

**PALEOANTHROPOLOGY SOCIETY
2011 ANNUAL MEETING
MINNEAPOLIS MINNESOTA**

PROGRAM

Posters

Barash, A. and E. Been

Virtual anthropology meets field archaeology: using handheld 3d surface scanner in excavations

Beeton, T., A. Trainer, M. Glantz and J. Sibold

GIS modeling of Paleolithic hominin landscape exploitation strategies in Central Asia

Blegen, N., C. Johnson, D. Leslie and S. McBrearty

Early Middle Stone Age technology at the new site of Loc 305 in the Kapthurin Formation, Kenya

Bleuze, M.

Cross-sectional morphology and mechanical loading in Plio-Pleistocene hominin femora: implications for locomotion

Brophy, J. K., D. J. de Ruiter, L. R. Berger, P. Schmid and S. E. Churchill

An examination of hominin tooth morphology using EFFA

Bruner, E., L. Bondioli, A. Coppa, D. W. Frayer, Y. Libsekal, R. Macchiarelli and L. Rook

A preliminary paleoneurological survey of the endocast from Buia (UA-31)

Costa, A.

A techno-typological reassessment of an alleged Upper Paleolithic assemblage from Visadi (Northwestern India)

von Cramon-Taubadel, N. and H. F. Smith

The relative efficacy of functional-developmental cranial modules for reconstructing hominoid phylogeny: implications for the reconstruction of hominin phylogeny

Curran, S. and A. Fenwick

Expanding ecomorphological methods: geometric morphometric analysis of *Ariodactyl* post-crania

Dibble, L. and E. Ndiema

Lakeshores, hydrology and topography of Holocene Lake Turkana Basin: models of Early, Mid and late Holocene landscapes

Dingwall, H., K. Hatala and B. G. Richmond

Making tracks into the Pleistocene: gait analyses of unshod Daasanach provide stature and speed estimates for fossil footprints

Doronicheva, E. and M. Kulkova
Flint acquisition and transport in the Caucasian Eastern Micoqian

Du, A., A. K. Behrensmeyer, R. J. Blumenschine and J. T. Faith
Landscape neotaphonomic studies and East African carnivore guild structure: modeling hominin scavenging opportunities

Forrest, F., T. Plummer and L. Bishop
Ecomorphological analysis of the bovid mandible using 3D geometric morphometrics, with application to Middle Pleistocene paleoecology at Elandsfontein, South Africa

Gibbon, R., K. Kuman, G. Leader and D. Granger
Early Acheulean technology excavated from pre-Victoria West levels at the site of Canteen Kopje, South Africa, dated with cosmogenic nuclides

Gilmore, C. C.
Does antemortem tooth loss in Homo neanderthalensis indicate human-like behavior? Evidence from a comparative approach

Gravel-Miguel, C.
Exoticism of portable art and ornaments: a study of social networks around the Last Glacial maximum

Hakala, S. and R. Bobe
Distribution of mammalian fauna during the Early Pleistocene of the Koobi Fora Formation, East Turkana, Kenya

Hutson, J.
A survey of recent bone accumulations at Ngamo Pan, Hwange National Park, Zimbabwe

Kibii, J.
Jacovec Cavern: a taxonomic, taphonomic and paleoenvironmental appraisal of a lesser known hominid bearing cave in South Africa

Kissel, M. and J. Hawks
Lithic technologies and information transfer among early human groups in the Middle Pleistocene

Kramer, P.
Velocity consequences of leg length dimorphism in Australopithecus afarensis

Lewton, K. L.
Iliac and ischiopubic modularity: implications for the evolution of the hominin pelvis

Lin, S., Z. Rezek and H. Dibble
The effects of core surface morphology and hammer on flake attributes

Liu, W., X. Wu, S. Lacy, S. Xing and E. Trinkaus

Dento-alveolar abnormalities of the Early Modern Humans from Zhirendong, South China

Marks, T.

