1. Record Nr. UNINA9911018922003321 Autore Klepinger Linda L Titolo Fundamentals of forensic anthropology / / Linda L. Klepinger Pubbl/distr/stampa Hoboken, N.J., : Wiley-Liss, c2006 **ISBN** 9786610517220 9781280517228 1280517220 9780470007723 0470007729 9780470007716 0470007710 Descrizione fisica 1 online resource (201 p.) Collana Foundations of human biology Disciplina 614/.17 Soggetti Forensic anthropology Forensic osteology Anthropometry Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references (p. 152-173) and index. FUNDAMENTALS OF FORENSIC ANTHROPOLOGY: CONTENTS: PHOTO Nota di contenuto 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 Estimation 6 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 HistoryChildbirth 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