

Program
Paleoanthropology Society
April 4-5, 2000
University Museum
University of Pennsylvania

Tuesday, April 4: 9:00 – 12:15

9:00-9:15 Introduction

9:15 Wiedemann, F. (George Washington University) Experimental data on enamel deposition in sheep: implications for sampling strategies for stable isotope analyses

9:30 Joulian, F. (College de France) Body techniques and lithic traditions among chimpanzees: Plio-Pleistocene implications

9:45 Kingston, J. (Yale University), A. Hill (Yale University) and A. Deino (Berkeley Geochronology Center) Evolution of East African hominid communities and high resolution Pliocene climatic change in the central Kenyan Rift

10:00 Pickering, T. (Indiana University) and K. Carlson (Indiana University) Baboon bone mineral densities: implications for the taphonomy of primate skeletons in South African cave sites

10:15 de Ruiter, D. (University of the Witwatersrand) A revised relative frequency of hominids from the Hanging Remnant of the Swartkrans Formation, South Africa, and its implications for re-interpreting the ecology and taphonomy of the Swartkrans hominids

(10:30 – 10:45 Coffee Break)

10:45 Backwell, L. (University of the Witwatersrand) and F. d'Errico (CNRS) A new functional interpretation of the Swartkrans early hominid bone tools

11:00 Kuman, K. (University of the Witwatersrand), A. Field (University of Southampton) and J. McNabb (University of Liverpool) Sterkfontein Oldowan and Early Acheulean: analytic and experimental results

11:15 Susman, R. (SUNY, Stony Brook) Fossil evidence for the evolution of tool behavior

11:30 DeGusta, D. (UC Berkeley) Inferring paleohabitats from the functional morphology of bovid postcrania

11:45 Sikes, N. (Smithsonian Institution) Using paleosol stable isotopes to reconstruct Olduvai basin landscapes

12:00 Ludwig, B. (Rutgers University) New evidence for the possible use of controlled fire from ESA sites in the Olduvai and Turkana basins

Tuesday, April 4: 2:00 – 6:00

2:00 Bar-Yosef, O. (Harvard University) and A. Belfer-Cohen (Hebrew University) The healthier choice: early colonizations of Eurasia

2:15 O'Connell, J. (University of Utah), K. Hawkes (University of Utah) and N. Blurton Jones (UC Los Angeles) A critical look at the role of carnivory in early human evolution

2:30 Zeitoun, V. (College de France) New paradigm and new chronology for *Homo sapiens* emergence: a cladistic point of view

2:45 Delson, E. (Lehman College, NYCEP), S. Marquez (Mount Sinai School of Medicine (Mount Sinai)), K. Mowbray (American Museum of Natural History (AMNH)), G. Sawyer (AMNH), K. Harvati (City University of New York), D. Reddy (AMNH), L. Marcus (Queens College), T. Jacob (Gadjah Mada University) and I. Tattersall (AMNH) Sambungmachan 3, a new *Homo erectus* from Java via New York City

3:00 Broadfield, D. (Mount Sinai, NYCEP), R. Holloway (Columbia University), K. Mowbray (AMNH), M. Yuan, (Columbia University), A. Silvers, (Mount Sinai), J. Laitman, (Mount Sinai) and S. Marquez (Mount Sinai) The endocast of Sambungmachan 3 (SM-3): a new *Homo erectus* from Java

3:15 Rosenberg, K. (University of Delaware) and Z. Lu (Peking University) The evolution of human pelvic morphology in the Pleistocene: the view from Jinniushan (Liaoning Province, China)

(3:30 – 3:45 Coffee Break)

3:45 Schwarcz, H. (McMaster University) W.J. Rink (McMaster University) and J. Bartoll (McMaster University) Skinflint: a potential new method of dating Paleolithic flint tools

4:00 McBrearty, S. (University of Connecticut) Identifying the Acheulian to Middle Stone Age transition in the Kapthurin Formation, Baringo, Kenya

4:15 Hosfield, R. (University of Southampton) Hominid demography in the European Middle Pleistocene: models and trends

