Osteoarchaeology

A Guide to the Macroscopic Study of Human Skeletal Remains

Efthymia Nikita

The study of human skeletal remains is an integral part of archaeological research and provides insights to past demography, mobility, health and disease, activity patterns, and other aspects of life. *Osteoarchaeology: A Guide to the Macroscopic Study of Human Skeletal Remains* covers the identification of bones and teeth, taphonomy, sex and ancestry assessment, age estimation, the analysis of biodistances, growth patterns and activity markers, as well as paleopathology. The aim of this book is to familiarize the reader with the main applications of osteoarchaeology and provide the necessary knowledge required for the implementation of a broad range of osteological methods. Pedagogical features include ample illustrations, case study material, revision exercises, and an online glossary. Additional features comprise macros that facilitate data processing and analysis, as well as an extensive chapter on applied statistics.

Key Features

- Coverage of nearly every aspect of human osteological macroscopic analysis
- Detailed descriptions of the application of different methods
- Companion site resources, available on: http://textbooks.elsevier.com/web/Manuals.aspx?isbn=9780128040218
  - Macros designed by the author for (1) the calculation of the number of individuals in commingled assemblages, (2) processing cranial landmarks and nonmetric traits, (3) the calculation of biodistances and their statistical significance, (4) the estimation of stature and body mass, (5) the creation of artificial data sets for further practice or research, and (6) statistical analysis
  - A manual for the online macros
  - Glossary
  - Sample data
  - Review exercises

Forensic Science

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