

Paleoanthropology Society

2001 Annual Meeting

Liberty Room

Westin Crown Center

Kansas City, Missouri

March 27 - 28

Tuesday, March 27, 2001

9:00 – 9:15 Introduction

9:15 – 9:35 Phillips, E.M. (Pennsylvania State University) A quantitative assessment of occlusal relationships in primates.

9:35 – 9:55 Lee, S.-H. (Indiana University of Pennsylvania) Patterns of skeletal sexual dimorphism in human, chimpanzee and gorilla.

9:55 – 10:15 Skinner, A.R. (Williams College), B.A.B. Blackwell (Williams College) and V.S. Lothian (Williams College), Calibrating ESR dating using 2 my-old teeth.

10:15 – 10:35 Blackwell, B.A.B. (Williams College), C.N. Spalding (R.F. Kennedy High School), J.I. B. Blickstein (R.F. Kennedy High School), A.G. Latham (University of Liverpool), P. Quinney (University of Bristol), A.R. Skinner (Williams College), K.L. Kuykendall (University of the Witwatersrand) and K.E. Reed (Arizona State University) ESR dating the hominid-bearing breccias at the Makapansgat Limeworks Cave, South Africa.

10:35 – 10:50 Coffee

10:50 – 11:10 Nigro, J.D. (University of Arkansas), D.J. De Ruiter (University of the Witwatersrand), L.R. Berger (University of the Witwatersrand) and P.S. Ungar (University of Arkansas) A three-dimensional geographic information system for Swartkrans.

11:10 – 11:30 Carlson, K.J. (Indiana University) and T.R. Pickering (Tulane University) Intrinsic qualities of primate bones as predictors of survivorship in carnivore feeding assemblages.

11:30 – 11:50 Coffing, K. (University of California, Davis), H.M. McHenry (University of California, Davis) and C. Boesch (Max Planck Institute for Evolutionary Anthropology) Climbers and tool users: hand function and metacarpal strength of hominids at Sterkfontein and Swartkrans, and of nut-cracking chimps from the Tai Forest, Ivory Coast.

11:50 – 12:10 Berillon, G. (CNRS) Functional pattern of the Australopithecus afarensis hallux: architectural perspectives.

12:10 – 2:00 Lunch

2:00 – 2:20 Prat, S. (College de France) Taxonomic and cladistic analyses of the specimens of early Homo: another point of view.

2:20 – 2:40 Silverman, N.J. (George Washington University), G.T. Schwartz (George Washington University) and B. Wood (George Washington University) Are the P4s of *Paranthropus* uniquely molarized.

2:40 – 3:00 Kingston, J.D. (Emory) and T. Harrison (New York University) High-resolution middle Pliocene landscape reconstructions at Laetoli, Tanzania.

3:00 – 3:20 Ditchfield, P. (University of Bristol), J. Ferraro (UCLA), T. Plummer (Queens College), L. Bishop (Liverpool John Moores University) and R. Potts (Smithsonian Institution) Hominid activities in an early secondary grassland at Kanjera South, Kenya.

3:20 – 3:35 Coffee

3:35 – 3:55 Kirera, F.M. (University of Arkansas), N.R. Malit (State University of New York, Binghamton) and J.E. Ngalla (National Museums of Kenya) A new Plio-Pleistocene fossiliferous locality, Gatarakwa, in Central Kenya.

3:55 – 4:15 Braun, D.R. (Rutgers University) and J.W.K. Harris (Rutgers University) Oldowan technology: new insights from digital image analysis of Koobi Fora lithic assemblages.

4:15 – 4:35 Hardy, B.L. (Grand Valley State University) and M.J. Rogers (Southern Connecticut State University) Microscopic investigation of stone tool function from Okote Member sites, Koobi Fora, Kenya.

4:35 – 4:55 Lepre, C. (Rutgers University) Home bases, raw material and sedimentology from the Okote Member, Koobi Fora Formation, northern Kenya: a geoarchaeological study.

4:55 – 5:15 Simpson, S.W. (Case Western Reserve University), S. Semaw (Indiana University), K. Schick (Indiana University), N. Toth (Indiana University), J. Quade (University of Arizona), M. Dominguez-Rodrigo (Universidad Complutense de Madrid) and M.J. Rogers (Southern Connecticut State College). Early Pliocene hominid remains from Gona, Ethiopia.

5:15 – 5:35 Semaw, S. (Indiana University), K. Schick, (Indiana University), N. Toth, (Indiana University), M.J. Rogers, (Southern Connecticut State College), J. Quade (University of Arizona), S.W. Simpson (Case Western Reserve University) and M. Dominguez-Rodrigo (Universidad Complutense de Madrid) Further 2.5-2.6 million year old artifacts, new Plio-Pleistocene archaeological sites and hominid discoveries of 1999 from Gona, Ethiopia.