4:30 Gowlett, J. (University of Liverpool), D. Bell (University of Liverpool) and J. Hallos (University of Liverpool) Beeches Pit: archaeology of a Middle Pleistocene site in East Anglia, UK, 1996-1999 seasons

4:45 Marks, A. (Southern Methodist University) and Jean-Philip Brugal (CNRS) Excavations at the late Middle Pleistocene cave of Galeria Pesada: 1997/1999

5:00 Mallol, C. (Harvard University) The selection of lithic raw materials in the Lower Paleolithic site of Gran Dolina (Sierra de Atapuerca, Spain) and its technological implications

5:15 Berger, G. (Desert Research Institute) and A. Gonzalez (Universidad Complutense) Some optical dating results from karstic cave sediments at Atapuerca, Spain

5:30 Steguweit, L. (University of Jena, Forschungsstelle Bilzingsleben) and D. Mania (University of Jena, Forschungsstelle Bilzingsleben) Animal bones with intentional cut marks from the Middle Pleistocene site of Bilzingsleben, Germany

5:45 Ambrose, S. (University of Illinois) Change in Middle Stone Age settlement patterns in the Central Rift Valley, Kenya

Reception

Wednesday, April 5: 8:30 – 12:15

8:30 Abe, Y. (SUNY Stony Brook), C. Marean (SUNY Stony Brook), P. Nilssen (University of Cape Town) and E. Stone (SUNY Stony Brook) Taphonomy and zooarchaeology of the Die Kelders Cave 1 Middle Stone Age large mammal remains

8:45 Meignen, L. (Centre de Recherches Archeologiques) and O. Bar-Yosef (Harvard University) The Mousterian industry of Kebara and its place within the Middle Paleolithic of the Near East

9:00 Delage, C. (Universite de Paris I), L. Meignen (Centre de Recherches Archeologiques) and O. Bar-Yosef (Harvard University) Chert procurement and the organization of lithic production in the Mousterian of Hayonim Cave (Israel)

9:15 Stiner, M. (University of Arizona), P. Goldberg (Boston University), S. Kuhn (University of Arizona), L. Meignen (Centre des Recherches Archeologiques), T. Surovell (University of Arizona), S. Weiner (Harvard University) and O. Bar-Yosef (Harvard University) Long gone or never was? Infrared and macroscopic data on bone diagenesis in Hayonim Cave (Israel)

9:30 Kricun, M. (University of Pennsylvania), A. Mann (University of Pennsylvania) and J. Monge (University of Pennsylvania) Radiography of the Krapina hominid collection

9:45 Tillier, A-M (Universite Bordeaux I) Evidence for juvenile mortality in Middle Paleolithic children from Central and Western Europe

10:00 McPherron, S. (Bishop Museum) and H. Dibble (University of Pennsylvania) A forgotten Mousterian: the Asinipodian of Pech de l'Aze IV (Dordogne, France)

(10:15 – 10:30: Coffee Break)

10:30 Szmíd, C. (University of Cambridge) Middle Paleolithic patterns and Neanderthal behaviour in Southern France: a regional, integrative and comparative approach

10:45 Gaudzinski, S. (Römisch-Germanisches Zentralmuseum Mainz) and W. Roebroeks (University of Leiden) Reindeer exploitation at the Middle Paleolithic site of Salzgitter-Lebenstedt, Northern Germany

11:00 Rosell, J. (Universitat Rovira i Virgili (URiV)), A. Canals (URiV), E. Allue (URiV), D. Angelucci (Universita di Ferrara), R. Huguet (Museo Nacional de Ciencias Naturales), J. Garcia (URiV), M. Garcia-Anton (URiV), K. Martinez (URiV), and P. Saladie (URiV) The Middle Paleolithic site at Fuentes de San Cristobal (Huesca, Spain)

11:15 Marquez, S. (Mount Sinai, NYCEP), P. Gannon (Mount Sinai), A. Silvers (Mount Sinai), W. Lawson (Mount Sinai), K. Mowbray (AMNH), I. Tattersall (AMNH), R. Holloway (Columbia University), J. Reidenberg (Mount Sinai) and J. Laitman (Mount Sinai) Picking a Neanderthal's nose: gaining insight into the evolution of respiratory behaviors by examination of the nasal complex

