

ARCLG107: Technology and Analysis of Archaeological Material: Marcos Martinon-Torres

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1

2

Appadurai, Arjun, *The social life of things: commodities in cultural perspective*, Cambridge University Press, Cambridge, 1986.

3

R. A. Bentley, H. D. G. Maschner and C. Chippindale, Eds., *Handbook of archaeological theories*, AltaMira Press, Lanham, Md, 2008.

4

Caple, Chris, *Objects: reluctant witnesses to the past*, Routledge, London, 2006.

5

Ewen, Charles Robin, *Artifacts*, AltaMira Press, Walnut Creek, CA, 2003, vol. Archaeologist's toolkit.

6

I. Hodder and Wiley InterScience (Online service), *Entangled: an archaeology of the relationships between humans and things*, Wiley-Blackwell, Malden, MA, 2012.

7

Hurcombe, L. M., *Archaeological artefacts as material culture*, Routledge, London, 2007.

8

A. Jones, *Archaeometry*, 2004, **46**, 327–338.

9

Kingery, W. D., *Learning from things: method and theory of material culture studies*, Smithsonian Institution Press, Washington, D.C., 1996.

10

Latour, Bruno, *Pandora's hope: essays on the reality of science studies*, Harvard University Press, Cambridge, Mass, 1999.

11

P. Lemonnier, *Journal of Anthropological Archaeology*, , DOI:0278-4165(86)90012-7.

12

M. Martinón-Torres and D. Killick, *The Oxford Handbook of Archaeological Theory*, , DOI:10.1093/oxfordhb/9780199567942.013.004.

13

Miller, Heather Margaret-Louise, *Archaeological approaches to technology*, Elsevier/Academic Press, Amsterdam, 2007.

14

S. Nanoglou, *Journal of Material Culture*, 2008, **13**, 311–334.

15

C. Orton and M. Hughes, Pottery in archaeology, Cambridge University Press, Cambridge, 2nd ed., 2013, vol. Cambridge manuals in archaeology.

16

Olsen, Bjørnar, In defense of things: archaeology and the ontology of objects, Rowman & Littlefield Publishers, Lanham, 2010, vol. Archaeology in society series.

17

K. D. Schick and N. P. Toth, Making silent stones speak: human evolution and the dawn of technology, Phoenix, London, 1995.

18

Schiffer, Michael B. and Miller, Andrea R., The material life of human beings: artifacts, behavior, and communication, Routledge, London, 1999.

19

F. Sigaut, in Companion encyclopedia of anthropology, Routledge, London, [New ed.], 2002, vol. Routledge world reference, pp. 420–459.

20

Tilley, Christopher Y., Handbook of material culture, SAGE, London, 2006.

21

C. Thornton, in Metals and societies: studies in honour of Barbara S. Ottaway, R. Habelt, Bonn, 2009, vol. Universitätsforschungen zur prähistorischen Archäologie, pp. 25–33.

22

Boivin, Nicole, *Material cultures, material minds: the impact of things on human thought, society, and evolution*, Cambridge University Press, Cambridge, 2008.

23

C. Conneller, *An archaeology of materials: substantial transformations in early prehistoric Europe*, Routledge, New York, 2011, vol. Routledge studies in archaeology.

24

Dant, Tim, *Material culture in the social world: values, activities, lifestyles*, Open University Press, Buckingham, 1999.

25

M. Donald and L. M. Hurcombe, *Gender and material culture in historical perspective*, Macmillan, Basingstoke, 2000, vol. Studies in gender and material culture.

26

Henare, Amiria J. M., Holbraad, Martin, and Wastell, Sari, *Thinking through things: theorising artefacts ethnographically*, Routledge, Abingdon, 2007.

27

E. Hallam and T. Ingold, Eds., *Making and growing: anthropological studies of organisms and artefacts*, Ashgate, Farnham, Surrey, England, 2014, vol. Anthropological studies of creativity and perception.

28

Lubar, Steven D. and Kingery, W. D., *History from things: essays on material culture*, Smithsonian Institution Press, Washington, 1993.

29

Meskell, Lynn, *Archaeologies of materiality*, Blackwell, Malden, Mass, 2006.

30

Miller, Daniel, *Materiality*, Duke University Press, Durham, N.C., 2005.

31

B. Olsen, *In defense of things: archaeology and the ontology of objects*, Rowman & Littlefield Publishers, Lanham, 2010, vol. Archaeology in society series.

32

Andrefsky, William, *Lithics: macroscopic approaches to analysis*, Cambridge University Press, Cambridge, 2nd ed., 2005, vol. Cambridge manuals in archaeology.

33

Henderson, Julian, *The science and archaeology of materials: an investigation of inorganic materials*, Routledge, London, 2000.

34

Orton, Clive and Hughes, Mike, *Pottery in archaeology*, Cambridge University Press, Cambridge, 2nd ed., 2013, vol. Cambridge manuals in archaeology.

35

Rice, Prudence M., *Pottery analysis: a sourcebook*, University of Chicago Press, Chicago, 1987.

36

Schick, Kathy Diane and Toth, Nicholas Patrick, *Making silent stones speak: human evolution and the dawn of technology*, Phoenix, London, 1993.

37

T. Ingold, Archaeological Dialogues, , DOI:10.1017/S1380203807002127.

38

I. Kopytoff, in *The social life of things: commodities in cultural perspective*, Cambridge University Press, Cambridge, 1986, pp. 64–94.

39

Meskell, Lynn, *Object worlds in ancient Egypt: material biographies past and present*, Berg, Oxford, 2004, vol. *Materializing culture*.

40

L. Meskell, in *Archaeologies of materiality*, Blackwell, Malden, Mass, 2006, pp. 1–17.

41

Olsen, Bjørnar, *In defense of things: archaeology and the ontology of objects*, Rowman & Littlefield Publishers, Lanham, 2010, vol. *Archaeology in society series*.

42

W. Y. Adams, *Antiquity*, 1988, **56**, 40–56.

43

Brian Hayden, *Ethnohistory*, 1984, **31**, 79–92.

44

M. Sørensen, in *Paradigm found: archaeological theory present, past and future : essays in honour of Even NeustupnÃ½*, Oxbow Books, Oxford, 2015, pp. 84–94.

45

Adams, William Yewdale and Adams, Ernest W., Archaeological typology and practical reality: a dialectical approach to artifact classification and sorting, Cambridge University Press, Cambridge, 1991.

46

J. C. Barrett, in Papers on the prehistoric archaeology of Cranborne Chase, Oxbow, Oxford, 1991, vol. Oxbow monograph, pp. 201–230.

47

Biers, William R., Art, artefacts, and chronology in classical archaeology, Routledge, London, 1992, vol. Approaching the ancient world.

48

Lewis R. Binford, American Antiquity, 1962, **28**, 217–225.

49

L. R. Binford, in New perspectives in archaeology, Aldine, Chicago, 1968, pp. 155–186.

50

Michael S. Bisson, Journal of Archaeological Method and Theory, 2000, **7**, 1–48.

51

Buck, Caitlin E. and Millard, Andrew, Tools for constructing chronologies: crossing disciplinary boundaries, Springer, London, 2004, vol. Lecture notes in statistics.

52

M. O. H. Carver, Journal of Archaeological Science, 1985, **12**, 353–366.

53

W. R. Chapman, in Objects and others: essays on museums and material culture, University of Wisconsin Press, Madison, Wis, 1985, pp. 15–48.

54

D. L. Clarke and B. Chapman, Analytical archaeology, Methuen, London, 2nd ed., 1978.

55

C. G. Cumberpatch, in Not so much a pot, more a way of life: current approaches to artefact analysis in archaeology, Oxbow, Oxford, 1997, vol. Oxbow monograph, pp. 125–152.

56

R. C. Dunnell, Advances in archaeological method and theory, 1986, **9**, 149–207.

57

P. R. Fish, American Antiquity, 1978, **43**, 86–89.

58

Gräslund, Bo, The birth of prehistoric chronology: dating methods and dating systems in nineteenth-century Scandinavian archaeology, Cambridge University Press, Cambridge, 1987, vol. New studies in archaeology.

59

Ian Hodder, World Archaeology, 1993, **25**, 268–282.

60

Kempton, Willett, The folk classification of ceramics: a study of cognitive prototypes, Academic Press, New York, 1981, vol. Language, thought, and culture.

61

L. S. Kleǐn, Archaeological typology, B.A.R., Oxford, 1982, vol. BAR international series.

62

Margolis, Eric and Laurence, Stephen, Creations of the mind: theories of artifacts and their representation, Oxford University Press, Oxford, 2007.

63

D. Miller, in Symbolic and structural archaeology, Cambridge University Press, Cambridge, 1982, vol. New directions in archaeology, pp. 17–25.

64

Miller, Daniel, Artefacts as categories: a study of ceramic variability in central India, Cambridge University Press, Cambridge, 1985, vol. New studies in archaeology.

65

O. Montelius and S. Lindqvist, Die älteren Kulturperioden im Orient und in Europa I, Selbstverlag des Verfassers, Stockholm, 1903.

