

Paleoanthropology Society

Program for Columbus April 27-28, 1999 Columbus Hyatt Regency

Tuesday, April 27, 9:00 - 12:20

- 9:00-9:15 Introduction
- 9:15 [Richard May](#) and [Richard Sherwood](#)
Shape measurements of the early hominid cranial base
- 9:35 [Travis Rayne Pickering](#), [Tim D. White](#) and [Nicholas Toth](#)
Stone tool cutmarks on Stw 53, an early hominid from Sterkfontien, South Africa
- 9:55 [J.A. Lee-Thorp](#) and [Matt Sponheimer](#)
Preliminary results of a study of carbon and oxygen isotope ratios in modern faunal enamel carbonate, and application to identification of ecological niche of extinct fauna from Swartkrans
- 10:15 [Rene Bobe](#) and [Anna K. Behrensmeyer](#)
Environmental changes in early hominid evolution derived from analysis of fossil mammals from the lower Omo Valley, Ethiopia
- 10:35-11:00 Coffee Break
- 11:00 [Margaret J. Schoeninger](#) and [Holly Reeser](#)
Paleoenvironment of Allia Bay, East Turkana, Kenya 3.9 Myr: the stable isotope data
- 11:20 [Nikolaas J. van der Merwe](#), [Amy Cushing](#) and [Robert Blumenschine](#)
Stable isotope ratios of fauna and the environment of palaeolake Olduvai
- 11:40 [Tom Plummer](#), [Laura Bishop](#), [John Kingston](#), [Nancy Sikes](#), [Peter Ditchfield](#), [Fritz Hertel](#) and [Joe Ferraro](#)
Reconstructing Oldowan hominid paleoecology
- 12:00 [Robert J. Blumenschine](#), [Charles R. Peters](#), [Fidelis T. Masao](#), [Gail M. Ashley](#), [James I. Ebert](#)
Preliminary tests of paleoanthropological predictions for hominid land use in the east-central portion of the lowermost Bed II Olduvai Basin, Tanzania

Lunch

Tuesday, April 27, 2:00 - 6:00

- 2:00 [Michael J. Rogers](#), [Christopher M. Monahan](#), [John W.K. Harris](#), [Susan Cachel](#) and [Daniel Deocampo](#)
New discoveries of hominid-modified bones from the Koobi Fora Formation, Kenya
- 2:20 [Brian Richmond](#)
Reconstructing locomotor behavior in early hominids: evidence from primate development
- 2:40 [R. Potts](#), [A.K. Behrensmeyer](#) and [P. Ditchfield](#)
Hominid responses to Pleistocene paleolandscapes, Olorgesailie Formation, Kenya
- 3:00 [Sally McBrearty](#), [Barbara Brown](#), [Alan Dieno](#), [John Kingston](#) and [Steven Ward](#)
Anatomy, context, age and affinities of hominids from the Kapthurin Formation, Baringo, Kenya
- 3:20-3:35 Coffee Break
- 3:35 [J. O'Connell](#), [K. Hawkes](#) and [N. Blurton Jones](#)
Can grandmothering explain the evolution of Homo erectus?
- 3:55 [O. Frank Huffman](#)
Variety in the paleoenvironment of early Homo erectus of Java, Indonesia
- 4:15 [Kildo Choi](#) and [Dubel Driwantoro](#)
Cut mark evidence for meat-eating and tool use by Pleistocene early hominids in Java
- 4:35 [Gilliane Monnier](#)
Evaluating the archaeological evidence for a Lower/Middle Paleolithic division in Western Europe
- 4:55 [Paola Villa](#) and [Francesco d'Errico](#)
Bone and ivory points in the Lower and Middle Paleolithic A review of the evidence from Western Europe
- 5:15 [Alison S. Brooks](#), [David M. Helgren](#) and [John E. Yellen](#)
The Middle Stone age of the Ethiopian rift: new data from the Middle Awash
- 5:35 [Alan G. Morris](#) and [Fredrick E. Grine](#)
Hofmeyr and the origin of anatomically modern South Africans
- 8:30 **Wednesday, April 28, 8:30 - 12:10**
[Trenton W. Holliday](#)
Oafzah Skull, West Asian "Neandertals" and modern human origins

- 8:50 [Osbjorn M. Pearson](#)
Cranial, West Asian Neanderals and modern human origins
Postcranial differences between the earliest modern humans and recent people
- 9:10 [Zachary J. Davis](#)
Levantine Mousterian mobility patterns: the view from Mt. Carmel, Israel
- 9:30 [P.E. Nehoroshev](#) and [L.B. Vishnyatsky](#)
Shlyakh - a new Middle Paleolithic site in the South Russian Plain
- 9:50 [B.L. Hardy](#) and [M. Kay](#)
New Evidence for Reconstructing Neanderthal Subsistence: Functional Analysis of Stone Tools from the Middle Paleolithic of the Crimea
- 10:10-10:30 Coffee Break
- 10:30 [James G. Enloe](#), [Francine David](#) and [Gennady Baryshnikov](#)
Middle Paleolithic zooarchaeology: hyenas and hunters at Prolom II
- 10:50 [Gilbert B. Tostevin](#)
The Middle to Upper Paleolithic transition from the Levant to Central Europe: diffusion or in situ development?
- 11:10 [R.M. Quam](#), [J-L Arsuaga](#), [C. Lorenzo](#), [J.C. Diez](#)
Middle Paleolithic human remains from Valdegoba Cave (Huermeceas, Burgos, Spain)
- 11:30 [M.T. Black](#)
The "trunk torsion hypothesis" and Neanderthal superior pubic ramal morphology
- 11:50 [J. L. Thompson](#) and [A. J. Nelson](#)
Le Moustier 1, limb proportions and the ontogeny of the Neanderthal form
- Lunch
- Wednesday, April 28, 2:00 - 6:00**
- 2:00 [Jeffrey T. Laitman](#), [Joy S. Reidenberg](#), [Samuel Marquez](#), [Douglas C. Broadfield](#), [William Lawson](#), [Adam Silvers](#) and [Ian Tattersall](#)
By a preponderance of the evidence, the Neanderthal upper respiratory tract differed from that of living humans
- 2:20 [S.E. Churchill](#), [L.L. Shackelford](#), [J.N. Georgi](#) and [M.T. Black](#)
Airflow dynamics in the Neanderthal nose
- 2:40 [Robert G. Franciscus](#)
Unique vs. non-unique aspects of Neanderthal upper respiratory anatomy
- 3:00 [Paul Mellars](#)
'Acculturation', 'co-existence' and the end of the Neanderthals
- 3:20-3:40 Coffee Break
- 3:40 [L.B. Vishnyatsky](#)
Pre-Aurignacian Reconsidered
- 4:00 [Eric Trinkaus](#)
Pathology and persistence in the Pavlovian: paleopathology and mobility of Dolni Vestonice 15
- 4:20 [Jeffrey K. McKee](#)
Faunal dating of southern African fossil assemblages: a reflexive test
- 4:40 [Christopher M. Monahan](#)
Quantifying bone modification by African wild dogs and spotted hyenas: implications of models estimating the timing of hominid and carnivore access to animal carcasses
- 5:00 [M.E. Lewis](#) and [L. Werdelin](#)
Implications of mosaic evolution in non-primate taxa for understanding changes in hominid behavioral ecology
- 5:20 [Matt Sponheimer](#), [Kaye E. Reed](#) and [Julia A. Lee-Thorp](#)
Of Isotopes and Ecomorphology
- 5:40-6:00 Business Meeting

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