272
- *Dixon, Boyd 1989 A preliminary settlement pattern study of a prehistoric cultural corridor: the Comayagua valley, Honduras. *Journal of Field Archaeology* 16:257-271.
- *Dobrin, Lise M. & Ira Bashkow 2009 The archaeology of sustainability: Mesoamerica. *Ancient Mesoamerica* 20:197–203.
- *Drennan, Robert & Haller Mikael 2007 The local village community and the large political economy. Formative and classic interactions in the Tehuacan valley comapred to the valley of Oaxaca and the basin of Mexico. The political economy of ancient Mesoamerica.

 Transformations during the formative and Classic periods, eds Vernon Scarborough & John E. Clark, pp 65-81. University of New Mexico Press, Albuquerque.
- *Drennan, Robert D. 1984 Long-distance movement of Goods in the Mesoamerican formative and Classic. *American Antiquity*, 49(1):27-43
- *Drennan, Robert D. 1984 Long-distance transport costs in Pre-Hispanic Mesoamerica *American Anthropologist*, 86(1): 105-112
- *Drennan, Robert; Philip T. Fitzgibbons & Heinz Dehn 2000 Import and exports in Clasic Mesoamerican political economy. The Tehuacan Valley and the Teotihuacán obsidian industry. *The Ancient Civilizations of Mesoamerica. A Reader.* eds Smith, Michael & Marilyn A. Masson .pp 174-190. Blackwell Publishers.
- *Duncan, William N. Andrew K. Balkansky, Kimberly Crawford, Heather A. Lapham, & Nat 2008 Human cremation in Mexico 3,000 years ago. *PNAS* 105(14): 5315–5320.
- *Endfield, Georgina H., Isabel Fernández Tejedo & Sarah L. O'Hara 2004 Drought and disputes, deluge and dearth: climatic variability and human response in colonial Oaxaca, Mexico. *Journal of Historical Geography* 31(2): 249-276.
- *England, Nora C. 2003 Mayan language revival and revitalization politics: linguists and linguistic ideologies *American Anthropologist*, 105(4): 733-743
- *Ernandes, Michele; Cedrini, Rita; Giammanco, Marco; La Guardia, Maurizio. 2002 Aztec cannibalism and maize consumption: the serotonin deficiency link. *Mankind Quarterly* 43(1): 3-40.
- *Estrada-Belli, Francisco 2006 Lightning sky, rain, and the maize God: The ideology of Preclassic Maya rulers at Cival, Peten, Guatemala. *Ancient Mesoamerica* 17(1): 57-78.

Estrada-Belli, Francisco 2011 The first Maya civilization. Ritual and power before the classic period. Routledge

*Evabs, S usan Toby 2008 Ancient Mexico & Central America: archaeology and culture history Thames & Hudson

*Evan, Susan Toby 2001 Aztec-period political organization in the Teotihuacan Valley. Otumba as a city-state. *Ancient Mesoamerica* 12:89-100.

*Evans, Susan T. 1985 The Cerro Gordo site: a rural settlement of the Aztec period in the basin of Mexico. *Journal of Field Archaeology* 12: 1-18.

Evans, Susan Toby 2004 Aztec palaces and other elite residential architecture. Palaces of the ancient world. A Symposium at Dumbarton Oaks 10th and 11th October 1998, eds Susan Toby Evans & Joanne Pillsbury, pp 7-58. Dumbarton Oaks Research Library and Collection Washington, D.C.

*Evans, Susan Toby 2013 Ancient Mexico & Central America. Archaeology and cultural history. Thames & Hudson.

Everton, MacDuff 1991 *The modern Maya:a culture in transition.* University of New Mexico Press.

Fash, Barbara W & William L. Fash 2007 The roles of the ball games in Mesoamarican ritual economy. Mesoameriacn ritual economy. Archaeological and ethnographic perspectives, eds, Christian Wells & Carla Davis-Salazar, pp 267-284. University of Colorado press.

Fash, Barbara W. 2009 Watery places and urban foundations depicted in Maya art and architecture. *The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery,* eds William L. Flash & Leonardo López Luján. Pp 230-259. Dumbarton Oaks, Washington

*Fash, Barbara; William Fash; Sheree Lane; Rudy Larios; Linda Schele; Jeffrey Stomper & 1992 Investigations of a Classic Maya council house at Copán, Honduras. *Journal of Field Archaeology* 19: 419-442.

*Fash, William L. 1994 Changing perspectives on Maya civilization. Annual Review of Anthropology 23:181-208.

Fash, William, Alexander Tokovinine & Barbara W. Fash 2009 The house of new fire at Teotihuacan and its legacy in Mesoamerica. *The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery,* eds William L. Flash & Leonardo López Luján. Pp 201-229. Dumbarton Oaks, Washington

Fedick, Scott L 1996 *The managed mosaic: ancient Maya agriculture and resource use.* University of Utah Press

Feinman Gary & Linda M Nicholas 2007 The socioeconomic organization of the classic period Zapotec state. A booton up perspective from El Pamillo. *The political economy of ancient Mesoamerica. Transformations during the formative and classic periods*, eds Vernon Scarborough & John E. Clark, pp 135-147. University of New Mexico Press, Albuquerque.

*Feinman, Gary M & Linda M. Nicholas 2000 New perspectives on prehispanic highland Mesoamerica. A macroregional approach. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 204-216. Blackwell Publishers.

Feinman, Gary M & Linda M. Nicholas 2004 Unraveling the prehispanic highland Mesoamerican economy. Production, exchange, and consumption in the Classic period valley of Oaxaca. Archaeological perspectives on political economies, eds Gary M. Feinman & Linda M. Nicholas, pp167-188. University of Utha Press. Salt Lake City.

*Feinman, Gary M; Linda M. Nicholas; Helen R. Haines 2002 Houses on a hill: Classic period life at El Palmillo, Oaxaca, Mexico. *Latin American Antiquity* 13(3):251-277.

*Feinman, Gary M; Sherman Banker; Reid F. Cooper; Glen B. Cook & Linda M. Nicholas 1989 A technological perspective on changes in the ancient Oaxacan Grayware ceramic tradition: preliminary results. *Journal of Field Archaeology* 16: 331-344.

*Feinman, Gary M; Stephen A Kowalewski; Laura Finsten; Richard E. Blanton & Linda Nic 1985 Long-term demographic change: a perspective from the Valley of Oaxaca, Mexico *Journal of Field Archaeology* 12: 333-362.

*Ferrand Ezgi Akpinar, Nicholas P. Dunning, David L. Lentz, and John G. Jonesd 2012 Use of aguadas as water management sources in two southern Maya lowland sites. *Ancient Mesoamerica* 23:85–101.

*Ferriz, Horacio 1985 Caltonac, a prehispanic obsidian-mning center in eastern Mexico?: a preliminary report. *Journal of Field Archaeology* 12: 363-370.

Fitzsimmons, J ames; & Izu Shimada 2011 *Living with the dead: mortuary ritual in Mesoamerica* University of Arizona Press

Flannery Kent V. 1976 The village and Its catchment area. *Early Mesoamerican village*, ed K. Flannery. pp 91-95. New York, Academic Press.

Flannery Kent V. 1976 Empirical determination of site catchment in Oaxaca and Tehucán. *Early Mesoamerican Village*, ed . K. Flannery. pp 103-11. New York, Academic Press.

- *Flannery Kent V. 2002 The origins of the village revisited: from nuclear to extended households. *American Antiquity* 67(3):417-433.
- *Flannery Kent V.& Joyce Marcus 2000 Formative mexican cheifdoms and the myth of the "Mother culture". *Journal of Anthropological Archaeology* 19:1-37.
- *Flannery Kent V.& Marcus C. Winter 2000 Analyzing household activities. The Ancient Civilizations of Mesoamerica. A Reader, eds Smith, Michael & Marilyn A. Masson .pp 26-38. Blackwell Publishers.
- *Flannery Kent V.(Ed). 1976 Early Mesoamerican village. New York, Academic

Flannery Kent V., Anne V. T. Kirkby. Michael J. Kirkby & Aubrey W. Williams, Jr. 1974 Farming systems and political growth in ancient Oaxaca. *Man in Adaptation. The biosocial Background*, ed A. Cohen Pp 453-452. Aldine Publishing Company.

- *Flannery, Kent V. Andrew K. Balkansky, Gary M. Feinman, David C. Grove, Joyce Marcu 2005 Implications of new petrographic analysis for the Olmec "Mother Culture" Model *Proceedings* of the National Academy of Sciences of the United States of America, 102(32): 11219-11223
- *Ford, Anabel & Scott Fedick 1992 Prehistoric Maya settlement patterns in the upper Belize River area: initial results of the Belize River archaeological settlement survey. Journal of Field Archaeology 19:35-49.
- *Foster, Michael S. 1986 The Weicker site: a loma San Gabriel hamlet in Durango, Mexico. Journal of Field Archaeology 13:7-19.
- *Fowler William R., Jr. & Howard H. Earnest, Jr. 1985 Settlement patterns and prehistory of the Paraíso Basin of El Salvador. *Journal of Field Archaeology* 12:19--32
- *Fox, John Gerard; Wendy Ashmore; John H. Blitz; Susan D. Gillespie; Stephen D. Housto 1996 Playing with power: Ballcourts and political ritual in Southern Mesoamerica [and comments and reply]. *Current Anthropology* 37(3): 483-509.

Fox, John W. 2003 Political cosmology among the Quiché Maya. *Factional competition and political development in the New World,* eds Elizabeth M. Brumfiel & John W. Fox, pp 158-170. New Directions in Archaeology. Cambridge University Press.

*Freidel, David & Linda Schele 2000 Kinship in the late Preclassic Maya lowlands. The instruments and places of ritual power. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 422-440. Blackwell Publishers.

Freidel, David; Linda Schele & Joy Parker 1993 Maya cosmos. Three thousand years on the shaman's path. Quill William Morrow. New York.

- *Gaines, Edmund P. Guadalupe Sanchez & Vance T. Holliday 2009 Paleoindian archaeology in Northern and Central Sonora, Mexico: a review and update Kiva 74(3): 305-335
- *Galindo-Tovar María Elena, Enisao Ogata-Aguilar E, Amaury M. Arzate-Fernández 2008 Some aspects of avocado (Persea americanaMill.) diversity and domestication in Mesoamerica. Genetic Resources and Crop Evolution 55:441–450
- *Galinier, Jacques 2004 From the savage to the imperial indian: Identity quests in contemporary Mexico. *History & Anthropology* 15(3): 223-231.