66

Stephen Plog, Annual Review of Anthropology, 1983, **12**, 125–142.

67

Stephen Plog and Jeffrey L. Hantman, Journal of Field Archaeology, 1990, **17**, 439–456.

68

Read, Dwight W., Artifact classification: a conceptual and methodological approach, Left

Coast Press, Walnut Creek, Calif, 2007.

69

Prudence M. Rice, *American Antiquity*, 1976, **41**, 538–543.

70

P. Rowley-Conwy, *From Genesis to prehistory: the archaeological Three Age System and its contested reception in Denmark, Britain, and Ireland*, Oxford University Press, Oxford, 2007.

71

J. Sackett, *Journal of Anthropological Archaeology*, 1982, 59–112.

72

A. Schnapp, *Antiquity*, 2002, **76**, 134–140.

73

W. Wendrich, *The World According to Basketry*, 1999.

74

J. B. Wheat, in *The ceramic legacy of Anna O. Shepard*, University Press of Colorado, Niwot, Colo, 1991, pp. 121–131.

75

J. P. White and D. H. Thomas, in *Models in archaeology*, Methuen, London, 1972, pp. 275–308.

76

F. Widemann, in Archaeological ceramics: papers presented at a seminar on Ceramics as Archaeological Material held at the Smithsonian Institution, Washington, D.C., Smithsonian Institution Press, Washington, D.C., 1982, pp. 29–36.

77

A. Wylie, in Thinking from things: essays in the philosophy of archaeology, University of California Press, Berkeley, Calif, 2002, pp. 42–56.

78

N. L. Benco, *Antiquity*, 2002, **76**, 447–457.

79

N. Schlanger, in Archaeology: the key concepts, Routledge, London, 2005, vol. Routledge key guides, pp. 14–18.

80

B. SILLAR and M. S. TITE, *Archaeometry*, 2000, **42**, 2–20.

81

M. B. Collins, in Lithic technology: making and using stone tools, Mouton, The Hague, 1975, vol. World anthropology, pp. 15–34.

82

Françoise Audouze, *Journal of Archaeological Research*, 2002, **10**, 277–306.

83

O. Bar-Yosef and P. Van Peer, *Current Anthropology*, 2009, **50**, 103–131.

84

R. L. Binford, in *In pursuit of the past: decoding the archaeological record*, Thames and Hudson, [London], 1983, pp. 109–143.

85

C. Chanteller, in *Prehistoric Britain*, Blackwell, Malden, Mass., 2008, vol. Blackwell studies in global archaeology, pp. 160–176.

86

D. E. Crabtree, in *Lithic technology: making and using stone tools*, Mouton, The Hague, 1975, vol. World anthropology, pp. 105–113.

87

N. David and C. Kramer, in *Ethnoarchaeology in action*, Cambridge University Press, Cambridge, 2001, vol. Cambridge world archaeology, pp. 138–167.

88

Elizabeth DeMarrais, Luis Jaime Castillo and Timothy Earle, *Current Anthropology*, 1996, **37**, 15–31.

89

M.-A. Dobres, in *The social dynamics of technology: practice, politics, and world views*, Smithsonian Institution Press, Washington, D.C., 1999, pp. 124–146.

90

Chris Gosden and Yvonne Marshall, *World Archaeology*, 1999, **31**, 169–178.

91

C. Holtorf, *Journal of Material Culture*, 2002, **7**, 49–71.

92

Hoskins, Janet, Biographical objects: how things tell the stories of people's lives, Routledge, New York, 1998.

93

L. Hurcombe, in Plant processing form a prehistoric and ethnographic perspective =: Préhistoire et ethnographie du travail des plantes : proceedings of a workshop at Ghent University (Belgium) November 28, 2006, John & Erica Hedges, Oxford, 2007, vol. BAR international series, pp. 41–66.

94

T. Ingold, Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences, 1999, **30**, 411–453.

95

C. D. Jeffra, Archaeological and Anthropological Sciences, 2015, **7**, 141–149.

96

J. Jennings, K. L. Antrobus, S. J. Atencio, E. Glavich, R. Johnson, G. Loffler and C. Luu, Current Anthropology, 2005, **46**, 275–303.

97

Lemonnier, Pierre, Elements for an anthropology of technology, Museum of Anthropology, University of Michigan, Ann Arbor, Mich, 1992, vol. Anthropological papers / Museum of Anthropology, University of Michigan.

98

Lemonnier, Pierre, Technological choices: transformation in material cultures since the Neolithic, Routledge, London, 1993, vol. Material cultures.

99

G. Lucas, in *The archaeology of time*, Routledge, London, 2005, vol. Themes in archaeology, pp. 95–113.

100

Meskell, Lynn, *Object worlds in ancient Egypt: material biographies past and present*, Berg, Oxford, 2004, vol. Materializing culture.

101

Rye, Owen S., *Pottery technology: principles and reconstruction*, Taraxacum, Washington, D.C., 1981, vol. Manuals on archeology.

102

M. Shanks, *The life of an artefact in an interpretive archaeology*,
<http://documents.stanford.edu/michaelshanks/229>.

103

M. B. Schiffer, in *Behavioral archaeology: first principles*, University of Utah Press, Salt Lake City, 1995, vol. Foundations of archaeological inquiry, pp. 103–174.

104

N. Schlanger, in *The ancient mind: elements of cognitive archaeology*, Cambridge University Press, Cambridge, 1994, vol. New directions in archaeology, pp. 143–151.

105

N. Schlanger and A. Sinclair, *Archaeological review from Cambridge*, 1990, **9**, 3–167.

106

J. M. Skibo and M. B. Schiffer, in Anthropological perspectives on technology, University of New Mexico Press, Albuquerque, 2001, vol. Amerind Foundation New World studies series, pp. 139–149.

107

M. Vidale, in Papers from the EAA Third Annual Meeting at Ravenna 1997, Archaeopress, Oxford, 1998, vol. BAR international series, pp. 179–184.

108

Rapp, George Robert, Archaeomineralogy, Springer, Berlin, 2nd ed., 2009, vol. Natural science in archaeology.

109

Ashurst, John, Dimes, Francis G., and Honeyborne, D. B., Conservation of building and decorative stone: Vol. 1, Butterworths, London, 1990, vol. Butterworths series in conservation and museology.

110

Bachmann, H. G., The identification of slags from archaeological sites, Institute of Archaeology, London, 1982, vol. Occasional publication.

111

J. Bayley, D. Dungworth and S. Paynter, Centre for Archaeology Guidelines: Archaeometallurgy, English Heritage, 2001.

112

Leo Biek and Justine Bayley, World Archaeology, 1979, **11**, 1–25.

113

Freestone, Ian and Gaimster, David R. M., Pottery in the making: world ceramic traditions,

British Museum Press, London, 1997.

114

Gleba, Margarita, Textile production in pre-Roman Italy, Oxbow Books, Oxford, 2008, vol. Ancient textiles series.

115

Hurcombe, L. M., Archaeological artefacts as material culture, Routledge, London, 2007.

116

Orton, Clive and Hughes, Mike, Pottery in archaeology, Cambridge University Press, Cambridge, 2nd ed., 2013, vol. Cambridge manuals in archaeology.

117

S. Paynter and D. Dungworth, Archaeological Evidence for Glassworking, English Heritage, 2011.

118

Thomson, Roy and Mould, Quita, Leather tanneries: the archaeological evidence, Archetype, London, 2011.

119

Tomber, R., Dore, John, English Heritage, British Museum, National Roman Fabric Reference Collection, and Museum of London, The National Roman Fabric Reference Collection: a handbook, Museum of London Archaeology Service, London, 1998, vol. MoLAS monograph.

120

BGS Rock Classification Scheme - British Geological Survey, <http://www.bgs.ac.uk/bgsrscs/>.

121

Archaeological Geology of Ancient Egypt,
http://www.eeescience.utoledo.edu/Faculty/Harrell/Egypt/AGRG_Home.html.

122

Utilitarian Stones, <http://escholarship.org/uc/item/77t294df#page-1>.

123

Building Stones,
<http://escholarship.org/uc/item/3fd124g0?query=building%20stones#page-1>.

124

Pigments through the Ages - detailed pigment histories, recipes,
<http://www.webexhibits.org/pigments/>.

125

Mineralogy Database - Mineral Collecting, Localities, Mineral Photos and Data,
<http://www.mindat.org/>.

126

I. Freestone, in Archaeology, history and science: integrating approaches to ancient materials, Left Coast Press, Walnut Creek, CA, 2008, vol. Publications of the Institute of Archaeology, University College London, pp. 77-100.

127

I. Freestone, M. Huges and C. Stapleton, in Catalogue of Anglo-Saxon glass in the British Museum, British Museum, London, 2008, vol. British Museum research publication, pp. 29-46.

128

S. Paynter and D. Dungworth, Archaeological Evidence for Glassworking, English Heritage, 2011.

129

Price, J. and Cottam, Sally, Romano-British glass vessels: a handbook, Council for British Archaeology, York, 1998, vol. Practical handbooks in archaeology.