Middle Stone Age desert occupations in the Central Namib, Namibia: results of 2010 survey of surface lithic materials

Marsh, H., J. Polanski and S. Maddux

Does size matter? Re-evaluating the species designation of the PU-198 premolar

Maxbauer, D. P., D. J. Peppe, M. Bamford, K. McNulty, H. Dusworth, W. E. H. Harcourt-Smith and L. E. Davis

New paleoenvironmental and paleoclimatic interpretations from fossil leaves for the Early Miocene faunas of Rusinga Island (Lake Victoria, Kenya)

Merritt, S.

Using experimental methods to improve the behavioral resolution of archaeological butchery interpretations

Meyer, V., F. Santos and V. Zeitoun

Trinil femora: Homo sapiens or Homo erectus?

Musiba, C., M. Replogle, N. George, C. Magori, L. Luque, J. Carpio, M. Dominguez-Rodrigo

Taphonomic study of bone surface modification from Pliocene fossil assemblage at Laetoli, Tanzania

Niewoehner, W.

Is the Neandertal opponens pollicis insertion a flange or just a large crest?

Reed, N. D. and S. E. Churchill

Lateral iliac flare in hominins

Reeves, J.

Quantifying time expenditure associated with Neandertal burials and its implications

Reyes, L. D. and M. L. McCrossin

Reconstruction of Australopithecus afarensis sexual dispersal demonstrates that males were more closely related than females at the "First Family" site (A.L. 333, Hadar, Ethiopia)

Rezek, Z.

The use of geographically weighted regression for the study of fine artifact fractions: an example from the Mousterian and Aterian from the Grotte des Contrebandiers (Morocco)

Ritzman, T. and B. Schoville

Seasonality in the Middle and Later Stone Age of coastal southern Africa from comparative Cape fur seal (Arctocephalus pusillus) assemblages: reassessment and future directions

Royer, D.

Classifying sex in Early Homo sapiens using fragmentary os coxae

Sahle, Y. and D. Braun

The context of Early Middle Stone Age occupations in the main Ethiopian Rift: renewed excavations at Gademotta

Schroeder, L. and R. R. Ackerman

A re-evaluation of mandibular variation in early Homo

Schroer, K. E., J. Jernvall and B. Wood

Evaluating Paranthropus monophyly through an inhibitory cascade model of postcanine development

Slater, P.

Results of experimental obsidian microwear analyses using a scanning electron microscope and its applicability to the archaeological record

Stelzer, S., S. Benazzi, B. Viola, O. Kullmer and H. Seidler

Occlusal fingerprint analysis in early hominid molars and its meaning for dietary reconstruction

Tafforeau, P. and T. Smith

The ESRF virtual database: a new resource for paleoanthropologists

Villasenor, A. and A. K. Behrensmeyer

The effects of seasonality and aridity on horn size and sexual dimorphism in extant Aepyceros melampus: implications for interpreting trends in the fossil record in the Hadar Formation, Ethiopia

Voisin, J.-L., D. Frayer and S. Condemi

A new and free database about teeth

Wilkins, J., B. J. Schoville and E. Otarola-Castillo

A statistical analysis of incision patterns at Wonderwerk Cave, South Africa: towards an evaluation of early symbolic behaviors

Zipkin, A. and A. Brooks

Experimental evaluation of ochre-containing mastic in the hafting of hunting armatures

Tuesday, April 12 9:00 – 12:30

Salon B and C

9:00 Introduction

9:15 Teague, R.

Carnivore ecomorphology in Plio-Pleistocene East Asia and East Africa: implications for hominins

9:30 Granger, D.

Strengths, weaknesses and advances in cosmogenic nuclide burial dating

9:45 Ambrose, S. H., G. WoldeGabriel, T. White and G. Suwa

The role of paleosol carbon isotopes in reconstructing the Aramis Ardipithecus ramidus habitat: woodland or grassland?