Garber, James 2004 *The ancient Maya of the Belize Valley : half a century of archaeological research.* University Press of Florida

- *Geller, Pamela L. 2012 Parting (with) the dead: body partibility as evidence of commoner ancestor veneration. *Ancient Mesoamerica* 23:115–130.
- *Gilla, Richardson B. and Jerome P. Keatingb 2002 Volcanism and Mesoamerican archaeology. *Ancient Mesoamerica* 13:125–140.
- *Gillespie Susan D. &Rosemary A. Joyce 1998 Deity relationships in Mesoamerican cosmologies. Ancient Mesoamerica, 9: 279-296
- *Gillespie, Susan D. 2001 Personhood, agency, and mortuary ritual: a case study from the ancient Maya. *Journal of Anthropological Archaeology* 20:73-112

González Licón, Ernesto 2004 Royal palaces and painted tombs: state and society in the Valley of Oaxaca. *Palaces of the ancient world. A Symposium at Dumbarton Oaks 10th and 11th October 1998*, ed Susan Toby Evans & Joanne Pillsbury, pp 83-111. Dumbarton Oaks Research Library and Collection Washington, D.C.

*Gonzalez, Silvia, Huddart, David and Bennett, Matthew 2006 Valsequillo Pleistocene archaeology and dating: ongoing controversy in Central Mexico. *World Archaeology*, 38(4): 611 - 627

Gossen, Gary H (Ed.) 0 Symbols and meanings beyond the closed community: essays in Mesoamerican ideas. IMS Studies in Culture and Society.

*Gossen, Gary H. 1996 Maya Zapatistas move to the ancient future. *American Anthropologists* 98(3):528-538.

Gossen, Gary H. 1984 *Chamulas in the world of the sun: Time and space in a Maya oral tradition.* Waveland Press.

- *Graham, Elizabeth & David M. Pendergast 1989 Excavations at the Marco Gonzalez site, Ambergris Cay, Belize, 1986. *Journal of Field Archaeology* 16: 1-16.
- *Graham Elizabeth, Scott E. Simmons & Christine D. White 2013 The Spanish conquest and the Maya collapse: how 'religious' is change? *World Archaeology* 45(1): 161–185

Grove, David & Susan D. Gilliespie 2009 People of the Cerro: landscape, settlement, and art at middle formative period Chalcatzingo. The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery, eds William L. Flash & Leonardo López Luján. Pp 53-76. Dumbarton Oaks, Washington

- *Guderjan ,Thomas H., James F. Garber, Herman A. Smith, Fred Stross, Helen V. Michel, 1989 Maya maritime trade and sources of obsidian at San Juan, Ambergris Cay, Belize. *Journal of Field Archaeology* 16: 363-369.
- *Guderjan, Thomas H. 2006 E-groups, pseudo -e groups, and the development of the classic Maya identity in the eastern Peten. *Ancient Mesoamerica* 17(1): 97-104.
- *Gunn Joel D., Ray T. Matheny & William J. Folanc 2002 Climate-change studies in the Maya area A diachronic analysis. *Ancient Mesoamerica* 13: 79–84.
- *Gunn, Joel D. Ray T. Matheny & William J. Folan 2002 Climate change studies in the Maya area. *Ancient Mesoamerica* 13(1):79-84.
- *Hamann Byron Ellsworth 2012 Sacred geography in the Nochixtlan valley. *Ancient Mesoamerica* 23:25–45
- *Hamann, Byron Ellsworth 2008 Chronological pollution potsherds, mosques, and broken gods before and after the Conquest of Mexico. *Current Anthropology* 49(5):803-836.
- *Hammond Norman; Sara Donaghey; Colleen Gleason; J. C. Staneko; Dirk Van Tuerenho 1987 Excavations at Nohmul, Belize, 1985. Journal of Field Archaeology 14: 257-281.
- *Hammond, Norman 1991 Matrices and Maya archaeology. *Journal of Field Archaeology* 18: 29-41.

Hammond, Norman 1979 Maya Archaeology and ethnohistory. Univ of Texas Press.

*Hammond, Norman 1982 Ancient Maya civilization. Rutgers University Press.

Hammond, Norman (Ed). 1978 Social process in Maya prehistory: studies in honor of Sir Eric Thompson. Academic Press.

*Hammond, Norman (Ed). 1991 Cuello: An early Maya community in Belize. Unknown; Hammond, Norman; K. Anne Pyburn; John Rose; J.C. Staneko & Deborah Muyskens 1988 Excavation and survey at Nohmul, Belize, 1986. *Journal of Field Archaeology* 15: 1-15.

*Hansen, Richard D, Steven Bozarth, John Jacob, David Wahl & Thomas Schreiner 2002 Climatic and environmental variability in the rise of Maya civilization. A prelimary perspective from northern Peten. *Ancient Mesoamerica* 13:273-295.

*Hard, Robert J & William L. Merrill 1992 Mobile agriculturalist and the emergence of sedentism: perspectives from Nothern Mexico. *American Anthropologist* 94(3):601-620.

Hare, Timothy S 2000 Between the household and the empire: structural relationships within and among Aztec communities and polities. The archaeology of communities, eds Marcello A. Canuto & Jason Yaeger, pp 78-101.Routledge. London & New York.

*Hare, W.L. 1924 The plan and site of Tenochtitlan. Geographical Review 14(3):491

Harner, Michael 1977 The ecological basis for Aztec sacrifice. *American Ethnologist* 4(1):117-135.

Harrison, Peter D. & E. Wyllys Andrews 2004 Palaces of Tikal and Copán. Palaces of the ancient world. A Symposium at Dumbarton Oaks 10th and 11th October 1998, eds, Susan Toby Evans & Joanne Pillsbury, pp 113-147. Dumbarton Oaks Research Library and Collection Washington, D.C.

Harrison, Peter D., Colin Renfrew, Jeremy A. Sabloff 2000 *The lords of Tikal: Rulers of an ancient Maya city*. Thames & Hudson.

*Harrison-Buck, Eleanor 2012 Architecture as animate landscape: circular shrines in the ancient Maya lowlands. *American Anthropologist* 114(1): 64–80.

Hassig R 1992 War and society in ancient Mesoamerica. University of California Press

*Hassig, Ross 1981 The famine of One Rabbit: ecological causes and social consequences of a pre-Columbian calamity. *Journal of Anthropological Research* 37(2):172-182.

*Hassig, Ross 2001 *Time, history, and belief in Aztec and Colonial Mexico*. University of Texas Press

*Haviland, William A. & Huattula Moholy-Nagy 2000 Distinguishing the High and Mighty from the Hoy Polloi at Tikal, Guatemala. *The Ancient Civilizations of Mesoamerica. A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 39-48. Blackwell Publishers.

*Headrick, Annabeth 2007 *TheTeotihuacan trinity.The sociopolitical structure of an ancient Mesoamerican city.* University of Texas Press

*Healan, Dan M. 2012 The archaeology of Tula, Hidalgo, Mexico. *Journal of Archaeological Research*, 20(1): 53-115

Healy, Paul 1992 Ancient Honduras: power, wealth and rank in early chiefdoms. *Wealth and hierarchy in the iltermediate Area*, ed F.W. Lange. pp 85-108. Dumbarton Oaks Research Library and collection, Washington D.C.

*Henderson, John S. Rosemary A. Joyce, Gretchen R. Hall, W. Jeffrey Hurst, Patrick E. M 2007 Chemical and archaeological evidence for the earliest cacao beverages. *Proceedings of the National Academy of Sciences of the United States of America*, 104(48): 18937-18940

*Hendon, Julia A. 2000 Having and holding: storage, memory, knowledge, and social relations. *American Anthropologist* 102(1): 42-53.

*Hendon, Julia A. 1991 Status and power in Classic Maya society: an archaeological study. American Anthropologist 93(4):894-918.

Hicks, Frederic 2003 Alliance and intervention in Aztec imperial expansion. *Factional competition and political development in the New World*, eds Elizabeth M. Brumfiel & John W. Fox, pp 111-116. New Directions in Archaeology. Cambridge University Press.

Hill Boone Elizabeth 1998 Pictorial documents and visual thinking in Postconquest Mexico. *Native Traditions in the Postconquest World,* eds Elizabeth Hill Boone and Tom Cummins, pp 149-199. Dumbarton Oaks Research Library and Collection. Washington, D.C.

*Hill, Warren D. & John E. Clark 2001 Sports, gambling, and government: America's first social compact? *American Anthropologist*, 103(2): 331-345

*Hinton, Thomas 1956 A description of the contemporary use of an aboriginal Sonoran food. *The Kiva* 21(3):27-28. (May).

*Hirth Kenneth, 2008 Incidental urbanism: the structure of the Prehispanic city in central Mexico The ancient city. *New perspectives in the Old and New World,* eds Joyce Marcus & Jeremy A. Sabloff, pp 237-298. A school for advanced research residential scholar book, Santa fe, New Mexico.

*Hirth Kenneth, Ann Cyphers, Robert Cobean, Jason De León, Michael D. Glascock 2013 Early Olmec obsidian trade and economic organization at San Lorenzo. *Journal of Archaeological Science* 40: 2784-2798.

*Hirth, Kenneth 2000 Militarism and social organization at Xochicalco, Morelos. The Ancient Civilizations of Mesoamerica. A Reader, eds Smith, Michael & Marilyn A. Masson .pp 324-341. Blackwell Publishers.

*Hodell, David A. Mark Brenner, Jason H. Curtis, Thomas Guilderson 2001 Solar forcing of drought frequency in the Maya lowlands. *Science*, New Series, 292(5520): 1367-1370

*Hodge, Mary G.& Leah D. Minc 1990 The spatial patterning of Aztec ceramics: implications for prehispanic exchange systems in the Valley of Mexico. *Journal of Field Archaeology* 17(4): 415-437.

*Hodger, Mary 1998 Archaeological views of Aztec culture. *Journal of Archaeological Research* 6(3):197-238.

Hodger, Mary & Michael E. Smith (Eds) 1994 Economies and politics in the Aztec realm. IMS Studies in Culture and Society. *Economies and Polities in the Aztec Realm (Studies on Culture and Society*, No 6. Inst of Mesoamerican Studies.

Holley, George, R. Dalan; William I. Woods; Harold W. Watters. 2000 Implications of a buried Preclassic site. *Mounds, Modoc, and Mesoamerica: papers in honor of Melvin L. Fowler. S.R. Ahler*. Pp112-124. Illinois State Museum Scientific Papers, Vol 28.

Hoopes, John W. 2011 A critical history of 2012 mythology. "Oxford IX" International Symposium on Archaeoastronomy Proceedings IAU Symposium No. 278, Clive L. N. Ruggles, ed. International Astronomical Union.

Houdson, Stephen D 1998 Finding function and meaning in Classic Maya architecture. *Function and meaning in Classic Maya architecture*, ed Stephen D. Houston, pp 591-538. Dumbarton Oaks Trustees for Harvard University Washington, D.C.

*Houston, Stephen & Patricia A. McAnany 2003 Bodies and blood: critiquing social construction in Maya archaeology. *Journal of Anthropological Archaeology* 22:26-41.

Houston, Stephen & Takeshi Inomata 2009 The Classic Maya. Cambridge University press.

*Houston, Stephen D. 1989 Archaeology and Maya writing. *Journal of World Prehistory*, 3(1):1-32

*Houston, Stephen D. 2000 Into the minds of ancients: Advances in Maya glyph studies. *Journal of World Prehistory*, 14(2): 121-201

Houston, Stephen, Héctor Escobedo, Mark Child, Charles Golden, & René Muñoz 2010 The moral community: Maya settlement transformation at Piedras negras, Guatemala. *The social construction of ancient cities*, ed Monica L. Smith pp 212-253. Smithsonian Books

Howard, Philip & Thomas Homer-Dixon 1996 Environmental scarcity and violent conflict: the case of Chiapas, Mexico. *Occasional Paper Project on Environment, Population and Security Washington, D.C.*: American Association for the Advancement of Science and the University of Toronto.