130

E. A. Strand, K. M. Frei, M. Gleba, U. Mannering, M.-L. Nosch and I. Skals, European Journal of Archaeology, 2010, **13**, 149–173.

131

Barber, E. J. W., Prehistoric textiles: the development of cloth in the Neolithic and Bronze Ages with special reference to the Aegean, Princeton University Press, Princeton, N.J., 1991.

132

Jørgensen, Lise Bender, North European textiles until AD 1000, Aarhus University Press, Aarhus, 1992.

133

Gleba, Margarita and Mannering, Ulla, Textiles & textile production in Europe: from prehistory to AD 400, Oxbow, Oxford, 2012, vol. Ancient textiles series.

134

S. Harris, in North European Symposium for Archaeological Textiles X, Oxbow Books, Oxford, 2009, vol. Ancient textiles series, pp. 112–140.

135

Journal of Archaeological Science, , DOI:0305-4403(81)90012-1.

136

Orton, Clive and Hughes, Mike, Pottery in archaeology, Cambridge University Press, Cambridge, 2nd ed., 2013, vol. Cambridge manuals in archaeology.

137

Quinn, Patrick S., Ceramic petrography: the interpretation of archaeological pottery & related artefacts in thin section, Archaeopress, Oxford, 2013.

138

Bachmann, H. G., The identification of slags from archaeological sites, Institute of Archaeology, London, 1982, vol. Occasional publication.

139

J. Bayley, D. Dungworth and S. Paynter, Centre for Archaeology Guidelines: Archaeometallurgy, English Heritage, 2001.

140

J. Bayley, D. W. Crossley, M. Ponting, and Historical Metallurgy Society, Metals and metalworking: a research framework for archaeometallurgy, Historical Metallurgy Society, London, 2008, vol. Occasional publication / Historical Metallurgy Society.

141

P. T. Craddock, Early metal mining and production, Edinburgh University Press, Edinburgh, 1995.

142

B. W. Roberts and C. P. Thornton, Eds., *Archaeometallurgy in global perspective: methods and syntheses*, Springer, New York, 2014.

143

Andrefsky, William, *Lithics: macroscopic approaches to analysis*, Cambridge University Press, Cambridge, 2nd ed., 2005, vol. Cambridge manuals in archaeology.

144

A. Mesoudi, *Cultural Evolution: How Darwinian Theory Can Explain Human Culture and Synthesize the Social Sciences*, University of Chicago Press, 2011.

145

Schick, Kathy Diane and Toth, Nicholas Patrick, *Making silent stones speak: human evolution and the dawn of technology*, Phoenix, London, 1993.

146

Whittaker, John C., *Flintknapping: making and understanding stone tools*, University of Texas Press, Austin, 1994.

147

J. W. Eerkens and C. P. Lipo, *Journal of Anthropological Archaeology*, 2005, **24**, 316–334.

148

Brian Hayden, *Journal of Archaeological Method and Theory*, 1998, **5**, 1–55.

149

M. Martinón-Torres and M. A. Uribe-Villegas, *Cambridge Archaeological Journal*, 2015, **25**, 377–390.

150

G. N. Bailey, in Economic archaeology: towards an integration of ecological and social approaches, B.A.R., Oxford, 1981, vol. BAR international series, pp. 97–117.

151

Barnett, William and Hoopes, John W., The emergence of pottery: technology and innovation in ancient societies, Smithsonian Institution Press, Washington [D.C.], 1995, vol. Smithsonian series in archaeological inquiry.

152

Basalla, George, The evolution of technology, Cambridge University Press, 1988, vol. Cambridge history of science.

153

J. Bayley, Historical metallurgy: journal of the Historical Metallurgy Society, 1996, **30**, 67–71.

154

M. J. Blackman, G. J. Stein and P. B. Vandiver, American Antiquity, 1993, **58**, 60–80.

155

M. F. Charlton, P. Crew, T. Rehren and S. J. Shennan, Journal of Anthropological Archaeology, 2010, **29**, 352–367.

156

C. Costin, in What's new?: a closer look at the process of innovation, Unwin Hyman, London, 1989, vol. One world archaeology, pp. 107–139.

157

D. Crossley, in *The prehistory & history of glassmaking technology*, American Ceramic Society, Westerville, OH, 1998, vol. Ceramics and civilization.

158

B. Fitzhugh, *Journal of Anthropological Archaeology*, 2001, **20**, 125–167.

159

Brian Hayden, *Journal of Archaeological Method and Theory*, 1998, **5**, 1–55.

160

J. Henderson et al., *Antiquity*, 2005, **79**, 130–145.

161

J. Humphris, M. Martinón-Torres, T. Rehren and A. Reid, *Journal of Archaeological Science*, 2009, **36**, 359–369.

162

H. Knecht, *Techniques et Culture*, 1991, 115–144.

163

H. Lechtman, *Technology and culture*, 1984, **25**, 1–36.

164

Lesick, Kurtis and University of Calgary, *Eureka: the archaeology of innovation & science : proceedings of the twenty-ninth annual conference of the Archaeological Association of the University of Calgary*, Archaeological Association of the University of Calgary, Calgary, 2002.

165

H. L. Loney, American Antiquity, 2000, **65**, 646–668.

166

M. Martinón-Torres, Ambix, 2012, **59**, 22–48.

167

M. Martinon-Torres and T. Rehren, Archaeometry, 2009, **51**, 49–74.

168

P. Mellars, in The Human revolution: behavioural and biological perspectives on the origins of modern humans, Edinburgh University Press, Edinburgh, 1989, pp. 338–365.

169

P. R. Moorey, in The social context of technological change: Egypt and the Near East, 1650–1550 B.C. : proceedings of a conference held at St Edmund Hall, Oxford, 12–14 September 2000, Oxbow, Oxford, 2001, pp. 1–14.

170

Margaret C. Nelson, Archaeological Method and Theory, 1991, **3**, 57–100.

171

Michael J. O'Brien, Thomas D. Holland, Robert J. Hoard and Gregory L. Fox, Journal of Archaeological Method and Theory, 1994, **1**, 259–304.

172

Raymond, Robert, Out of the fiery furnace: the impact of metals on the history of mankind,

Pennsylvania State UP, University Park, 1986.

173

J. E. Rehder, *Journal of Field Archaeology*.

174

T. Rehren and M. Martinon-Torres, in *Archaeology, history and science: integrating approaches to ancient materials*, Left Coast Press, Walnut Creek, CA, 2008, vol. Publications of the Institute of Archaeology, University College London, pp. 167–188.

175

T. Rehren, E. Pusch and A. Herold, in *The prehistory & history of glassmaking technology*, American Ceramic Society, Westerville, OH, 1998, vol. Ceramics and civilization, pp. 227–250.

176

B. W. Roberts and M. Radivojević, *Cambridge Archaeological Journal*, 2015, **25**, 299–306.

177

V. Roux, *American Antiquity*, 2003, **68**, 768–782.

178

V. Roux, in *Innovation in cultural systems: contributions from evolutionary anthropology*, MIT Press, Cambridge, Mass, 2010, vol. Vienna series in theoretical biology, pp. 217–234.

179

M. B. Schiffer, in *Anthropological perspectives on technology*, University of New Mexico Press, Albuquerque, 2001, vol. Amerind Foundation New World studies series, pp.

215–235.

180

Michael Brian Schiffer, American Antiquity, 2005, **70**, 485–502.

181

Schiffer, Michael B., Studying technological change: a behavioral approach, University of Utah Press, Salt Lake City, 2011, vol. Foundations of archaeological inquiry.

182

S. J. Shennan and J. R. Wilkinson, American Antiquity, 2001, **66**, 577–593.

183

Shennan, Stephen, Genes, memes and human history: Darwinian archaeology and cultural evolution, Thames & Hudson, London, 2002.

184

S. Shennan, in Cultural evolution: Society, technology, language and religion, eds. P. J. Richerson and M. H. Christiansen, Cambridge, Mass.: MIT Press, 2013, pp. 143–155.

185

A. J. Shortland, in Invention and innovation: the social context of technological change, 2: Egypt, the Aegean and the Near East, 1650–1150 BC., Oxbow Books, Oxford, 2004, pp. 1–11.

186

Torrence, Robin and Leeuw, Sander Ernst van der, What's new?: a closer look at the process of innovation, Unwin Hyman, London, 1989, vol. One world archaeology.

187

S. E. Van der Leeuw, D. A. Papousek and A. Coudart, Techniques & culture, ,
DOI:10.4000/tc.691.

188

David Wengrow, World Archaeology, 2001, **33**, 168-188.

189

Cathy Lynne Costin, Archaeological Method and Theory, 1991, **3**, 1-56.

190

D. P. Peacock, in Pottery in the Roman world: an ethnoarchaeological approach, Longman, London, 1982, vol. Longman archaeology series, pp. 6-11.

191

Katherine A. Spielmann, American Anthropologist, 2002, **104**, 195-207.

192

M. James Blackman, Gil J. Stein and Pamela B. Vandiver, American Antiquity, 1993, **58**, 60-80.

193

E. Burri, in Archaeometric and archaeological approaches to ceramics: papers presented at EMAC '05, 8th European meeting on ancient ceramics, Lyon 2005, Archaeopress, Oxford, 2007, vol. BAR international series, pp. 33-39.

