

DAVID J. MELTZER – PUBLICATIONS LIST

BOOKS & MONOGRAPHS:

- 2015 Meltzer, D.J. *The Great Paleolithic War: how science forged an understanding of America's Ice Age past*. University of Chicago Press, Chicago.
- 2009 Meltzer, D.J., *First peoples in a New World: colonizing Ice Age America*. University of California Press, Berkeley. (Paperback, Kindle and Audiobook editions, 2010)
- 2006 Meltzer, D.J., *Folsom: new archaeological investigations of a classic Paleoindian bison kill*. University of California Press, Berkeley.
- 1998 Meltzer, D.J., editor, *Ancient Monuments of the Mississippi Valley. 150th Anniversary Edition*. By E.G. Squier and E.H. Davis. Smithsonian Institution Press, Washington, D.C.
- 1993 Meltzer, D.J., *Search for the first Americans*. Smithsonian Books, Washington, D.C. and St. Remy's Inc., Montreal.
- 1992 Meltzer, D.J. and R.C. Dunnell, editors, *The archaeology of William Henry Holmes*. (In the series *Classics of Smithsonian Anthropology*). Smithsonian Institution Press, Washington, D.C.
- 1991 Dillehay, T.D. and D.J. Meltzer, editors, *The first Americans: search and research*. CRC Press, Boca Raton, Florida.
- 1986 Meltzer, D.J., D.D. Fowler and J.A. Sabloff, editors, *American archaeology: past and future. A celebration of the Society for American Archaeology*. Smithsonian Institution Press, Washington, D.C. (Second edition, 1993).
- 1985 Mead, J.I. and D.J. Meltzer, editors, *Environments and extinctions: man in late glacial North America*. Center for the Study of Early Man, University of Maine, Orono.
- 1979 Meltzer, D.J., *Archaeological excavations at an historic dry dock, Lock 35, Chesapeake and Ohio Canal*. National Park Service, Denver.

JOURNAL ARTICLES & BOOK CHAPTERS:

- 2016 Pedersen, M., A. Ruter, C. Schweger, H. Friebe, R.A. Staff, K.K. Kjeldsen, M.L. Zepeda Mendoza, A.B. Beaudoin, C. Zutter, N.K. Larsen, B. Potter, K. Magnussen, R. Nielsen, R.A. Rainville, L. Orlando, D.J. Meltzer, K.H. Kjær and E. Willerslev, Postglacial viability and colonization in North America's ice-free corridor. *Nature* 537:45-49.
- 2015 Grayson, D.K. and D.J. Meltzer, Revisiting Paleoindian exploitation of extinct North American mammals. *Journal of Archaeological Science* 56:177-193.
- 2015 Jayalath, K., R.F. Gunst & D.J. Meltzer, Spatial point process identification of an apparent Ice Age house structure. *Spatial Statistics* 14:563-580.
- 2015 Meltzer, D.J. Kennewick Man: coming to closure. *Antiquity* 89:1485-1493.
- 2015 Meltzer, D.J. Pleistocene overkill and North American mammalian extinctions. *Annual Review of Anthropology* 44:33-53.
- 2015 Raghavan, M., M. Steinrücken, K. Harris, S. Schiffels, S. Rasmussen, A. Albrechtsen, C. Valdiosera, M.C. Ávila-Arcos, A-S. Malaspinas, M. DeGiorgio, A. Eriksson, I. Moltke, M. Metspalu, J.R. Homburger, J. Wall, O.E. Cornejo, J.V. Moreno-Mayar, T.S. Korneliussen, T. Pierre, M. Rasmussen, P.F. Campos, P. de Barros Damgaard, M.E. Allentoft, J. Lindo, E. Metspalu, R. Rodríguez-Varela, J. Mansilla, C. Henrickson, A. Seguin-Orlando, H. Malmström, T.W. Stafford, S. Shringarpure, A. Moreno-Estrada, M. Karmin, K. Tambets, A. Bergström, Y. Xue, V. Warmuth, A. Friend, J. Singarayer, P. Valdes, F. Balloux, I. Lebreiro, J.L. Vera, H. Rangel-Villalobos, D. Pettener, D. Luiselli, L.G. Davis, E. Heyer, C.P.E. Zollikofer, M.S. Ponce de León, C.I. Smith, V. Grimes, K. Pike, M. Deal, B.T. Fuller, B. Arriaza, V. Standen, M.F. Luz, L. Osipova, M.I. Voevoda, O. Balanovsky, M. Lavryashina, Y. Bogunov, E. Khusnutdinova, M.

