Bibliography

Alcala, L. and Escorza, C. (1998). Modelling Diagenetic Bone Fractures. *Bulletin de la Société Géologique de France* 169: 101 - 108.

Alderson, L. (1984). *Rare Breeds*. Aylesbury, Shire Publications Ltd.

Altman, D. and Bland, J. (1983). Measurement in Medicine: The Analysis of Method Comparison Studies. *The Statistician* 32: 307 - 317.

Andrews, P. (1990). *Owls, Caves and Fossils*. Chicago, University of Chicago Press.

Andrews, P. and Cook, J. (1985). Natural Modifications to Bones in a Temperate Setting. *Man (N.S.)* 20: 675 - 691.

Andrews, P. and Evans, E. (1983). Small Mammalian Bone Accumulations Produced by Mammalian Carnivores. *Paleobiology* 9: 289 - 307.

Ascenzi, A. and Bonnucci, E. (1967). The Tensile Properties of Single Osteons. *Anatomical Record* 158: 375 - 386.

Baker, J. (1978). Differential Diagnosis of Bone Disease. *Research Problems in Zooarchaeology - Institute of Archaeology Occasional Publication No 3*. Brothwell, D., Thomas, K. and Clutton-Brock, J. (eds) London, Institute of Archaeology.

Baker, J. and Brothwell, D. (1980). *Animal Diseases in Archaeology*. London, Academic Press.

Balzer, A., Gleixner, G., Grupe, G., Schmidt, H.-L., Schramm, S. and Turban-Just, S. (1997). In Vitro Decomposition of Bone Collagen by Soil Bacteria: The Implications for Stable Isotope Analysis in Archaeometry. *Archaeometry* 39: 415 - 429.

Barnett, E. and Nordin, B. (1960). The Radiological Diagnosis of Osteoporosis: A New Approach. *Clinical Radiology* 11: 166 - 174.

Bartosiewicz, L., Van Neer, W. and Lentacker, A. (1993). Metapodial Asymmetry in Draft Cattle. *International Journal of Osteoarchaeology* 3: 69 - 75.

Behrensmeyer, A. (1975). The Taphonomy and Palaeoecology of Pliopleistocene Vertebrate Assemblages East of Lake Rodolf, Kenya. *Bulletin of the Museum of Comparative Zoology* 146: 473 - 578.

Behrensmeyer, A. (1978). Taphonomic and Ecological Information from Bone Weathering. *Paleobiology* 4: 150 -162.

Behrensmeyer, A. (1982). Time Resolution in Fluvial Vertebrate Assemblages. *Paleobiology* 8: 211 - 228.

Behrensmeyer, A., Gordon, K. and Yaagi, G. (1986). Trampling as a Cause of Bone Surface Damage and Pseudo-Cutmarks. *Nature* 319: 768 - 771.

Bell, L. (1990). Palaeopathology and Diagenesis: An S.E.M. Evaluation of Structural Changes Using Back Scattered Electron Imaging. *Journal of Archaeological Science* 17: 85 - 102.

Benzie, D., Boyne, A., Dalgarno, A., Duckworth, J., Hill, R. and Walker, D. (1955). Studies in the Skeleton of the Sheep. 1. The Effects of Different Levels of Dietary Calcium During Pregnancy and Lactation on Individual Bones. *Journal of Agricultural Science* 46: 425 - 440.

Benzie, D. and Gill, J. (1974). Radiography of the Skeletal and Dental Condition of the Soay Sheep. *Island Survivors: The Ecology of the Soay Sheep of St Kilda*. Jewel, P., Milner, C. and Morton Boyd, J. (eds) London, Athlone Press: 326 - 337.

Berme, N., Paul, J. and Purves, W. (1977). A Biomechanical Analysis of the Metacarpo-phalangeal Joint. *Journal of Biomechanics* 10: 409 - 412.

Binford, L. (1972). An Analysis of Cremations from Three Michigan Sites. *An Archaeological Perspective*. Binford, L. (ed) New York, Seminar Press.

Binford, L. (1978). *Nunamuit Ethnoarchaeology*. New York, Academic Press.

Binford, L. (1981). *Bone: Ancient Men and Modern Myths*. New York, Academic Press.

Binford, L. and Bertram, J. (1977). Bone Frequencies – and Attritional Processes. *For Theory Building in Archaeology*. Binford, L. (ed) New York, Academic Press.

Bland, J. and Altman, D. (1986). Statistical Methods for Assessing Agreement Between Two Methods of Clinical Measurements. *Lancet* 327: 307 - 310.

Boaz, N. and Behrensmeyer, A. (1976). Hominid Taphonomy: Transport of Human Skeletal Parts in an Artificial Fluvial Environment. *American Journal of Physical Anthropology* 45: 53 - 60.

Bonnichsen, R. (1973). Some Operational Aspects of Human and Animal Bone Alteration. *Mammalian Osteo-archaeology: North America*. Gilbert, B. (ed) Missouri, University of Missouri.

Bonnichsen, R. (1979). *Pleistocene Bone Technology in the Beringian Refugium*. Ottowa, National Museum of Man.

Bourrin, S., Genty, C., Palle, S., Charib, C. and Alexandre, C. (1994). Adverse Effects of Strenuous Exercise: A Densitometric and Histomorphometric Study in the Rat. *Journal of Applied Physiology* 76: 1999 - 2005.

Bradtmiller, B. and Buikstra, J. (1984). Effects of Burning on Human Bone Microstructure: A Preliminary Study. *Journal of Forensic Sciences* 29: 535 - 540.

Brain, C. (1967). Bone Weathering and the Problem of Bone Pseudo-Tools. *South African Journal of Science* 63: 97 - 99.

Brain, C. (1969). The Contribution of Namib Desert Hottentots to an Understanding of Australopithecine Bone Accumulations. *Scientific Papers of the Namib Desert Research Station* 39: 13 - 22.

Brain, C. (1976). Some Principles in the Interpretation of Bone Accumulations Associated with Man. *Human Origins*. Isaac, G. and McCown, E. (eds) California, Staples Press.

Brain, C. (1980). Some Criteria for the Recognition of Bone-Collecting Agencies in African Caves. *Fossils in the Making*. Behrensmeyer, A. and Hill, A. (eds) Chicago, University of Chicago: 108 - 131.