194

R. A. Castanzo, Archeological Papers of the American Anthropological Association, 2009, **19**, 133-147.

195

Cathy Lynne Costin, *Journal of Archaeological Method and Theory*, 2000, **7**, 377–403.

196

I. Freestone, in *Geomaterials in cultural heritage*, The Geological Society, London, 2006, vol. Geological Society special publication, pp. 201–216.

197

I. Freestone, in *Archaeology, history and science: integrating approaches to ancient materials*, Left Coast Press, Walnut Creek, CA, 2008, vol. Publications of the Institute of Archaeology, University College London, pp. 77–100.

198

I. Freestone, J. Price and C. Cartwright, in *Annales du 17e Congrès de l'Association Internationale pour l'Histoire du Verre*, Anvers, 2006 =: *Annales of the 17th Congress of the International Association for the History of Glass*, 2006, Antwerp, University Press Antwerp, Antwerp, 2009, pp. 130–135.

199

Freestone, Ian and Gaimster, David R. M., *Pottery in the making: world ceramic traditions*, British Museum Press, London, 1997.

200

H. R. Haines, G. M. Feinman and L. M. Nicholas, *Ancient Mesoamerica*, 2004, **15**, 251–266.

201

J. Henderson, S. D. McLoughlin and D. S. McPhail, *Archaeometry*, 2004, **46**, 439–468.

202

J. Henderson et al., *Antiquity*, 2005, **79**, 130–145.

203

Hodder, Ian and McDonald Institute for Archaeological Research, *Changing materialities at Çatalhöyük: reports from the 1995-99 seasons*, McDonald Institute for Archaeological Research, Cambridge, 2005, vol. McDonald Institute monographs.

204

J. Humphris, M. Martinón-Torres, T. Rehren and A. Reid, *Journal of Archaeological Science*, 2009, **36**, 359–369.

205

X. J. Li, *Antiquity*, 2014, **88**, 126–140.

206

M. Martinón-Torres, X. J. Li, A. Bevan, Y. Xia, K. Zhao and T. Rehren, *Journal of Archaeological Method and Theory*, 2014, **21**, 534–562.

207

Peacock, D. P. S. and University of Southampton, *Rome in the desert: a symbol of power*, University of Southampton, Southampton, 1992.

208

J. Poblome, P. Degryse, W. Viaene, R. Ottenburgs, M. Waelkens, R. Degeest and J. Naud, *Journal of Archaeological Science*, 2002, **29**, 873–882.

209

T. Rehren, E. Pusch and A. Herold, in *The prehistory & history of glassmaking technology*,

American Ceramic Society, Westerville, OH, 1998, vol. Ceramics and civilization, pp. 227-250.

210

T. Rehren, E. Pusch and A. Herold, in The social context of technological change: Egypt and the Near East, 1650-1550 B.C. : proceedings of a conference held at St Edmund Hall, Oxford, 12-14 September 2000, Oxbow, Oxford, 2001, pp. 223-238.

211

T. Rehren and M. Martinon-Torres, in Archaeology, history and science: integrating approaches to ancient materials, Left Coast Press, Walnut Creek, CA, 2008, vol. Publications of the Institute of Archaeology, University College London, pp. 167-188.

212

Prudence M. Rice, William Y. Adams, Joseph W. Ball, Whitney M. Davis, Timothy Earle, Robert E. Fry, Ian Hodder, L. R. V. Joesink-Mandeville, Charles C. Kolb, Masae Nishimura, Yasushi Kojo, Miguel Rivera Dorado, Barbara L. Stark and Sander E. Van Der Leeuw, Current Anthropology, 1981, **22**, 219-240.

213

Prudence M. Rice, Journal of Archaeological Research, 1996, **4**, 165-202.

214

Prudence M. Rice, Journal of Archaeological Method and Theory, 2009, **16**, 117-156.

215

Valentine Roux, American Antiquity, 2003, **68**, 768-782.

216

S. Shennan, Antiquity, 1999, **73**, 352-363.

217

A. J. Shortland, Oxford Journal of Archaeology, 2000, **19**, 115–134.

218

A. Shortland, P. Nicholson and C. Jackson, in The social context of technological change: Egypt and the Near East, 1650-1550 B.C. : proceedings of a conference held at St Edmund Hall, Oxford, 12-14 September 2000, Oxbow, Oxford, 2001.

219

S. Jones, in Auf der Suche nach Identitäten: Volk, Stamm, Kultur, Ethnos : internationale Tagung der Universität Leipzig vom 8.-9. Dezember 2000 im Rahmen des Sonderforschungsbereiches 417 'Regionenbezogene Identifikationsprozesse, das Beispiel Sachsen' und des Teilprojektes A5 der Professur für Ur- und Frühgeschichte 'Ethnogenese und Traditionskonstruktion, archäologische Quellen und ihre Deutungen in der Historiographie des 19. und 20. Jahrhunderts', Archaeopress, Oxford, 2007, vol. BAR international series, pp. 81–92.

220

A. Dolfini, Journal of Archaeological Science, 2011, **38**, 1037–1049.

221

A. Gramsch, Vergleichen als historische Methode. Analogien in den Archäologien, Archaeopress, Oxford, 2000, vol. BAR international series.

222

N. Goodale, H. Otis, W. Andrefsky, I. Kuijt, B. Finlayson and K. Bart, Journal of Archaeological Science, 2010, **37**, 1192–1201.

223

U. Ickerdt, Einführung in das Grundproblem des archäologisch-kulturhistorischen

Vergleichens und Deutens, Frankfurt, Peter Lang, 2010.

224

Bruce A. Jones, Kiva, 1989, **54**, 353–360.

225

C. Lemorini and S. Nunziante Cesaro, Eds., An integration of the use-wear and residue analysis for the identification of the function of archaeological stone tools: proceedings of the international workshop, Rome, March 5th-7th, 2012, Archaeopress, Oxford, 2014, vol. BAR international series.

226

L. Longo, N. N. Skakun, Congress Prehistoric technology: 40 years later, Verona (Italy). Museo di storia naturale, and Università di Verona, 'Prehistoric technology' 40 years later: functional studies and the Russian legacy, Archaeopress, Oxford, 2008, vol. BAR international series.

227

S. L. López Varela, A. van Gijn and L. Jacobs, Journal of Archaeological Science, 2002, **29**, 1133–1147.

228

J. M. Marreiros, J. F. Gibaja Bao and N. Ferreira Bicho, Eds., Use-Wear and Residue Analysis in Archaeology, Springer International Publishing, Cham, 2015.

229

A. L. van Gijn, Flint in focus: lithic biographies in the Neolithic and Bronze Age, Sidestone Press, Leiden, 2010.

230

A. L. van Gijn, J. C. Whittaker and P. C. Anderson, Eds., Explaining and exploring diversity in agricultural technology, Oxbow Books, Oxford, 2014, vol. Early agricultural remnants and technical heritage (EARTH).

231

J. M. Skibo, Pottery function: a use-alteration perspective, Plenum Press, New York, 1992, vol. Interdisciplinary contributions to archaeology.

232

J. Carmen, Archaeological review from Cambridge, 1990, **9**, 195–207.

233

E. E. Cochrane and A. Gardner, Evolutionary and interpretive archaeologies: a dialogue, Left Coast, Walnut Creek, Calif, 2011, vol. Publications of the Institute of Archaeology, University College London.

234

M. Fernández-Götz, La construcción arqueológica de la etnicidad, Toxosoutos, Noia, 2008, vol. Serie Keltia.

235

A. Jones, Memory and material culture, Cambridge University Press, Cambridge, 2007, vol. Topics in contemporary archaeology.

236

S. Jones, The archaeology of ethnicity: constructing identities in the past and present, Routledge, London, 1997.

237

R. Larick, World Archaeology, 1986, **18**, 269–283.

238

K. T. Lillios and V. Tsamis, *Material mnemonics: everyday memory in prehistoric Europe*, Oxbow Books, Oxford, 2010.

239

M. Díaz-Andreu García, *The archaeology of identity: approaches to gender, age, status, ethnicity and religion*, Routledge, London, 2005.

240

L. Olivier, in *Time and archaeology*, Routledge, London, 1999, vol. One world archaeology, pp. 109–138.

241

L. Olivier, *The dark abyss of time: archaeology and memory*, AltaMira Press, Lanham, Md, 2011, vol. Archaeology in society series.

242

W. A. Parkinson, *Journal of Anthropological Archaeology*, 2006, **25**, 33–58.

243

M. Porr, *Cambridge Archaeological Journal*, , DOI:10.1017/S0959774310000065.

244

J. R. Sackett, *Journal of Anthropological Archaeology*, 1982, **1**, 59–112.

245

S. J. Shennan and J. R. Wilkinson, *American Antiquity*, 2001, **66**, 577–593.

246

M. L. S. Sørensen, *Gender archaeology*, Polity Press, Cambridge, 2000.

247

J. Tehrani and M. Collard, *Journal of Anthropological Archaeology*, 2002, **21**, 443–463.

248

R. M. Van Dyke and S. E. Alcock, Eds., *Archaeologies of Memory*, Blackwell Publishers Ltd, Oxford, UK, 2003.

249

H. M. Wobst, in *For the director: research essays in honor of James B. Griffin*, Museum of Anthropology, University of Michigan, Ann Arbor, 1997, vol. *Anthropological papers*, Museum of Anthropology, University of Michigan, pp. 317–342.