- Gubina, E. Balanovska, S. Fedorova, S. Litvinov, B. Malyarchuk, M. Derenko, M.J. Mosher, D. Archer, J. Cybulski, B. Petzelt, J. Mitchell, R. Worl, P.J. Norman, P. Parham, B. Kemp, T. Kivisild, C. Tyler-Smith, M.S. Sandhu, M. Crawford, R. Villems, D.G. Smith, M.R. Waters, T. Goebel, J.R. Johnson, R.S. Malhi, M. Jakobsson, D.J. Meltzer, A. Manica, R. Durbin, C.D. Bustamante, Y.S. Song, R. Nielsen & E. Willerslev, Genomic evidence for the Pleistocene and Recent population history of Native Americans. *Science* 349:841, aab3884-1-aab3884-10.
- 2015 Rasmussen, M., M. Sikora, A. Albrechtsen, T.S. Korneliussen, J.V. Moreno-Mayar, G.D. Poznik, C.P.E. Zollikofer, M. Ponce de León, M.E. Allentoft, I. Moltke, H. Jónsson, C. Valdiosera, R.S. Malhi, L. Orlando, C.D. Bustamante, T.W. Stafford, D.J. Meltzer, R. Nielsen & E. Willerslev, The ancestry and affiliations of Kennewick man. *Nature* 523:455-458. (Named one of *Science* magazine's nine runners-up of "significant scientific achievements of 2015" [*Science* 18 December 2015])
- 2015 Reynard, L., D.J. Meltzer, S.D. Emslie and N. Tuross, Stable isotopes in yellow-bellied marmot (*Marmota flaviventris*) fossils reveal environmental stability in the late Quaternary of the Colorado Rocky Mountains. *Quaternary Research* 83:345-354.
- 2014 Eren, M.I., R.J. Patten, M.J. O'Brien and D.J. Meltzer, More on the rumor of 'Intentional overshoot flaking' and the purported Ice-Age Atlantic crossing. *Lithic technology* 39:55-63.
- 2014 Holliday, V.T., T. Surovell, D.J. Meltzer, D.K. Grayson and M. Boslough, The Younger Dryas Impact Hypothesis: a cosmic catastrophe. *Journal of Quaternary Science* 29:515-530.
- 2014 Meltzer, D.J., Clovis at the end of the world. *Proceedings of the National Academy of Sciences* 111(34): 12276-12277.
- 2014 Meltzer, D.J., V.T. Holliday, M. Cannon and S. Miller, Chronological evidence fails to support claim of an isochronous widespread layer of cosmic impact indicators dated to 12,800 years ago. *Proceedings of the National Academy of Sciences* 111(21): E2162-E2171.
- 2014 Rasmussen, M., S. Anzick, M. Waters, P. Skoglund, M. DeGiorgio, T.W. Stafford, S. Rasmussen, I. Moltke, A. Albrechtsen, S. Doyle, G.D. Poznik, V. Gudmundsdottir, R. Yadav, A. Malaspinas, S. White, M.E. Allentoft, O.E. Cornejo, K. Tambets, A. Eriksson, P.D. Heintzman, M. Karmin, T. Korneliussen, D.J. Meltzer, T.L. Pierre, J. Stenderup, L. Saag, V. Warmuth, M. Cabrita Lopes, S. Brunak, T. Sicheritz-Ponten, I. Barnes, M. Collins, L. Orlando, F. Balloux, A. Manica, M. Metspalu, C.D. Bustamante, M. Jakobsson, R. Gupta, R. Nielsen, E. Willerslev, The genome of a Late Pleistocene human from a Clovis burial site in western Montana. *Nature* 506:225-229.
- 2013 Eren, M.I., R.J. Patten, M.J. O'Brien and D.J. Meltzer, Refuting the technological cornerstone of the Ice-Age Atlantic crossing hypothesis. *Journal of Archaeological Science* 40:2934-2941.
- 2013 Meltzer, D.J., The human colonization of the Americas, archaeology. *Encyclopedia of Global Human Migrations*, Volume 1: Prehistory. P. Bellwood, ed., pp. 61-69. Wiley Publishing.
- 2013 Meltzer, D.J., Lewis Binford. *Oxford Bibliographies Online*. doi: 10.1093/obo/9780199766567-0102
- 2012 Boslough, M., K. Nicoll, V. Holliday, T. Daulton, D. Meltzer, N. Pinter, A. Scott, T. Surovell, P. Claeys, J. Gill, F. Paquay, J. Marlon, P. Bartlein, C. Whitlock, D. Grayson and T. Jull, Arguments and evidence against a Younger Dryas impact event. In *Climates, Landscapes and Civilizations*, P. Clift, ed., pp. 13-26. *Geophysical Monograph Series* 198, American Geophysical Union.
- 2012 Briles, C., C. Whitlock, and D.J. Meltzer. Last glacial-interglacial environments in the southern Rocky Mountains, USA and implications for Younger Dryas-age human occupation. *Quaternary Research* 77:96-103.
- 2012 Meltzer, D.J. and O. Bar-Yosef, Looking for the Younger Dryas. In *Hunter-gatherer behavior: human response during the Younger Dryas*, M.I. Eren, editor, pp. 249-267. Left Coast Press, Walnut Creek, California.
- 2011 Eren, M.I., D.J. Meltzer and R. Colwell. The Platte Canyon Bypass: a multi-component locality in central Colorado. *Southwestern Lore* 77:22-24.