Hull, Cindy L. 2004 Katun: a twenty-year journey with the Maya. Thomson. Wadsworth.

*Hutson Scott R, Travis W. Stanton, Aline Magnoni, Richard Terry & Jason Craner 2007 Beyond the buildings: formation processes of ancient Maya houselots and methods for the study of non-architectural space. *Journal of Anthropological Archaeology* 26: 442-473.

*Hutson, Scott R 2002 Built space and bad subjects. Domination and resistance at Monte Albán, Oaxaca, Mexico. *Journal of Social Archaeology* 2(1): 53–80.

lannone, Gyles 2014 *The great Maya droughts in cultural context : case studies in resilience and vulnerability.* University Press of Colorado

*lannone, Gyles 2002 Annales history and the ancient Maya state: some observations on the "Dynamic Model". *American Anthropologist*, 104(1): 68-78

*Inomata, Takeshi 2001 The power and ideology of artistic creation: elite craft specialists in Classic Maya society. *Current Anthropology* 42(3):321-349

Inomata, Takeshi 2016 Theories of power and legitimacy in archaeological context:the emergent regime of power at the formative Maya community of Ceibal, Guatemala. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 37-60. University press of Colorado.

*Inomata, Takeshi; Daniela Triadan; Erick Ponciano; Estela Pinto; Richard E. Terry; Marku 2002 Domestic and political lives of Classic Maya elites: the excavation of rapidly abandoned structures at Aguateca, Guatemala. *Latin American Antiquity* 13(3): 305-330.

*Inomata, Takeshi; Laura R. Stiver 1998 Floor assemblage from burned structures at Aguateca, Guatemala: A study of Classic Maya household. *Journal of Field Archaeology* 25(4):431-452.

Inomata, Takeshi; Stephen D. Houston (Eds) 2000 *Royal courts of the ancient Maya.* Westview Press.

*Ishihara Reiko 2008 Rising clouds, blowing winds: late Classic Maya rain rituals in the main chasm, Aguateca, Guatemala. *World Archaeology* 40(2): 169–189.

*Jackson, Sarah E. 2009 Imagining courtly communities: an exploration of classic Maya experiences of status and identity through painted. *Ancient Mesoamerica*, 20: 71–85.

- *Jacob John S. 1995 Ancient Maya wetland agricultural fields in Cobweb swamp, Belize: construction, chronology, and function. *Journal of Field Archaeology* 22: 175-190
- *Jaime-Riverón, Olaf 2010 Olmec greenstone in early formative. Mesoamerica: exchange and process of production. *Ancient Mesoamerica*, 21: 123–133.

Johnston Kevin & Nancy Gonlin 1998 What do houses mean? Approaches to the analysis of Classic Maya commoner residences. *Function and meaning in Classic Maya architecture*, ed Stephen D. Houston, pp 141-185. Dumbarton Oaks Trustees for Harvard University Washington, D.C.

- *Johnston, Kevin J. 2003 The intensification of pre-industrial cereal agriculture in the tropics: Boserup, cultivation lengthening, and the Classic Maya. *Journal of Anthropological Archaeology*, 22(2):126-161
- *Joyce Arthur A. 2003 Sacred space and social relations in the Classic Valley of Oaxaca. *Mesoamerican Archaeology Theory and Practice*, ed Julia A. Hewndon & Rosemary Joycem pp 192-216. Blackwell Publishing. Oxford.

Joyce Rosemary A & Julia A. Hendon 2000 Heterarchy, history, and material reality: "communities" in Late Classic Honduras. *The archaeology of communities*, eds Marcello A. Canuto & Jason Yaeger, pp 143-160Routledge. London & New York.

Joyce Rosemary A. 2003 Mesoamerica: a working model. *Mesoamerican Archaeology*, pp 1-42, eds Julia A. Hewndon and Rosemary Joyce. Blackwell Publishing. Oxford.

- *Joyce, Arthur A. 1994 Late Formative community organization and social complexity on the Oaxaca coast. *Journal of Field Archaeology* 21:147-168
- *Joyce, Rosemary A.John S. Henderson 2007 From feasting to cuisine: implications of archaeological research in an early Honduran village. *American Anthropologist*, 109(4): 642-653
- *Joyce, Arthur & Raymond G. Mueller 1997 Prehispanic human ecology of the río Verde drainage basin, México. *World Archaeology* 29(1):75-94.
- *Joyce, Arthur; Laura Arnaud Bustamante & Mare N. Levine 2001 Commoner power: A case study from the Classic Period collapse on the Oaxaca coast. *Journal of Archaeological Method and Theory* 8(4):343-385.
- *Joyce, Rosemary 2004 Unintended consequences? Monumentality as a novel experience in formative Mesoamerica. *Journal of Archaeological Method and Theory* 11(1):5-29.
- *Joyce, Rosemary A & John S. Henderson 2007 From feasting to cuisine: implications of archaeological research in an early Honduran village. *American Anthropologist*, 109(4): 642-653.

Joyce, Rosemary A. 2001 Negotiating sex and gender in Classic Maya Society. Gender in Pre-Hispanic America, ed Cecelia F. Klein, pp 109-141. Dumbarton Oaks Research Library and Collection Washington, D.C. www.doaks.org/etexts.html

Joyce, Rosemary A. 1996 The construction of gender in Classic Maya monuments. *Gender and archaeology*, ed Rita P. Wright, pp 167-195. University of Pennsylvania Press. Philadelphia.

Joyce, Rosemary A. 2008 Critical histories of archaeological practice: Latin American and North American interpretations. Evaluating multiple narratives. *Beyond nationalism, colonialist, imperialist archaeologies,* eds Junko Habu, Clare Fawcett & John Matsunaga, pp 56-68. Springer.

Joyce, Rosemary A. 1992 *Cerro Palenque: power and identity on the Maya periphery.* University of Texas Press.

*Joyce, Rosemary A. & John S. Henderson 2001 Beginnings of village life in Eastern Mesoamerica. *Latin American Antiquity*, 12(1): 5-23

Joyce, Rosemary A. & Susan D. Gillespie (Eds) 2000 *Beyond kinship: social and material reproduction in house societies.* University of Pennsylvania Press.

*Justeson, John S. 1986 The origin of writing systems: Preclassic Mesoamerica. World Archaeology, 17(3): 437-458

*Kavacevich, Brigitte 2007 Ritual, crafting and agency at the classic Maya kindom of Cancuen. Mesoamerican ritual economy. *Anthropological and ethnological perspectives,* eds E. Christian Wells & Karla L. Davis-Salazar, pp 67-114. University press of Colorado

*Kellogg, Susan 1995 The woman's room: some aspects of gender relations in Tenochtitlan in the Late Pre-Hispanic period. *Ethnohistory*, 42(1): 91-131.

*Kerr, Richard A. 2001 A variable sun and the Maya collapse. *Science*, New Series, 292(5520): 1293

*Killion Thomas W; Jeremy A Sabloff; Gair Tourtellot & Nicholas P. Dunning 1989 Intensive surface collection of residential clusters at terminal Classic Sayil, Yucatan, Mexico. *Journal of Field Archaeology* 16: 273-294.

*Killion, Thomas W. 2008 Cultivating, farming, and food containers: reflections on formative subsistence and intensification in the southern Gulf Coast Lowlands. Journal of Anthropological Research, 64(3): 367-381

*Killion, Thomas W., & Javier Urcid 2001 The Olmec legacy: cultural continuity and change in Mexico's southern Gulf Coast lowlands. *Journal of Field Archaeology*, 28(1/2): 3-25

Killion, W T homas 1992 *Gardens of prehistory : the archaeology of settlement agriculture in Greater Mesoamerica*. University of Alabama Press

King Eleanor M. & Leslie C. Shaw 2003 Heterachical approaches to site variability Heterachy, political economy and the ancient Maya. *The Three Rivers Region of the East-Central Yucatan Peninsula*, eds Vernon L. Scarborough, Fred Valdez Jr. & Nicholas Dunning, pp 64-76. The University of Arizona Press

- *King Stacie M. 2011 Thread production in early Postclassic coastal Oaxaca, Mexico: technology, intensity, and gender. *Ancient Mesoamerica* 22:323–343.
- *Klein, Cecelia F. Eulogio Guzmán, Elisa C. Mandell & Maya Stanfield-Mazzi. 2002 The role of shamanism in Mesoamerican art. *Current Anthropology* 43(3):383-419.
- *Klooster, Dan 2006 Environmental certification of forests in Mexico: the political ecology of a nongovernmental market intervention. *Annals of the Association of American Geographers*, 96(3): 541–565 r 20
- *Knowlton Timothy W. & Gabrielle Vail 2010 Hybrid cosmologies in Mesoamerica: A reevaluation of the Yax Cheel Cab, a Maya World Tree. *Ethnohistory* 57(4): 709-739
- *Koontz, Rex 2009 Investiture and violence at El Tajín and Cacaxtla. *Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America,* pp 73-95 eds Heather Orr & Rex Koonts, Cotsen Institute of Archaeology Press.

Kowalewski, Stephen 2003 Interbal subdivisions of communities in the prehispanic Valley of Oaxaca. Factional competition and political development in the New World, eds Elizabeth M. Brumfiel & John W. Fox, pp 127-137. New Directions in Archaeology. Cambridge University Press.

- *Kowalewski, Stephen 1990 The evolution of complexity in the Valley of Oaxaca. *Annual Review of Anthropology* 19:39-58.
- *Kowalewski, Stephen A 2003 Scale and the explanation of demographic change: 3,500 years in the Valley of Oaxaca. *American Anthropologist*, New Series, 105(2): 313-325.
- *Kowalewski, Stephen A. & Laura Finsten 1983 The economic systems of ancient Oaxaca: a regional perspective. *Current Anthropology* 24(4): 413-441.

Kurnick, Sarah 2016 Paradoxical politics: negotiation the contradictions of political authority. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 3-36. University press of Colorado.

*Lambert, J. D. H. & J.T. Arnason. 1982 Ramon and Maya ruins: an ecological, not an economic, relation. *Science* 216(4543):298-299.

Landa, Diego 1978 Yucatan Before and After the Conquest. Dover Pubns.