250

A. Woodward, *Antiquity*, 2002, **76**, 1040–1047.

251

A. Appadurai, in *The social life of things: commodities in cultural perspective*, Cambridge University Press, Cambridge, 1986, pp. 3–63.

252

T. Earle, in *Trade and exchange: archaeological studies from history and prehistory*, Springer, New York, 2010, pp. 205–217.

253

M. Sahlins, in Stone Age economics, Routledge, London, 1974, pp. 185-275.

254

M. Hughes, in Science and the past, British Museum Press, London, 1991.

255

L. Wilson and A. M. Pollard, in Handbook of archaeological sciences, John Wiley, Chichester, 2001, pp. 507-517.

256

R. H. Tykot, in Physics methods in archaeometry, IOS Press, Amsterdam, 2004, vol. Proceedings of the International School of Physics 'Enrico Fermi', pp. 407-432.

257

A. A. Bauer and A. S. Agbe-Davies, in Social archaeologies of trade and exchange: exploring relationships among people, places, and things, Left Coast Press, Walnut Creek, Calif, 2010, pp. 13-28.

258

Crump, Thomas, The phenomenon of money, Routledge & Kegan Paul, London, 1981.

259

George Dalton, Current Anthropology, 1969, **10**, 63-102.

260

John H. Dowling, Journal of Anthropological Research, 1979, **35**, 292-308.

261

T. Earle, in Companion encyclopedia of archaeology, Routledge, London, 1999, pp. 608–635.

262

C. A. Gregory, Man, 1980, **15**, 626–652.

263

C. A. Gregory, in Companion encyclopedia of anthropology, Routledge, London, [New ed.], 2002, vol. Routledge world reference, pp. 911–933.

264

Mauss, Marcel, The gift: the form and reason for exchange in archaic societies, Routledge, London, 2002, vol. Routledge classics.

265

Polanyi, Karl, Trade and market in the early empires: economies in history and theory, Free Press, Glencoe, Ill.

266

C. Renfrew, in Ancient civilization and trade, University of New Mexico Press, Albuquerque, 1st ed., 1975, vol. School of American Research advanced seminar series, pp. 3–59.

267

Monica L. Smith, Journal of Archaeological Method and Theory, 1999, **6**, 109–135.

268

Weiner, Annette B., Inalienable possessions: the paradox of keeping-while-giving, University of California Press, Berkeley, 1992.

269

N. K. Adams, in *Ancient textiles: production, craft and society : proceedings of the First International Conference on Ancient Textiles*, held at Lund, Sweden, and Copenhagen, Denmark, on March 19-23, 2003, Oxbow Books, Oxford, 2007, pp. 201-207.

270

D. B. Bamforth and P. C. Woodman, *Oxford Journal of Archaeology*, 2004, **23**, 21-44.

271

J. C. Barrett and S. P. Needham, in *The Archaeology of context in the Neolithic and Bronze Age: recent trends*, Department of Archaeology and Prehistory, University of Sheffield, Sheffield, 1988, vol. Recent trends series, pp. 127-140.

272

C. Bell, in *Emporia: Aegeans in the central and eastern Mediterranean : proceedings of the 10th International Aegean Conference/10e Rencontre égéenne internationale*, Athens, Italian School of Archaeology, 14-18 April 2004, Université de Liège, Histoire de l'art et archéologie de la Grèce antique, Liège, 2005, vol. Aegaeum, pp. 363-370.

273

Bradley, Richard and Edmonds, M. R., *Interpreting the axe trade: production and exchange in Neolithic Britain*, Cambridge University Press, Cambridge, 1993, vol. New studies in archaeology.

274

Clough, T. H. McK. and Cummins, W. A., *Stone axe studies: Volume 2: The petrology of prehistoric stone implements from the British Isles*, Council for British Archaeology, London, 1988, vol. Research report / Council for British Archaeology.

275

Cooney, Gabriel, Mandal, Stephen, Byrnes, Emmet, and O'Carroll, Finola, *The Irish Stone Axe Project: Monograph I*, Wordwell, Bray, 1998.

276

E. E. Cochrane and H. Neff, *Journal of Archaeological Science*, 2006, **33**, 378–390.

277

Crawford, Michael H., *Coinage and money under the Roman Republic: Italy and the Mediterranean economy*, Methuen, London, 1985, vol. *The Library of numismatics*.

278

Creighton, John, *Coins and power in late Iron Age Britain*, Cambridge University Press, Cambridge, 2000, vol. *New studies in archaeology*.

279

M. Dietler, in *Les princes de la protohistoire et l'émergence de l'Etat: actes de la table ronde internationale organisée par le Centre Jean Bérard et l'Ecole française de Rome*, Naples, 27-29 octobre 1994, Centre J. Bérard, Naples, 1999, vol. *Collection de l'Ecole française de Rome*, pp. 135–152.

280

Dietler, Michael, *Archaeologies of colonialism: consumption, entanglement, and violence in ancient Mediterranean France*, University of California Press, Berkeley, 2010, vol. *The Joan Palevsky imprint in classical literature*.

281

Dillian, Carolyn D. and White, Carolyn L., *Trade and exchange: archaeological studies from history and prehistory*, Springer, New York, 2010.

282

Edmonds, M. R., *Stone tools and society: working stone in Neolithic and Bronze Age Britain*, Routledge, London, 1995.

283

S. Frankenstein and M. Rowlands, in *Social transformations in archaeology: global and local perspectives*, Routledge, London, 1998, vol. *Material cultures*.

284

Philip Grierson, *Transactions of the Royal Historical Society*, 1959, **9**, 123–140.

285

Kenneth G. Hirth, *Journal of Archaeological Research*, 1996, **4**, 203–239.

286

Ian Hodder, *World Archaeology*, 1974, **6**, 172–189.

287

Hodder, Ian and Orton, Clive, *Spatial analysis in archaeology*, Cambridge University Press, Cambridge, 1976, vol. *New studies in archaeology*.

288

Christopher Howgego, *The Journal of Roman Studies*, 1992, **82**, 1–31.

289

E. Lo Cascio, in *Coin finds and coin use in the Roman world: the thirteenth Oxford Symposium on Coinage and Monetary History, 25.-27.3.1993 : a NATO advanced research workshop*, Gebr. Mann Verlag, Berlin, 1996, vol. *Studien zu Fundmünzen der Antike*, pp. 273–287.

290

L. D. Minc, *Journal of Anthropological Archaeology*, 2006, **25**, 82–116.

291

S. Needham, in *Trade and exchange in prehistoric Europe: proceedings of a conference held at the University of Bristol, April 1992*, published by Oxbow Books in association with the Prehistoric Society and the Société préhistorique française, Oxford, 1993, pp. 161–169.

292

W. A. Parkinson, *Journal of Anthropological Archaeology*, 2006, **25**, 33–58.

293

Peacock, D. P. S. and Williams, D. F., *Amphorae and the Roman economy: an introductory guide*, Longman, London, 1986, vol. Longman archaeology series.

294

C. Perlés, *Journal of Mediterranean archaeology*, 1992, **5**, 115–164.

295

G. J. Stein, D. Hollander and M. Schwartz, *Paléorient*, 1999, **25**, 67–82.

296

S. Shennan, *European journal of archaeology*, 1993, **1**, 59–72.

297

S. Sherratt, in *The complex past of pottery: production, circulation and consumption of Mycenaean and Greek pottery (sixteenth to early fifth centuries BC) : proceedings of the ARCHON international conference, held in Amsterdam, 8–9 November 1996*, J.C. Gieben, Amsterdam, 1999, pp. 163–211.

298

A. G. Sherratt and E. S. Sherratt, in Bronze age trade in the Mediterranean: papers presented at the Conference held at Rewley House, Oxford, in December 1989, Åstrom, Jonsered, 1991, vol. Studies in Mediterranean archaeology, pp. 351–386.

299

B. Sillar, in Not so much a pot, more a way of life: current approaches to artefact analysis in archaeology, Oxbow, Oxford, 1997, vol. Oxbow monograph, pp. 1–20.

300

P. Blinkhorn and C. G. Cumberpatch, Not so much a pot, more a way of life: current approaches to artefact analysis in archaeology, Oxbow, Oxford, 1997, vol. Oxbow monograph.

301

S. Van Der Leuw, in The complex past of pottery: production, circulation and consumption of Mycenaean and Greek pottery (sixteenth to early fifth centuries BC) : proceedings of the ARCHON international conference, held in Amsterdam, 8-9 November 1996, J.C. Gieben, Amsterdam, 1999, pp. 115–132.

302

G. Woolf, Journal of Roman archaeology, 1999, 3, 44–58.

303

Flintsource.Net, <http://www.flintsource.net/>.