11:30 Bailey, S. (Arizona State University) Implications of dental morphology for population affinity among Late Pleistocene and recent humans

11:45 Minichillo, T. (University of Washington) and C. Marean (SUNY Stony Brook) Behavioral ecological modeling and faunal resource use in the Middle and Later Stone Ages of Southern Africa

12:00 Mercader, J. (Smithsonian Institution), D. Piperno (Smithsonian Institution), A. Brooks (George Washington University), R. Marti (Universidad Nacional de Educacion a Distancia, Madrid) and I. Holst (Smithsonian Institution) Ancient foragers as early colonizers of tropical forests

Wednesday, April 5: 2:00 – 6:00

2:00 Willoughby, P. (University of Alberta) Investigating the origins of modern human behaviour in Southwestern Tanzania: a Middle or Later Stone Age event?

2:15 Schroeder, B (University of Toronto, Scarborough) Paleolithic of Syrian desert-steppe and the site of Jerf al-Ajla

2:30 Adler, D. (Harvard University), N. Tushabramishvili (Georgian State Museum), D. Lordkipanidze (Georgian State Museum), A. Vekua (Georgian Academy of Sciences), M. Tvalcherlidze (Georgian Academy of Sciences) and A. Muskhelishvili (Georgian State Museum) The Paleolithic occupations at Ortvale Klde and their bearing on the prehistory of Transcaucasia

2:45 Cabrera, V. (Universidad Nacional de Educacion a Distancia, Madrid), A. Pike-Tay (Vassar College) and F. Bernaldo de Quiros (Universidad de Leon) The beginnings of the Upper Paleolithic in Cantabria (Spain): levels 18B and 18C of Cueva del Castillo

3:00 Wolpoff, M. (University of Michigan), D. Frayer (University of Kansas), M. Oliva (Moravian Museum) and J. Jelinek (Moravian Museum) The Mladec males: Aurignacian crania from Moravia

3:15 White, R. (New York University) and Y. Taborin (Université de Paris) A technological analysis of the personal ornaments from the Chatelperronian and Aurignacian levels, Grotte du Renne, Arcy-sur-Cure (Yonne), France

(3:30 –4:45: Coffee Break)

3:45 Pelegrin, J. (CNRS), M. O'Farrell (University of Pennsylvania) and H. Knecht (Thinking Strings, Short Hills, NJ) The recently excavated lithic and osseous assemblages from the Early Aurignacian site of Abri Castanet (Dordogne region, France)

- 4:00 Bolus, M. (Universitat Tubingen) and N. Conard (Universitat Tubingen) Early *Homo sapiens sapiens* in Swabian Jura and the origins of cultural modernity
- 4:15 Straus, L. (University of New Mexico), N. Bicho (Universidade do Algarve) and A. Winegardner (University of New Mexico) Mapping the Upper Paleolithic of the Iberian Peninsula
- 4:30 Zilhao, J. (Instituto Portugues de Arqueologia(IPA)), C. Duarte (IPA) and A. Araujo (IPA) Lagar Velho: the archaeology on an Early Upper Paleolithic burial site
- 4:45 Thacker, P. (Texas A&M University--Commerce) and C. Pereira (Carta Arqueologia de Rio Maior) Sand, slopewash, surfaces and spatial organization: a high definition approach to a Gravettian campsite at Vale de Obidos, Portugal
- 5:00 Olszewski, D. (Bishop Museum) and N. Coinman (Iowa State University) Behavioral diversity in the Wadi al-Hasa ca. 25,000 to 19,000 BP
- 5:15 Nadel, D. (Haifa University) Brush hut floors, hearths and flints: the Ohalo II case study (19KY, Jordan Valley, Israel)
- 5:30 Orschiedt, J. (Universität Hamburg) Head burials from the Ofnet Cave, Southwest Germany: results of a reexamination
- 5:45 – 6:15 Business Meeting