10:00 Thompson, J. C., S. W. Lansing, C. W. Marean, S. P. McPherron and Z. Alemseged

Experimental definition of bone surface signatures from natural unmodified stones and implications for early hominin subsistence

10:15 Pickering, T. R., M. Dominguez-Rodrigo and H. T. Bunn

“Muddying the water:” doubts about the oldest purported butchery marks from Dikika, Ethiopia

10:30 Discussion

10:45 Carlson, K., D. Stout, D. de Ruiter, P. Tafforeau and L. R. Berger

Interpretations of the endocast of Australopithecus sediba (MH1)

11:00 Churchill, S. E., J. M. Kibii, P. Schmid, K. J. Carlson, N. D. Reed, D. J. de Ruiter and L. R. Berger

Sacroacetabular load transfer and sacral stabilization in the pelvis of Australopithecus sediba

11:15 Macias, M. E., S. E. Churchill and L. R. Berger

Morphological analysis of the elbow joint of Australopithecus sediba

11:30 Subsol, G., B. Moreno, J.-P. Jessel, L. Bruxelles, J. Braga, R. Clarke and F. Thackeray

3D digitization of the excavation site of a fossil hominid (StW573/”Little Foot”, Sterkfontein, South Africa)

11:45 Haile-Selassie, Y.

Early Australopithecus taxonomy in light of new hominid fossils from Woranso-Mille (Central Afar, Ethiopia)

12:00 Latimer, B., S. Simpson and Y. Haile-Selassie

Thoracic shape in Australopithecus

12:15 Discussion

Tuesday April 12 2:00 – 4:00

2:00 Melillo, S.

Scapula morphology of Australopithecus afarensis: new insights from KSD-VP-1/1g

2:15 Green, D. J. and Z. Alemseged

The primitive shoulder blade of Australopithecus

2:30 Bunn, H., M. Dominguez-Rodrigo, A. Mabulla and E. Baquedano
New reconstructions of hominin foraging behavior on Olduvai paleolandscapes

2:45 Ashley, G., D. Barboni, M. Dominguez-Rodrigo, H. Bunn, A. Mabulla and E. Baquedano
Springs and groundwater-fed woodlands: a fresh look at Bed I archaeological sites, Olduvai Gorge, Tanzania

3:00 Belmaker, M., S. A. Hynek, E. Belyaeva, V. Lyubin and S. A. Aslanyan
Preliminary results from a new Lower Paleolithic locality at Kurtan, Lori Plateau, Armenia: evidence for an Early Pleistocene cultural and biogeographic corridor between the Levant and the Lesser Caucasus

3:15 de la Torre, I., L. J. McHenry, M. C. Pante and J. K. Njau
New archaeological research on the origins of the Acheulean at Olduvai Gorge, Tanzania

3:30 Pante, M.
The larger mammal fossil assemblage from JK2, Bed III, Olduvai Gorge

3:45 Discussion

4:00 – 6:00 Poster Session (Salon D)

6:00 – 8:00 Reception with cash bar and snacks (Salon A and B)

Wednesday, April 13 8:30 – 12:30
Salon B and C

8:30 Presnyakova, D., J. Harris, D. Braun, W. Flear and W. Archer
Transition to large cutting tool production at the Koobi Fora Formation, Kenya

8:45 Herries, A., S. Davies, J. Brink, D. Curnoe, G. Warr, M. Hill, S. Rucina,
New exploration and preliminary magnetobiostratigraphical analysis of the Kilombe Acheulian locality, Central Rift, Kenya

9:00 Garcia Garriga, J. and K. Martinez Molina
Lower Pleistocene hominid settlement in northeastern Spain: Vallparadis (Barcelona)

9:15 Huffman, O. F., J. de Vos, B. Voigt, A. Balzeau, A. W. Berkhout and J. P. Johnson
Rivers draining stratovolcanoes in eastern Java – the paleoenvironmental and taphonomic sweet spot for Homo erectus discovery in Indonesia

9:30 Kaifu, Y and H. Baba
Craniofacial evidence for the evolution of Homo erectus and Homo floresiensis

9:45 Rector, A. L. and C. W. Marean
Community paleoecology and habitat variability during Middle Stone Age occupation of the Cape Floral Region, South Africa

10:00 Discussion

10:15 Faith, J. T. and A. S. Brooks

Taphonomy of the large mammals from Boomplaas Cave and its implications for Middle and Later Stone Age subsistence and settlement patterns in the Cape Floral Region, South Africa