304

IAOS World Obsidian Source Catalog,
http://www.obsidianlab.com/sourcecatalog/s_home.html.

305

K. P. FREUND, *Archaeometry*, 2013, **55**, 779–793.

306

B. Gratuze, *Journal of Archaeological Science*, 1999, **26**, 869–881.

307

N. Herz, in *Earth sciences and archaeology*, Kluwer Academic/Plenum Publishers, New York, 2001, pp. 449–472.

308

B. B. Huckell, J. D. Kilby, M. T. Boulanger and M. D. Glascock, *Journal of Archaeological Science*, 2011, **38**, 965–976.

309

Pollard, A. M., Heron, Carl, and Royal Society of Chemistry (Great Britain), *Archaeological chemistry*, Royal Society of Chemistry, Cambridge, 2nd ed., 2008.

310

Y. Maniatis, in *Physics methods in archaeometry*, IOS Press, Amsterdam, 2004, vol. Proceedings of the International School of Physics 'Enrico Fermi', pp. 179–202.

311

C. Renfrew, J. E. Dixon and J. R. Cann, *Proceedings of the Prehistoric Society*, 1966, **32**, 30–72.

312

Michael E. Smith, Adrian L. Burke, Timothy S. Hare and Michael D. Glascock, Latin American Antiquity, 2007, **18**, 429–450.

313

R. S. Thorpe, Proceedings of the Prehistoric Society, 1991, 103–157.

314

J. P. Blomster, Science, 2005, **307**, 1068–1072.

315

P. M. Day, E. Kiriatzi, A. Tsolakidou and V. Kilikoglou, Journal of Archaeological Science, 1999, **26**, 1025–1036.

316

I. Freestone, American journal of archaeology, 1995, **99**, 111–115.

317

Patrick E. McGovern, Thomas L. Sever, J. Wilson Myers, Eleanor Emlen Myers, Bruce Bevan, Naomi F. Miller, S. Bottema, Hitomi Hongo, Richard H. Meadow, Peter Ian Kuniholm, S. G. E. Bowman, M. N. Leese, R. E. M. Hedges, Frederick R. Matson, Ian C. Freestone, Sarah J. Vaughan, Julian Henderson, Pamela B. Vandiver, Charles S. Tumosa, Curt W. Beck, Patricia Smith, A. M. Child, A. M. Pollard, Ingolf Thuesen and Catherine Sease, American Journal of Archaeology, 1995, **99**, 79–142.

318

E. L. Morris and A. Woodward, Proceedings of the Prehistoric Society, 2003, **69**, 279–304.

319

D. P. S. Peacock, Antiquity, 1969, **43**, 145–149.

320

N. H. Gale, in From mine to microscope: advances in the study of ancient technology, Oxbow Books, Oxford, 2009, pp. 191–196.

321

N. H. Gale and Z. Stos-Gale, in Modern analytical methods in art and archaeology, Wiley, New York, 2000, vol. Chemical analysis, pp. 503–584.

322

M. F. GUERRA, T. CALLIGARO and A. PEREA, Archaeometry, 2007, **49**, 53–74.

323

Krause, Rüdiger, Studien zur kupfer- und frühbronzezeitlichen Metallurgie zwischen Karpatenbecken und Ostsee, Leidorf, Rahden/Westf, 2003, vol. Vorgeschichtliche Forschungen.

324

E. Pernicka, in Physics methods in archaeometry, IOS Press, Amsterdam, 2004, vol. Proceedings of the International School of Physics 'Enrico Fermi', pp. 309–329.

325

A. M. Pollard, in From mine to microscope: advances in the study of ancient technology, Oxbow Books, Oxford, 2009, pp. 181–189.

326

Z. Stos-Gale, in From mine to microscope: advances in the study of ancient technology, Oxbow Books, Oxford, 2009, pp. 163–180.

327

T. Calligaro, J.-C. Dran, J.-P. Poirot, G. Querré, J. Salomon and J. C. Zwaan, Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms, 2000, **161-163**, 769-774.

328

T. Calligaro, S. Colinart, J.-P. Poirot and C. Sudres, Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms, 2002, **189**, 320-327.

329

B. Gratuze and K. Janssens, in Non-destructive microanalysis of cultural heritage materials, Elsevier, Amsterdam, London, 2004, vol. Comprehensive analytical chemistry, pp. 663-712.

330

R. S. Popelka-Filcoff, E. J. Miksa, J. D. Robertson, M. D. Glascock and H. Wallace, Journal of Archaeological Science, 2008, **35**, 752-762.

331

P. Robertshaw, M. Wood, E. Melchiorre, R. S. Popelka-Filcoff and M. D. Glascock, Journal of Archaeological Science, 2010, **37**, 1898-1912.

332

G. J. Stein, D. Hollander and M. Schwartz, Paléorient, 1999, **25**, 67-82.

333

P. C. Weigand, in Exchange systems in prehistory, Academic Press, New York, 1977, vol. Studies in archeology, pp. 15-34.

334

M. E. Beck, American Antiquity, 2006, **71**, 27–51.

335

T. Hardy-Smith and P. C. Edwards, Journal of Anthropological Archaeology, 2004, **23**, 253–289.

336

M. B. Schiffer, in Formation processes of the archaeological record, University of New Mexico Press, Albuquerque, N.M., 1987, pp. 3–23.

337

Lewis R. Binford, Journal of Anthropological Research, 1981, **37**, 195–208.

338

Richard Bradley, Man, 1982, **17**, 108–122.

339

Chapman, John, Fragmentation in archaeology: people, places, and broken objects in the prehistory of south-eastern Europe, Routledge, London, 2000.

340

Chapman, John and Gaydarska, Bissarika, Parts and wholes: fragmentation in prehistoric context, Oxbow Books, Oxford, 2007.

341

M. Deal, Journal of Anthropological Archaeology, 1985, 243–291.

342

M. Deal and M. B. Hagstrum, in Expanding archaeology, University of Utah Press, Salt Lake City, 1995, pp. 111-125.

343

B. Hayden and A. Cannon, Journal of Anthropological Archaeology, 1983, 117-163.

344

Hill, J. D., Ritual and rubbish in the Iron Age of Wessex: a study on the formation of a specific archaeological record, Tempus Reparatum, Oxford, 1995, vol. BAR British series.

345

S. R. Hutson and T. W. Stanton, Cambridge Archaeological Journal, ,
DOI:10.1017/S0959774307000212.

346

Charles H. LeeDecker, Journal of Archaeological Method and Theory, 1994, 1, 345-375.

347

L. Martin and N. Russell, in Towards reflexive method in archaeology: the example at Çatalhöyük : by members of the Çatalhöyük team, McDonald Institute for Archaeological Research, Cambridge, 2000, vol. McDonald Institute monographs, pp. 57-69.

348

Moore, Henrietta L., Space, text, and gender: an anthropological study of the Marakwet of Kenya, Guilford Press, New York, 1996.

349

Needham, Stuart, Spence, Tony, Serjeantson, D., Sørensen, Marie Louise Stig, Ambers, J., Crummy, Stephen, and British Museum, Refuse and disposal at Area 16 East, Runnymede, Trustees of the British Museum, London, 1996, vol. Runnymede Bridge research excavations.

350

L. Patrik, Advances in archaeological method and theory, 1985, **8**, 27–62.

351

Pounds, Norman John Greville, Hearth & home: a history of material culture, Indiana University Press, Bloomington, [Ind.], 1989.

352

Michael B. Schiffer, American Antiquity, 1972, **37**, 156–165.

353

Schiffer, Michael B., Formation processes of the archaeological record, University of New Mexico Press, Albuquerque, N.M., 1987.

354

Schofield, A. J. and Theoretical Archaeology Group (England), Interpreting artefact scatters: contributions to ploughzone archaeology, Oxbow Books, Oxford, 1991, vol. Oxbow monograph.

355

Michael J. Shott, Journal of Archaeological Research, 1998, **6**, 299–329.

356

U. Sommer, Journal of theoretical archaeology, 1990, **1**, 47–60.

357

U. Sommer, in Taphonomische Forschungen (nicht nur) zum Neolithikum, Welt und Erde, Loogh, 2012, vol. Fokus Jungsteinzeit, pp. 15–34.

358

Staski, Edward and Sutro, Livingston D., The ethnoarchaeology of refuse disposal, Arizona State University, [Tempe, Ariz.], 1991, vol. Anthropological research papers.

359

Thompson, M., Rubbish theory: the creation and destruction of value, Oxford University Press, Oxford, 1979.

360

W. Walker, in Expanding archaeology, University of Utah Press, Salt Lake City, 1995, pp. 67–79.

361

D. C. Wilson, Journal of archaeological method and theory, 1994, **1**, 41–68.

362

A. Benito-Calvo and I. de la Torre, Journal of Human Evolution, 2011, **61**, 50–60.

363

A. Bevan, Antiquity, 2012, **86**, 492–506.

364

M. Martinón-Torres, X. J. Li, A. Bevan, Y. Xia, Z. Kun and T. Rehren, Archaeology

International, , DOI:10.5334/ai.1316.

