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Environmental Archaeology: Keith Wilkinson 2003 Environmental archaeology focuses on the ways in which humans have interacted with nature throughout the past. This book discusses what exactly the field is, why it is studied, and what contribution it can make to reconstructing the past. Individual chapters focus on how the field of study developed, its key principles, techniques and approaches, and how environmental archaeologists reach and communicate their interpretations of the evidence.

Environmental Archaeology: Chris Turney 2014-05-12 Environmental Archaeology: Theoretical and Practical Approaches outlines and assesses the various methods used to reconstruct and explain the past interaction between people and their environment. Emphasising the importance of a highly scientific approach to the subject, the book combines geoaarheological, bioarchaeological (archaeobotany and zooarchaeology) and geochronological information and examines how these various aspects of archaeology may be used to enhance our knowledge and understanding of past human environments. Drawing from both the practical experiences of the authors and cutting-edge research, Environmental Archaeology: Theoretical and Practical Approaches is a valuable contribution to the subject. It will be essential reading for students and professionals in archaeology, geography and anthropology.

Environmental Archaeology: Dena F. Dinauze 2000-08-17 Authoritative and essential guide to methods interpreting the ecology of archaeological sites, and their applications.

Environmental Archaeology: Evangelia Pişkin 2018-04-11 This book aims to thoroughly discuss new directions of thinking in the arena of environmental archaeology and test them by presenting new practical applications. Recent theoretical and epistemological advancement in the field of archaeology calls for a re-definition of the subdiscipline of environmental archaeology and its position within the practice of archaeology. New technological and methodological discoveries in hard sciences and computer applications opened fresh ways for interdisciplinary collaborations thus introducing new branches and specialisations that need now to be accommodated and integrated within the previous status-quo. This edited volume will take the challenge and engage with contemporary international discussions about the role of the discipline within the general framework of archaeology. By drawing upon these debates, the contributors to this volume will rethink what environmental archaeology is and what kind of input the investigation of this kind of materiality has to the reconstruction of human history and society.

Case Studies in Environmental Archaeology: Elizabeth Reitz 2008 This book highlights studies addressing significant anthropological issues in the Americas from the perspective of environmental archaeology. The book uses case studies to resolve questions related to human behavior in the past rather than to demonstrate the application of methods. Each chapter is an original or revised work by an internationally-recognized scientist. This second edition is based on the 1996 book of the same title. The editors have invited back a number of contributors from the first edition to revise and update their chapter. New studies are included in order to cover recent developments in the field or additional pertinent topics.

Environmental Archaeology: Elizabeth Reitz 2012-06-05 One of the most significant developments in archaeology in recent years is the emergence of its environmental branch: the study of humans' interactions with their natural surroundings over long periods and of organic remains instead of the artifacts and household items generally associated with sites. With the current attention paid to human responsibility for environmental change, this innovative field is recognized by scientists, conservation and heritage managers and policymakers worldwide. In this context comes Environmental Archaeology by Elizabeth Reitz and Myra Shackley; updating the seminal 1981 text Environmental Archaeology by Myra Shackley. Rigorously detailed yet concise and accessible, this volume surveys the complex and technical field of environmental archaeology for researchers interested in the causes, consequences and potential future impact of environmental change and archaeology. Its coverage acknowledges the multiple disciplines involved in the field, expanding the possibilities for using environmental data from archaeological sites in enriching related disciplines and improving communication among them.

Introductory chapters explain the processes involved in the formation of sites, introduce research designs and field methods and walk the reader through biological classifications before focusing on the various levels of biotic and abiotic materials found at sites, including: Sediments and soils. Viruses, bacteria, archaea, protists and fungi. Bryophytes and vascular plants. Wood, charcoal, stems, leaves and roots. Spores, pollen and other microbotanical remains. Arthropods, molluscs, echinoderms and vertebrates. Stable isotope, geochronologic and biomolecular analyses. The updated Environmental Archaeology is a major addition to the resource library of archaeologists, environmentalists, historians, researchers, policymakers—anyone involved in studying, managing or preserving historical sites. The updated Environmental Archaeology is a major addition to the resource library of archaeologists, environmentalists, historians, researchers, policymakers—anyone involved in studying, managing, or preserving historical sites.

