

## 2008 Annual Meetings

**An evaluation of *Tarsius* dental eruption.** E. HENDERSON AND S. FROST. Department of Anthropology, University of Oregon, Eugene, Oregon 97403.

**What is the impact of phenotypic plasticity on the identification of hominin fossil species? An assessment using extant hominoid craniodental data.** M. COLLARD AND S.J. LYCETT. Department of Archaeology, Simon Fraser University, 8888 University Drive, Burnaby, British Columbia V5A 1S6, CANADA.

**Biological affinity of two non-ruling elite Classic Maya plazuela groups.** S.B. BLACK, Department of Anthropology, San Diego State University, San Diego, CA 92182-6040.

**Dental biodistance analysis and evidence for interregional interaction in pre-contact Mesoamerica.** B.S. AUBRY. Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Metric and non-metric trait variation in the dentition of Holocene Khoesan populations.** W. BLACK, R.R. ACKERMANN, AND J. SEALY. Department of Archaeology, University of Cape Town, Private Bag X3, Rondebosch 7701, Republic of South Africa.

**Sexual dimorphism of maxillary molars: an odontometric analysis of cusp dimensions in the context of evolutionary and ontogenetic development.** L.T. JONES, J.H. LANGDON, AND C.W. SCHMIDT. Department of Anthropology, Indiana University, Bloomington, Indiana 47405-7000.

**Stress Markers in Tooth Cementum caused by Pregnancy.** M. KUENZIE AND U. WITTEWERT-BAKOFEN. Institut für Humangenetik und Anthropologie, Freiburg University, Briesacherstrasse 33, D-79106 Freiburg, GERMANY.

**The dental morphology of modern and prehistoric Sri Lanka and its implications for the peopling of Australasia.** D.R.T. RAYNER. School of Archaeology and Anthropology, A.D. Hope Building #14, Australian National University, Canberra, ACT 0200, AUSTRALIA.

**Enamel defects in the deciduous dentition of the SunWatch (33 MY 57) skeletal sample.** S.A. MARTIN AND P.W. SCIULLI, Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Dental morphometrics in Sudanese Dinka and Nuer refugees to the U.S.** M.S. WILLIS AND E.R. SMITH. Department of Anthropology and Geography, 810 Oldfather Hall, University of Nebraska, Lincoln, Lincoln, Nebraska 68588.

**Evidence of significant Sr isotope heterogeneity in Upper Paleolithic human teeth from the Mladeč caves.** P. GALLER, T. PROHASKA, AND M. TESCHLER-NICOLA. Department of Anthropology (Last Author), Natural History Museum Vienna, Maira-Theresien-Strasse Burgring 7, Vienna 1040, AUSTRIA.

**Biocultural implications from scanning electron microscopy of prehistoric human dental calculus, Ohio.** S.H. BLATT. Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Hypoplastic dental enamel defects among the Classic Period Belizian Maya.** R. SCOPA KELSO. Department of Anthropology, University of Tennessee, 250 South Stadium Hall, Knoxville, TN 37996-0720.

**Archaic stress: a tale of two cemeteries.** J.C. BERBESQUE AND G.H. DORAN. Department of Anthropology, Florida State University, 1847 W. Tennessee Street, Tallahassee, FL 32304.

**Hominine mandibular molar identification using 3D geometric morphometrics.** C. ROBINSON, M. SINGLETON, A. ROSENBERGER, AND R. O'NEILL. Department of Biology & Medical Lab Technology, Bronx Community College, City University of New York, 2155 University Avenue, Bronx, New York 10453.

**Diagnostic dentition: diet and dental health in a historic frontier town.** K.L. CHELOTTI AND C.A. BROWN. Department of Anthropology, California State University, Chico, 400 West First Street, Chico, CA 95929-0400.

**A light microscopy study of the effect of betel nut chewing on enamel microstructure.** G.C. NELSON, Department of Anthropology, University of Oregon, Eugene, Oregon 97403.

**Dental development and enamel thickness in northwestern African modern humans.** D. J. REID, T. M. SMITH, AND J.-J. HUBLIN, Department of Oral Biology, Newcastle University, Newcastle upon Tyne, NE1 7RU, United Kingdom.

