

Contents

List of Figures	vii
List of Tables	x
Preface	xi
Acknowledgements	xiii
Chapter I Forensic Evidence and the Human Skeleton	1
Chapter II The Recovery of Human Remains and Associated Evidence	11
A. Rationale and General Principles	11
B. Recovery Procedures	13
1. Appraising Constraints on Recovery	13
2. Evaluating the Search and Recovery Areas	17
3. Establishing Spatial Controls	18
4. Excavating to Expose the Remains	26
5. Excavating to Remove the Remains	28
6. Cataloguing, Packing, and Transport	30
C. Timetable	31
Chapter III Identification and Individualization	33
A. Rationale	33
B. Biological Identity	36
1. Age	36
2. Sex	41
3. Race	47
4. Stature	49
C. Personal Identity	52
1. Individuality in Skeletal Remains	53
2. A New Approach to Human Remains Identification	55
3. Indicators of Identity in Associated Materials	58

Chapter IV	Manner and Cause of Death	61
Chapter V	Elapsed Time Since Death: Contextual Evidence For Interpretation of Postmortem Events	65
	A. General Considerations	65
	B. Insect Remains	69
	1. Rationale	69
	2. Collecting Techniques	70
	C. Plant Remains	73
	1. Rationale	73
	2. Tree Rings	74
	3. Pollen	76
Chapter VI	The Investigative Role of the Forensic Anthropologist and Archaeologist	79
	A. Rationale	79
	B. Comments on Analytical Methods	79
	C. Special Techniques	81
	1. Animal Remains	81
	2. Cremations and Fragmented Bodies	81
	3. Anatomic Reconstruction	84
	4. Facial Reconstruction	85
Chapter VII	Protocol for the Transfer of Human Remains	89
Appendix 1	Resource Personnel in Human Remains Identification	91
Appendix 2	Equipment and Materials for the Recovery of Human Remains	100
Appendix 3	Human Remains Field Recovery Form	101
Appendix 4	Killing Bottle and Rearing Container for Insect Remains	113
Glossary		115
References and Recommended Reading		147
Illustrations of the Human Skeleton		151