

1. Record Nr.	UNINA9910583456003321
Autore	Harrison Donna
Titolo	Investigations in sex estimation : an analysis of methods used for assessment // Donna Harrison
Pubbl/distr/stampa	London, United Kingdom : , : Academic Press, an imprint of Elsevier, , [2019] ©2019
ISBN	0-12-816217-1 0-12-815778-X
Descrizione fisica	1 online resource (450 pages) : illustrations
Disciplina	574.166
Soggetti	Human remains (Archaeology) Diagnostic sex determination Sex (Biology) Forensic anthropology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Background in adult sexual dimorphism -- Background in juvenile sexual dimorphism -- Skeletal collections -- Methods -- Pilot studies -- Main study: Luis Lopes Skeletal Collection -- Main study: Terry Collection -- Main study: Hamann-Todd Osteological Collection.
Sommario/riassunto	"Investigations in Sex Estimation: A Comparison of Morphological and Metrical Methods is a collective comparison of the many morphological and metric methods currently used on adult and juvenile human remains. This single comprehensive resource for sex estimation in skeletal material includes discussion on the evolution of sexual dimorphism in modern humans, how sexual dimorphism manifests itself in those bones, the growth development in juveniles and how sexual dimorphism can be measured in their bones. Data is presented which contradicts previously held postulates and some different uses of sex estimation methods are suggested, such as using the grading system to assess evolutionary change in skeletons or grouping juveniles into smaller groups by age to better estimate sex. New insights are offered for future research from the presentation of case

studies on gender and a comparison of the sex differences between two African-American collections which suggests a correlation between occupation and evolutionary change. To achieve the objective, data on 294 adults from four diverse collections of known sex are obtained using a total of 67 morphological and metric methods. An additional 23 morphological and metric methods used on juveniles, aged 0 to 18, from two of the collections. The methods are specific to either the cranium, mandible, pelvis, humerus or femur. The compilation of assessment of sex provides definitive answers on which type of method, morphological or metric, is more accurate, which morphological and metric methods are the most accurate, and which bones are more reliable to estimate sex especially in the absence of a pelvis. Investigations in Sex Estimation is intended to be used in the field and the laboratory for the identification of sex in human remains and aims to provide a wealth of data for future research in sexual dimorphic studies."--Provided by publisher.

2. Record Nr.

Autore

Titolo

Pubbl/distr/stampa

UNINA9910137486503321

Tikhomirov Viatcheslav V.

Hydrogeochemistry fundamentals and advances . Volume 1

Groundwater composition and chemistry // Viatcheslav V. Tikhomirov

Hoboken, New Jersey : , : Scrivener Publishing, , 2016

©2016

ISBN

1-119-16044-8

1-119-16042-1

Descrizione fisica

1 online resource (308 p.)

Disciplina

551.490154

Soggetti

Water chemistry

Hydrogeology

Groundwater

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Note generali

Description based upon print version of record.

Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

Volume 1: Groundwater Composition and Chemistry