365

C. Tilley, S. Hamilton, S. Harrison and E. Anderson, Journal of Material Culture, 2000, **5**, 197–224.

366

A. Bevan, Mediterranean islands, fragile communities and persistent landscapes: Antikythera in long-term perspective, Cambridge University Press, Cambridge, 2013.

367

Blankholm, H. P., Intrasite spatial analysis in theory and practice, Aarhus University Press, Aarhus, 1991.

368

T. BRUGHMANS, Oxford Journal of Archaeology, 2010, **29**, 277–303.

369

Hietala, Harold J., Intrasite spatial analysis in archaeology, Cambridge University Press, Cambridge, 1984, vol. New directions in archaeology.

370

Hodder, Ian and Orton, Clive, Spatial analysis in archaeology, Cambridge University Press, Cambridge, 1976, vol. New studies in archaeology.

371

M. Katsianis, S. Tsipidis, K. Kotsakis and A. Kousoulakou, Journal of Archaeological Science, 2008, **35**, 655–667.

372

Kroll, Ellen M., Price, T. Douglas, and Society for American Archaeology, *The interpretation of archaeological spatial patterning*, Plenum Press, New York, 1991, vol. Interdisciplinary contributions to archaeology.

373

P. C. Livingood and A. S. Cordell, *Journal of Archaeological Science*, 2009, **36**, 867–872.

374

A. Vanzetti et al., *Antiquity*, 2010, **84**, 681–692.

375

376

377

378

379

G. Artioli and I. Angelini, *Scientific methods and cultural heritage: an introduction to the application of materials science to archaeometry and conservation science*, Oxford University Press, Oxford, 2010.

380

S. Bowman and British Museum. Department of Scientific Research, *Science and the past*, University of Toronto Press, Toronto, Ont, 1991.

381

D. R. Brothwell and A. M. Pollard, *Handbook of archaeological sciences*, John Wiley, Chichester, 2001.

382

G. Demortier, A. Adriaens, European Cooperation in the Field of Scientific and Technical Research (Organization), and European Commission, *Ion beam study of art and archaeological objects*, Office for Official Publications of the European Communities, Luxembourg, 2000, vol. EUR.

383

J.-C. Dran, J. Salomon, T. Calligaro and P. Walter, *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*, 2004, **219–220**, 7–15.

384

E. Ciliberto and G. Spoto, *Modern analytical methods in art and archaeology*, Wiley, New York, 2000, vol. Chemical analysis.

385

H. G. M. Edwards, J. M. Chalmers, and Royal Society of Chemistry (Great Britain), *Raman spectroscopy in archaeology and art history*, Royal Society of Chemistry, Cambridge, 2005, vol. RSC analytical spectroscopy monographs.

386

Edwards, Howell G. M. and Lewis, Ian R., *Handbook of Raman spectroscopy: from the research laboratory to the process line*, Marcel Dekker, New York, 2001, vol. Practical spectroscopy.

387

A. Giumlia-Mair, *Materials technology*, 2010, **25**, 345–261.

388

Z. Goffer, Archaeological chemistry, Wiley, Hoboken, N.J., 2nd ed., 2007.

389

J. Henderson, Scientific analysis in archaeology and its interpretation, Oxford University Committee for Archaeology, Institute of Archaeology, Oxford, 1989, vol. UCLA Institute of Archaeology, archaeological research tools.

390

J. Henderson, The science and archaeology of materials: an investigation of inorganic materials, Routledge, London, 2000.

391

K. H. A. Janssens and R. van Grieken, Non-destructive microanalysis of cultural heritage materials, Elsevier, Amsterdam, London, 2004, vol. Comprehensive analytical chemistry.

392

J. B. Lambert, Traces of the past: unraveling the secrets of archaeology through chemistry, Perseus, Cambridge, Mass, 1997, vol. Helix books.

393

M. Martini, M. Milazzo, M. Piacentini, Società italiana di fisica, and International School of Physics 'Enrico Fermi', Physics methods in archaeometry, IOS Press, Amsterdam, 2004, vol. Proceedings of the International School of Physics 'Enrico Fermi'.

394

M. Martinón-Torres and T. Rehren, Archaeology, history and science: integrating approaches to ancient materials, Left Coast Press, Walnut Creek, CA, 2008, vol. Publications of the Institute of Archaeology, University College London.

395

J.-F. Moreau, Proceedings: ISA 2006 : 36th International Symposium on Archaeometry : 2-6 May 2006, Quebec City, Canada, CELAT, Université Laval, Québec, 2009, vol. Cahiers d'archéologie du CELAT.

396

Arthur M. Sackler Colloquia of the National Academy of Sciences and National Academy of Sciences (U.S.), Scientific examination of art: modern techniques in conservation and analysis : National Academy of Sciences, Washington, D.C., March 19-21, 2003, National Academies Press, Washington, D.C., 2005.

397

W. D. Nesse, Introduction to optical mineralogy, Oxford University Press, New York, 3rd ed., 2004.

398

S. L. Olsen, Scanning electron microscopy in archaeology, B.A.R., Oxford, 1988, vol. BAR international series.

399

P. A. Parkes, Current scientific techniques in archaeology, Croom Helm, London, 1986.

400

J. Pérez-Arantegui, Ed., Proceedings of the 34th International Symposium on Archaeometry, <http://ifc.dpz.es/publicaciones/ebooks/id/2610>.

401

A. M. Pollard, C. Heron, and Royal Society of Chemistry (Great Britain), Archaeological chemistry, Royal Society of Chemistry, Cambridge, 2nd ed., 2008.

402

A. M. Pollard, C. Batt, S. Young and B. Stern, Analytical chemistry in archaeology, Cambridge University Press, Cambridge, 2007.

403

Shackley, M. Steven, X-ray fluorescence spectrometry (XRF) in geoarchaeology, Springer, New York, 2011.

404

R. Torrence, T. Rehren and M. Martinon-Torres, Journal of Archaeological Science.

405

Arthur M. Sackler Colloquia of the National Academy of Sciences and National Academy of Sciences (U.S.), Scientific examination of art: modern techniques in conservation and analysis : National Academy of Sciences, Washington, D.C., March 19-21, 2003, National Academies Press, Washington, D.C., 2005.

406

M. Shackley, in X-ray fluorescence spectrometry (XRF) in geoarchaeology, Springer, New York, 2011, pp. 7-44.

407

M. Uda, G. Demortier, I. Nakai, and International Symposium on X-ray Archaeometry, X-rays for archaeology, Springer, Dordrecht, 2005.

408

A. Adriaens, Spectrochimica Acta Part B: Atomic Spectroscopy, 2005, **60**, 1503-1516.

409

S. P. De Atley and R. L. Bishop, in *The ceramic legacy of Anna O. Shepard*, University Press of Colorado, Niwot, Colo, 1991, pp. 358-381.

410

E. Hamilton, in *Exploring the role of analytical scale in archaeological interpretation*, Archaeopress, Oxford, 2004, vol. BAR international series, pp. 45-48.

411

D. Killick, *Antiquity*, 1997, **71**, 518-524.

412

D. Killick, *Journal of Archaeological Science*, 2015, **56**, 242-247.

413

A. Jones, *Archaeological theory and scientific practice*, Cambridge University Press, Cambridge, 2001, vol. Topics in contemporary archaeology.

414

A. Jones, *Archaeometry*, 2004, **46**, 327-338.

415

M. Martinón-Torres, in *Archaeology, history and science: integrating approaches to ancient materials*, Left Coast Press, Walnut Creek, CA, 2008, vol. Publications of the Institute of Archaeology, University College London, pp. 15-36.

416

M. Martinón-Torres and D. C. Killic, in *The Oxford Handbook of Archaeological Theory*, eds. A. Gardner, M. Lake and U. Sommer, 2015.

417

T. Rehren, in The social context of technological change: Egypt and the Near East, 1650-1550 B.C. : proceedings of a conference held at St Edmund Hall, Oxford, 12-14 September 2000, Oxbow, Oxford, 2001, pp. 223-138.

418

B. Sillar and M. S. Tite, *Archaeometry*, 2000, **42**, 2-20.

419

M. S. Tite, in *Handbook of archaeological sciences*, John Wiley, Chichester, 2001, pp. 443-448.

420

R. G. V. Hancock, in *Modern analytical methods in art and archaeology*, Wiley, New York, 2000, vol. Chemical analysis, pp. 11-20.

421

M. Shackley, in *X-ray fluorescence spectrometry (XRF) in geoarchaeology*, Springer, New York, 2011, pp. 7-44.

422

M. S. Shackley, in *X-ray fluorescence spectrometry (XRF) in Geoarchaeology*, ed. M. S. Shackley, New York ; London : Springer, 2011.

423

R. M. Contrey, M. Goodman-Elgar, N. Bettencourt, A. Seyfarth, A. Van Hoose and J. A. Wolff, *Geochemistry: Exploration, Environment, Analysis*.