Molluscs in Archaeology: Michael J. Allen 2017-06-30 The subject of Molluscs in Archaeology has not been dealt with collectively for several decades. This new volume in Oxbow's Studying Scientific Archaeology series addresses many aspects of mollusks in archaeology. It will give the reader an overview of the whole topic; methods of analysis and approaches to interpretation. It aims to be a broad based text book giving readers an insight of how to apply analysis to different present and past landscapes and how to interpret those landscapes. It includes Marine, Freshwater and land snails studies, and examines topics such as diet, economy, climate, environmental and land-use, isotopes and mollusks as artifacts. It aims to provide archaeologists and students with the first port of call giving them a) methods and principles, and b) the potential information mollusks can provide. It concentrates on analysis and interpretation most archaeologists and students can undertake and understand, and to 'review the 'heavier' science in terms of potential, application and interpretational value.

Environmental Archaeology: Meaning and Purpose: Umberto Albarella 2013-04-17 Despite the fact that the human life of the past cannot be understood without taking into account its ecological relationships, environmental studies are often marginalized in archaeology. This is the first book that, by discussing the meaning and purpose we give to the expression 'environmental archaeology', investigates the reasons for such a problem. The book is written in an accessible manner and is of interest to all students who want to understand the essence of archaeology beyond the boundary of the individual subdisciplines.
Environmental Archaeology in Ireland—Eileen M. Murphy 2007-10-10 This edited volume of 16 papers provides an introduction to the techniques and methodologies, approaches and potential of environmental archaeology within Ireland. Each of the 16 invited contributions focuses on a particular aspect of environmental archaeology and include such specialist areas as radiocarbon dating, dendrochronology, palaeoentomology, human osteoarchaeology, palynology and geoarchaeology, thereby providing a comprehensive overview of environmental archaeology within an Irish context. The inclusion of pertinent case studies within each chapter will heighten awareness of the profusion of high standard environmental archaeological research that is currently being undertaken on Irish material. The book will provide a key text for students and practitioners of archaeology, archaeological science and palaeoecology.

Encyclopedia of Environmental Change—John A Matthews 2013-12-13 Accessibly written by a team of international authors, the Encyclopedia of Environmental Change provides a gateway to the complex facts, concepts, techniques, methodology and philosophy of environmental change. This three-volume set illustrates and examines topics within this dynamic and rapidly changing interdisciplinary field. The encyclopedia includes all of the following aspects of environmental change: Diverse evidence of environmental change, including climate change and changes on land and in the oceans Underlying natural and anthropogenic causes and mechanisms Wide-ranging local, regional and global impacts from the polar regions to the tropics Respones of geo-ecosystems and human-environmental systems in the face of past, present and future environmental change Approaches, methodologies and techniques used for reconstructing, dating, monitoring, modelling, projecting and predicting change Social, economic and political dimensions of environmental issues, environmental conservation and management and environmental policy Over 4,000 entries explore the following key themes and more: Climatic change Environmental management Environmental policy Environmental security Food security Glaciation Green Revolution Human impact on environment Industrialization Landuse change Military impacts on environment Mining and mining impacts Nuclear energy Pollution Renewable resources Solar energy Sustainability Tourism Trade Water resources Water security Wildlife conservation The comprehensive coverage of terminology includes layers of entries ranging from one-line definitions to short essays, making this an invaluable companion for any student of physical geography, environmental geography or environmental sciences.

Environmental Archaeology—Terence Patrick O’Connor 2005-01-01 This title provides a survey of the scientific techniques which are used in archaeology to analyse ancient human environments and which give a fascinating insight into the context of prehistory.