- *Laughlin, Robert M. 1995 From all for all: A Tzotzil-Tzeltal tragicomedy. *American Anthropologist*, 97(3): 528-542
- *Leigh, David S. Stephen A. Kowalewski & Genevieve Holdridge 2013 3400 years of agricultural engineering in Mesoamerica: lama-bordos of the Mixteca Alta, Oaxaca, Mexico. *Journal of Archaeological Science* 40: 4107-4111.
- *Lesure Richard G. 2003 Shared art styles and long-distance contact in early Mesoamerica. *Mesoamerican Archaeology,* pp 73-96, edited by: Julia A. Hewndon and Rosemary Joyce. Blackwell Publishing. Oxford.
- *Lesure, Richard G & Michael Blake 2002 Interpretive challenges in the study of early complexity: economy, ritual, and architecture at Paso de la Amada, Mexico. *Journal of Anthropological Archaeology* 21:1-24.
- *Lesure, Richard G. 1997 Early formative platforms at Paso de la Amada, Chiapas, Mexico Latin American Antiquity, 8(3): 217-235
- *Lesure, Richard G. 2002 The Goddess diffracted: thinking about the figurines of early villages. *Current Anthropology*, 43(4):587-610
- *Lesure, Richard G. Aleksander Borejsza, Jennifer Carballo, Charles Frederick, Virginia P 2006 Chronology, subsistence, and the earliest Formative of central Tlaxcala, Mexico *Latin American Antiquity*, 17(4):474-492
- *Leyden, Barbara W. 2002 Pollen evidences for climatic variability and cultural disturbance in the Maya Lowlands. *Ancient Mesoamerica* 13:85-101.
- *Loewe, Ron 2009 Maya reborn. Reviews in Anthropology, 38:237–262.
- *Lohse, Jon C. 2010 Archaic origins of the lowland Maya. *Latin American Antiquity*, 21(3): 312-352
- *Lohse, Jon C. Jaime Awe, Cameron Griffith, Robert M. Rosenswig, Fred Valdez, Jr. 2006 Preceramic occupations in Belize: updating the Paleoindian and Archaic record. *Latin American Antiquity*, 17(2): 209-226
- *López, John F. 2014 Indigenous commentary on sixteenth-century Mexico city *Ethnohistory* 61(2): 253-27

*Love, Michael 2007 Recent research in the Southern highlands and Pacific coast of Mesoamerica. *Journal of Archaeological Research* 15(4):275–328.

Lowe, John W.G. 1985 *The dynamics of apocalypse : a systems simulation of the Classic Maya Collapse.* University of New Mexico Press.

*Lucero Lisa J 2010 Materialized cosmology among ancient Maya commoners. *Journal of Social Archaeology* 10(1): 138–167

*Lucero, Lisa J. 2007 Classic Maya temples, politics, and the voice of the people. *Latin American Antiquity*, 18(4): 407-427.

*Lucero, Lisa J 2010 Materialized cosmology among ancient Maya commoners. *Journal of Social Archaeology* 10(1): 138–167.

*Lucero, Lisa J. 2003 The politics of ritual. The emergence of classic Maya rulers. Current Anthropology 44(4):523-558.

*Lucero, Lisa J. 2002 The collapse of the Classic Maya: a case for the role of water control. American Anthropologist, 104(3): 814-826

Luján, Leonardo López Ximena Chávez Balderas, Belem Zúñiga-Arellano, 2014 Animal offerings at the foot of the great temple of Tenochtitlan. *Animals and inequality in the ancient world Entering the Underworld*, eds Benjamin S. Arbuckle & Sue Ann McCarty, pp 33-62. University Press of Colorado

*Lynn Stephen 2002 Sexualities and genders in Zapotec Oaxaca. *Latin American Perspectives* 29: 41-59

*MacNeish, Richard & Antoinette Nelkin-Turner 1983 The preceramic of Mesoamerica. *Journal of Field Archaeology* 10(1)71-84

*MacNeish, Richard S. & Mary W. Eubanks 2000 Comparative analysis of the Río Balsas and Tehuacán models for the origin of maize. *Latin American Antiquity* 11(1): 3-20.

*Manahan, Kam T. 2004 The way things fall apart: social organization and the Classic Maya collapse of Copan. *Ancient Mesoamerica* 15(1):107-125.

*Manzanilla, Linda 2003 Social identity and daily life at Classic Teotihuacan. *Mesoamerican Archaeology Theory and Practice*, eds Julia A. Hewndon & Rosemary Joyce, pp 124-147. Blackwell Publishing. Oxford.

*Manzanilla, Linda 2000 Corporate groups and gomestic activities at Teotihuacan. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 82-106. Blackwell Publishers.

*Marcus Joyce & Kent V. Flannery 2004 The coevolution of ritual and society: New 14C dates from ancient Mexico. *PNAS* 101(5):18257–18261

Marcus Joyce & Kent V. Flannery 1994 Ancient Zapotec ritual and religion: an application of the direct historical approach. *The ancient mind elements of cognitive archaeology,* eds Colin Renfrew & Ezra B Zubrow, pp 55-74. Cambridege University Press

*Marcus Joyce & Kent V. Flannery 2000 Cultural evolution in Oaxaca: the origins of the Zapotec and Mixtec civilizations. *The Cambridge History of the Native Peoples of the Americas,* eds Richard E. W. Adams & Murdo J. MacLeod, pp 358-406. Cambridge University Press http://dx.doi.org/10.1017/CHOL9780521351652.009

*Marcus, Joyce 1978 Archaeology and religion: a comparison of the Zapotec and Maya. World Archaeology 10(2):172-191.

*Marcus, Joyce 1974 The iconography of power among the Classica Maya. World Archaeology 6(1):83-94.

*Marcus, Joyce 2000 On the nature of the Mesoamerican city. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 48-82. Blackwell Publishers.

*Marcus, Joyce 2003 Recent advances in Maya archaeology. *Journal of Anthropological Research* 11(2):71-148.

Marcus, Joyce 2000 Toward and archaeology of communities. *The archaeology of communities,* eds Marcello A. Canuto & Jason Yaeger, pp 231-242. Routledge. London & New York.

Marcus, Joyce 1999 Men's and women's ritual in formative Oaxaca. Social Patterns in Pre-Classic Mesoamerica, ed David C. Grove, pp 67-96. Dumbarton Oaks Research Library and Collection Washington, D.C. www.doaks.org/etexts.html

*Marcus, Joyce 2002 Maya hieroglyphs: history or propaganda? *Archaeology Readings in Method and Practice*, eds Peter N. Peregrine; Carol R. Ember & Melvin Ember, pp 192-209. Prentice Hall. New Jersey.

*Marcus, Joyce & Kent V. Flannery 2000 Ancient Zapotec ritual and religion. An application of the direct historical approach. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 400-421. Blackwell Publishers.

Martin, Simon 2016 Reflections on the archaeopolitical:pursuing the universal within a unity of opposites. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 241-278. University press of Colorado.

*Masson, Marilyn 2000 Postclassic Maya ritual at Laguna de on island, Belize. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 441-467. Blackwell Publishers.

*Masson, Marilyn A., David A. Freidel 2012 An argument for Classic era Maya market exchange. Journal of Anthropological Archaeology 3: 455–484.

*Masson, Marilyn, Thimothy Hare & Carlos Peraza Lope 2006 Postclassic Maya society regenerated at Mayapan. *After collapse. The regeneration of complex societies,* eds Glenn M Schwartz & John J. Nichols, pp 188- 207. The University of Arizona Press.

Mastache, Guadalupe, Dan M. Healan & Robert H. Cobean 2009 Four hundred yeats of settlement and cultural continuity in epiclassic and early postclassic Tula. *The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery,* eds William L. Flash & Leonardo López Luján. Pp 290-329. Dumbarton Oaks, Washington

*Mathews, Jennifer & James F. Garber 2004 Models of cosmic order. Physical expression of sacred space among the ancient Maya. *Ancient Mesoamerica* 15:49-59.

*Mathews, Peter 2000 Classic Maya emblem glyphs. *The Ancient Civilizations of Mesoamerica.* A Reader, eds Smith, Michael & Marilyn A. Masson .pp 271-278. Blackwell Publishers.

Mathews, Peter 1996 Maya hieroglyph workshop at Calgary. Department of Archaeology, University of Calgary November 9-10. Calgary

Matos Moctezuma, Eduardo 1979 Notas sobre el proceso de desarrollo en el centro de México. *Nueva Antropología* 12:93-110.

*McAnany, Patricia 2000 Living with the ancestors. Kinship and kingship in ancient Maya society. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 483-467. Blackwell Publishers.

McAnany, Patricia 1998 Ancestors and the Classic Maya built environment. *Function and meaning in Classic Maya architecture*, Ed Stephen D. Houston, pp 271-298. Dumbarton Oaks Trustees for Harvard University Washington, D.C.

McAnany, Patricia A. 2004 Appropriative economies. Labor obligation and luxury goods in ancient Maya societies. *Archaeological perspectives on political economies*, eds Gary M. Feinman & Linda M. Nicholas, pp145-165. University of Utha Press. Salt Lake City.

*McCafferty Sharisse D.& Geoffrey G. McCafferty 1994 The conquered women of Cacaxtla. *Ancient Mesoamerica* 5(2):159 - 172.

*McClung de Tapia, Emily 2015 Holocene paleoenvironment and prehispanic landscape evolution in the basin of Mexico. *Ancient Mesoamerica* 26:375-389

McClung de Tapia, Emily 2006 The origins of agriculture in Mesoamarica and Central America *The origins of agriculture: an international perspective,* eds Nancy L Benco; C Wesley Cowan & Patty Jo Watson, pp 143-171. University of Alabama Press

McGee, Jon R 2001 Watching Lacandon Maya lives. Allyn & Bacon.

McKillop, Hearher 2006 *The ancient Maya. New perspectives.* W.W. Norton & Company. New York, London

*Me-Bar Y. & F. Valdez, Jr. 2005 On the vulnerability of the ancient Maya society to natural threats. *Journal of Archaeological Science* 32(6):813-825.

*Meggers, Betty J. Jeffrey P. Blomster 2005 The origins of Olmec civilization. *Science*, New Series, 309(5734): 556

Menéndez Graza, Fernando 1991 México city's program to reduce air pollution. *Economic development and environmental protection in Latin America*, eds Joseph S. Tulchin & Andrew I. Rudman. Pp 103-107 Lynne Rienner Publishers. Boluder & London.

*Messenger, Lewis C. 2002 Los Mayas y el Niño. Ancient Mesoamerica 13(1):159-170.

Miller, Mary 1998 A design for meaning in Maya architecture *Function and meaning in Classic Maya architecture*, ed Stephen D. Houston, pp 187-222. Dumbarton Oaks Trustees for Harvard University Washington, D.C. Dumbarton Oaks.

*Millon, Réne & Jeffrey H. Altschul 2015 The making of the map: the origin and lessons of the Teotihuacan mapping project. *Ancient Mesoamerica* 26(01):135 - 151

*Moholy-Nagy, Hattula 1997 Middens, construction fill, and offerings: evidence for the organization of Classic period craft production at Tikal, Guatemala. *Journal of Field Archaeology* 24: 293-313.

*Mollenhauer, Jillian 2014 Sculpting the past in Preclassic Mesoamerica: Olmec stone monuments and the production of social memory. *Ancient Mesoamerica* 25(01):11 - 27

*Monaghan, John 1996 Fiesta finance in Mesoamerica and the origins of a gift exchange system. *Journal of the Royal Anthropological Institute* 2(3):499-116.

