

Program
Paleoanthropology Society
March 25 and 26, 2008
Vancouver Canada

Poster Session

Tuesday, March 25: 4:15 – 6:00

Asssefa, Z., E. Hovers, O. Pearson, D. Pleurdeau, Y. Lam and C. T/Tsion
Survey and exploration of cave sediments in southeastern Ethiopia: Preliminary results

Avery, G., D. Halkett, R. Klein, J. Orton, T. Steele and S. Wurz
New discoveries from the Ysterfontein 1 Middle Stone Age Rockshelter, South Africa

Bisson, M. A. Nowell, M. Poupart, C. Cordova, R. DeWitt and M. al-Nahar
The Ma'in site complex: Middle Paleolithic lithic procurement on the Madaba Plateau, northern Jordan

Blackwell, B., R. Long, J. Gong, J. Smith, M. Kleindienst, A. Skinner and J. Kieniewicz
ESR dating of spring and paleolake deposits near Kharga, Western Desert, Egypt

Braun, D. and W. Archer
Variability in Acheulian technology at Elandsfontein, South Africa

Conkey, M., S. Lacombe and K. Sterling
Between the caves: Survey and open air Paleolithic sites in the French Midi-Pyenees

Cross A. and M. Collard
A whole-body analysis of Neanderthal thermoregulation

Goble, E., A. Hill and J. Kingston
Digital elevation models as heuristic tools

Grove, M.
Estimating hunter-gatherer group size via spatio-allometric analysis

Gunz, P., K. Harvati and J.-J. Hublin
Cranial scaling relationships in early Homo

Herries, A., J. Thompson, Z. Jacobs, E. Fisher, E. Thompson, K. Kyriacou and S. Schwartz, C. Marean and T. Matthews

Evidence for short MSA occupation events at PP9 (Mossel Bay, South Africa) at 133 and 85 ka; evidence for early systematic exploitation of marine resources during single occupation events

Hodgkins, J. and J. Riel-Salvatore

Identifying cut marks produced from flakes vs bifaces: Further evidence for interpreting the function of early stone tools (Oldowan and Acheulean)

Hu, Y., H. Shang, H. Tong, S. Zhang, F. Chen, W. Liu, C. Wang, E. Trinkaus and M. Richards

Isotope analysis of an Early Upper Paleolithic human and associated fauna from Tianyuan Cave, Zhoukoudian, China

Huffman, O., J. deVos and A. Berkhout

New archival evidence confirming the provenience of the 1931-1933 Ngandong Homo erectus fossils, Java

Jashashvili, T., M. Ponce de Leon, N. Morimoto and C. Zollikofer

Humeral torsion in hominoids: What is it, and who has it?

Kirera, F.

Paleohabitat spatial models for Koobi Fora Plio-Pleistocene environment, northern Kenya

Kissel, M. and J. Hawks

A behavioral and anatomical evaluation of the Homo helmei hypothesis

Lazenby, R., M. Skinner, R. Tilgner and J.-J. Hublin

3D trabecular microarchitecture in SKX 5020, a first metacarpal attributed to Paranthropus robustus, compared with Pan and Homo

Leader, G., R. Gibbon, K. Kuman, D. Granger and T. Partridge

New evidence suggesting organized flaking strategies in early Acheulean core reduction strategies: Rietputs 15 (Northern Cape), South Africa

Lycett, S.

Is the Victoria West a 'proto-Levallois' industry?

Mazurier, A. and C. Verna

A reassessment of the La Quina 9 mandible (Charente, France) through its virtual reconstruction

McCall, G., S. Horn, H. Humphrey, E. Khalifa and M. Sanders

Artifact trampling, bipolar fracturing, edge damage and polishing: Taphonomic implications of a Namibian Early Stone Age assemblage recovered from an elephant wallow

Miller, A.

Effects of global Pleistocene climate change on local environments and human land-use

Nalley, T.

