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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 Traits The 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 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