- 2011 Holliday, V.T., D.J. Meltzer, and R. Mandel, Stratigraphy of the Younger Dryas Chronozone and paleoenvironmental implications: Central and Southern Great Plains. *Quaternary International* 242:520-533.
- 2011 Meltzer, D.J., La chasse au bison à Folsom: nouveau regard sur un site de référence. In *Peuplements et préhistoire en Amérique*, D. Vialou, ed., pp. 85-96. Éditions du Comité des travaux historiques et scientifiques (CTHS), Paris.
- 2011 Meltzer, D.J., Lewis Roberts Binford, 1931-2011. *Biographical Memoirs of the National Academy of Sciences* Volume 96
- 2011 Straus, L.G., L.A. Borrero, R. Hunter-Anderson, W.A. Longacre, D.J. Meltzer, D. Read, J.A. Sabloff & F. Wendorf, Lew Binford deserves more than the usual obituary. *Journal of Anthropological Research* 67:321-331.
- 2010 Holliday, V.T. and D.J. Meltzer, The 12.9ka ET impact hypothesis and North American Paleoindians. *Current Anthropology* 51:575-607. (Named *Archaeology* magazine's 2010 'Undiscovery of the Year')
- 2010 Meltzer, D.J., When destiny takes a turn for the worse: William Henry Holmes and, incidentally, Franz Boas in Chicago, 1892-1897. *Histories of Anthropology Annual* 6:171-224.
- 2010 Meltzer, D.J. and V.T. Holliday, Would North American Paleoindians have noticed Younger Dryas age climate changes? *Journal of World Prehistory* 23:1-41.
- 2009 Cooper, J.R. and D.J. Meltzer, Investigations at 5GN149, a lithic workshop in the Upper Gunnison Basin, Colorado. *Colorado Archaeology* 2:3-29.
- 2008 Cannon, M.D. and D.J. Meltzer, Explaining variability in early Paleoindian foraging. *Quaternary International* 191:5-17.
- 2007 Bever, M. and D.J. Meltzer, Investigating variation in Clovis Paleoindian lifeways: the third revised edition of the Texas Clovis Fluted Point Survey. *Bulletin of the Texas Archeological Society* 78:65-99.
- 2007 Byerly, R.M., J.R. Cooper, D.J. Meltzer, M.E. Hill and J.M. LaBelle, A further assessment of Paleoindian site-use at Bonfire Shelter. *American Antiquity* 72:373-381
- 2007 Byerly, R.M., D.J. Meltzer, J. Cooper, and J. Theler, Exploring Paleoindian site-use at Bonfire Shelter (41VV218). *Bulletin of the Texas Archeological Society* 78:125-147.
- 2007 Haynes, G., D.G. Anderson, C.R. Ferring, S.J. Fiedel, D.K. Grayson, C.V. Haynes, V.T. Holliday, B.B. Huckell, M. Kornfeld, D.J. Meltzer, J. Morrow, T. Surovell, N.M. Waguespack, P. Wigand, and R.M. Yohe, Comment on "Redefining the Age of Clovis: Implications for the Peopling of the Americas." *Science* 317:320 (on-line Technical Comment)
- 2007 Mann, D.H. and D.J. Meltzer, Millennial-scale dynamics of valley fills over the past 12,000 ¹⁴C years, northeastern New Mexico, USA. *Geological Society of America Bulletin* 119:1433-1448.
- 2007 Meltzer, D.J., R.M. Byerly, and J. Cooper, On an alternative interpretation of Paleoindian site use at Bonfire Shelter. *Bulletin of the Texas Archeological Society* 78:159-160.
- 2006 Feathers, J., V.T. Holliday, and D.J. Meltzer, Optically Stimulated Luminescence dating of Southern High Plains archaeological sites. *Journal of Archaeological Science* 33:1651-1655.
- 2006 Meltzer, D.J., History of research on the Paleo-Indian. *Handbook of North American Indians*, Volume 3, pp. 110-128. D.H. Ubelaker, Volume editor, W.C. Sturtevant, General editor. Smithsonian Institution, Washington, D.C.
- 2006 Meltzer, D.J., J.D. Seebach, and R.M. Byerly, The Hot Tubb Folsom-Midland site (41CR10), Texas. *Plains Anthropologist* 51:157-184.
- 2005 Balakrishnan, M., C. Yapp, D.J. Meltzer, and J. Theler, Paleoenvironment of the Folsom site ~10,500 ¹⁴C years B.P. as inferred from the stable isotope composition of fossil land snails. *Quaternary Research* 63:31-44.
- 2005 Byerly, R.M. and D.J. Meltzer, Historic period faunal remains from Mustang Springs, west Texas. *Plains Anthropologist* 50:93-110.

