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Nota di contenuto	Front cover; Fire Debris Analysis; Copyright page; Table of contents; Biographies; Preface; Acknowledgments; Foreword; CHAPTER 1: Introduction; 1.1 THE OTHER USE OF GASOLINE AND DIESEL FUEL; 1.2 FIRE INVESTIGATION; 1.3 WHAT IS FIRE DEBRIS ANALYSIS?; 1.4 WHO PERFORMS FIRE DEBRIS ANALYSIS?; REFERENCES; CHAPTER 2: History; 2.1 PREAMBLE; 2.2 SAMPLE ANALYSIS; 2.3 SAMPLE EXTRACTION; 2.4 STUDY OF INTERFERENCES; REFERENCES; CHAPTER 3: Review of Basic Organic Chemistry; 3.1 INTRODUCTION; 3.2 CHEMICAL BONDS; 3.3 CLASSIFICATION OF ORGANIC COMPOUNDS; 3.4 IUPAC NOMENCLATURE; REFERENCES CHAPTER 4: Chemistry and Physics of Fire and Liquid Fuels4.1 DEFINITION OF FIRE; 4.2 COMBUSTION; 4.3 PHASE CHANGES; 4.4 PYROLYSIS; 4.5 FIRE DEVELOPMENT; 4.6 LIQUID FUEL PROPERTIES; REFERENCES; CHAPTER 5: Detection of Ignitable Liquid Residues at Fire Scenes; 5.1 INTRODUCTION; 5.2 BURN PATTERNS; 5.3 ELECTRONIC SNIFFERS; 5.4 COLORIMETRIC TUBES; 5.5 ACCELERANT DETECTION

CANINES; 5.6 IGNITABLE LIQUID ABSORBENT; 5.7 ULTRAVIOLET DETECTION; 5.8 PORTABLE GAS-CHROMATOGRAPH (-MASS SPECTROMETER); REFERENCES; CHAPTER 6: Sample Collection; 6.1 INTRODUCTION; 6.2 SAMPLE SELECTION; 6.3 SAMPLE REMOVAL 6.4 SAMPLE PACKAGING6.5 EVIDENCE ADMINISTRATION AND TRANSPORTATION; REFERENCES; CHAPTER 7: Flammable and Combustible Liquids; 7.1 INTRODUCTION; 7.2 HISTORY; 7.3 SOURCES OF CRUDE OIL; 7.4 COMPOSITION OF CRUDE OIL; 7.5 REFINING PROCESSES; 7.6 PETROLEUM PRODUCT PROPERTIES; 7.7 THE ASTM CLASSIFICATION SCHEME; REFERENCES; CHAPTER 8: Gas Chromatography and Gas Chromatography-Mass Spectrometry; 8.1 INTRODUCTION; 8.2 CHROMATOGRAPHIC THEORY; 8.3 GAS CHROMATOGRAPHY; 8.4 MASS SPECTROMETRY; 8.5 PARAMETERS USED IN FIRE DEBRIS ANALYSIS 8.6 DATA ANALYSIS AND INTERPRETATION METHODS IN GAS CHROMATOGRAPHY-MASS SPECTROMETRYREFERENCES; CHAPTER 9: Interpretation of Data Obtained from Neat Ignitable Liquids; 9.1 INTRODUCTION; 9.2 PETROLEUM v. NONPETROLEUM IGNITABLE LIQUIDS; 9.3 BOILING POINT RANGE; 9.4 PETROLEUM-BASED IGNITABLE LIQUIDS; 9.5 GASOLINE; 9.6 PETROLEUM DISTILLATES; 9.7 ISOPARAFFINIC PRODUCTS; 9.8 NAPHTHENIC PARAFFINIC PRODUCTS; 9.9 NORMAL-ALKANE PRODUCTS; 9.10 AROMATIC PRODUCTS; 9.11 NONPETROLEUM-BASED IGNITABLE LIQUIDS; 9.12 IGNITABLE LIQUID IDENTIFICATION SCHEME; 9.13 COMPARISON OF IGNITABLE LIQUIDS; REFERENCES CHAPTER 10: Preliminary Examination of Evidence10.1 INTRODUCTION; 10.2 DOCUMENTATION; 10.3 INITIAL OBSERVATION; 10.4 OTHER FORENSIC EXAMINATIONS; 10.5 DETAILED OBSERVATIONS; REFERENCES; CHAPTER 11: Extraction of Ignitable Liquid Residues from Fire Debris; 11.1 INTRODUCTION; 11.2 DISTILLATION TECHNIQUES; 11.3 SOLVENT EXTRACTION TECHNIQUES; 11.4 HEADSPACE TECHNIQUE; 11.5 ADSORPTION TECHNIQUES; 11.6 CHOOSING THE RIGHT TECHNIQUE; REFERENCES; CHAPTER 12: Interpretation of Ignitable Liquid Residues Extracted from Fire Debris; 12.1 INTRODUCTION; 12.2 MATERIALS CONSTITUTING SUBSTRATES 12.3 CONCEPT OF INTERFERING PRODUCTS