- *Monaghan, John Arthur A. Joyce and Ronald Spores 2003 Transformations of the indigenous cacicazgo in the nineteenth Century. *Ethnohistory*, 50(1):131-150.
- *Montmollin, Olivier de 1997 A regional study of Classic Maya ballcourts from the upper Grijalva basin, Chiapas, Mexico. *Ancient Mesoamerica* 8(1):23 41.
- *Morehart, Christopher T. 2012 What if the Aztec empire never existed? The prerequisites of empire and the politics of plausible alternative histories. *American Anthropologist* 114(2): 267–281.
- *Mundy, Barbara E. 2014 Place-names in Mexico-Tenochtitlan. *Ethnohistory* (2014) 61(2): 329-355
- *Neff Hector; Ronald L. Bishop & Dean E. Arnold 1998 Reconstructing ceramic production from ceramic compositional data: an example from Guatemala. *Journal of Field Archaeology* 15: 339-348
- *Neff, HectorJeffrey Blomster, Michael D. Glascock, Ronald L. Bishop, M. James Blackma 2006 Methodological issues in the provenance investigation of early formative Mesoamerican ceramics. *Latin American Antiquity*, 17(1):54-76
- *Neff, Hector 2011 Evolution of the Mesoamerican mother culture. *Ancient Mesoamerica*, 22: 107–122
- *Neff, Hector Deborah M. Pearsall, John G. Jones, Bárbara Arroyo, Shawn K.Collins, Doro 2006 Early Maya adaptive patterns: mid-late Holocene Paleoenvironmental evidence from Pacific Guatemala. *Latin American Antiquity*, 17(3): 287-315.
- *Neff,Hector Jeffrey Blomster, Michael D. Glascock, Ronald L. Bishop, M. James, Blackm 2006 Methodological issues in the provenance investigation of Early Formative Mesoamerican ceramics. *Latin American Antiquity* 17(1):54-76.
- *Nelson Ben A. 1997 Chronology and stratigraphy at La Quemada, Zacatecas, Mexico. *Journal of Field Archaeology* 24: 85-109.

Nelson, Ben A. 2004 Elite residences in west Mexico. *Palaces of the ancient world. A Symposium at Dumbarton Oaks 10th and 11th October 1998,* eds Susan Toby Evans & Joanne Pillsbury, pp 59-81. Dumbarton Oaks Research Library and Collection Washington, D.C.

Newsome, Elizabeth A 2001 *Trees of paradise and pillars of the World. The serial Stela cycle of "18-Rabbit-God K" king of Copán.* University of Texas press, Austin.

*Nichols Deborah L 1988 Infrared aerial photography and prehispanic irrigation at Teotihuacán: the Tlajinga canals. *Journal of Field Archaeology* 15: 17-27.

- *Nichols Deborah L. 2003 The rural and urban landscapes of the Aztec state: regional perspectives and the Basin of Mexico settlement pattern project. *Mesoamerican Archaeology Theory and Practice*, eds Julia A. Hewndon & Rosemary Joyce, pp 265-295. Blackwell Publishing. Oxford.
- *Nichols Deborah L. 2015 Intensive agriculture and early complex societies of the basin of Mexico: the formative period. *Ancient Mesoamerica* 26(0): 407 421
- *Nichols, Deborah L. Mary Jane McLaughlin & Maura Benton 2000 Production intensification and regional specialization. *Ancient Mesoamerica* 11(2): 267-291.
- *Nielsen Jesper & Christophe Helmke 2011 Reinterpreting the Plaza de los Glifos, la Ventilla, Teotihuacan. *Ancient Mesoamerica* 22(02): 345 370
- *Noll, Arthur Howard 1897 Tenochtitlan: its side identified. *American Journal of archaeology* 1(6):515-524.

Nuccio, Richard A. 1991 The possibilities and limits of environmental protection in México. *Economic development and environmental protection in Latin America*, eds Joseph S. Tulchin & Andrew I. Rudman. Pp 109-122. Lynne Rienner Publishers. Boluder & London.

*O'Mack, Scott 1991 Yacateuctli and Ehecatl-Quetzalcoatl: Earth-Divers in Aztec Central Mexico. *Ethnohistory* 38(1):1-33.

Orr Heather S & Rex Koontz 2009 Blood and beauty: organized violence in the art and archaeology of Mesoamerica and Central America. Cotsen Institute of Archaeology Press

- *Overholtzer Lisa & Wesley D. Stoner 2011 Merging the social and the material: Life histories of ancient mementos from Central Mexico. *Journal of Social Archaeology* 11(2) 171–193.
- *Overholtzer, Lisa 2012 So that the baby not be formed like a pottery rattle: Aztec rattle figurines and household social reproductive practices. *Ancient Mesoamerica* 23:69–83.
- *Overholtzer, Lisa 2013 Archaeological iterpretation and the rewriting of history: deimperializing and decolonizing the past at Xaltocan, Mexico. *American anthropologist* 115(3): 481–495.
- *Palka, Joel W. 2002 Left/right symbolism and the body in ancient Maya iconography and culture. *Latin American Antiquity* 13(4): 419-443.
- *Palka, Joel W. 2009 Historical archaeology of indigenous culture change in Mesoamerica. *Journal of Archaeological Research* 17(4):297-346.

*Palka, Joel W. 1996 Sociopolitical Implications of a new emblem glyph and place name in Classic Maya inscriptions. *Latin American Antiquity*, 7(3): 211-227

*Parsons, Jeffrey R. 2009 Reflections on my life in archaeology. *Ancient Mesoamerica* 20(1): 3-13.

Patterson, Don 2007 Journey to Xibalba: a life in archaeology. University of New Mexico Press

*Paulinyi, Zoltán 2014 The butterfly bird god and his myth at Teotihuacan. *Ancient Mesoamerica* 25(01):29 - 48

Paulinyi, Zoltán 2009 A mountain God in Teotihuacan art. *The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery,* eds William L. Flash & Leonardo López Luján. Pp 172-200. Dumbarton Oaks, Washington

*Pérez, Ramona L. 2007 Challenges to motherhood: the moral economy of Oaxacan ceramic production and the politics of reproduction. *Journal of Anthropological Research* 63(3): 305-330.

*Perry Linda & Kent V. Flannery 2007 Precolumbian use of chili peppers in the Valley of Oaxaca, Mexico. *PNAS* 104(29):11905–11909

Pharo, Lars Kirkhusmo 2014 *Ritual practice of time: philosophy and sociopolitics of Mesoamerican calendars.* Brill

Pichardo, Mario 1999 Valsequillo biostratigraphy II. Bison, tools, correlate with Tequixquiac *Anthropologischer Anzeiger, Jahrg.* 57, H. 1: 13-24

Pichardo, Mario 2001 Valsequillo biostratigraphy IV: Proboscidean Ecospecies in Paleoindian sites. *Anthropologischer Anzeiger, Jahrg.* 59, H. 1: 41-60

*Picó, Belén & Fernando Nuez 2000 Minor crops of Mesoamerica in early sources (II). Herbs used as condiments. Genetic Resources and Crop Evolution 47(5): 541-552

Pitarch, Pedro 2010 *The juaguar and the prist. An ethnography of Tzeltal souls.* University of Texas press.

*Pitarch, Pedro. 2012 The two Maya bodies: an elementary model of Tzeltal personhood. *Ethnos. Journal of Anthropology* 77(1):93-114.

*Plunket, Patricia Gabriela Uruñuela 2012 Where east meets west: The formative in Mexico's Central Highlands. *Journal of Archaeological Research*, 20(1):1-51

- *Plunket, Patricia & Gabriela Uruñuela 2006 Social and cultural consequences of a late Holocene eruption of Popocatépetl in central Mexico. *Quaternary International* 151(1):19-28.
- *Pohl, John M.D. 2000 The four priests. Political stability. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson. pp 343-359. Blackwell Publishers.
- *Pohl, John M.D. 2003 The archaeology of history in Postclassic Oaxaca. *Mesoamerican Archaeology Theory and Practice*, eds Julia A. Hewndon & Rosemary Joyce, pp 217-233.Blackwell Publishing. Oxford.
- *Pohl, John M.D. & Bruce E. Byland 1990 Mixtec Landscape Perception and Archaeological Settlement Patterns. *Ancient Mesoamerica* 1(1):113-131.

Pohl, Mary E.D. & John M.D. Pohl 2003 Cycles of conflict: political factionalism in the Maya Lowlands. *Factional competition and political development in the New World,* eds Elizabeth M. Brumfiel & John W. Fox, pp 138-157. New Directions in Archaeology. Cambridge University Press.

*Pollard, Helen Peristein 1997 Recent research in west Mexican archaeology *Journal of Archaeological Research* 5(4): 345-384.

Pollard, Helen Perlstein 2016 Ruling "Purepecha Chichimeca" in a Tarascan World. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 217-241. University press of Colorado.

- *Pool Christopher A, Ponciano Ortiz Ceballos, María del Carmen Rodríguez Martínez,c & 2010 The early horizon at Tres Zapotes. Implications for Olmec interaction. *Ancient Mesoamerica*, 21: 95–105
- *Pool, Christopher A. 2006 Current research on the gulf coast of Mexico. *Journal of Archaeological Research* 14:189–241.
- *Pope Kevin O. & Bruce H. Dahlin 1993 Radar detection and ecology of ancient Maya canal systems---reply to Adams et al. *Journal of Field Archaeology* 20: 379-383.
- *Pope Kevin O. & Bruce H. Dahlin 1989 Ancient Maya wetland agriculture: new insights from ecological and remote sensing research. *Journal of Field Archaeology* 16: 87-106.
- *Pope, K. O., M.E. Pohl, J.G. Jones, D.L. Lentz, C. von Nagy, F.J. Vega & I.R. Quitmyer 2001 Origin and environmental setting of ancient agriculture in the lowlands of Mesoamerica. *Science* 292 (5520):1370-1373.

Powis, Terry G. Ann Cyphers, Nilesh W. Gaikwad, Louis Grivetti, & Kong Cheonge 2011 Cacao use and the San Lorenzo Olmec. www.pnas.org/cgi/doi/10.1073/pnas.1100620108

*Powis, Tery G, Norbert Stanchly, Christine D. White, Paul F. Healy, Jaimes J. Awe & Fred 1999 A reconstruction of middle preclassic Maya subsistence economy at Cahal Pech, Belize. *Antiquity* 73(280):364-376.

Price, Christine 1972 Heirs of the ancient Maya: a portrait of the Lacandon indians. Scribner.

Proskouria, Tatiana 1977 Album of Maya architecture. Univ of Oklahoma Press.