Ecological and Environmental Science: A Research Perspective—Hiren B. Soni, Ph.D. The book “Ecological and Environmental Science: A Research Perspective” is a compilation of author’s original research papers, scientific articles, review articles, popular articles, general articles, and short notes on forest ecology, plant ecology, hydrology, landscape ecology, plant ecology, bird ecology, and animal ecology. The book is a perfect amalgamation of burgeoning and thrust topics spanning biodiversity, and conservation and management of floral and faunal elements including ecology and biodiversity of phytoplancton, zooplankton, aquatic macrophytes, mangroves, terrestrial plants, animals (butterflies, reptiles, mammals) and birds. It covers ecological and environmental factors affecting abiotic and biotic components prevailed in forest, desert, grassland and wetland habitats and ecosystems. The present book highlights field studies and laboratory investigations carried out by the author during his research journey of 22 years (1998-2020). It discusses ecology, ethnobotanical, ethnomedicinal and aesthetic values of plants, resource use patterns by local inhabitants, socio-cultural aspects, livelihood dependency, rare and endangered plants, animals and birds, anthropogenic pressures, conservation and management strategies of endemic, exotic, and invasive species, and so on. The book covers unique and promising research topics e.g. hydrochemistry, geochemistry, biomonitory of heavy metals in aquatic and terrestrial plants, metal remediation, environmental modeling, environmental archaeology, environmental biocindicators, environmental forensics, etc. The author believes that this book is a perfect blend of his research work on two integral branches of biology i.e. ecology and environmental science, which will undoubtedly enrich and enhance the knowledge and awareness of laymen and scientific community world over especially in the field of ecology and biodiversity of plants, animals, and birds, associated with physical, chemical, biological, ecological and environmental factors. The present book would certainly be useful and handy as a ready-reference material for students, academicians, researchers, scientists, ecological and environmental consultants, restoration specialists, practitioners, conservationists, and biodiversity managers at regional, national and global platform.

The Oxford Handbook of Wetland Archaeology—Francesco Menotti 2013 The Oxford Handbook of Wetland Archaeology is the most comprehensive survey of world wetland archaeology ever published and sets out and covers the key issues and debates in the theory and practice of wetland archaeology, which has played a crucial role in studies of our past. Due to the high quantity of well-preserved organic materials found in humid environments, the study of wetlands has allowed archaeologists to reconstruct people’s everyday lives in great detail. Through concise essays written by over fifty of the world’s leading scholars in the field, it describes the scientific and archaeological principles, methodologies, and spectacular results of past and present archaeological investigations of wetland environments.

Applications of Palaeontology—Robert Wynn Jones 2011-08-18 Palaeontology, the scientific study of fossils, has developed from a descriptive science to an analytical science used to interpret relationships between earth and life history. This book provides a comprehensive and thematic treatment of applied palaeontology, covering the use of fossils in the ordering of rocks in time and in space, in biostratigraphy, palaeobiology and sequence stratigraphy. Robert Wynn Jones presents a practical workflow for applied palaeontology, including sample acquisition, preparation and analysis, and interpretation and integration. He then presents numerous case studies that demonstrate the applicability and value of the subject to areas such as petroleum, mineral and coal exploration and exploitation, engineering geology and environmental science. Specialist applications outside of the geological, such as palaeoecological, palynological, entomological, forensic, and melissopalynology (bee pollen analysis) are also addressed. Abundantly illustrated and referenced, Applications of Palaeontology provides a user-friendly reference for academic researchers and professionals across a range of disciplines and industry settings.