**Sexual dimorphism in lateral enamel formation in *Cercocebus* and *Papio*: Time vs. rate.** D. GUATELLI-STEINBERG, R.J. FERRELL, A. HUBBARD, S. SCHMIDT, AND T. TALABERE, Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Ecological stress and linear enamel hypoplasia in *Cebus*.** M.B. CHOLLET AND M.F. TEAFORD, Department of Functional Anatomy & Evolution, The Johns Hopkins University, School of Medicine, Baltimore, Maryland.

**Buccal dental microwear in a living population of baboons from Amboseli (Kenya).** J.GALBANY, J.ALTMANN, A.PÉREZ-PÉREZ, AND S.C. ALBERTS, Department of Animal Biology, University of Barcelona Avinguda Diagonal 645, 08028 Barcelona, SPAIN.

**Morphological affinities and migratory patterns in Precontact Maya populations from the Yucatan Peninsula: a dental non-metric analysis.** A. CUCINA AND V. TIESLER. Facultad de Ciencias Antropológicas, Universidad Autónoma de Yucatán, Mérida, Yucatán, MEXICO.

**Occlusal microwear texture analysis and the diets of historic/prehistoric hunter-gatherers.** S. EL ZAATARI. Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Deutscher Platz 6, 04103 Leipzig, GERMANY.

**Pay the boatman: green stained teeth and jaws in medieval and post-medieval Spanish skeletons.** K. A. HOPKINSON, S. M. YEATS, J. SHEARER AND G.R. SCOTT Department of Anthropology, University of Nevada, Reno, 1664 North Virginia Street, MS 0096, Reno, Nevada 89557-0096.

**Modern European population affinities: a dental study.** S.T. PRICE, Department of Anthropology, Rufus D. Smith Hall, 25 Waverly Place, New York University, New York, NY 10003.

**Dental Texture Analysis of Late Archaic Amerindians from southern Indiana.** M.S. ZOLNIERZ AND C.W. SCHMIDT, Indiana Prehistory Laboratory, Good Hall, University of Indianapolis, Indianapolis, Indiana 46227.

**An analysis of the dental and mandibular morphology of the Makapansgat hominids.** T.C. CRAWFORD, K.L. KUYKENDALL, J.K. MCKEE, AND G.C. CONROY, Department of Anthropology, Washington University, St. Louis, Missouri 63130-4899.

**Similarity of dental microwear between late Neolithic (Jomon) and Yayoi age following Jomon in the west seacoast of Kyushu-Japan .** T. HOJO, Dept. of Anthropology & Anatomy, University of Sangyoidai, Yahatanisi Mitusada, 3-19-5, Kitakyushu City, 807-0805, JAPAN.

**Intra- and Inter regional dental morphological variation in South American populations.** A. ORTIZ AND S.E. BAILEY, Department of Archaeology, Pontificia Universidad Catolica del Peru, 1801 University Avenue, San Miguel, Lima 32, PERU.

**Anterior alveolar process curvature and diet in two West African colobine species.** O.S. ULVI, W.S. MCGRAW, AND D. GUATELLI-STEINBERG Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Roughing it: what it takes for Hapalemur, bears and rodents to chew bamboo.** S. ZOHDY, A. EVANS, P.C. WRIGHT, AND J. JERNVALL, Institute of Biotechnology, P.O. Box 56, Viikinkaari 9, 00014 University of Helsinki, Helsinki, FINLAND .

**Anomalous enamel growth in a modern human molar.** P. MAHONEY AND C.A. DETER, Department of Archaeology, University of Sheffield, Sheffield S10 2TN, UNITED KINGDOM.

**Diet inference based on dental microwear analysis of an early LKB cemetery site in Moravia, the Czeck Republic.** P. NYSTROM, Department of Archaeology, University of Sheffield, Sheffield S10 2TN, UNITED KINGDOM.

**Dental Development in Pigs - A New Model for Studying the Evolutionary Morphology of Primate Teeth.** B.A. ARMPFIELD, J.G.M. THEWISSEN, W.E. HORTON, AND C.J. VINYARD, Dept. of Anatomy, Northeastern Ohio Universities Colleges of Medicine, Rootstown, OH 44272.

**Dental diseases of human skeletal remains of the early-modern period from Kumejima Island, Okinawa, Japan.** H. ISHIDA, K. IREI, T. HANIHARA AND M. YONEDA, Department of Anatomy, University of the Ryukyus, 1 Senbaru Nishihara, Okinawa 903-0213, JAPAN.

