

1. Record Nr.	UNINA9910841568403321
Autore	Klepinger Linda L
Titolo	Fundamentals of forensic anthropology [[electronic resource] /] / Linda L. Klepinger
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Liss, c2006
ISBN	1-280-51722-0 9786610517220 0-470-00772-9 0-470-00771-0
Descrizione fisica	1 online resource (201 p.)
Collana	Foundations of human biology
Disciplina	599.9 614.17 614/.17
Soggetti	Forensic anthropology Forensic osteology Anthropometry
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 (p. 152-173) and index.
Nota di contenuto	FUNDAMENTALS OF FORENSIC ANTHROPOLOGY; CONTENTS; PHOTO CREDITS; ACKNOWLEDGMENTS; SERIES INTRODUCTION; PART I BACKGROUND SETTING FOR FORENSIC ANTHROPOLOGY; 1 Introduction; Overview of the Field; Education and Training; Overview of the Book; 2 The Role of Forensic Anthropology in Historical Context; The Somewhat Difficult Birth of a Specialty; The Middle Years; Approaching Senescence?; PART II TOWARDS PERSONAL IDENTIFICATION; 3 Initial Assessments of Skeletal Remains; Human or Not?; Number of Individuals Represented; 4 Assignment of Sex; Criteria for Sex Attribution in the Adult Skeleton Pelvic TraitsThe Skull; Visual Assessment; Discriminant Function Analysis; The Appendicular Bones; Femur; Humerus; Other Appendicular Elements; Miscellaneous Axial Bones; Attribution of Sex from the Skeletons of Children; Figuring the Error Rate; 5 Age Estimation; The Early Years; Dental Age; Bone Age; Long Bone Length; Union of Primary Ossification Centers; Epiphyseal Fusion; The Adult

Years; Macroscopic Methods; Face of the Pubic Symphysis; Sternal Extremity of the Rib; The Auricular Surface; Cranial Suture Closure; Dental Methods; Microscopic Methods; Other Age Indicators
Concluding Remarks on Adult Age Estimation⁶ Deciphering Ancestral Background; The Biological and the Cultural; The Biological Context; The Cultural Component; Skeletal Indicators; The Skull; The Postcranium; ⁷ Stature Estimation; How Tall Are You, Really?; Estimation of Living Stature from Skeletal Remains; The Fully Method; Stature Estimation From Long Bone Length; Comparison of Methods; Reporting Stature Estimates; Correcting Stature Estimates for Older Adults; Secular Trend; Stature Estimates from Fragmentary Long Bones; Stature Estimation from Short Bone Length; Footwear and Foot Length
⁸ Skeletal Markers of Activity and Life History Childbirth Indicators; Handedness; Other Activity Markers; Partial Medical History; Medical Radiology; PART III PRINCIPAL ANTHROPOLOGICAL ROLES IN MEDICAL-LEGAL INVESTIGATION; ⁹ Trauma; Blunt Force Trauma; Cranial Fracture; Hyoid Fracture; Postcranial Fracture; Child Abuse; Penetrating and Perforating Trauma; Gunshot Wounds; Sharp Injuries; ¹⁰ The Postmortem Period; Estimation of the Postmortem Interval; Postmortem Events; Carnivore Scavenging; Cremation; Has the Body Been Burned?; Fracturing; Bone Shrinkage; Dismemberment
Ritual Use of Skeletal Material¹¹ Professionalism, Ethics, and the Expert Witness; The Expert Witness; Standards and Credentials for Expert Testimony; Some Practical Issues; Ethics; Science in the Courtroom: Two Unfortunate Examples; When Good Science is not Presented; When Good Science is Ignored; ¹² Genetics and DNA; Serology and Mendelian Genetics; Forensic DNA Analysis; Legal Considerations; References; Index

Sommario/riassunto

An essential foundation for the practice of forensic anthropology This text is the first of its level written in more than twenty years. It serves as a summary and guide to the core material that needs to be mastered and evaluated for the practice of forensic anthropology. The text is divided into three parts that collectively provide a solid base in theory and methodology: Part One, "Background Setting for Forensic Anthropology," introduces the field and discusses the role of forensic anthropology in historic context. Part Two, "Towards Personal Identification," discu