A comparative analysis of the relationship between head posture and atlanto-occipital joint morphology in anthropoids

Neubauer, S., P. Gunz and J.-J. Hublin

Basicranial angulation and influence on overall cranial shape in humans

Niewoehner, W.

Preliminary shape analysis of the LB1 Homo floresiensis capitate-metacarpal facets

Premo, L. and J.-J. Hublin

Culturally mediated migration lowers genetic diversity: A metapopulation model with implications for humans, Neandertals and their common ancestor

Reed, K., J. Hodgkins, A. Rector and F. Amani

Preliminary taxonomic and zooarchaeological analyses of the faunal assemblage from Grotte des Contrebandiers, Morocco

Reed, D.

Paleoenvironmental implications of new micromammal fossils from the Hadar and Busidima Formations, Ethiopia

Riel-Salvatore, J.

Right time, right place? An empirical evaluation of the case for acculturation over the transition interval in Italy

Sandgathe, D., H. Dibble, S. McPherron, A. Turq and B. Blackwell

Quina occupations at Roc de Marsal, Dordogne, France

Sept, J., C. Griffith and B. Long

Agent based modeling (ABM) experiments help evaluate hypotheses about niche separation in early Pleistocene hominid species in East Africa

Sisk, M., R. Mensan and R. White

Topographic interpolation as a tool for excavation: Examples from the Abri Castanet, Dordogne (France)

Shoer, L., A. Skinner, P. Wrinn, B. Blackwell, A. Krivoschapkin and A. Derevianko

Further explorations into the chronology of the Obi-Rakhmat site, Uzbekistan

Stutz, A.

Correlating climate change and culture change in the Levantine Epipaleolithic: A matrix correlation approach

Tryon, C., A. Logan, D. Mouralis, S. Kuhn and L. Slimak
Building a tephrochronological framework for the central Anatolian Paleolithic

Verna, C., F. Ramirez-Rozzi, F. D'Errico, A. Lenoble, A. Michel, S. Renou and M. Vanhaeren
New Aurignacian human remains from Chez les Rois (Charente, France)

Williams, B., C. Musimba, J. Wright, J. Florence and C. Magori
Refining data collection and documentation of Pliocene animal trackways at Laetoli and their potential use in paleoecological interpretations

Williams, E., A. Gordon and B. Richmond
Upper limb motion during stone tool production

Oral Presentations

Tuesday, March 25 9:00 – 12:30

9:00 Introduction

9:15 Morin, E.
Marrow bone selection and fatty acid composition: Implications for the evolution of human subsistence strategies

9:30 Skinner, M., P. Gunz, B. Wood and J.-J. Hublin
Enamel-dentine junction (EDJ) morphology distinguishes the lower molars of *Australopithecus africanus* and *Paranthropus robustus*

9:45 Copeland, S., J. Lee-Thorp, M. Sponheimer, D. de Ruiter, P. Le Roux, V. Grimes, D. Codron, J. Codron and M. Richards
New strontium isotope evidence for hominin residence and ranging in the Sterkfontein Valley, South Africa

10:00 Sutton, M., T. Pickering, C. Brain, R. Clarke, J. Heaton and K. Kuman
New interpretations of the Pleistocene fossil- and artifact-bearing deposits at Swartkrans Cave, South Africa

10:15 Steininger, C., D. de Ruiter, R. Pickering, J. Kramers, J. Hancox, S. Churchill and L. Berger
New hominin specimens from Cooper's Cave, South Africa

10:30 Discussion

10:45 Quinn, R., C. Lepre, J. Wright, C. Feibel, H. Roche and S. Harmand
Environmental contexts of early Homo: Pedogenic carbonate isotopic evidence from the Nachukui Formation, West Turkana

11:00 Hovers, E., C. Campisano and C. Feibel
Patterns of land use by late Pliocene hominins in Hadar, Ethiopia

11:15 Stout, D., S. Semaw, M. Rogers and D. Cauche
Technological variation in the earliest Oldowan (2.6 Ma) from Gona, Afar, Ethiopia