10:30 Brown, K. S., C. W. Marean, Z. Jacobs, J. Bernatchez, P. Karkanas, S. Oestmo and B. J. Schoville

A Pre-Howiesons Poort small backed blade MSA occurrence at Pinnacle Point

10:45 Richmond, B. G., K. G. Hatala, W. E. H. Harcourt-Smith, V. Rossi, A. Metallo, C. M. Liutkus and B. L. Pobiner

Early modern human footprint assemblage from Engare Sero, Tanzania

11:00 Tryon, C. A., J. T. Faith, D. J. Peppe, A. Van Plantinga, D. L. Fox, N. D. Garrett, W. F. Keegan

Middle Stone Age hominin occupation of arid environments in the Lake Victoria basin: new evidence from Rusinga and Mfangano islands, Kenya

11:15 Kappelman, J., L. Todd, J. Feathers, M. Fescha, B. Jacobs, M. Kay and C. Klehm

Blue highways: MSA foraging behaviors along the Blue Nile tributaries in NW Ethiopia

11:30 Iovita, R.

Morphological variability in Aterian tanged tools and its implications for the origins of projectile technology

11:45 Friess, M

Middle Pleistocene Homo and the origins of Neandertals – a 3D morphometric analysis

12:00 Glantz, M., S. Temirbekov and J. Sibold

The paleobiogeography of Central Asia: testing the validity of the Neandertal range

12:15 Discussion

Wednesday, April 13 2:00 – 6:30

2:00 Rak, Y., W. Hylander, R. Quam, I. Martinez, A. Gracia and J. L. Arsuaga

Derived characters shared uniquely by Sima de los Huesos mandible sample and Homo neanderthalensis

2:15 Lorenzo, C., R. Quam, I. Martinez, A. Gracia, and J. L. Arsuaga

The bony labyrinth of the Middle Pleistocene Sima de los Huesos hominids (Sierra de Atapuerca, Spain)

2:30 Moncel, M.-H., C. Verna, A. Balzeau, F. Detroit, D. Grimaud-Herve, M.-A. de Lumley, H. Valladas

A new hominin mandible from the Middle Pleistocene, discovered at the site of Payre (south-eastern France)

2:45 Slimak, L. and J. Lewis

Orgnac 3: New perspectives on an old site and directions for future research

3:00 Lewis, J.

Hominin carcass acquisition and processing behavior during the Middle and Early late Pleistocene: new data from Orgnac 3 and Le Grand Abri aux Puces

3:15 Harvati, K, C. Stringer and P. Karkanas

Multivariate analysis and classification of the Apidima 2 cranium from Mani, Southern Greece

3:30 Hodgkins, J.

Tracking climate-driven changes in Neandertal subsistence behaviors

3:45 Discussion

4:00 Bruner, K.

Testing the stratigraphic integrity of Middle and Upper Paleolithic deposits at Vindija Cave

4:15 Riel-Salvatore, J., I. C. Ludeke, F. Negrino, B. Holt and V. Formicola

Mousterian and Proto-Aurignacian spatial organization at Riparo Bombrini, Italy

4:30 Shidrang, S.

The first evidence of cultural modernity in Early Upper Paleolithic of Iran and implications for the initial dispersal of Aurignacian

4:45 Sisk, M. R. Bourrillon, R. Mensan, R. White, A. Clark, C. Cretin and L. Chiotti

The Aurignacian rock engravings of Abri Castanet: 3D documentation and analysis

5:00 De Groot, I. and L. T. Humphrey

Body mass estimation using the first metatarsal in Upper Paleolithic populations

5:15 Siddall, K. G, and E. B. Waxenbaum

The greater sciatic notch index as a designator of sex: implications for LB1/7 (Homo floresiensis)

5:30 Otarola-Castillo, E., B. J. Schoville, J. Wilkins and B. J. Danielson

Leaving it to chance? A statistical method for evaluating the symbolic properties of stone age markings and implications for the origins of symbolism.

5:45 Discussion

6:00 – 6:30 Business meeting

