

BONE ANTLER IVORY & HORN

The Technology of
Skeletal Materials
Since the Roman
Period



ARTHUR MACGREGOR

Bone Antler Ivory Horn The Technology Of Skeletal Materials Since The Roman Period

Arthur MacGregor



Bone Antler Ivory Horn The Technology Of Skeletal Materials Since The Roman Period:

Bone, Antler, Ivory and Horn Arthur MacGregor, 2014-10-30 Artefacts made from skeletal materials since the Roman period were before this book neglected as a serious area of study This is a comprehensive account which reviews over fifty categories of artefact The book starts with a consideration of the formation morphology and mechanical properties of the materials and illuminates characteristics concerning working with them Following chapters discuss the organisation of the industry and trade in such items including the changing status of the industry over time Archaeological evidence is combined with that from historical and ethnological sources with many illustrations providing key visual reference Originally published in 1985 **Bone, Antler, Ivory & Horn** Arthur MacGregor, 2015 **Skates Made of Bone** B.A. Thurber, 2020-03-05 Ice

skates made from animal bones were used in Europe for millennia before metal bladed skates were invented Archaeological sites have yielded thousands of examples some of them dating to the Bronze Age They are often mentioned in popular books on the Vikings and sometimes appear in children's literature Even after metal skates became the norm people in rural areas continued to use bone skates into the early 1970s Today bone skates help scientists and re-enactors understand migrations and interactions among ancient peoples This book explains how to make and use them and chronicles their history from their likely invention in the Eurasian steppes to their disappearance in the modern era **Elements of Archaeological**

Conservation J.M. Cronyn, 2003-07-13 Clearly laid out and fully illustrated this is the only comprehensive book on the subject at an introductory level Perfect as a practical reference book for professional and students who work with excavated materials and as an introduction for those training as archaeological conservators Ancient Textile Production from an Interdisciplinary Perspective Agata Ulanowska, Karina Grömer, Ina Vanden Berghe, Magdalena Öhrman, 2022-04-29 The diverse developments in textile research of the last decade along with the increased recognition of the importance of textile studies in adjacent fields now merit a dedicated full length publication entitled Ancient Textile Production from an Interdisciplinary Perspective Humanities and Natural Sciences Interwoven for our Understanding of Textiles With this volume the authors and the editors wish to illustrate to the current impact of textile archaeology on the scholarly perception of the past not limited to archaeology alone The volume presents new insights into the consumption meaning use and re-use of textiles and dyes all of which are topics of growing importance in textile research As indicated by the title we demonstrate the continued importance of interdisciplinarity by showcasing several interwoven approaches to environmental and archaeological remains textual and iconographic sources archaeological experiments and ethnographic data from a large area covering Europe and the Mediterranean Near East Africa and Asia The chronological span is deliberately wide including materials dating from c 6th millennium BCE to c mid 14th century CE The volume is organised in four parts that aim to reflect the main areas of the textile research in 2020 After the two introductory chapters Part I About this Volume and Textile Research in 2020 follow two chapters referring to dyes and dyeing technology in which analytical and material based studies

are linked to contextual sources Part II Interdisciplinarity of Colour Dye Analyses and Dyeing Technologies The six chapters of Part III Interdisciplinary Approaches to Textile Tools discuss textiles and textile production starting from the analyses of tools whether functional or as representative of technological developments or user identity Archaeological and cultural contexts as well as textile traditions are the main topics of the six chapters in Part IV Traditions and Contexts Fibres Fabrics Techniques Uses and Meanings The two final chapters in Part V Digital Tools refer to the use of digital tools in textile research presenting two different case studies

Krinoi kai Limenes Philip P. Betancourt, Michael C. Nelson, Hector Williams, 2007-12-31 Joseph and Maria Shaw received the Archaeological Institute of America's Gold Medal for a lifetime of outstanding achievement in January of 2006 This volume is a collection of the papers presented at the Gold Medal Colloquium held in their honor during the 2006 Annual Meeting of the Archaeological Institute of America in Montreal Quebec Additional articles have also been written for this volume Many of the articles pertain to different aspects of Aegean Bronze Age architecture harbors frescoes and trade which are all keen interests of the Shaws

North European Symposium for Archaeological Textiles X Eva B. Andersson Strand, Margarita Gleba, Ulla Mannering, Cherine Munkholt, Maj Ringgard, 2009-12-11 The NESAT symposium has grown from the first meeting in 1981 which was attended by 23 scholars to over 100 at the tenth meeting that took place in Copenhagen in 2008 with virtually all areas of Europe represented The 50 papers from the conference presented here show the vibrance of the study of archaeological textiles today Examples studied come from the Bronze Age Neolithic the Iron Age Roman Viking the Middle Ages and post Medieval and from a wide range of countries including Norway Czech Republic Poland Greece Germany Lithuania Estonia and the Netherlands Modern techniques of analysis and examination are also discussed