Brain, C. (1981). *The Hunters or the Hunted? An Introduction into African Cave Taphonomy*. Chicago, University of Chicago Press.

Brain, C. (1989). The Evidence for Bone Modification by Early Hominids in Southern Africa. *Bone Modification*. Bonnischen, R. and Sorg, M. (eds) Orono, University of Maine Centre for the Study of the First Americans.

Brickley, M. (1997). Age Related Bone Loss and Osteoporosis in Archaeological Bone: A study of Two London Collections, Redcross Way and Farringdon Street. PhD Thesis, University of London, London.

Bromage, T. (1984). Interpretation of Scanning Electron Microscopic Images of Abraded Forming Bone Surfaces. *American Journal of Physical Anthropology* 64: 161 - 178.

Brothwell, D. (1976). Further Evidence of Bone Chewing by Ungulates: The Sheep of North Ronaldsay, Orkney. *Journal of Archaeological Science* 3: 179 - 182.

Burns, C. and Henderson, N. (1936). The Influence of Age on the Mineral Constituents of Bones from Kittens and Pups. *Biochemical Journal* 30: 1207 - 1214.

Burr, D. (1980). The Relationships Among Physical, Geometrical and Mechanical Properties of Bone with a Note on the Properties of Non-Human Primate Bone. *Yearbook of Physical Anthropology* 23: 109 - 146.

Butler, V. and Chatters, J. (1994). The Role of Bone Density in Structuring Prehistoric Salmon Bone Assemblages. *Journal of Archaeological Science* 21: 413 - 424.
Carter, D. and Hayes, W. (1976). Bone Compressive Strength: The Influence of Density and Strain Rate. *Science* 194: 1174 - 1175.

Carter, D. and Hayes, W. (1977). The Compressive Behaviour of Bone as a 2-Phase Structure. *Journal of Bone and Joint Surgery* 59A: 954 - 962.

Chambers, A. (1992). Seal Bone Mineral Density: Its Effect on Specimen Survival in Archaeological Sites. Honours Thesis, University of Missouri, Columbia.

Chaplin, R. (1971). *The Study of Animal Bones from Archaeological Sites*. New York, Seminar Press.

Cheng, X., Lowet, G., Boonen, S., Nicholson, P., Van der Perre, G. and De Queker, J. (1998). Prediction Of Vertebral And Femoral Strength In Vitro By Bone Mineral Density Measured At Different Skeletal Sites. *Bone* 13: 1439 - 1443.

Child, A. (1995). Understanding the Microbial Decomposition of Archaeological Bone in the Burial Environment. *Journal of Archaeological Science* 22: 165 - 174.

Child, A. and Pollard, A. (1991). Microbial Attack on Collagen. *Archaeometry '90*. Pernicka, E. and Wagner, G. (eds) Basel, Birkhauser Verlag: 617 - 625.

Cohn, S., Abesamis, C., Yasumura, S., Aloia, J., Zanzi, I. and Ellis, K. (1977). Comparative Skeletal Mass and Radial Bone Mineral Content in Black and White Women. *Metabolism* 26: 171 - 178.

Collins, M., Riley, M., Child, A. and Turner-Walker, G. (1995). A Basic Mathematical Simulation of the Chemical Degradation of Ancient Collagen. *Journal of Archaeological Science* 22: 175 - 183.

Conolly, J. (1994). *Report on the Knapped Stone Artefacts*. http://catal.arch.cam.ac.uk/catal/Archive_rep94.conolly94.html. 2001: 10th November.

Conolly, J. (1998). *Çatalhöyük Lithic Report.* http://catal.arch.cam.ac.uk/catal/Archive_rep98.conolly98.html. 2001: 10th November.

Cook, J. (1986). The Application of Scanning Electron Microscopy to Taphonomic and Archaeological Problems. *Studies in the Upper Palaeolithic of Britain and North West Europe*. Roe, D. (ed) Oxford, B.A.R. 296.

Corke, E., Davis, S. and Payne, S. (1997). A List of Vertebrate Skeletons in the Reference Collection of the Ancient Monuments Laboratory, English Heritage, Ancient Monuments Laboratory.

Corondan, G. and Haworth, W. (1986). A Fractographic Study of Human Long Bone. *Journal of Biomechanics* 19: 207 - 218.

Cosman, F., Herrington, B., Himmelstein, S. and Lindsay, R. (1994). Radiographic Absorptiometry: A Simple Method for the Determination of Bone Mass. *Osteoporosis International* 2: 34 - 38.

Coy, J. (1975). Iron Age Cookery. *Archaeozoological Studies*. Clason, A. (ed) Amsterdam, University of Groningen.

Cruz-Uribe, K. (1991). Distinguishing Hyena from Hominid Bone Accumulations. *Journal of Field Archaeology* 18: 467 - 486.

Currey, J. (1969). The Mechanical Consequences of Variation in the Mineral Content of Bone. *Journal of Biomechanics* 2: 1 - 11.

Currey, J. (1975). The Effects of Strain Rate, Reconstruction and Mineral Content on Some Mechanical Properties of Bovine Bone. *Journal of Biomechanics* 8: 81 - 86.

Currey, J. (1979a). Mechanical Properties of Bone Tissues with Greatly Differing Functions. *Journal of Biomechanics* 12: 313 - 319.

Currey, J. (1979b). Changes in the Impact Energy Absorption of Bone with Age. *Journal of Biomechanics* 12: 459 - 469.

Currey, J. (1981). What is Bone For? Property-Function Relationships in Bone. *Mechanical Properties of Bone*. Cowin (ed) New York, The American Society of Mechanical Engineers.

Currey, J. (1984). *The Mechanical Adaptations of Bones*. New Jersey, Princetown University Press.

Currey, J. (1990a). Biomechanics of Mineralized Skeletons. *Skeletal Biomineralization: Patterns, Processes and Evolutionary Trends*. Carter, J. (ed) New York, Van Nostrand Reinhold. 1: 11 - 26.

Currey, J. (1990b). Physical Characteristics Affecting the Tensile Failure Properties of Compact Bone. *Journal of Biomechanics* 23: 837 - 844.

Currey, J. and Butler, G. (1975). The Mechanical Properties of Bone Tissue in Children. *Journal of Bone and Joint Surgery.* 57A: 810 - 814.

Currey, J. and Hughes, S. (1973). The Effects of Pregnancy and Lactation on some Mechanical Properties of the Femora of the Rat. *Calcified Tissue Research* 11: 112 - 123.