Field Archaeology—Peter Drewett 2011-02-09 Since its first publication, Field Archaeology: An Introduction has proved to be a key handbook for all those undertaking introductory courses in archaeology or volunteering on their first excavation. In this revised second edition, key developments in technology, theory and changes in the law are included, bringing it up to date with the most recent fieldwork practices. The rig is the face of archaeology most immediately recognised by the general public, and is often what attracts both students and amateurs to the discipline. Yet there is much more to working in the field than digging alone. Peter Drewett’s comprehensive survey explores the process, from the core work of discovery and excavation to the final product, the published archaeological report. The main topics are: How an archaeological site is formed Finding and recording archaeological sites Planning excavations, digging the site and recording the results Post-fieldwork planning, processing and finds analysis Interpreting the evidence Publishing the report Illustrated with 100 photographs and line drawings, and using numerous case studies, this second edition of Field Archaeology ensures it will remain the essential introductory guide for archaeology students and the growing number of enthusiasts for the subject.

Handbook of Landscape Archaeology—Bruno David 2016-06-03 Over the past three decades, “landscape” has become an umbrella term to describe many different strands of archaeology. From the processualist study of settlement patterns to the phenomenologist’s experience of the natural world, from human impact on past environments to the environment’s impact on human thought, action, and interaction, the term has been used. In this volume, for the first time, over 80 archaeologists from three continents attempt a comprehensive definition of the ideas and practices of landscape archaeology, covering the theoretical and the practical, the research and conservation, and engraving the term in a global framework. As a basic reference volume for landscape archaeology, this volume will be the benchmark for decades to come. All royalties on this Handbook are donated to the World Archaeological Congress.

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Connecting Continents

Ethno-geoarchaeology; the role of geoarchaeology in global environmental crises and climate change. This volume showcases the significant departure from previous symbolic approaches that is underway in the discipline. It brings together key scholars advancing a variety of cutting edge approaches, each emphasizing an understanding of artifacts and materials not in terms of symbols but relationally, as a set of associations that compose people's understanding of the world. Authors draw on a diversity of intellectual sources and case studies, paving a dynamic road ahead for archaeology as a discipline and theoretical approaches to material culture.

Archaeology of African Plant Use

The first major synthesis of African archaeobotany in decades, this book focuses on Paleolithic archaeobotany and the relationship between agriculture and social complexity. It explores the effects that plant life has had on humans as they evolved from primates through the complex societies of Africa, including Egypt, the Buganda Kingdom, southern African polities, and other regions. With over 30 contributing scholars from 12 countries and extensive illustrations, this volume is an essential addition to our knowledge of humanity's relationship with plants.

The Oxford Handbook of Zooarchaeology

Animals have played a fundamental role in shaping human history, and the study of their remains from archaeological sites - zooarchaeology - has gradually been emerging as a powerful discipline and crucial for forging an understanding of our past. The Oxford Handbook of Zooarchaeology offers a cutting-edge compendium of zooarchaeology the world over that transcends environmental, economic, and social approaches, seeking instead to provide a holistic view of the roles played by animals in past human cultures. Incisive chapters written by leading scholars in the field incorporate case studies from across Africa, from Iceland to the Americas, from regional data sets and broad geographic and historical contexts that channel future actions. This broad focus is inclusive of early complex polities, and other regions. With over 30 contributing scholars from 12 countries and extensive illustrations, this volume is an essential addition to our knowledge of humanity's relationship with plants.

Foraminifera and their Applications

A new generation of archaeologists has thrown open a diverse set of intellectual sources and case studies, paving a dynamic road ahead for archaeology as a discipline and theoretical approaches to material culture. This handbook integrates and advances the field of foraminiferal paleoecology, providing a sense of the dynamism of the discipline, the many approaches and methods adopted by different schools and traditions, and an idea of the huge range of interactions that have occurred between people and animals throughout the world and its history.

Wetland Archaeology and Beyond

Wetland Archaeology and Beyond offers an authoritative Handbook of Archaeological Methods, gathers original, authoritative articles from leading archaeologists on all aspects of the latest thinking about archaeological theory. It is the definitive resource for understanding how to think about archaeology.