Crafts and Social Networks in Viking Towns Stephen P. Ashby, Søren Sindbaek, 2020-02-19 *Crafting Communities* explores the interface between craft communication networks and urbanization in Viking age Northern Europe Viking period towns were the hubs of cross cultural communication of their age and innovations in specialized crafts provide archaeologists with some of the best evidence for studying this communication The integrated results presented in these papers have been made possible through the sustained collaboration of a group of experts with complementary insights into individual crafts Results emerge from recent scholarly advances in the study of artifacts and production first the application of new analytical techniques in artifact studies e.g. metallographic isotopic and biomolecular techniques and second the shifted interpretative focus of medieval artifact studies from a concern with object function to considerations of processes of production and of the social agency of technology Furthermore the introduction of social network theory and actor network theory has redirected attention toward the process of communication and highlighted the significance of material culture in the learning and transmission of cultural knowledge including technology The volume brings together leading UK and Scandinavian archaeological specialists to explore crafted products and workshop assemblages from these towns in order to clarify how such long range communication

worked in pre modern Northern Europe Contributors assess the implications for our understanding of early towns and the long term societal change catalysed by them including the initial steps towards commercial economies Results are analyzed in relation to social network theory social and economic history and models of communication setting an agenda for further research *Crafting Communities* provides a landmark statement on our knowledge of Viking Age craft and communication

Excavations at Milla Skerra Sandwick, Unst Olivia Lelong, 2019-03-31 During the late 1st millennium BC into the early 1st millennium AD the small island of Unst in the far north of the Shetland and British Isles was home to well established and connected farming and fishing communities The Iron Age settlement at Milla Skerra was occupied for at least 500 years before it was covered with storm blown sand and abandoned Although part of it had been lost to the sea excavation revealed many details of the life of the settlement and how it was reused over many generations From the middle of the 1st millennium BC people were constructing stone walled yards and filling them with hearth waste and midden material Later inhabitants built a house on top with a paved floor and successive hearths and more domestic rubbish accumulated inside it Outside were new yards and workshops for crafts and metalworking which were remodelled several times The buildings fell into disrepair and became a dumping ground for domestic waste until the 2nd or 3rd century AD when sand buried the settlement Within a few generations a man was buried beside the ruins along with some striking objects Thousands of artefacts and environmental remains from Milla Skerra reveal the everyday practices and seasonal rhythms of the people that lived in this windswept and remote island settlement and their connections to both land and sea

The Medieval Iberian Treasury in the Context of Cultural Interchange (Expanded Edition) , 2020-11-16 The Medieval Iberian Treasury in the Context of Cultural Interchange expanded beyond the special issue of Medieval Encounters from which it was drawn centers on the magnificent treasury of San Isidoro de Le n to address wider questions about the meanings of cross cultural luxury goods in royal ecclesiastical settings during the central Middle Ages Now fully open access and with an updated introduction to ongoing research an additional chapter composite bibliographies and indices this multidisciplinary volume opens fresh ways into the investigation of medieval objects and textiles through historical art historical and technical analyses Carbon 14 dating iconography and social history are among the methods applied to material and textual evidence together shining new light on the display of rulership in medieval Iberia Contributors are Ana Cabrera Lafuente Mar a Judith Feliciano Julie A Harris Jitske Jasperse Therese Martin Pamela A Patton Ana Rodr guez and Nancy L Wicker

Dress in Anglo-Saxon England Gale R. Owen-Crocker, 2004 A vivid and detailed reconstruction of the costume worn in England before the arrival of the Norman conquerors

Animal Husbandry in Ancient Israel Aharon Sasson, 2016-04-08 Animals have been used to human advantage for thousands of years Animal Husbandry in Ancient Israel presents an analysis of caprines and cattle husbandry in the Southern Levantine Bronze and Iron Age The book employs key methodological approaches comparative analysis taphonomy Geographic Information System spatial analysis and

ethnographic studies to challenge prevalent views on the Southern Levantine ancient economy Animal Husbandry in Ancient Israel argues that the key concern of nomadic rural and urban populations was survival the common household maintained a self sufficient economy rather than profit specialization or trade The book will be of value to all those interested in the dynamic relationship between humans and animals in ancient Israel **Manual of Forensic Taphonomy** James T.