- 2005 Byerly, R.M., J.R. Cooper, D.J. Meltzer, M.E. Hill and J.M. LaBelle, On Bonfire shelter (Texas) as a Paleoindian bison jump: an assessment using GIS and zooarchaeology. *American Antiquity* 70:595-629.
- 2005 Meltzer, D.J. The Late Paleoindian period in the Americas. In *The Human Past*, C. Scarre, ed. pp. 307-313. Thames and Hudson, London.
- 2005 Meltzer, D.J., The Seventy-year itch: controversies over human antiquity and their resolution. *Journal of Anthropological Research* 61(4):433-468.
- 2005 Strauss, L.G., D.J. Meltzer and T. Goebel, Ice Age Atlantis? exploring the Solutrean-Clovis "Connection." *World Archaeology* 37:506-531.
- 2004 Cannon, M.D. and D.J. Meltzer, Early Paleoindian foraging: examining the faunal evidence for large mammal specialization and regional variability in prey choice. *Quaternary Science Reviews* 23:1955-1987.
- 2004 Grayson, D.K. and D.J. Meltzer, North American overkill continued? *Journal of Archaeological Science* 31:133-136.
- 2004 Meltzer, D.J., Modeling the initial colonization of the Americas: issues of scale, demography, and landscape learning. In *The settlement of the American continents: a multidisciplinary approach to human biogeography*, edited by C.M. Barton, G.A. Clark, D.R. Yesner and G.A. Pearson, pp. 123-137. University of Arizona Press, Tucson.
- 2004 Meltzer, D.J., North America – Plains. In *Encyclopedia of World Environmental History*, edited by S. Krech, J. McNeill, and C. Merchant, Volume 2, pp. 928-932. Berkshire Publishing Group, Great Barrington, Massachusetts.
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- 2004 Meltzer, D.J., Peopling of North America. In *The Quaternary period in the United States*, edited by A. Gillespie, S.C. Porter and B. Atwater, pp. 539-563. Elsevier Science, New York.
- 2003 Grayson, D.K. and D.J. Meltzer, Requiem for North American overkill. *Journal of Archaeological Science* 30:585-593. (Reprinted 2009, see below)
- 2003 LaBelle, J.M., V.T. Holliday and D.J. Meltzer, Early Holocene Paleoindian deposits at Nall Playa, Oklahoma Panhandle. *Geoarchaeology* 18:5-34.
- 2003 Meltzer, D.J., In the heat of controversy: C.C. Abbott, the American Paleolithic, and the University Museum, 1889-1893. In *Archaeology and archaeologists in Philadelphia*, edited by D. Fowler and D. Wilcox, pp. 48-87. University of Alabama Press, Tuscaloosa.
- 2003 Meltzer, D.J., Lessons in landscape learning. In *Colonization of unfamiliar landscapes: the archaeology of adaptation*, edited by M. Rockman & J. Steele, pp. 222-241. Routledge, London.
- 2002 Grayson, D.K. and D.J. Meltzer, Clovis hunting and large mammal extinction: a critical review of the evidence. *Journal of World Prehistory* 16 (4):313-359.
- 2002 Meltzer, D.J., The Children of Jacob: using evolutionary biology to explore Genesis. *CCAR Journal* Fall 2002:58-71.
- 2002 Meltzer, D.J., Starring the anthropologists in the American Men of Science. In *Anthropology, history, and American Indians: essays in honor of William C. Sturtevant*, edited by William Merrill and Ives Goddard. Smithsonian Contributions to Anthropology 44:221-238.
- 2002 Meltzer, D.J., Thomas Wolfe and eastern North American Paleoindians. In *Ice Age peoples of Pennsylvania*, edited by K. Carr and J. Adovasio, pp. 159-166. Recent Research in Pennsylvania Archaeology, Number 2. Pennsylvania Historical & Museum Commission, Harrisburg, PA.
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- 2002 Meltzer, D.J., L.C. Todd and V.T. Holliday, The Folsom (Paleoindian) type site: past investigations, current studies. *American Antiquity* 67:5-36.