424

E. Frahm and R. C. P. Doonan, *Journal of Archaeological Science*, 2013, **40**, 1425–1434.

425

M. Shackley, *SAA archaeological record*, 2010, 17–20.

426

M. S. Shackley, *Archaeology Southwest Magazine*.

427

A. N. Shugar and J. L. Mass, *Handheld XRF for art and archaeology*, Leuven University Press, Leuven, 2012, vol. Studies in archaeological sciences.

428

A. N. Shugar, in *Archaeological chemistry VIII*, eds. R. A. Armitage and J. H. Burton, American Chemical Society, Washington, DC, 2013, vol. ACS symposium series, pp. 173–189.

429

A. Charalambous, V. Kassianidou and G. Papasavvas, *Journal of Archaeological Science*, 2014, **46**, 205–216.

430

L. Dussubieux and H. Walder, *Journal of Archaeological Science*, 2015, **59**, 169–178.

431

T. Kearns, M. Martinón-Torres and T. Rehren, *Historical metallurgy: journal of the Historical Metallurgy Society*, 2010, **44**, 48–58.

432

M. Martinón-Torres, X. J. Li, A. Bevan, Y. Xia, K. Zhao and T. Rehren, *Journal of Archaeological Method and Theory*, 2014, **21**, 534–562.

433

M. Martinón-Torres, R. Valcārcel Rojas, J. Sáenz Samper and M. F. Guerra, *Journal of Anthropological Archaeology*, 2012, **31**, 439–454.

434

M. Martinón-Torres and M. A. Uribe-Villegas, *Journal of Archaeological Science*.

435

M. Nicholas and P. Manti, in ICOM-CC 17th Triennial Conference Preprints, Melbourne, ed. J. Bridgland, Paris: International Council of Museums, 15AD.

436

V. Orfanou and Th. Rehren, *Archaeological and Anthropological Sciences*, 2015, **7**, 387–397.

437

N. Forster, P. Grave, N. Vickery and L. Kealhofer, *X-Ray Spectrometry*, 2011, **40**, 389–398.

438

Y. Goren, H. Mommsen and J. Klinger, *Journal of Archaeological Science*, 2011, **38**, 684–696.

439

A. M. W. Hunt and R. J. Speakman, *Journal of Archaeological Science*, 2015, **53**, 626–638.

440

R. J. Speakman, N. C. Little, D. Creel, M. R. Miller and J. G. Iñaki Ezcurra, *Journal of Archaeological Science*, 2011, **38**, 3483–3496.

441

D. Dungworth and B. Girbal, English Heritage Research Department Report Series.

442

S. Liu, Q. H. Li, F. Gan, P. Zhang and J. W. Lankton, *Journal of Archaeological Science*, 2012, **39**, 2128–2142.

443

A. J. Nazaroff, K. M. Prufer and B. L. Drake, *Journal of Archaeological Science*, 2010, **37**, 885–895.

444

E. Frahm, *Journal of Archaeological Science*, 2013, **40**, 1080–1092.

445

R. J. Speakman and M. Steven Shackley, *Journal of Archaeological Science*, 2013, **40**, 1435–1443.

446

E. Frahm, *Journal of Archaeological Science*, 2013, **40**, 1444–1448.

447

M. Milić, *Journal of Archaeological Science*, 2014, **41**, 285–296.

448

P. Grave, V. Attenbrow, L. Sutherland, R. Pogson and N. Forster, *Journal of Archaeological Science*, 2012, **39**, 1674–1686.

449

D. Ogburn, B. Sillar and J. C. Sierra, *Journal of Archaeological Science*, 2013, **40**, 1823–1837.

450

C. Colombo, S. Bracci, C. Conti, M. Greco and M. Realini, *X-Ray Spectrometry*, 2011, **40**, 273–279.

451

T. D. Chaplin, R. J. H. Clark and M. Martinón-Torres, *Journal of Molecular Structure*, 2010, **976**, 350–359.

452

A. Eliyahu-Behar, S. Shilstein, N. Raban-Gerstel, Y. Goren, A. Gilboa, I. Sharon and S. Weiner, *Journal of Archaeological Science*, 2008, **35**, 2895–2908.

453

R. K. Gauss, J. Băitora, E. Nowaczinski, K. Rassmann and G. Schukraft, *Journal of Archaeological Science*, 2013, **40**, 2942–2960.

454

Y. Abe, I. Nakai, K. Takahashi, N. Kawai and S. Yoshimura, *Analytical and Bioanalytical*

Chemistry, 2009, **395**, 1987–1996.

455

M. Cotte, P. Dumas, Y. Taniguchi, E. Checroun, P. Walter and J. Susini, Comptes Rendus Physique, 2009, **10**, 590–600.

456

G. E. De Benedetto, R. Laviano, L. Sabbatini and P. G. Zambonin, Journal of Cultural Heritage, 2002, **3**, 177–186.

457

M. L. Eiland and Q. Williams, Geoarchaeology, 2001, **16**, 875–903.

458

I. C. Freestone and A. P. Middleton, Mineralogical Magazine, 1987, **51**, 21–31.

459

G. M. Ingo, S. Balbi, T. de Caro, I. Fragalà, E. Angelini and G. Bultrini, Applied Physics A, 2006, **83**, 493–497.

460

M. Martinón-Torres and M. A. Uribe-Villegas, Journal of Archaeological Science.

461

P. Ricciardi, P. Colombari, A. Tournié, M. Macchiarola and N. Ayed, Journal of Archaeological Science, 2009, **36**, 2551–2559.

462

M. Sax, J. M. Walsh, I. C. Freestone, A. H. Rankin and N. D. Meeks, Journal of Archaeological Science, 2008, **35**, 2751–2760.

463

T. G. Conservation institute, Infrared Spectroscopy in Conservation Science - infrared spectroscopy, 1999.

464

M. L. Young, F. Casadio, S. Schnepp, E. Pearlstein, J. D. Almer and D. R. Haeffner, Applied Physics A, 2010, **100**, 635–646.

465

C. Orton, Sampling in archaeology, Cambridge University Press, Cambridge, 2000, vol. Cambridge manuals in archaeology.

466

M. S. Tite, Papers from the Institute of Archaeology: PIA, 2002, **13**, 1–6.

467

K. W. Tubb, Papers from the Institute of Archaeology, , DOI:10.5334/pia.294.

468

A. Hein, A. Tsolakidou, I. Iliopoulos, H. Mommsen, J. Buxeda i Garrigàs, G. Montana and V. Kilikoglou, The Analyst, 2002, **127**, 542–553.

469

A. Heginbotham, A. Bezur, M. Bouchard, J. M. Davis, K. Eremin, J. H. Frantz, L. Glinsman, L. A. Hayek, D. Hook, V. Kantarelou, A. McGath, A. Shugar, J. Sirois, D. S. R. Smith and R. J. Speakman, in In Metal 2010. Proceedings of the International Conference on Metal Conservation, Charleston, South Carolina, USA, October 11-15, 2010, eds. P. Mardikian, C.

Chemello, C. Watters and P. Hull, Clemson University, 2010, pp. 178–188.

470

R. Kovacs, S. Schlosser, S. P. Staub, A. Schmiderer, E. Pernicka and D. Gänther, Journal of Analytical Atomic Spectrometry, , DOI:10.1039/b819685k.

471

M. J. Baxter, Exploratory multivariate analysis in archaeology, Edinburgh University Press, Edinburgh, 1994.

472

M. J. Baxter, Statistics in archaeology, Arnold, London, 2003, vol. Arnold applications of statistics.

473

M. J. Baxter and C. E. Buck, in Modern analytical methods in art and archaeology, Wiley, New York, 2000, vol. Chemical analysis, pp. 681–746.

474

M. J. BAXTER and I. C. FREESTONE, Archaeometry, 2006, **48**, 511–531.

475

M. F. Charlton, E. Blakelock and M. Martinon-Torres, Journal of Archaeological Science, 2012, **39**, 2280–2293.

476

R. D. Drennan, Statistics for archaeologists: a commonsense approach, Springer, New York, 2nd ed., 2009, vol. Interdisciplinary contributions to archaeology.

477

M. Fletcher and G. R. Lock, *Digging numbers: elementary statistics for archaeologists*, Oxford University Committee for Archaeology, Oxford, 1991, vol. Monograph / Oxford University Committee for Archaeology.

478

Orton, Clive, *Mathematics in archaeology*, Collins, London, 1980, vol. Collins archaeology.

479

S. Shennan, *Quantifying archaeology*, University of Iowa Press, Iowa City, 2nd ed., 1997.

480

C. P. Thornton, C. C. Lamberg-Karlovsky, M. Liezers and S. M. M. Young, *Journal of Archaeological Science*, 2002, **29**, 1451–1460.

481

M. J. Ponting, *Institute for Archaeo-Metallurgical Studies newsletter*, 2002, **22**, 3–6.

482

C. Chippindale, in *Handbook of archaeological methods*, Altamira Press, Lanham, Md, 2006, vol. 2, pp. 1339–1371.

483

K. Sand-Jensen, *Oikos*, 2007, **116**, 723–727.

484

P. White, in *Archaeology in practice: a student guide to archaeological analyses*, Blackwell,

Malden, MA, 2006, pp. 410–425.