Pokines, Ericka N. L'Abbe, Steven A. Symes, 2021-12-30 The main goals in any forensic skeletal analysis are to answer who is the person represented individualization how that person died trauma pathology and when that person died the postmortem interval or PMI The analyses necessary to generate the biological profile include the determination of human nonhuman or nonosseous origin the minimum number of individuals represented age at death sex stature ancestry perimortem trauma antemortem trauma osseous pathology odontology and taphonomic effects the postmortem modifications to a set of remains The Manual of Forensic Taphonomy Second Edition covers the fundamental principles of these postmortem changes encountered during case analysis Taphonomic processes can be highly destructive and subtract information from bones regarding their utility in determining other aspects of the biological profile but they also can add information regarding the entire postmortem history of the remains and the relative timing of those effects The taphonomic analyses outlined provide guidance on how to separate natural agencies from human caused trauma These analyses are also performed in conjunction with the field processing of recovery scenes and the interpretation of the site formation and their postdepositional history The individual chapters categorize these alterations to skeletal remains illustrate and explain their significance and demonstrate differential diagnosis among them Such observations may then be combined into higher order patterns to aid forensic investigators in determining what happened to those remains in the interval from death to analysis including the environment s in which the remains were deposited including buried terrestrial surface marine freshwater or cultural contexts Features Provides nearly 300 full color illustrations of both common and rare taphonomic effects to bones derived from actual forensic cases Presents new research including experimentation on recovery rates during surface search timing of marine alterations trophy skulls taphonomic laboratory and field methods laws regarding the relative timing of taphonomic effects reptile taphonomy human decomposition and microscopic alterations by invertebrates to bones Explains and illustrates common taphonomic effects and clarifies standard terminology for uniformity and usage within in the field While the book is primarily focused upon large vertebrate and specifically human skeletal remains it effectively synthesizes data from human ethological geological paleontological paleoanthropological archaeological artifactual and zooarchaeological studies Since these taphonomic processes affect other vertebrates in similar manners The Manual of Forensic Taphonomy Second Edition will be invaluable to a broad set of forensic and investigative disciplines **A Viking Way of Life** Steven P. Ashby, 2014-01-15 An engaging look at life in the Viking Age *Estonian Journal of Archaeology*, 2002 **The Economy of a Norse Settlement in the Outer Hebrides** Niall Sharples, 2020-11-23 This book explores the economic evidence for the

settlement at Bornais on South Uist It reports in detail on the large assemblages of material found during the excavations at mounds 2 and 2A There is important evidence for craft activity such as bone and antler working and this includes the only comb making workshop from a rural settlement in Britain A large proportion of the copper alloy bone and antler assemblages comprise pieces of personal adornment and provide important information on the dress and thereby social relations within the settlement occupation There is a large assemblage of iron tools and fittings which provides important information on the activities taking place at the settlement The information derived from the artefact assemblages is complemented by that provided by the ecofactual material Large amounts of animal fish and bird bones plus carbonised plant remains provide detailed information on agricultural practices and the processing preparation and consumption of foodstuffs It is clear that the Norse inhabitants of the settlement had access to a much richer variety of resources than had been exploited before the Viking colonisation of the region The settlement also had a significantly wider range of connections material culture indicates contacts to the south with the Irish Sea ports and Bristol and to the north with Shetland and the Viking homelands of Norway The evidence produced by these excavations is exceptional and provides an unparalleled opportunity to explore medieval life in the Scandinavian kingdoms of Western Britain *Seeking a Richer Harvest* Tina Thurston, Christopher T

Fisher, 2006-11-25 Subsistence intensification innovation and change have long figured prominently in explanations for the development of social complexity among foragers and horticulturalists and the rise of chiefly societies and archaic states yet there is considerable debate over the actual mechanisms that promote these processes Traditional approaches to the intensification question emphasize population pressure climate change bureaucratic management or even land degradation as prerequisites for the onset of new or changing strategies or the construction and maintenance of agricultural landscapes Most often these factors are modeled as external forces outside the realm of human decision making but recent archaeological research presents an alternative to this suggesting that subsistence intensification is the result of human driven strategies for power prestige and status stemming from internal conditions within a group When responding to environmental adversity human groups were less frequently the victims as they have been repeatedly portrayed Instead human groups were often vigorous actors responding with resilience ingenuity and planning to flourish or survive within dynamic and sometimes unpredictable social and natural milieux Castle Park, Dunbar David R. Perry, 2000 This title looks at the long history of fortification that has been revealed excavations on a rocky headland high above the harbour at Dunbar on the east coast of Scotland **British and Irish Archaeology**, 1994 *Monstrous Fishes and the Mead-Dark Sea* Vicki

E. Szabo, 2008-01-31 Medieval people viewed whales in complex and contradictory ways from marvelous to monstrous to mundane heaven sent or hell bent Despite this whales are conspicuous in their absence from most historical and archaeological dialogues on the Middle Ages Drawing upon a wealth of legal literary and material evidence this work details the ways in which whales were sought out and scavenged at sea and shore fought over in legal and physical battles and

prized for meat bone and fuel Using Old Norse sagas laws and material culture alongside comparative historical and ethnographic evidence *Monstrous Fishes and the Mead Dark Sea* reexamines the value of whales in the medieval North Atlantic world

Unveiling the Power of Verbal Art: An Emotional Sojourn through **Bone Antler Ivory Horn The Technology Of Skeletal Materials Since The Roman Period**

In a global inundated with screens and the cacophony of fast interaction, the profound power and mental resonance of verbal beauty often diminish into obscurity, eclipsed by the constant assault of noise and distractions. However, nestled within the musical pages of **Bone Antler Ivory Horn The Technology Of Skeletal Materials Since The Roman Period**, a interesting perform of literary brilliance that pulses with organic feelings, lies an remarkable journey waiting to be embarked upon. Written by way of a virtuoso wordsmith, that exciting opus books viewers on a mental odyssey, gently revealing the latent possible and profound influence stuck within the intricate web of language. Within the heart-wrenching expanse with this evocative examination, we shall embark upon an introspective exploration of the book is central themes, dissect their interesting publishing model, and immerse ourselves in the indelible effect it leaves upon the depths of readers souls.

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