Wednesday, March 28, 2001

8:30 – 8:50 Sahnouni, M. (Indiana University), A. Derradji (University of Algiers), D. Hadjouis (Laboratoire Departemental d'Archeologie), A. Canals (University Rovira I Virgili), M. Medig (University of Algiers), H. Belahrech (Musee Nationale de Setif), S. Abdesselam (Institut de Paleontologie Humaine), Z. Harichane (Agence Nationale d'Archeologie) and M. Rabhi (Agence Nationale d'Archeologie) Continuing investigations in the Early Pleistocene locality of Ain Hanech, Northeastern Algeria.

8:50 – 9:10 Latimer, B. (Cleveland Museum of Natural History) and J.C. Ohman (Liverpool John Moores University) Axial dysplasia in *Homo erectus*.

9:10 – 9:30 Schoeninger, M.J. (University of California, San Diego), H.T. Bunn (University of Wisconsin), J.A. Marlett (University of Wisconsin) and S.S. Murray (University of Wisconsin) Hungry Hadza Grandmothers.

9:30 – 9:50 Chou, A. (Society for East Asian Archaeology) Migration of early hominids during the Pleistocene.

9:50 – 10:10 Zeitoun, V. (CNRS) and H. Widiyanto (Balai Arkeologi Yogyakarta) Phylogeny of the skull of Ngawi (Java, Indonesia)

10:10 – 10:25 Coffee

10:25 – 10:45 Blackwell, B.A.B (Williams College), S. Fevrier (RFK Summer Research Institute), J.I.B. Blickstein (RFK Summer Research Institute), K. Paddayya (Deccan College), M. Petraglia (Smithsonian Institution), R. Jhaldiyal (Deccan College) and A.R. Skinner (Williams College) ESR dating of an Acheulean quarry site at Isampur, India.

10:45 – 11:05 McBrearty, S. (University of Connecticut), A. Diemo (Berkeley Geochronology Center) and C. Tryon (University of Connecticut) Chronology of Middle Pleistocene events in the Kapthurin Formation, Baringo, Kenya.

11:05 – 11:35 Ramirez Rozzi, F.V. (CNRS), J.M. Bermudez de Castro (MNCN CSIC) Dental Development in H. heidelbergensis from Sima de los Huesos, Atapuerca, Spain.

11:35 – 11:55 Harvati, K. (City University of New York) Models of shape variation within and among species and the Neanderthal taxonomic position: a 3-D geometric morphometric approach on temporal bone morphology.

11:55 – 12:15 Bailey, S.E. (Arizona State University) Reconstructing Neandertal postcanine trait polarity: the cheek teeth speak.

12:15 – 2:00 Lunch

2:00 – 2:20 Paunovi, M. (Institute of Quaternary Paleontology and Geology, Croatia), M. Krings (Max Planck Institute of Evolutionary Anthropology), C. Capelli (Catholic University of S. Cuore), F. Tshentscher (Institute for Human Genetics, Essen), H. Geisert (University of Munich), M. Sonja (Max Planck Institute of Evolutionary Anthropology) A. von Haesler (Max Planck Institute of Evolutionary Anthropology) K. Grossschmidt (University of Vienna), G. Possnert (Angstrom Laboratory) and P. Svante (Max Planck Institute of Evolutionary Anthropology) The Vindija hominids: a view of Neandertal genetic diversity.

2:20 – 2:40 Hawks, J.D. (University of Utah) and M.H. Wolpoff (University of Michigan) The accretion model of Neandertal evolution.

2:40 – 3:00 Hallin, K.A. (University of Wisconsin), M.J. Schoeninger (University of California, San Diego) and H.P. Schwarcz (McMaster University) Evidence for summer rains during Neandertal occupation at Amud, Israel: the stable isotope data.

3:00 – 3:20 Weaver, T.D. (Stanford University) The relationship of body proportions with femoral and pelvic shape in recent humans and Late Pleistocene to Holocene fossil hominids.

3:20 – 3:35 Coffee

3:35 – 3:55 Nehoroshev, P. (Institute for the History of Material Culture, St. Petersburg) and L. Vishnyatsky (Institute for the History of Material Culture, St. Petersburg) The Middle to Upper Paleolithic interface in the Russian Plain with particular reference to Shlyakh, the Middle Don, Russia.

3:55 – 4:15 Sladek, V. (Washington University), A. Sefcakova (Slovak National Museum) and J. Bruzek (Universite de Bordeaux) Sex dimorphism among the Early Upper Paleolithic hominids from Central Europe: cranial and pelvic metric variation.

4:15 – 4:35 Enloe, J.G. (University of Iowa) Seasonality, strategy and site function: reindeer hunting at Verberie.

4:35 – 4:55 Stout, D. (Indiana University) Stone tools and cognition in social context: an ethnoarcheological study from New Guinea.

5:00: Business meeting