Dart, R. (1957). The Makapansgat Australopithecine Osteodontokeratic Culture. *Third Pan-African Congress on Prehistory: Livingstone 1955*. Clarke, J. and Cole, S. (eds) London, Chatto and Windus: 161 - 172.

Dart, R. (1962). A Gradual Appraisal of Australopithecus. *Evolution und Hominisation*. Heberer, G. (ed) Stuttgart, Gustav Fischer Verlag.

David, B. (1990). How was this Bone Burnt? *Problem Solving in Taphonomy*. Solomon, S., Davidson, I. and Watson, D. (eds) Queensland, University of Queensland. Pp65 - 79.

Davis, S. (1983). The Age Profiles of Gazelles Predated by Ancient Man in Israel: A Possible Shift from Seasonality to Sedentism in the Natufian. *Paleorient* 9: 55 - 62.

Davis, S. (1987). *The Archaeology of Animals*. London, Batsford.

Davis, S. (2000). The Effect of Castration and Age on the Development of the Shetland Sheep Skeleton and a Metric Comparison Between Bones of Males, Females and Castrates. *Journal of Archaeological Science* 27: 373 - 390.

Davis, S. and Payne, S. (1992). 101 Ways to Deal with a Dead Hedgehog: Notes on the Preparation of Disarticulated Skeletons for Zooarchaeological Use. *Circaea* 8: 95 - 104.

Dickerson, J. (1962a). The Effect of Development on the Composition of a Long Bone of the Pig, Rat and Fowl. *Biochemical Journal* 82: 47 - 55.

Dickerson, J. (1962b). Changes in the Composition of the Human Femur During Growth. *Biochemical Journal* 82: 56 - 61.

Dirrigl, F. (2001). Bone Mineral Density of Wild Turkey (Meleagris gallopavo) Skeletal Elements and its Effect on Differential Survivorship. *Journal of Archaeological Science* 28: 817 - 832.

Ducos, P. (1988). *Archéozoologie Quantitative – Les Valeurs Numériques à ÇatalHüyük*. Paris, Editions du Centre National de la Recherche Scientifique.

Efremov, J. (1940). Taphonomy: A New Branch of Paleontology. *Pan-American Geologist* 74: 81 - 93.

Ekenman, I., Eriksson, S. and Lindgren, J. (1995). Bone Density in Medieval Skeletons. *Calcified Tissue International* 56: 355 - 358.

Elkin, D. (1995). Volume Density of South American Camelid Skeletal Parts. *International Journal of Osteoarchaeology* 5: 29 - 37.

Evans, F. and Vincentelli, R. (1974). Relations of the Compressive Properties of Human Cortical Bone to Histological Structure and Calcification. *Journal of Biomechanics* 7: 1 - 10.

Evans, G. and Bang, S. (1967). Differences and Relationships Between the Physical Properties and the Microscopic Structure of Human Femoral, Tibial and Cortical Bone. *Americal Journal of Anatomy* 120: 79 - 88.

Farquharson, M., Speller, R. and Brickley, M. (1997). Measuring Bone Mineral Density in Archaeological Bone Using Energy Dispersive Low Angle X-ray Scattering Techniques. *Journal of Archaeological Science* 24: 765 - 772.

Fiorillo, A. (1989). An Experimental Study of Trampling: Implications for the Fossil Record. *Bone Modification*. Bonnichsen, R. and Sorg, H. (eds) Orono, University of Maine Centre for the Study of the First Americans: 61 - 71.

Galante, J., Rostoker, W. and Ray, R. (1970). Physical Properties of Trabecular Bone. *Calcified Tissue Research* 5: 236 - 246.

Garland, A. (1987). A Histological Study of Archaelogical Bone Decomposition. *Death, Decay and Reconstruction: Approaches to Archaeological and Forensic Science.* Garland, A. and Janaway, R. (eds) Manchester, Manchester University Press: 109 - 126.

Garlick, J. (1971). Buried Bone: The Experimental Approach in the Study of Nitrogen Content and Blood Group Activity. *Science in Archaeology: A Survey of Progress and Research*. Brothwell, D., Higgs, E. and Clark, G. (eds) London, Thames and Hudson.

Genant, H., Engelke, K., Fuerst, T., Gluer, C., Grampp, S., Harris, S., Jergas, M., Land, T., Lu, Y., Majumdar, S., Mathur, A. and Takada, M. (1996). Non-Invasive Assessment of Bone Mineral and Structure: State of the Art. *Journal of Bone and Mineral Research* 11: 707 - 730.

Gifford, D. (1977). Observations of Modern Human Settlements as an Aid to Archaeological Interpretation. PhD Thesis, University of California, Berkley.

Gifford, D. (1981). Taphonomy and Paleoecology: A Critical Review of Archaeology's Sister Disciplines. *Advances in Archaeological Method and Theory* 4. Schiffer, M. (ed) New York, Academic Press 365 - 438.

Gifford-Gonzalez, D. (1989). Ethnographic Analogues for Interpreting Modified Bones: Some Cases from East Africa. *Bone Modification*. Bonnichsen, R. and Sorg, M. (eds) Orono, University of Maine Centre for the Study of the First Americans.

Gifford-Gonzalez, D. (1991). Bones are Not Enough: Analogues, Knowledge, and Interpretative Strategies in Zooarchaeology. *Journal of Anthropological Archaeology* 10: 215 - 154.

Gifford-Gonzalez, D., Damrosch, D. B., Damrosch, D. R., Pryor, J. and Thunen, R. (1985). The Third Dimension in Site Structure; An Experiment in Trampling and Vertical Dispersal. *American Antiquity* 50: 803 - 818.

Gilchrist, R. and Mytum, H. (1986). Experimental Archaeology and Burnt Animal Bone from Archaeological Sites. *Circaea* 4: 28 - 38.

Gobalet, K. (2001). A Critique of Faunal Analysis: Inconsistency Among Experts in Blind Tests. *Journal of Archaeological Science* 28: 377 - 486.

Gooren, L. (1998). Endocrine Aspects of Aging in the Male. *Molecular and Cellular Endocrinology* 145: 153 - 159.

Gordon, B. (1975). Antler Pseudo-Tools Made by Caribou. *Primative Art and Technology*. Rakmond, J., Loveseth, B., Arnold, C. and Reardon, G. (eds) Calgary, University of Calgary Archaeological Association: 121 - 128.