11:30 Semaw, S., M. Rogers, D. Stout, J. Quade, N. Levin, P. Renne, T. Kidane and S. Simpson
The Oldowan-Acheulian transition: New insights from Gona, Ethiopia

11:45 Sahnouni, M., J. Rosell, J. Van der Made, J. Verges, A. Olle, A. Derradji, Z. Harichane, N. Mellah and N. Kandi
Early hominin subsistence activities: The first archaeological evidence (with cutmarks) from the Plio-Pleistocene localities of Ain Hanech and El-Kherba (1.78 Ma), Algeria

12:00 Belmaker, M.
Paleodietary analysis of medium-sized cervids in 'Ubeidiya, Israel: Evidence for Mediterranean oak woodland habitat in the early Pleistocene of the Jordan Valley and its bearing on climatic hypotheses of 'Out of Africa I'

12:15 Discussion

Tuesday, March 25 2:00 – 4:15

2:00 Nowell, A. and M. Chang
The case against sexual selection as an explanation of handaxe morphology

2:15 Gibbon, R., D. Granger, T. Partridge, K. Kuman and G. Leader
Cosmogenic burial dating of the Acheulean tool-bearing Rietputs Formation, Northern Cape Province, South Africa

2:30 Mishra, S., S. Deo and R. Abbas
Behavioral implications of early Acheulean technology: An Indian perspective

2:45 Granger, D., G. Shen and X. Gao
Radiometric dating at Zhoukoudian (Locality 1) based on cosmogenic nuclide dating of stone tools

3:00 Discussion

3:15 Stiner, M.

Hunters of the Acheulo-Yabrudian through Middle Paleolithic in the eastern Mediterranean Basin

3:30 Sampson, G.

Digital mapping of Early versus Middle Stone Age surface sites in the Seacow River valley, South Africa

3:45 Faith, J.

Eland, buffalo and wild pigs: Were Middle Stone Age humans ineffective hunters?

4:00 Discussion

4:15 – 6:00 Poster session

6:00 – 7:00: Lascaux Video/Special Presentation (Prince of Wales Room, Hyatt Regency)

Wednesday, March 26 8:30 – 12:30

8:30 Thompson, J.

Differences between human-accumulated faunal assemblages at two contemporaneous Middle Stone Age sites in the Western Cape, South Africa

8:45 Villa, P. M. Soressi, C. Henshilwood and V. Mourre

The Still Bay points of Blombos Cave (South Africa)

9:00 Bar-Matthews., M. C. Marean, P. Karkanas, Z. Jacobs, E. Fisher, A. Herries and A. Ayalon

A high resolution and continuous isotopic speleothem record of paleoclimate and paleoenvironment from 92-55 Ka from Pinnacle Point, South Africa

9:15 Bernatchez, J., K. Brown, C. Marean and Z. Jacobs

A continuous archaeological sequence from MIS 3 to 5: Preliminary results from the Middle Stone Age deposits at Pinnacle Point Site 5-6, Mossel Bay, Southern Cape, South Africa

9:30 Marean, C., K. Bar-Matthews, J. Bernatchez, E. Fisher, P. Goldberg, A. Herries and Z. Jacobs

Human use of marine resources, pigments and bladelets at Pinnacle Point Site 13B (South Africa) during the Middle and Later Pleistocene

9:45 Clark, J., L. Wadley, M. Mohapi, M. Lombard and I. Plug

New insights on hunting behavior during the Howiesons Poort: Faunal and lithic evidence from Sibudu Cave (KwaZulu-Natal, South Africa)

10:00 Brown, K., C. Marean, D. Roberts, A. Herries, D. Braun, C. Tribolo and Z. Jacobs
First documentation of heat treatment of silcrete in the Howiesons Poort and Still Bay
Middle Stone Age industries, Southern Cape, South Africa