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- 2001 Meltzer, D.J., Holmes, William Henry (1846-1933). *Encyclopedia of archaeology: histories and discoveries*, Volume II, edited by T. Murray, pp. 640-641. ABC-CLIO, Santa Barbara, California.
- 2000 Meltzer, D.J., Renewed investigations at the Folsom Paleoindian type site. *Antiquity* 74:35-36.
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- 1999 Meltzer, D.J., Human responses to Middle Holocene (Altithermal) climates on the North American Great Plains. *Quaternary Research* 52:404-416.
- 1999 Meltzer, D.J., On Monte Verde. In Special Report: Monte Verde Revisited, pp. 16-17, in *Discovering Archaeology* (November/December).
- 1999 Meltzer, D.J., William Henry Holmes (1846-1933). *Encyclopedia of archaeology: the great archaeologists*, edited by T. Murray, pp. 175-191. ABC-CLIO, Santa Barbara, California.
- 1998 Meltzer, D.J., Ephraim Squier, Edwin Davis, and the making of an American archaeological classic. In *Ancient Monuments of the Mississippi Valley, 150th Anniversary Edition*, pp. 1-97, by E.G. Squier and E. H. Davis. Smithsonian Institution Press, Washington, D.C.
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- 1997 Meltzer, D.J., Monte Verde and the Pleistocene peopling of the Americas. *Science* 276:754-755. (Translated 1997, see below)
- 1997 Meltzer, D.J., D.K. Grayson, G. Ardila, A.W. Barker, D.F. Dincauze, C.V. Haynes, F. Mena, L. Nunez and D.J. Stanford, On the Pleistocene antiquity of Monte Verde, southern Chile. *American Antiquity* 62(4):659-663. (Translated 1997, Reprinted 2004, see below)
- 1996 Holliday, V.T. and D.J. Meltzer, Geoarchaeology of the Midland (Paleoindian) site, Texas. *American Antiquity* 61:755-771.
- 1996 Meltzer, D.J., Antiquity of humankind in the Americas. In *The Oxford Companion to Archaeology*, edited by B. Fagan, pp. 36-38. Oxford University Press, New York.
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- 1996 Meltzer, D.J., Settlement of the Americas after 12,000 B.P. In *The Oxford Companion to Archaeology*, edited by B. Fagan, pp. 24-26. Oxford University Press, New York.
- 1996 Meltzer, D.J., Uma perspectiva do norte sobre o povoamento das Americas (A northern perspective on the peopling of the Americas). In *Anais da Conferência Internacional sobre o Povoamento das Américas*. Revista da Fundação Museu do Homem Americano 1:242-258.
- 1996 Meltzer, D.J., J.M. Adovasio & T.D. Dillehay, Uma visao da Toca do Boqueirao da Pedra Furada. (A view of Toca do Boqueiro da Pedra Furada). In *Anais da Conferência Internacional sobre o Povoamento das Américas*. Revista da Fundação Museu do Homem Americano 1:348-377.
- 1995 Meltzer, D.J., Clocking the first Americans. *Annual Review of Anthropology* 24:21-45.
- 1995 Meltzer, D.J., Modeling the prehistoric response to Altithermal climates on the Southern High Plains. In *Ancient peoples and landscapes*, edited by E. Johnson, pp. 349-368. Texas Tech University Press, Lubbock.
- 1995 Meltzer, D.J. and M.L. Bever, Paleoindians of Texas: an update on the Texas Clovis fluted point

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- 1994 Holliday, V.T., C.V. Haynes, J.L. Hofman, and D.J. Meltzer, Geoarchaeology and geochronology of the Miami (Clovis) site on the Southern High Plains of Texas. *Quaternary Research* 41:234-244.
- 1994 Meltzer, D.J., The discovery of deep time: a history of views on the peopling of the Americas. In *Method and theory for investigating the peopling of the Americas*, edited by R. Bonnicksen and D.G. Steele, pp. 7-26. Center for the Study of the First Americans, Corvallis.
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