Gordon, C. and Buikstra, J. (1981). Soil pH, Bone Preservation and Sampling Bias at Mortuary Sites. *American Antiquity* 46: 566 - 571.

Grant, A. (1975). Animal Bones. *Excavations at Porchester Castle*. Cunliffe, B. (ed) London, Society of Antiquaries. 1: Roman: 378 - 408.

Grayson, D. (1989). Bone Transport, Bone Destruction and Reverse Utility Curves. *Journal of Archaeological Science* 16: 643 - 652.

Greenfield, H. (1988). Bone Consumption by Pigs in a Contemporary Village: Implications for the Interpretation of Prehistoric Faunal Assemblages. *Journal of Field Archaeology* 15: 473 - 479.

Grupe, G., Dreses-Werringloer, U. and Parsche, F. (1993). Initial Stages of Bone Decomposition: Causes and Consequences. *Prehistoric Human Bone - Archaeology at the Molecular Level*. Lambert, J. and Grupe, G. (eds) Berlin, Springer - Verlag.

Guy, H., Masset, C. and Baud, C. (1997). Infant Taphonomy. *International Journal of Osteoarchaeology* 7: 221 - 229.

Hackett, C. (1981). Microscopical Focal Destruction (Tunnels) in Exhumed Human Bones. *Medecine, Science and the Law* 21: 243 - 265.

Hall, S. and Clutton-Brock, J. (1989). *Two Hundred Years of British Farm Livestock.* London, British Museum (Natural History).

Halstead, P. (1992). Dimini and the "DMP": Faunal Remains and Animal Exploitation in Late Neolithic Thessally. *Annual of the British School at Athens* 87: 29 - 59.

Hanson, D. and Buikstra, J. (1987). Histomorphological Alteration in Buried Human Bone from the Lower Illinois Valley: Implications for Palaeodietary Research. *Journal of Archaeological Science* 14: 549 - 563.

Hare, P. (1980). Organic Geochemistry of Bone and its Relation to the Survival of Bone in the Natural Environment. *Fossils in the Making*. Behrensmeyer, A. and Hill, A. (eds) Chicago, University of Chicago Press: 208 - 219.

Harris, M. (1965). The Myth of the Sacred Cow. *Man, Culture and Animals*. Leeds, A. and Vayda, A. (eds) Washington DC, American Association for the Advancement of Science: 217 - 228.

Haynes, G. (1983). Frequencies of Spiral and Green-Bone Fractures on Ungulate Limb Bones in Modern Surface Assemblages. *American Antiquity* 48: 102 - 114.

Haynes, G. (1991). *Mammoths, Mastodons and Elephants: Biology, Behaviour and the Fossil Record.* Cambridge, Cambridge University Press.

Hedges, R. and Millard, A. (1995). Bones and Groundwater: Towards the Modelling of Diagenetic Processes. *Journal of Archaeological Science* 22: 155 - 164.

Hedges, R., Millard, A. and Pike, A. (1995). Measurements and the Relationships of Diagenetic Alteration of Bone from Three Archaeological Sites. *Journal of Archaeological Science* 22: 201 - 209.

Henderson, J. (1987). Factors Determining the State of Preservation of Human Remains. *Death, Decay and Destruction*. Boddington, A., Garland, A. and Janaway, R. (eds) Manchester, Manchester University Press.

Herodotus *The Histories*. Translated by Aubrey de Selincourt, with an Introduction by A. Burn (1972). Harmondsworth, Penguin Books (Penguin Classics).

Hill, A. (1975). Taphonomy of Contemporary and Late Cenzoic East African Vertebrates. PhD Thesis, University of London, London.

Hindelang, M. and McLean, A. (1997). Bone Density Determination of Moose Skeletal Remains from Isle Royal National Park Using Digital Image Enhancement and Quantitative Computed Tomography (QCT). *International Journal of Osteoarchaeology* 7: 193 - 201.

Hockett, B. (1989). The Concept of "Carrying Range": A Method for Determining the Role Played by Woodrats in Contributing Bones to Archaeological Sites. *Nevada Archaeologist* 7: 28 - 35.

Hodder, I. (1982). *The Present Past: An Introduction to Anthropology for Archaeologists*. London, B.T. Batsford Ltd.

Hodder, I. and Matthews, R. (1998). Çatalhöyük: The 1990s Seasons. *Ancient Anatolia: Fifty Years' Work by the British Institute of Archaeology at Ankara.* Matthews, R. (ed) Ankara, British Institute of Archaeology at Ankara: 43 - 51.

Holden, J., Phakey, P., Clement, J. (1995a). Scanning Electron Microscope Observations of Incinerated Human Femoral Bone: A Case Study. *Forensic Science International* 74: 17 - 28.

Holden, J., Phakey, P., Clement, J. (1995b). Scanning Electron Microscope Observations of Heat-Treated Human Bone. *Forensic Science International* 74: 29 - 45.

Hope, W., Ibarra, M. and Thomas, M. (1992). Testosterone Alters Duodenal Calcium Transport and Longitudinal Bone Growth Rate in Parallel in the Male Rat. *Proceedings for the Society for Experimental Medicine and Biology* 200: 536 - 541.

Horwitz, L. and Smith, P. (1990). A Radiographic Study of the Extent of Variation in Cortical Bone Thickness in Soay Sheep. *Journal of Archaeological Science* 17: 655 - 664.
Horwitz, L. and Smith, P. (1991). A Study of Diachronic Changes of Sheep and Goats in Jericho (Tel-es Sultan). *Archeozoologica* 4: 29 - 38.

Ioannidou, E. (2000). Taphonomic and Methodological Problems of Interpreting Animal Bones from Archaeological Assemblages from Greece and England. PhD Thesis, University of Leicester, Leicester.

Jewel, P. (1963). *The Experimental Earthwork at Overton Down, Wiltshire*. London, British Association for the Advancement of Science.

Johnson, B. and Miller, G. (1997). Archaeological Applications of Amino Acid Racemization. *Archaeometry* 29: 265 - 287.

Johnson, D. and Haynes, C. (1985). Camels as Taphonomic Agents. *Quaternary Research* 24: 365 - 366.

Johnson, E. (1985). Current Developments in Bone Technology. *Advances in Archaeological Method and Theory*. Schiffer, M. (ed) New York, Academic Press. 8: 157 - 235.