- *Prufe, Keith M.r, & W. Jeffrey Hurst 2007 Chocolate in the underworld space of death: cacao seeds from an early Classic mortuary cave. *Ethnohistory* 54(2):274-301.
- *Prufer Keith M., Phil Wanyerka & Monica Shah 2003 Wooden figurines, scepters, and religious specialist inpre-columbian Maya society. *Ancient Mesoamerica* 14(2): 219-236.
- *Pugh, Timothy W. 2009 Contagion and alterity: Kowoj Maya appropriations of European objects. *American Anthropologist*, 111(3): 373-386.
- *Pugh, Timothy W. 2004 Activity Areas, Form, and Social Inequality in Residences at Late Postclassic Zacpetén, Petén, Guatemala. *Journal of Field Archaeology* 29:351-367.
- *Pugh, Timothy W. 2001 Flood reptiles, serpent temples, and the quadripartite universe. The Imago Mundi of the late postclassic Mayapan. *Ancient Mesoamerica* 12:247-258.
- *Pugh, Timothy W. 2001 Flood reptiles, serpent temples, and the quadripartite universe. *Ancient Mesoamerica* 12(2): 247-258.
- *Puleston, Dennis E & Olaga Straurakis Puleston 1971 An ecological approach to the origins of Maya civilization. *Archaeology* 24(4):330-337.
- *Pyburn, Anne K. 2008 Pomp and circumstance before Belize: ancient Maya commerce and the New river conurbation. *The ancient city. New perspectives in the Old and New World*, eds Joyce Marcus & Jeremy A. Sabloff, pp 247-272. A school for advanced research residential scholar book, Santa fe, New Mexico.

Ranere Anthony, Dolores R. Piperno, Irene Holst, Ruth Dickau & José Iriarte 2009 The cultural and chronological context of early Holocene maize and squash domestication in the Central Balsas River Valley, Mexico www.pnas.org cgi doi 10.1073 pnas.081259010

*Rani T. Alexander 2008 The world according to Robert: Macroregional systems theory in Mesoamerica. *Journal of Anthropological Research* 64(3): 383-394.

*Rathje, William L.; Jeremy A. Sabloff 1973 Ancient Maya commercial systems: a research design for the island of Cozumel, Mexico. *World Archaeology* 5(2): 221-231.

*Read, Kay 1986 The fleeting moment: cosmogony, eschatology, and ethics in Aztec religion and society. *Journal of Religious Wthics* 14:113-138.

Reese-Taylor, Kathryn, Peter Mathews, Julia Guernsey & Marlen Fritzler 2009 Warrior queens among the classic Maya. *Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America,* pp 39-72 eds Heather Orr & Rex Koonts, Cotsen Institute of Archaeology Press.

Reilly, F. Kent III 1989 *The shaman in transformation pose: A study of the theme of rulership in Olmec art.* Record of the Art Museum, Princeton University, 48(2): 4-21

Reilly, Kent 2000 Art, ritual, and rulership in the Olmec world. The Ancient Civilizations of Mesoamerica. A Reader, eds Smith, Michael & Marilyn A. Masson .pp 39-48. Blackwell Publishers.

*Reina Ruben E. 1967 Milpas and milperos: implications for prehistoric times. *American Anthropologist*, 69(1):1-20

*Renne Paul R. & Joshua M. Feinberg, Michael R. Waters‡, Joaquin Arroyo-Cabrale Patric 2005 Age of Mexican ash with alleged 'footprints'. *Nature* 438:E7-E8.

Restall, Matthew 1999 *The Maya world : Yucatec culture and society,* 1550-1850. Stanford University Press.

*Reyes González Liliana Carla & Marcus Winter 2010 The early formative period in the southern isthmus: excavations at Barrio Tepalcate, Ixtepec, Oaxaca. *Ancient Mesoamerica*, 21: 151–163.

Rice, Don S. & William F. Hanks (eds). 1990 Word and image in Maya culture: explorations in language writing and representation. Univ of Utah Press.

Rice, Prudence M 2007 Maya calendar origins: monuments, mythistory, and the materialization of time. University of Texas Press

*Rice, Prudence M. 2009 On Classic Maya political economies. Journal of Anthropological Archaeology 28:70–84.

Rice, Prudence M. 2000 Economic change in the lowland Maya. Late Classic period. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson, pp 158-173. Blackwell Publishers.

*Rice, Prudence M. 2012 Continuities in Maya political rhetoric: k'awiils, k'atuns, and kennings. *Ancient Mesoamerica* 23:103–114.

*Ringle William M., Tomás Gallareta Negrón & George J. Bey 1998 The return of Quetzalcoatl. Ancient Mesoamerica 9(2):183 - 232.

Ringle, William & George J. Bey III 2009 The faces of the Itzas. *The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery,* eds William L. Flash & Leonardo López Luján. Pp 329-383. Dumbarton Oaks, Washington

*Ringle, William M. 2004 On the political organization of Chichenitza. *Ancient Mesoamerica* 15(2), July 2004, pp 167-218

*Ringle, William M. 2009 The art of war: imagery of the upper temple of the jaguars, Chichen Itza. *Ancient Mesoamerica* 20(1):15-44.

Robert J Sharer; David C Grove; Jay I. Kislak 1989 *Regional perspectives on the Olmec.* Cambridge University Press

*Robichaux, Huber R. 2002 On the compatibility of epigraphic geographic, and archaeological data, with a drought-based explanation for the classic Maya collapse. *Ancient Mesoamerica* 13:341-345.

Robin, Cynthia 2003 Social diversity and everyday life within Classic Maya settlements. *Mesoamerican Archaeology Theory and Practice*, eds Julia A. Hewndon & Rosemary Joyce. Blackwell Publishing. Oxford.

*Robin, Cynthia 2003 New directions in classic Maya household archaeology. *Journal of Archaeological Research* 11(4):307-356.

*Rodríguez Martínez, Ma. del Carmen Ponciano Ortíz Ceballos, Michael D. Coe, Richard 2006 Oldest writing in the New World. *Science*, New Series, 313(5793): 1610-1614

*Rosenswig, Robert M. 2010 The beginnings of Mesoamerican civilization. Inter-regional interaction and the Olmec. Cambridge University press.

*Rosenswig, Robert M. 2000 Some political processes of ranked societies. *Journal of Anthropological Archaeology* 19:413-460.

*Rosenswig, Robert M. 2009 Early Mesoamerican garbage: ceramic and daub discard patterns from Cuauhtémoc, Soconusco, Mexico. *Journal of Archaeological Method and Theory,* 16(1):1-32

- *Rosenswig, Robert M. 2012 Materialism, mode of production, and a millennium of change in Southern Mexico. *Journal of Archaeological Method and Theory*, 19(1) 1-48
- *Rosenswig, Robert M. 2006 Sedentism and food production in early complex societies of the Soconusco, Mexico. *World Archaeology*, 38(2): 330-355
- *Rosenswig, Robert M. 2007 Beyond identifying elites: Feasting as a means to understand early Middle Formative society on the Pacific Coast of Mexico. *Journal of Anthropological Archaeology* 26(1): 1-27.
- *Rosenswig, Robert M. 2000 Some political processes of ranked societies. *Journal of Anthropological Archaeology* 19, 413–460.
- *Rosenswig, Robert M. 2012 Agriculture and monumentality in the Soconusco region of Chiapas, Mexico. *Early New World Monumentality*, eds Burger, Richard L., & Rosenswig, Robert M., pp 111-137. Gainesville, FL, USA: University Press of Florida.
- *Rosenswig, Robert M. Amber M. VanDerwarker, Brendan J. Culleton, Douglas J. Kennett 2015 Is it agriculture yet? Intensified maize-use at 1000 cal BC in the Soconusco and Mesoamerica. *Journal of Anthropological Archaeology* 40: 89–108
- *Rue David J. 1989 Archaic middle American agriculture and settlement: recent pollen data from Honduras. *Journal of Field Archaeology* 16:177-184.
- *Rue, David; David Webster & Alfred Traverse 2002 Late Holocene fire and agriculture in the Copan Valley, Honduras. *Ancient Mesoamerica* 13:267-272.

Sabloff, Jeremy 1971 The collapse of Classic Maya civilization, eds, Harte, John & Robert H. Socolow, Patient earth. p 16-27- New York.Holt, Rinehart & Winston.

Sabloff, Jeremy 1994 The New Archaeology and the ancient Maya. W H Freeman & Co.

*Sahagún, Ellen T. Baird, 1987 Sahagún's Codex Florentino: the enigmatic A. *Ethnohistory* 34(3):288-306.

Salas Cuesm María Elena & Patricia Olga Hemández Espinoza 1994 Tlatilco, México: una aldea del Preclasico, un ejemplo de adaptación al medio ambiente. perfil biocultural. *Anthropo* 31:63-87

Salazar Cháavez, Víctor 2016 Negotiating political authority and community in terminal formative coastal Oaxaca. *Political strategies in pre-columbian Mesoamerica*, ed Sarah Kurnick & Joanne Baron, pp 61-96. University press of Colorado.

- *Sanchez, Julia L. J. 2005 Ancient Maya royal strategies: creating power and identity through art. *Ancient Mesoamerica* 16(2): 261-275.
- *Sanchez, M. Guadalupe 2001 A Synopsis of paleo-indian archaeology in Mexico *Kiva*, 67(2): 119-136
- *Sánchez-Pérez Serafín, Elizabeth Solleiro-Rebolledo, Sergey Sedov, Emily McClung de 2013 The black San Pablo paleosol of the Teotihuacan Valley, Mexico: pedogenesis, fertility, and use in ancient agricultural and urban systems. *Geoarchaeology* 28(3):249–267.
- *Sanders, William T. 2008 Robert S. Santley: Student, teacher, and researcher. *Journal of Anthropological Research*, 64(3):341-349.
- *Sandlin Jennifer & George J. Bey III 2006 Trowels, trenches and transformation. A case study of archaeologists learning a more critical practice of archaeology. *Journal of Social Archaeology* 6(2): 255–276.
- *Santley Robert S. & Philip J. Arnold III 1996 Prehispanic settlement patterns in the Tuxtla mountains, Southern Veracruz, Mexico. *Journal of Field Archaeology* 23: 225-249.
- *Santley, Robert S; Philip J. Arnold III & Christopher A. Pool 1989 The ceramics production system at Matacapan, Veracruz, Mexico. *Journal of Field Archaeology* 16:107-132.

Scarborou, Vernon L. & John E Clark 2007 *The political economy of ancient Mesoamerica: transformations during the formative and classic periods.* University of New Mexico Press

Scarborough Vernon L. & John E. Clark 2007 Introduction to the political economy of ancient Mesoamerica. Transformations during the formative and classic periods. *The political economy of ancient Mesoamerica. Transformations during the formative and classic periods,* eds Vernon Scarborough & John E. Clark, pp 1-10. University of New Mexico Press, Albuquerque.

- *Scarborough Vernon L. & Robin A. Robertson 1986 Civic and residential settlement as a late Preclassic Maya center. *Journal of Field Archaeology* 13: 155-175.
- *Scarborough, Vernon; Beverly Mitchum; Sorraya Carr; David Freidel J. 1982 Two late preclassic ballcourts at the lowland Maya center of Cerros, northern Belize. *Journal of Field Archaeology* 9(1): 21-34.

Scarborough, Vernon L. 2011 The rise and fall of the ancient Maya. A case study in political ecology. *Sustainability or collapse? An integrated history and future of people on earth,* eds Robert Costanza, Lisa J. Graumlich, & Will Steffen, pp 51-59. The MIT Press. Cambridge, Massachusetts

Schávelzon, Daniel 1989 The history of Mesoamerican archaeology at the crossroads: changing views of the past. *Tracing Archaeology's Past*, ed. Andrew L. Christenson Pp 107-112. Southern Illinois University Press.