10:15 Mercader, J.
Starch on lithics from the Mozambican Middle Stone Age

10:30 Delagnes, A., R. Macchiarelli, J. Jaubert, S. Peigne, J.-F. Tournepiche, P. Bertran,
R. Cassard, L. Khalidi, C. Tribolo, C. Hatte, N. Mercier, E. Messenger, A. Meunier, E.
Abbate, M. Al Halbiy and A. Mosabi
Middle Paleolithic settlement in Arabia: first evidence from a stratified archaeological
site in western Yemen

10:45 Petraglia, M.
New investigations in the Kurnool District of India: Out of Africa dispersals and the
evolution of modern human behaviors in the Late Pleistocene

11:00 Ambrose, S., M. Williams, S. van der Kaars, U. Chattopadhyaya, J. Pal, P.
Chauhan and F. Guichard
Paleosol carbonate and pollen evidence for deforestation and cooling in South Asia
caused by the Toba super-eruption: Implications for human evolution

11:15 Smith, T., J.-J. Hublin and P. Tafforeau
Synchrotron investigations of fossil hominin dental structure and development

11:30 Rak, Y. and W. Hylander
Anatomical correlates for increased gape in the Neandertal face

11:45 Wrinn, P.
Environmental change and Neandertal settlement patterns in the Altai Mountains, Siberia

12:00 Viola, B., M. Teschler-Nicola, K. Schaefer, A. Derevianko and H. Seidler
Morphology of the easternmost Neandertals

12:15 Discussion

Wednesday, March 26 2:00 – 6:30

2:00 Hallin, K., M. Schoeninger, and H. Schwarcz
Paleoclimate during Neandertal and early modern human occupation at Amud and
Qafzeh, Israel: The stable isotope data

2:15 Henry, A. and D. Piperno
Plants in Neandertal diet: Plant microfossil evidence from the dental calculus of Shanidar
III

- 2:30 Meignen, L., S. Beyries and O. Bar Yosef
Middle Paleolithic blade tools in Hayonim cave (Israel), to what purpose?
- 2:45 Gaudzinski-Windheuser, L. Kindler, W. Roebroeks, E. Bruhl, D. De Loecker, T. Laurat, H. Kamermans and A. Verpoorte
Interglacial Neandertals at Neumark-Nord (Germany)
- 3:00 Niven, L., P. Goldberg, H. Dibble, S. McPherron, D. Sandgathe, S. Mentzer, D. Richter and A. Turq
The role of fire in Neandertal adaptations: The case study of Pech de l'Aze IV, Layer 8
- 3:15 Backer, A.
Results of excavations at le Gros Roc, Charente-Maritime, France
- 3:30 Discussion
- 3:45 Jaubert, J.
The chronostratigraphy of Middle Paleolithic industries in France: new data from the Southwest, specifically the Mousterian's end
- 4:00 Hildebrand, E., S. Brandt, E. Fisher, M. Mohammed, H. Wang, S. S. Ambrose, R. Roberts, R. Grun
Late Pleistocene environments and technological change in a Northeast African refugium: Current research at Moche Borago Rockshelter, Southwestern Ethiopia
- 4:15 Hoffecker, J., M. Anikovich, A. Sinitsyn, V. Popov, S. Lisitsyn and V. Holliday
Early Upper Paleolithic on the Central Plain of Eastern Europe: New research at Kostenki-Borshchevo
- 4:30 Nigst, P., B. Viola, P. Haesaerts, F. Damblon, S. Blockley, C. Frank, D. Richter, M. Gotzinger, U. Hambach, C. Mallol, L. Moreau, L. Niven, M. Richards, G. Trnka and J.-J. Hublin
New research on the Early Upper Paleolithic in Central Europe: Excavations in Willendorf II, Austria (2006 & 2007)
- 4:45 Conard, N. and C. Miller
Results from the re-excavations at Vogelherd Cave, Swabian Jura, Germany
- 5:00 Straus, L.
A shelter in the storm: The Solutrean adaptations in SW Europe during the Last Glacial Maximum
- 5:15 Discussion
- 5:30 – 6:30 Business meeting