Johnston, C. and Slemanda, C. (1993). Determinants of Peak Bone Mass. *Osteoporosis International* 3 (Suppl 1): S54 - S55.

Kannus, P., Haapasalo, H., Sankelo, M., Sievanen, H., Pasanen, M., Heinonen, A., Oja, P. and Vuori, I. (1995). Effect of Starting Age of Physical Activity on Bone Mass in the Dominant Arm of Tennis and Squash Players. *Annals of Internal Medicine* 123: 27 - 31.

Kapitola, J., Kubickova, J. and Andrle, J. (1995). Blood Flow and Mineral Content of the Tibia of Female and Male Rats: Changes Following Castration and/or Administration of Estradiol or Testosterone. *Bone* 16: 69 - 72.

Kent, S. (1981). The Dog: An Archaeologist's Best Friend or Worst Enemy – The Spatial Distribution of Faunal Remains. *Journal of Field Archaeology* 8: 367 - 372.

Klein, R. (1989). Why Does Skeletal Part Representation Differ Between Smaller and Larger Bovids at Klasies River Mouth and Other Archaeological Sites? *Journal of Archaeological Science* 16: 363 - 381.

Klein, R. and Cruz-Uribe, K. (1984). *The Analysis of Animal Bones from Archaeological Sites*. Chicago, University of Chicago Press.

Kneissel, M., Boyde, A., Hahn, M., Tescheler, N., Icola, M., Kalchauser, G. and Plenk, H. J. (1994). Age and Sex-Dependent Cancellous Bone Changes in a 4000 Years BP Population. *Bone* 15: 539 - 545.

Knight, J. (1985). Differential Preservation of Calcined Bone at the Hirundo Site, Alton, Maine. M.S. Thesis, University of Maine, Orono.

Kreutzer, A. (1992). Bison and Deer Bone Mineral Densities: Comparisons and Implications for the Interpretation of Archaeological Faunas. *Journal of Archaeological Science* 19: 271 - 294.

Lam, Y., Chen, X., Marean, C. and Frey, C. (1998). Bone Density and Long Bone Representation in Archaeological Faunas: Comparing Results from CT and Photon Densitometry. *Journal of Archaeological Science* 25: 559 - 570.

Lam, Y., Chen, X. and Pearson, O. (1999). Intertaxonomic Variability in Patterns of Bone Density and the Differential Representation of Bovid, Cervid and Equid Elements in the Archaeological Record. *American Antiquity* 64: 343 - 362.

Last, J. (1994). *Pottery Report. Part I: Report on Neolithic Pottery from Çatalhöyük Excavations, 1961 - 1965.* http://catal.arch.cam.ac.uk/catal/Archive_rep94.last94A.html. 2001: 10th November.

Lees, B., Molleson, T., Arnett, T. and Stevenson, J. (1993). Differences in Proximal Femur Bone Density over Two Centuries. *Lancet* 341: 673 - 675.

Lewall, E. and Cowan, I. (1963). Age Determination in Black-Tailed Deer by the Degree of Ossification of the Epiphyseal Plate in the Long Bones. *Canadian Journal of Zoology* 41: 629 - 636.

Locock, M., Currie, C. and Gray, S. (1992). Chemical Changes in Buried Animal Bone - Data from a Postmedieval Assemblage. *International Journal of Osteoarchaeology* 2: 297 - 304.

Lyman, R. (1982). Taphonomy of Vertebrate Archaeofaunas: Bone Density and Differential Survivorship of Fossil Classes. PhD Thesis, University of Washington, Seattle.

Lyman, R. (1984). Bone Density and Differential Survivorship of Fossil Classes. *Journal of Anthropological Archaeology* 3: 259 - 299.

Lyman, R. (1994). *Vertebrate Taphonomy*. Cambridge, Cambridge University Press.

Lyman, R. and Fox, G. (1989). A Critical Evaluation of Bone Weathering as an Indication of Bone Assemblage Formation. *Journal of Archaeological Science* 16: 293 - 317.
Lyman, R., Houghton, L. and Chambers, A. (1992). The Effects of Structural Density on Marmot Skeletal Part Representation in Archaeological Sites. *Journal of Archaeological Science* 19: 557 - 573.

Lyman, R. and O'Brien, M. (1987). Plow-Zone Zooarchaeology: Fragmentation and Identifiability. *Journal of Field Archaeology* 14: 493 - 498.

Marean, C. (1991). Measuring the Post-Depositional Destruction of Bone in Archaeological Assemblages. *Journal of Archaeological Science* 18: 677 - 694.

Marean, C., Spencer, L., Blumenschine, R. and Capaldo, S. (1992). Captive Hyaena Bone Choice and Destruction, The Schlepp Effect and Olduvai Archaeofaunas. *Journal of Archaeological Science* 19: 101 - 121.

Martin, L. (1995). *Animal Bone Report*. http://catal.arch.cam.ac.uk/catal/Archive_rep95.martin95.html. 2001: 10th November.

Martin, L. (2001). Hunting, Herding, Feasting: Animal Use at Neolithic Çatalhöyük, Turkey. *Archaeology International* 2000/2001: 39 - 42.

Martin, L. and Russell, N. (2000). Trashing Rubbish. *Torwards a Reflexive Method in Archaeology: The Example at Çatalhöyük*. Hodder, I. (ed) Cambridge, The McDonald Institute for Archaeological Research.

Martin, R. and Ishida, J. (1989). The Relative Effects of Collagen Fibre Orientation, Porosity, Density and Mineralisation on Bone Strength. *Journal of Biomechanics* 22: 419 - 426.

Matthews, W. (1993). *Analysis of Field Sections from 1960s Excavations*. http://catal.arch.cam.ac.uk/catal/Archive_rep93.wmatthews93.html. 2001: 10th November.

Matthews, W. (1999). *Micromorphology Archive Report*. http://catal.arch.cam.ac.uk/catal/Archive_rep99.matthews99.html. 2001: 10th November.

Mazess, R., Hanson, J., Sorenson, J. and Barden, H. (1988). Accuracy and Precision of Dual Photon Absorptiometry. *Bone Mineral Measurements by Photon Absorptiometry: Methodological Problems*. Dequeker, J., Geusens, P. and Wahner, H. (eds) Leuven, Leuven University.