Sommario/riassunto

The study of fire debris analysis is vital to the function of all fire investigations, and, as such, Fire Debris Analysis is an essential resource for fire investigators. The present methods of analysis include the use of gas chromatography and gas chromatography-mass spectrometry, techniques which are well established and used by crime laboratories throughout the world. However, despite their universality, this is the first comprehensive resource that addresses their application to fire debris analysis. Fire Debris Analysis covers topics such as the physics and chemistry

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Nota di contenuto	Intro -- TABLE OF CONTENTS -- LIST OF FIGURES -- PREFACE -- ACKNOWLEDGMENTS -- PART ONE INTRODUCTION -- INTRODUCTION: APPROACHING GENDER IN CYPRIOT ARCHAEOLOGY -- PART TWO GENDER AND SOCIAL ORGANIZATION (NEOLITHIC-MIDDLE BRONZE AGE) -- NEOLITHIC SOCIETY IN CYPRUS: A TENTATIVE ANALYSIS ALAIN LE BRUN -- LIFE CYCLES AND THE DYNAMICS OF DOMESTIC ARCHITECTURE: HOUSEHOLDS IN NEOLITHIC CYPRUS DEMETRA PAPACONSTANTINOU -- GENDER AND SOCIAL STRUCTURE IN PREHISTORIC CYPRUS: A CASE STUDY FROM KISSONERGA EDGAR PELTENBURG -- GENDER AND MORTUARY RITUAL IN CHALCOLITHIC CYPRUS DIANE BOLGER -- ENGENDERING THE BUILT ENVIRONMENT: HOUSEHOLD AND COMMUNITY IN PREHISTORIC BRONZE AGE CYPRUS JENNIFER M. WEBB -- PART THREE GENDER AND SOCIAL ORGANIZATION (LATE BRONZE AGE-MEDIEVAL) -- WINE, WOMEN AND SONG: DRINKING RITUAL IN CYPRUS IN THE LATE BRONZE AND EARLY IRON AGES LOUISE STEEL -- CYPRIOT WOMEN OF THE ARCHAIC PERIOD: EVIDENCE FROM SCULPTURE LONE WRIEDT SORENSEN -- EVIDENCE OF GENDER AND FAMILY RELATIONS IN A TOMB OF THE CYPRO-ARCHAIC I PERIOD

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MARIANNE VANDERVONDELEN -- SAINTED LADIES AND WICKED
HARLOTS" : PERCEPTIONS OF GENDER IN MEDIEVAL CYPRUS IOANNA
CHRISTOFORAKI -- PART FOUR GENDER, IDENTITY AND ETHNICITY --
SOCIAL STRATIFICATION, GENDER AND ETHNICITY IN THIRD
MILLENNIUM CYPRUS DAVID FRANKEL -- SEXUAL AMBIGUITY IN PLANK
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THE BODY: REPRESENTATIONS OF PRE-PUBESCENT GENDER GROUPS ON
EARLY AND MIDDLE CYPRIOT "SCENIC COMPOSITIONS" ELINOR C. --
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ANCIENT CYPRIOT ART DENA GILBY -- PART FIVE GENDER,
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FAR NAOMI HAMILTON -- GENDER, SEX AND THE CYPRIOT SYLLABIC
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GEORGIA BONNY BAZEMORE -- CORRUPTING APHRODITE: COLONIALIST
INTERPRETATIONS OF THE CYPRIAN GODDESS MICHAEL GIVEN -- PART
EIGHT PANEL DISCUSSION: GENDER EQUITY ISSUES IN ARCHAEOLOGY
TODAY -- PANEL DISCUSSION: GENDER EQUITY ISSUES IN
ARCHAEOLOGY TODAY -- INDEX.

Sommario/riassunto

The last three decades have witnessed the introduction of gendered approaches to the social sciences in general, and archaeology in particular, developing initially within the rubric of womens studies by American feminist and other politically minded academics who formed part of the Womens Movement of the early 1970s. By examining archaeological remains from the perspective of gender, we can begin to formulate approaches to the study of past cultures more deliberately and intimately. The papers in this volume focus on issues of gender and society in ancient Cyprus from the Neolithic to Roman periods. The introduction of gender as a focal point in archaeological research will continue to advance the discipline by contributing vital new approaches to the social interactions of the islands rich and dynamic past.