*Scheffler, Timothy E. Kenneth G. Hirth, George Hasemann 2012 The El Gigante rockshelter: preliminary observations on an early to late Holocene occupation in southern Honduras *Latin American Antiquity*, 23(4): 597-610

Schele, Linda & David Freidel 1990 A forest of kings. The untold story of the ancient Maya. Quill William Morrow. New York.

Schele, Linda & Peter Mathews. 1998 *The code of kings. The language of seven sacred Maya temples and tombs.* Simon & Schuster.

*Schortman Edward, Patricia Urban, Wendy Ashmore & Julie Benyo 1986 Interregional interaction in the SE Maya periphery: the Santa Barbara archaeological project 1983-1984 Seasons. *Journal of Field Archaeology* 13: 259-272

*Schortman Edward M. & Patricia A. Urban 1995 Late Classic society in the Rio Ulua drainage, Honduras. *Journal of Field Archaeology* 22: 439-457.

*Schortman, Edward M. & Patricia A. Urban 2012 Enacting power through networks. *Journal of Anthropological Archaeology* 31: 500–514.

*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.

Schwerin Jennifer von 2011 The sacred mountain in social context. symbolism and history in Maya architecture: temple 22 at Copan, Honduras. *Ancient Mesoamerica* 22: 271–300.

Scott, John F. 2009 Human sacrifice in the iconography of Veracruz ballgames sculture. *Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America*, eds Heather Orr & Rex Koonts, pp 99-115. Cotsen Institute of Archaeology Press.

*Sellen, Adam T. 2002 Storm-God impresonators from ancient Oaxaca. *Ancient Mesoamerica* 13(1): 3-19.

*Shafer, Harry & Thomas R. Hester 2000 Lithic craft specialization and product distribution at the Maya site of Colha, Belize. *The Ancient Civilizations of Mesoamerica. A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 144-157. Blackwell Publishers.

*Sharer Robert J. 1982 In the land of Olmec archaeology (Review). *Journal of Field Archaeology*, 9(2): 253-267

- *Sharer Robert J. & James C. Gifford 1970 Preclassic ceramics from Chalchuapa, El Salvador, and their relationships with the Maya Lowlands. *American Antiquity*, 35(4): 441-462
- *Sharer, Robert J. Andrew K. Balkansky, James H. Burton, Gary M. Feinman, Kent V. Fla 2006 On the logic of archaeological inference: early formative pottery and the evolution of Mesoamerican societies. *Latin American Antiquity*, 17(1): 90-103
- *Shaw, Justine M. 2003 Climate change and deforestation: Implications for the Maya collapse. *Ancient Mesoamerica* 14(1):157-167.
- *Shaw, Leslie C. 2012 The elusive Maya marketplace: an archaeological consideration of the evidence. *Journal of Archaeological Research* 20:117–155.
- *Sherman R. Jason, Andrew K. Balkansky, Charles S. Spencer, & Brian D. Nicholls 2010 Expansionary dynamics of the nascent Monte Albán state. *Journal of Anthropological Archaeology* 29: 278–301.
- *Silverstein, Jay E., David Webster, Horacio Martinez and Alvaro Soto 2009 Rethinking the great earthwork of Tikal: A hydraulic hypothesis for the classic Maya polity. *Ancient Mesoamerica* 20(1): 45-58.
- *Simms, Stephanie R., Francesco Berna & George J. Bey III 2013 A prehispanic Maya pit oven? Microanalysis of fired clay balls from the Puuc region, Yucatán, Mexico. *Journal of Archaeological Science* 40: 1144e1157
- *Slater Donald A. 2011 Power materialized: the dart-thrower as a pan-Mesoamerican status marker. *Ancient Mesoamerica* 22: 371–388.
- Smith Michael E. & Frances F. Berdan 0 Spatial structure of the Mesoamerican World System http://www.public.asu.edu/~mesmith9/1-CompleteSet/MES-03-FB-PCW-ch3.pdf
- *Smith Michael E. & Frances F. Berdan 2000 The Postclassic Mesoamerican World System. *Current Anthropology*, 41(2): 283-286.
- *Smith Michael E. & Kenneth G. Hirth 1998 The development of prehispanic cotton-spinning technology in western Morelos, Mexico. *Journal of Field Archaeology* 15: 349-358.
- *Smith Michael E., & T. Jeffrey Price 1994 Aztec-period agricultural terraces in Morelos, Mexico: evidence for household-level agricultural Intensification. *Journal of Field Archaeology* 21:169-179.
- *Smith, Michael & Cynthia Heath-Smith 2000 Rural economy in Late Postclassic Morelos. An archaeological study. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson .pp 217-235. Blackwell Publishers.

- *Smith, Michael & Marilyn A. Masson (eds) 2000 *The ancient civilizations of Mesoamerica*. A reader. Blackwell Piblishers.
- *Smith, Michael E. 2005 City size in Late Postclassic Mesoamerica. *Journal of Urban History,* 31(4): 403-434.
- *Smyth, Michael P., Christopher D. Dore, & Nicholas P. Dunning 1995 Interpreting Prehistoric Settlement Patterns: Lessons from the Maya Center of Sayil, Yucatan. *Journal of Field Archaeology* 22:321-347.
- *Solís-Castillo Berenice, Elizabeth Solleiro-Rebolledo, Sergey Sedov, Rodrigo Liendo, Mar 2013 Paleoenvironment and human occupation in the Maya Lowlands of the Usumacinta river, Southern Mexico. *Geoarchaeology* 28(3):268–288.
- *Sousa, Lisa and Kevin Terraciano 2003 The "original conquest" of Oaxaca: Nahua and Mixtec accounts of the Spanish conquest. *Ethnohistory*, 50(2):349-400.
- *Spence, Michael W. 2015 Personal art in Teotihuacan: the thin orange graffiti. *Ancient Mesoamerica* 26(02): 295 311
- *Spence, Michael W., Christine D. White, Fred J. Longstaffe & Kimberley R. Law 2004 Victims of the victims: human trophies worn by sacrificed soldiers from the Feathered Serpent Pyramid, Teotihuacan. *Ancient Mesoamerica* 15(1):1-15.
- *Spencer Charles S. & Elsa M. Redmond 2004 Primary state formation in Mesoamerica. *Annual Review of Anthropology* 33: 173-199.
- *Spencer, Charles S & Elsa M. Redmond 2001 Multilevel selection and political evolution in the Valley of Oaxaca. *Journal of Anthropological Archaeology* 20:195-229.

Spielmann, Katherine 2007 Ritual and political economies. *Mesoameriacn ritual economy. Archaeological and ethnographic perspectives,* eds, Christian Wells & Carla Davis- Salazar, pp 287-300. University of Colorado press.

Sprajc, Ivan 2011 Astronomy and its role in ancient Mesoamerica. The Role of Astronomy in Society and Culture Proceedings IAU (International Astronomical Union) Symposium No. 260, 2009. pp 87-95.

Staller, J ohn & Michael Carrasco 2010 *Pre-Columbian foodways: interdisciplinary approaches to food, culture, and markets in ancient Mesoamerica.* Springer

Staller, John 2008 Pre-Columbian landscapes of creation and origin. Springer

*Stanton Travis W.& Tomás Gallareta Negrón 2001 Warfare, ceramic economy, and the Itza. *Ancient Mesoamerica* 12(2):229-245.

*Stark Barbara L. Stark, Matthew A. Boxt, Janine Gasco, Rebecca B. González Lauck, Jes 2016 Economic growth in Mesoamerica: Obsidian consumption in the coastal lowlands *Journal of Anthropological Archaeology* 41: 263–282

Stark, Barbara L. 1978 An ethnohistoric model for native economy and settlement patterns in southern Veracruz, Mexico. *Prehistoric coastal adaptations: the economy and ecology of maritime Middle America,* ed. B.L. Strak & D.B. Voorhies. pp 211-238. Academic Press. New York.

*Stark, Barbara L. & Alanna Ossa 2007 Ancient settlement, urban gardening, and environment in the Gulf Lowlands of Mexico. *Latin American Antiquity*, 18(4): 385-406.

*Stockett, Miranda K. 2005 On the importance of difference: re-envisioning sex and gender in ancient Mesoamerica. *World Archaeology* 37(4): 566–578.

Stoltman, James B., Joyce Marcus, Kent V. Flannery, James H. Burton, Robert G. Moyle 2005 Petrographic evidence shows that pottery exchange between the Olmec and their neighbors was two-way. *Proceedings of the National Academy of Sciences of the United States of America*, 102(32): 11213-11218

*Stross, Brian 1986 Some observations on T585 (Quincunx) of the Maya script *Anthropological Linguistics*, 28(3): 283-311

*Stross, Brian 1987 Xibalba or Xibalbe. Anthropological Linguistics, 29(4): 462-477

*Stross, Brian 1996 The Mesoamerican cosmic portal: An early Zapotec example. *Anthropology and Aesthetics*, No. 29/30: 82-101

*Stross, Brian 1985 Palenque: The Name International. *Journal of American Linguistics*, 51(4): 592-594

*Stuart, Gene S., George E. Stuart 1993 Lost kingdoms of the Maya. Thomasson-Grant, Inc.;

Sugiyama Saburo 2003 Governance and policy at Classic Teotihuacan. Mesoamerican *Archaeology Theory and Practice,* eds Julia A. Hewndon & Rosemary Joyce, pp 95-123. Blackwell Publishing. Oxford.

Sundel, Alfred 1967 A history of the Aztecs and the Mayas and their conquest. The rise and fall of America's first great civilization. Collier Books, New York.

*Sweely, Tracy L. 1998 Persinal interactions: the implications of spatial arrangements for power relations at Cerén, El Salvador. *World Archaeology* 29(3):393-406.

Tate Carolyn E. 1999 Patrons of shamanic power. Ancient Mesoamerica, 10: 169–188

*Tate, Carolyn E. 1999 Patrons of shamanic power. La Venta's supernatural entities in light of Mixe beliefs. *Ancient Mesoamerica* 10:169-188.

Tate, Carolyn Elaine 2012 Reconsidering Olmec visual culture the unborn, women, and creation. University of Texas Press

*Taube, Karl & Marc Zender 2009 American gladiators: ritual boxing in ancient Mesoamarica. Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America, eds Heather Orr & Rex Koonts, pp 161-220. Cotsen Institute of Archaeology Press.

Taube, Karl A. 2004 *Olmec art at Dumbarton Oaks*. Dumbarton Oaks Research Library and Collection Washington, D.C.

*Taváreza, David & John Justesonb 2008 Eclipse records in a corpus of colonial Zapotec 260-day calendars. *Ancient Mesoamerica*, 19 (2008), 67–81.

Tedlock, Barbara 1992 Time and the highland Maya. University of New Mexico Press.

*Tedlock, Dennis 1993 Torture in the archives: Mayans meet Europeans. American Anthropologist 95(1):139-152.