McCalden, R., McGough, J., Barker, M. and Court-Brown, C. (1993). Age Related Changes in the Tensile Properties of Cortical Bone. *Journal of Bone and Joint Surgery* 75A: 1193 - 1205.

Medlock, R. (1975). Faunal Analysis. *The Cache River Archaeological Project: An Experiment in Contract Archaeology*. Schiffer, M. and House, J. (eds) Fayetteville, Arkansas Archaeological Survey Research Series. 8.

Mellaart, J. (1967). *Çatal Hüyük: A Neolithic Town.* London, Thames and Hudson.

Mellaart, J. (1998). Çatal Hüyük: The 1960s Seasons. *Ancient Anatolia: Fifty Years' Work by the British Institute at Ankara*. Matthews, R. (ed) Ankara, British Institute of Archaeology at Ankara: 35 - 41.

Millard, A. (1998). Bone in the Burial Environment. *Preserving Archaeological Remains In Situ*. Corfield, M., Hinton, P., Nixon, T. and Pollard, M. (eds) London, Museum of London Archaeological Service.

Miller, G. (1975). A Study of Cuts, Grooves and Other Marks on Recent and Fossil Bones: II Weathering Cracks, Fractures and Splinters and Other Similar Natural Phenomona. *Lithic Technology: Making and Using Stone Tools*. Swanson, E. (ed) The Hague, Mouton Publishers: 211 - 226.

Milton, K. (1997). Real Men Don't Eat Deer. *Discover* (June 1997) 46 - 53.

Moran, N. and O'Connor, T. (1994). Age Attribution in Domestic Sheep by Skeletal and Dental Maturation: A Pilot Study of Available Sources. *International Journal of Osteoarchaeology* 4: 267 - 285.

Morlan, R. (1983). Spiral Fractures on Limb Bones: Which Ones are Artificial? *Proceedings of the Fifteenth Annual Conference of the Association of the University of Calgary: Carnivores, Humans and Scavengers: A Question of Bone Technology*. LeMoine, G. and MacEachern, A. (eds) Calgary, University of Calgary.

Mueller, K., Trias, A. and Ray, R. (1966). Bone Density and Composition. *Journal of Bone and Joint Surgery* 48A: 140 - 156.

Munson, P. (2000). Age Correlated Differential Destruction of Bones and its Effects on Archaeological Mortality Profiles of Domestic Sheep and Goats. *Journal of Archaeological Science* 27: 391 - 407.

Myers, T., Voorhies, M. and Corner, R. (1980). Spiral Fractures and Bone Pseudotools at Paleontological Sites. *American Antiquity* 45: 483 - 490.

Nelson, D., Feingold, M., Bolin, F. and Parfitt, A. (1991). Principal Components Analysis of Regional Bone Density in Black and White Women: Relationship to Body Size and Composition. *American Journal of Physical Anthropology* 86: 507 - 514.

Nelson, R. (1992). A Microscopic Comparison of Fresh and Burned Bone. *Journal of Forensic Sciences* 73: 1055 - 1061.

Nicholson, R. (1993). A Morphological Investigation of Burned Animal Bone and an Evaluation of its Utility in Archaeology. *Journal of Archaeological Science* 20: 411 - 428.

Nicholson, R. (1996). Bone Degradation, Burial Medium and Representation: Debunking the Myths, An Experiment-Based Approach. *Journal of Archaeological Science* 23: 513 - 533.

Niu, T., Ni, J., Chen, C., Chen, D., Wang, B., Liu, X., Cummings, S., Rosen, C. and Xu, X. (2000). Genetic Contribution to Bone Mineral Density Variation at Major Skeletal Sites in Twins. *Osteoporosis International* 11 (Suppl 2): S102.

Oakley, K. (1971). Analytical Methods of Dating Bones. *Science in Archaeology: A Survey of Progress and Research*. Brothwell, D., Higgs, E. and Clarke, G. (eds) London, Thames and Hudson.

O'Connor, T. (2000). *The Archaeology of Animal Bones*. Gloucestershire, Sutton Publishing.

Olsen, S. and Shipman, P. (1988). Surface Modification of Bone: Trampling Versus Butchery. *Journal of Archaeological Science* 15: 535 - 553.

Ortner, D. and Putschar, W. (1981). *Identification of Pathological Conditions in Human Skeletal Remains*. Washington, Smithsonian Institution Press.

Ortner, D., Von Endt, D. and Robinson, S. (1972). The Effect of Temperature on Protein Decay in Bone: Its Significance in Nitrogen Dating of Archaeological Specimens. *American Antiquity* 37: 514 - 520.

Orton, C. (Unpublished). Can You Trust a Correlation Coefficient? *Journal of Roman Pottery Studies* 11.

Ott, S. (1991). Bone Density in Adolescents. *The New England Journal of Medicine* 325: 1646 - 1647.

Pavao, B. and Stahl, P. (1999). Density Assays of Leporid Skeletal Elements with Implications for Taphonomic, Actualistic and Archaeological Research. *Journal of Archaeological Science* 26: 53 - 66.

Payne, S. (1972). The Interpretation of Bone Samples from Archaeological Sites. *Papers in Economic Prehistory*. Higgs, E. (ed) Cambridge, Cambridge University Press: 49 - 64.

Payne, S. (1973). Kill Off Patterns in Sheep and Goats. The Mandibles from Asvan Kale. *Anatolian Studies* 23: 281 - 303.

Payne, S. and Munson, P. (1985). Ruby and How Many Squirrels? The Destruction of Bones by Dogs. *Palaeobiological Investigations: Research Design, Methods and Data Analysis*. Fieller, N., Gilbertson, D. and Ralph, N. (eds) Oxford, B.A.R. 266.

Pearce, J. and Luff, R. (1994). The Taphonomy of Cooked Bone. *Whither Environmental Archaeology*. Luff, R. (ed) Oxford, Oxbow Books.
Peel and Eastel (1995). Osteoporosis. *British Medical Journal* 310: 989 - 992.

Perkins, D. (1969). Fauna of Çatalhöyük: Evidence for Early Cattle Domestication in Anatolia. *Science* 164: 177 - 179.

Pockock, N., Eisman, J., Yeates, M., Sambrook, P. and Eberl, S. (1987). Genetic Determinant of Bone Mass in Adults. A Twin Study. *Journal of Clinical Investigation* 80: 706 - 710.