**Teeth as tools in an early Neolithic population from Central Germany.** W.-R. TEEGEN, Institute of Prehistory, University of Leipzig, D-04109 Leipzig, GERMANY.

**Dental health and settlement change at Early Bronze Age Bab edh-Dhra', Jordan.** J. ULLINGER, Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Reality bites: monastic dentition refutes historical claims for a vegetarian diet.** K. KEEGAN AND S.G. SHERIDAN, Department of Anthropology, 611 Flanner Hall, University of Notre Dame, South Bend, Indiana 46556.

**Dental evidence for subsistence strategies at the Mississippian site of Spiro Mounds, Oklahoma.** A.T. MAYES, Department of Anthropology, San Diego State University, 5500 Campanile Drive, San Diego, California 92182-6040.

**Working class diet in Predynastic Egypt: as examined through dental indicators.** T.R. GREENE AND J.D. IRISH, Division of Math and Science, Arkansas State University-Beebe, Beebe, Arkansas 72012.

**Dental development in the Neanderthal child of Roc de Marsal (Dordogne, France).** P. BAYLE, J. BRAGA, A. MAZURIER AND R. MACCHIARELLI, Neanderthal Museum, Talstrasse 300, 40822 Mettmann, GERMANY.

**Assessing the duration of physiological stress episodes represented by linear enamel hypoplasias: implications for health.** A. HUBBARD AND D. GUATELLI-STEINBERG, Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Reconstructing infant and childhood population health from internal defects of enamel growth.** C. FITZGERALD, S. SAUNDERS, A. NAVA, L. BONDIOLI, R. MACCHIARELLI, AND A. COPPA, Department of Anthropology, McMaster University, Hamilton, Ontario L8S4L8, CANADA.

**Cementum annulations as physiological events: Its potentials and its limits.** U. WITTEWERT-BACKOFEN, Institut für Humangenetik und Anthropologie, Freiburg University, Briesacherstrasse 33, D-79106 Freiburg, GERMANY .

**Finite element modelling of anterior dental loading in modern human and Neanderthal mandibles.** F. GRÖNING AND P. O'HIGGINS, Department of Archaeology, University of York, Heslington, York YO1 7EP, UNITED KINGDOM.

***Ouranopithecus turkae* from the late Miocene of Anatolia: It's Metric and Statistical Implications in Dental Size Variations and Sexual Dimorphism.** E. GÜLEÇ, A. SEVİM, C. PEHELVAN, İ. ÖZER AND F. KAYA, Department of Anthropology, University of Ankara, 06100 Tandogan, Ankara, TURKEY.

**Dental development and enamel thickness in the Neanderthal molar from Lakonis, Greece.** T.M. SMITH, K. HARVATI, A.J. OLEJNICZAK, D.J. REID, J.-J. HUBLIN, AND E. PANAGOPOULOU, Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Deutscher Platz 6, 04103 Leipzig, GERMANY.

**Dental decoration and residential mobility in 8th century Pamplona, northern Spain.** E.A. PREVEDOROU, M. DIAZ-ZORITA BONILLA, J.E. BUIKSTRA, M.P. DE MIGUEL IBÁÑEZ AND K.J. KNUDSON, Department of Anthropology, School of Human Evolution and Social Change, Arizona State University, Tempe, AZ 85287-2402.

**Dental health and political instability in early medieval France.** E.A. TYLER, Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Dental variation and biological distance of Late Mississippian populations from eastern Tennessee.** T.C. WESTON AND M.C. GRIFFIN, Department of Anthropology, The Ohio State University, Columbus, Ohio 43210.

**Dental defects in the deciduous dentition of two late Mississippian period subadults with arguable treponemal disease: cases of possible congenital transmission.** D.L. HUTCHINSON, E.A. DIGANGI, M.O. SMITH, AND T.K. BETSINGER, Department of Anthropology CB #3115, 301 Alumni Building, University of North Carolina, Chapel Hill, NC 27599-3115.

**Investigating the importance of fallback foods in early hominins using dental microwear.** P.S. UNGAR AND R.S. SCOTT, Department of Anthropology, University of Arkansas, Fayetteville, Arkansas 72701.

**Comparisons of dental microwear texture attributes between facets in three primate taxa.** K.L. KRUEGER, J.R. SCOTT, P.S. UNGAR AND R.F. KAY, Department of Anthropology, University of Arkansas, Fayetteville, Arkansas 72701.