Thompson, Eric J. 1966 *The rise and fall of Maya civilization*. University of Oklahoma Press.

*Thompson, J. Eric 1929 Maya chronology: glyph G of the Lunar series. *American Anthropologist*, 31(2): 223-231

*Thompson, Victor D.; Philip J. Arnold, III & Amber M. VanDerwarker 2009 Geophysical Investigations at Teotepec, Mexico (1000 B.C.—A.D. 1000). *Journal of Field Archaeology*, 34(4):439-455

*Tolstoy, Paul & Louise I. Paradis 1970 Early and middle preclassic culture in the basin of Mexico. *Science*, New Series, 167(3917): 344-351

*Tolstoy, Paul Suzanne K. Fish, Martin W. Boksenbaum, Kathryn Blair Vaughn, C. Earle S 1977 Early sedentary communities of the basin of Mexico. *Journal of Field Archaeology*, 4(1): 91-106

*Townsend, Richard F. 2000 The Aztecs. Thames & Hudson

Tozzer, Alfred Marston 1976 A comparative study of the Mayas and the Lacandones. AMS Press.

Tsukamoto Kenichiro & Takeshi Inomata 2014 *Mesoamerican plazas: arenas of community and power*. University of Arizona Press

Tylor, Edward Burnett 1861 Anahuac or, Mexico and the Mexicans, Ancient and Modern. E-text prepared by Carlo Traverso, Keith M. Eckrich, and the Project Gutenberg Online Distributed Proofreaders Team

*Urban, Patricia; Edward Schortman; Marne Ausec 2002 Power without bounds? Middle Preclassic political developments in the Naco Valley, Honduras. *Latin American Antiquity* 13(2):131-152.

*Uriarte, María Teresa 2006 The Teotihuacan ballgame and the beginning of time. *Ancient Mesoamerica* 17(1):17-38.

Uruñuela, Gabriela, Patricia Plunket & Amparo Robles 2009 Cholula: art and architecture or an archetypal city. *The art of urbanism. How Mesoamerica kingdoms represented in architecture and imagery,* eds William L. Flash & Leonardo López Luján. Pp 135-171. Dumbarton Oaks, Washington

Vail Gabrielle; Christine L Hernández; Dumbarton Oaks 2010 Astronomers, scribes, and priests: intellectual interchange between the northern Maya lowlands and highland Mexico in the late postclassic period. Dumbarton Oaks

*Vail, Gabrielle 2000 Prehispanic Maya religion. Conceptions of divinity in the Postclassic Maya codices. *Ancient Mesoamerica* 11:123-147.

*Vail, Gabrielle 2006 The Maya codices. Annual Review of Anthropology 35: 497-519

*Vail, Gabrielle 2000 Pre-hispanic Maya religion. Ancient Mesoamerica 11(1): 123-147.

*Vaila Gabrielle & Christine Hernándezb 2011 The construction of memory: the use of classic period divinatory texts in the late Postclassic Maya codices. *Ancient Mesoamerica*, 22 (2011), 449–462

*van Akkeren, Ruud W. 2003 Authors of the Popol Wuj. Ancient Mesoamerica 14(2):237-256.

*Van der Warker, Amber M. 2005 Field cultivation and tree management in tropical agriculture: a view from Gulf Coastal Mexico. *World Archaeology* 37(2):275-289.

VanDerwarker, Amber M. 2006 Farming, hunting, and fishing in the Olmec World. Linda Schele Series in Maya and Pre-Columbian Studies. Publisher: University of Texas Press.

*Voorhies Barbara & Douglas Kennett 1995 Buried sites on the Soconusco coastal plain, Chiapas, Mexico. *Journal of Field Archaeology* 22: 65-79.

Voorhies, Barbara 1989 Ancient trade and tribute: economies of the Soconusco region of Mesoamerica. University of Utah Press

*Watanabe, Hohn M 2004 Some models in a muddle. Lineage and house in classic Maya social organization. *Ancient Mesoamerica* 15:159-166.

Watanabe, John 1983 In the world of the sun: a cognitive model of Maya cosmology. *Man* 18:710-728.

Watanabe, John 2007 Ritual economy and the negotiation of autarky and interdependence in a ritual mode of production. *Mesoamerican ritual economy. Anthropological and ethnological perspectives,* eds E. Christian Wells & Karla L. Davis-Salazar, pp 301-323. University press of Colorado

*Watchareewan Jamboonsri, Timothy D. Phillips, Robert L. Geneve, Joseph P. Cahill, Dav 2012 Extending the range of an ancient crop, Salvia hispanica L.—a new x3 source. *Genetic Resources and Crop Evolution* 59:171–178

Watson, Matthew C. 2013 Mediating the Maya: Hieroglyphic imaging and objectivity. *Journal of Social Archaeology* 13: 177-19

*Watson, Matthew C. 2012 Staged discovery and the politics of Maya hieroglyphic things. American Anthropologist 114(2): 282–296.

Weaver, Muriel Porter 1997 *The Aztecs, Maya, and their predecessors: archaeology of Mesoamerica.* Academic Press.

*Webster David L. 1976 On theocracies. American Anthropologist 78(4): 812-828.

Webster, David 1998 Classic Maya architecture: implications and comparisons. *Function and meaning in Classic Maya architecture*, ed Stephen D. Houston, pp 5-47. Dumbarton Oaks Trustees for Harvard University Washington, D.C.

Webster, David 2004 Identifying subroyal elite palaces at Copán and Aguateca. *Palaces of the ancient world. A Symposium at Dumbarton Oaks 10th and 11th October 1998*, eds Susan Toby Evans &

Joanne Pillsbury, pp 149-180. Dumbarton Oaks Research Library and Collection Washington, D.C.

*Webster, David 2000 The not so peaceful civilization: a review of Maya war. Journal of World Prehistory 14(1):65-119.

*Webster, David & Nancy Gonlin 1988 Household remains of the humblest Maya. *Journal of Field Archaeology* 15:169-190.

Webster, David; Anncorinne Freter & Nancy Gonlin 1999 *Copan: the rise and fall of a Classic Maya kingdom.* Wadsworth Pub Co.

Weigand, Phil C. 2007 States in prehispanic western Mesoamerica. *The political economy of ancient Mesoamerica*. *Transformations during the formative and classic periods*, eds Vernon Scarborough & John E. Clark, pp 101-113. University of New Mexico Press, Albuquerque.

Wells E Christian & Karla L Davis-Salazar 2007 *Mesoamerican ritual economy: archaeological and ethnological perspectives.* University Press of Colorado

*Wells, E. Christian 2006 Recent trends in theorizing prehispanic Mesoamerican economies. *Journal of Archaeological Research* 14:265–312.

*Wendt Carl J. 2005 Using refuse disposal patterns to infer Olmec site structure in the San Lorenzo Region, Veracruz, Mexico. *Latin American Antiquity*, 16(4):449-466

*Whalen, Michael E. 1983 Reconstructing early formative village organization in Oaxaca, Mexico. *American Antiquity*, 48(1): 17-43

*White Christine D; David M. Pendergast; Fred J. Longstaffe & Kimberley R. Law 2001 Social complexity and food systems at Altun Ha, Belize: the isotopic evidence. *Latin American Antiquity* 12(4) 371-393.

White, Christine D; Michael W. Spence; Fred J. Longstaffe; Hilary Stuart-Williams; Kimber 2002 Geographic identities of the sacrificial victims from the feathered serpent pyramid, Teotihuacan: implications for the nature of state power. *Latin American Antiquity* 13(2): 217-236.

*Whitemore, Thomas & B.L. Turner II 2000 Landscapes of cultivation in Mesoamerica on the eve of the Conquest. *The Ancient Civilizations of Mesoamerica*. *A Reader*, eds Smith, Michael & Marilyn A. Masson, pp 119-143. Blackwell Publishers.

Whittington, Michael 2001 *The sport of life and death: The Mesoamerican ballgame*. Thames & Hudson

Wilcox, David (ed) 1991 The Mesoamarican Ballgame. University of Arizona Press, Tucson.

*Wilk, Richard R. 2004 Miss Universe, the Olmec and the Valley of Oaxaca. *Journal of Social Archaeology* 4(1): 81–98.

Wilk, Richard R. & W. Ashmore (eds) 1988 *Household and community in the Mesoamerican Past*. Albunquerque: University of New Mexico Press.

Willey, Gordon 1989 Settlement patterns studies and evidences for intensive agriculture in the Maya Lowlands. Archaeological thought in America, ed C.C. Lamberg-Karlovsky. Pp 167- 182. Cambridge University press.

*Winter, Marcus 2011 Social memory and the origins of Monte Alban. *Ancient Mesoamerica* 22: 393–409.

*Winter, Marcus 1974 Residential patterns at Monte Alban, Oaxaca, México. *Science* 186:981-87.

Wiseman, Frederick M. 1976 A "natural" history of Mayan agriculture. International Congress of Americanists, 42nd, Paris, Actes du XLIIe Congres. v. 8, p. 345-371.- Paris : Societe des americanistes.

Wolf, Eric 1959 Sons of the shaking earth. Chicago: University of Chicago Press.

Wolf, Eric R 2001 The virgin of Guadalupe. A Mexican national symbol. *Pathways of Power. Building an Anthropology of the Modern World, pp* 139-147. University of California Press

Workinger, Andrew & Arthur A. Joyce 2009 Reconsidering warfare in formative period Oaxaca. Blood and beauty, organized violence in art and archaeology of Mesoamerica and Central America, eds Heather Orr & Rex Koonts, pp 3-38 Cotsen Institute of Archaeology Press.

Yaeger, Jason 2010 Untangling the ties thar bind: the city, the countryside, and the nature of Maya urbanism at Xunantunich, Blelize. *The social construction of ancient cities*, ed Monica L. Smith pp 121-155. Smithsonian Books

Yaeger, Jason 2000 The social construction of communities in the Classic Maya countryside: strategies of affiliation in western Belize. *The archaeology of communities*, eds Marcello A. Canuto & Jason Yaeger, pp 123-142. Routledge. London & New York.

*Z´ rałkaa Jarosław & Bernard Hermesb 2012 Great development in troubled times: the terminal classic at the Maya site of Nakum, Peten, Guatemala. *Ancient Mesoamerica* 23:161–187.

*Zaroa Gregory & Brett A. Houk 2012 The growth and decline of the ancient Maya city of la Milpa, Belize: new data and new perspectives from the southern. plazas. *Ancient Mesoamerica* 23: 143–159.

*Zeitlin, R.N. 1982 Toward a more comprehensive model of interregional commodity distribution: obsidian procurement in Mesoamerica. *American Antiquity* 47(2):260-75.

- *Zeitlin, Robert N 1984 A summary report on three seasons of field investigations into the archaic period prehistory of lowland Belize. *American Anthropologist* 86:358-369.
- *Zizumbo-Villarreal Daniel & Patricia Colunga-GarcíaMarín 2010 Origin of agriculture and plant domestication in West Mesoamerica . *Genetic Resources and Crop Evolution* 57(6): 813-825
- *Zorich, Zach 2014 The Storm God's Tale. Scientific American 311, 76-79