Reitz, E. and Wing, E. (1999). *Zooarchaeology*. Cambridge, Cambridge University Press.

Retallack, G. (1990). *Soils of the Past. An Introduction to Paleopedology*. Boston, Unwin Hyman.

Rogers, A. (2000). Analysis of Bone Counts by Maximum Likelihood. *Journal of Archaeological Science* 27: 111 - 125.

Rosen, H., Salmme, H., Zeind, A., Moses, A., Shapiro, A. and Greenspan, S. (1994). Chicken Soup Revisited: Calcium Content of Soup Increases with Duration of Cooking. *Calcified Tissue International* 54: 486 - 488.

Ruff, C. and Leo, F. (1986). Use of Computed Tomography in Skeletal Structure Research. *Yearbook of Physical Anthropology* 29: 181 - 196.

Russell, N. and Martin, L. (2000). Neolithic Çatalhöyük: Preliminary Zooarchaeological Results from the Renewed Excavations. *Archaeozoology of the Near East* IV. Mashkour, M., Choyke, A., Buitenhuis, H. and Poplin, F. (eds) Groningen: A.R.C. Publicatie 32. 164 - 170.

Schiegel, S., Goldberg, P., Bar-Yosef, O. and Weiner, S. (1996). Ash Deposits in Hayonim and Kebara Caves, Israel: Macroscopic and Mineralogical Observations and Their Archaeological Implications. *Journal of Archaeological Science* 23: 763 - 781.

Schiffer, M. (1995). *Behavioural Archaeology*. Saltlake City, University of Utah Press.

Schiffer, M. and Rathje, W. (1973). Efficient Exploration of the Archaeological Record: Penetrating Problems. *Research and Theory in Current Archaeology.* Redman, C. (ed) New York, Wiley Interscience: 169 - 179.

Schwartz, Z., Soskolne, W., Neubauer, T., Goldstein, M., Adi, S. and Oroya, A. (1991). Direct and Sex-Specific Enhancement of Bone Formation and Calcification by Sex Steroids in Fetal Mice Long Bone In Vitro (Biochemical and Morphometric Study). *Endrocrinology* 129: 1167 - 1174.

Scott, G. (1963). Uniformitarianism: The Uniformity of Nature and Paleoecology. *New Zealand Journal of Geology and Geophysics* 6: 510 - 527.

Seeman, E., Hopper, J., Bach, L., Cooper, M., Parkinson, E., McKay, J. and Jermus, G. (1989). Reduced Bone Mass in Daughters of Women with Osteoporosis. *The New England Journal of Medicine* 320: 554 - 558.

Shipman, P. (1988). Actualistic Studies of Animal Resources and Hominid Activities. *Scanning Electron Microscopy in Archaeology*. Olsen, S. (ed) Oxford B.A.R. 452: 261 - 285.

Shipman, P., Foster, G. and Schoeninger, M. (1984). Burnt Bones and Teeth: An Experimental Study of Color Morphology, Crystal Structure and Shrinkage. *Journal of Archaeological Science* 11: 307 - 325.

Silberg, M. and Silberg, R. (1971). Steroid Hormones and Bone. *The Biochemistry and Physiology of Bone*. Bourne (ed) London, Academic Press. 3: 401 - 484.

Sillen, A. (1989). Diagenesis of the Inorganic Phase of Cortical Bone. *The Chemistry of Prehistoric Human Bone*. Price, D. (ed) Cambridge, Cambridge University Press: 211 - 229.

Silver, I. (1969). The Ageing of Domestic Animals. *Science in Archaeology*. Brothwell, D. and Higgs, E. (eds) London, Thames and Hudson.

Simoons, F. (1994). *Eat Not This Flesh: Food Avoidance from Prehistory to the Present*. Madison, University of Wisconsin Press.

Simpson, G. (1970). Uniformitarianism: An Enquiry into Principle, Theory and Method in Geohistory and Biohistory. *Essays in Evolution and Genetics in Honor of Theodosius Dobzhansky*. Hecht, M. and Steere, W. (eds) New York, Appleton: 43 - 96.

Smith, D., Nance, W., Kang, K., Christian, J. and Johnston, C. (1973). Genetic Factors Determining Bone Mass. *Journal of Clinical Investigation* 52: 2800 - 2808.

Soutens, A., Verhas, M., L'Ermite, M., Verschaeren, A., Dourov, N., Heilporn, A. and Tricot, A. (1984). Increase of Blood Flow, An Initial Step of Bone Demineralization in the Rat. *Bone* 36 (Supplement): s71.

Stahl, P. (1999). Structural Density of Domesticated South American Camelid Skeletal Elements and the Archaeological Investigation of Prehistoric Andean Ch'arki. *Journal of Archaeological Science* 26: 1347 - 1368.

Stallibrass, S. (1984). The Distinction Between the Effects of Small Carnivores and Humans on Post-Glacial Faunal Assemblages. *Animals in Archaeology, 4: Husbandry in Europe*. Grigson, C. and Clutton-Brock, J. (eds) Oxford, B.A.R. 227: 259 - 269.

Stallibrass, S. (1990). Canid Damage to Animal Bones: Two Current Lines of Research. *Experiment and Reconstruction in Environmental Archaeology*. Robinson, D. (ed) Oxford, Oxbow Books: 151 - 165.

Steele, D. and Bramblet, C. (1988). *The Anatomy and Biology of the Human Skeleton*. Texas, A & M Press.

Steenstrup, J. (1862). *Et Blik paa Natur- og Oldforskningens Forstudier til Besvarelsen af Spörgsmaalet om Menneskeslaegtens tidligste Optraeden i Europa*. Kjøbenhavn, Inbydelsesskrift til Kjøbenhavns Universitets Aarsfest til erindring om Kirkens Reformation.

Stiner, M., Kuhn, S., Weiner, S. and Bar-Yosef, O. (1995). Differential Burning, Recrystalization and Fragmentation of Archaeological Bone. *Journal of Archaeological Science* 22: 223 - 237.

Stiner, M., Kuhn, S., Surovell, T., Goldberg, P., Meignen, L., Weiner, S. and Bar-Yosef, O. (2001). Bone Preservation in Hayonim Cave (Israel): A Macroscopic and Mineralogical Study. *Journal of Archaeological Science* 28: 643 - 659.

Teegarten, D., Lyle, R., Proulx, W., Johnston, C. and Weaver, C. (1999). Previous Milk Consumption is Associated with Greater Bone Density in Young Women. *American Journal of Clinical Nutrition* 69: 1014 - 1017.

Thomas, K., Cook, S., Bennett, J., Whitecloud, T. and Rice, J. (1991). Femoral Neck and Lumbar Spine Bone Mineral Densities in a Normal Population 3-20 Years of Age. *Journal of Paediatric Orthopaedics* 11: 48 - 58.

Todd, L., Witter, R. and Frison, G. (1987). Excavation and Documentation of the Princetown and Smithsonian Horner Site Assemblages. *The Horner Site: The Site Type for the Cody Cultural Complex*. Frison, G. and Todd, L. (eds) Florida, Academic Press Ltd.: 39 - 93.

Trotter, M., Broman, G. and Peterson, R. (1960). Densities of White and Negro Skeletons. *Journal of Bone and Joint Surgery* 42A: 50 - 58.

Trotter, M. and Hixon, B. (1974). Sequential Changes in Weight, Density and Percentage Ash Weight of Human Skeletons from an Early Fetal Period through to Old Age. *Anatomical Record* 179: 1 - 18.

Turbanjust, S. and Schramm, S. (1998). Stable Carbon and Nitrogen Isotope Ratios of Individual Amino Acids Give New Insights into Bone Collagen Degradation. *Bulletin de la Société Géologique de France* 169: 109 - 114.

Turner, A., Mallinckrodt, C., Alvis, M. and Bryant, H. (1995). Dual-Energy X-ray Absorptiometry in Sheep: Experiences with In Vivo and Ex Vivo Studies. *Bone* 17 (Supplement): 381s - 387s.

Turner-Walker, G. and Parry, T. (1995). The Tensile Strength of Archaeological Bone. *Journal of Archaeological Science* 22: 185 - 191.

Underbjerg, H. (1998). *Obsidian Microdebitage at Çatalhöyük*. http://catal.arch.cam.ac.uk/catal/Archive_rep98.underbjerg98.html. 2001: 10th November.

Vehik, S. (1977). Bone Fragments and Bone Grease Manufacturing: A Review of Their Archaeological Use and Potential. *Plains Anthropology* 22: 169 - 182.

Von den Dreisch, A. (1976). *A Guide to the Measurement of Animal Bones from Archaeological Sites.* Cambridge, Massachusetts, Harvard University.

Von Endt, D. and Ortner, D. (1984). Experimental Effects of Bone Size and Temperature on Bone Diagenesis. *Journal of Archaeological Science* 11.

Vose, G. and Kubala, A. (1959). Bone Strength - Its Relationship to X-Ray-Determined Ash Content. *Human Biology* 31: 261 - 270.

Wang, X., Masilamani, N., Mabrey, J. and Agrawal, C. (1998). Changes in Fracture Toughness of Bone May Not Be Reflected in its Mineral Density, Porosity and Tensile Properties. *Bone* 23: 67 - 72.

Watson, J. (1972). Fragmentation Analysis of Animal Bone Samples from Archaeological Sites. *Archaeometry* 14: 221 - 228.

Watson, J. (1978). The Interpretation of Epiphyseal Fusion Data. *Research Problems in Zooarchaeology.* Brothwell, D., Thomas, K. and Clutton-Brock, J. (eds) London, University College London. 3: 97 - 101.

Weber, P. (1999). The Role of Vitamins in the Prevention of Osteoporosis - A Brief Status Report. *International Journal of Vitamin and Nutrition Research* 69: 194 - 197.

Weidmann, S. and Rogers, H. (1958). The Influence of Age Upon the Degree of Calcification and the Incorporation of ^{32}P in Bone. *Biochemical Journal* 69: 338 - 343.

Weiner, S., Goldberg, P. and Bar-Yosef, O. (1993). Bone Preservation in Kebara Cave, Israel, Using On-site Fourier Transform Infrared Spectrometry. *Journal of Archaeological Science* 20: 613 - 627.

White, E. and Hannus, L. (1983). Chemical Weathering of Bone in Archaeological Soils. *American Antiquity* 48.

Wilks, R. (1987). *Principles of Radiological Physics*. Edinburgh, Churchill Livingstone.

Willey, P., Galloway, A. and Snyder, L. (1997). Bone Mineral Density and Survival of Elements and Element Portions in the Bones of the Crow Creek Massacre Victims. *American Journal of Physical Anthropology* 104: 513 - 528.

Wilson, B. (2000). Towards Describing the Nature of the Chief Taphonomic Agent. *Taphonomy and Interpretation. Symposia of the Association for Environmental Archaeology No 14.* Huntley, J. and Stallibrass, S. (eds) Oxford, Oxbow Books: 103 - 107.

Wilson, W. and Field, A. (1983). Absorption and Secretion of Calcium and Phosphorous in the Alimentary Tract of Lambs Infected with Daily Doses of Trichostrongylus columbriforms or Ostertagia cirumcincta Larvae. *Journal of Comparative Pathology* 1983: 61 - 71.

Yang, S.-O., Hagiwara, S., Engelke, S., Dhillon, M., Guglielmi, G., Bendavid, E., Soejima, O., Nelson, D. and Genant, H. (1994). Radiographic Absorptiometry for Bone Mineral Measurement of the Phalanges: Precision and Accuracy S. *Radiology* 192: 857 - 859.

Yeh, J., Chen, M., Iwamito, J. and Aloja, J. (2000). Testosterone and Growth Hormone Administration Prevents Osteopenia and Restores Bone Growth in Hypophysectomized Young Rats. *Journal of Bone and Mineral Research* 15: 801.

Yellen, J. (1991a). Small Mammals: !Kung San Utilisation and the Production of Faunal Assemblages. *Journal of Anthropological Archaeology* 10: 1 - 26.

Yellen, J. (1991b). Small Mammals: Post-Discard Patterning of !Kung San Faunal Remains. *Journal of Anthropological Archaeology* 10: 152 - 192.

Yeni, Y., Brown, C. and Norman, T. (1998). Influence of Bone Composition and Apparent Density on Fracture Toughness of the Human Femur and Tibia. *Bone* 22: 79 - 84.

Yeni, Y., Brown, C., Wang, Z. and Norman, T. (1997). The Influence of Bone Morphology on Fracture Toughness of the Human Femur. *Bone* 21: 453 - 459.