Handbook of Archaeological Theories

Entanglement theory posits that the interrelationship of humans and objects is a delimiting characteristic of human history and culture. This edited volume of original studies by leading archaeological theorists applies this concept to a broad range of topics, including archaeological science, heritage, and theory itself. In the theoretical explications and ten case studies, the editors and contributing authors draw on a diversity of disciplines and methods to provide a more fine-grained, multi-sectoral treatment emanating from the long-term perspective that characterizes archaeological research: to bring to light the subtle and unrecognized patterns that define historical circumstances and bind human intentionality; examine the constructions of personhood, the rigidity of path dependencies, the unpredictable connections between humans and objects and the intricate paths of post events in varied geographic and historical contexts that channel future actions. This broad focus is inclusive of early complex
developments in Asia and Europe, imperial and state strategies in the Andes and Mesoamerica, continuities of postcolonialism in North America, and the unforeseen and complex consequences that derive from archaeological practices. This volume will appeal to archaeologists and their advanced students.

Method and Theory in Paleoeothenobotany-John M. Marston 2015-02-15 Paleoeothenobotany, the study of archaeological plant remains, is poised at the intersection of the study of the past and concerns of the present, including agricultural decision making, biodiversity, and global environmental change, and has much to offer to archaeology, anthropology, and the interdisciplinary study of human relationships with the natural world. Method and Theory in Paleoeothenobotany demonstrates those connections and highlights the increasing relevance of the study of past human-plant interactions for understanding the present and future. A diverse and highly regarded group of scholars reference a broad array of literature from around the world as they cover their areas of expertise in the practice and theory of paleoeothenobotany—starch grain analysis, stable isotope analysis, ancient DNA, digital data management, and ecological and postprocessual theory. The only comprehensive edited volume focusing on method and theory to appear in the last twenty-five years, Method and Theory in Paleoeothenobotany addresses the new areas of inquiry that have become central to contemporary archaeological debates, as well as the current state of theoretical, methodological, and empirical work in paleoeothenobotany.

The Archaeology of Medicine in the Greco-Roman World-Patricia A. Baker 2013-09-30 This book teaches students and scholars of Greco-Roman medical history how to use and critically assess archaeological materials. Ancient medicine is a subject dominated by textual sources, yet there is a wealth of archaeological remains that can be used to broaden our understanding of medicine in the past. In order to use the information properly, this book explains how to ask questions of an archaeological nature, how to access different types of archaeological materials, and how to research the problems that arise. The archaeology of medicine for archaeologists interested in this aspect of their subject. Although the focus is on the Greco-Roman period, the methods and theories explained within the text can be applied to other periods in history. The areas covered include text as material culture, images, artifacts, spaces of medicine, and science and archaeology.

Surviving Sudden Environmental Change-Jago Cooper 2012-02-01 Archaeologists have long encountered evidence of natural disasters through excavation and stratigraphy. In Surviving Sudden Environmental Change, case studies examine how eight different past human communities—ranging from Arctic to equatorial regions, from tropical rainforests to desert interiors, and from deep prehistory to living memory—faced, and coped with, such dangers. Many disasters originate from a force of nature, such as an earthquake, cyclone, tsunami, volcanic eruption, drought, or flood. But that is only half of the story; decisions of people and their particular cultural lifeways are the rest. Sociocultural factors are essential in understanding risk, impact, resilience, reactions, and recoveries from massive sudden environmental changes. By using deep-time perspectives provided by interdisciplinary approaches, this book provides a rich temporal background to the human experience of environmental hazards and disasters. In addition, each chapter is followed by an abstract summarizing the important implications for today’s management practices and providing recommendations for policy makers. Publication supported in part by the National Science Foundation.

Interpreting the English Village-Mick Aston 2013-02-07 An original and approachable account of how archaeology can tell the story of the English village. Shapwick lies in the middle of Somerset, next to the important monastic centre of Glastonbury: the abbey owned the manor for 800 years from the 8th to the 16th century and its abbots and officials had a great influence on the lives of the peasants who lived there. It is possible that abbot Dunstan, one of the great reformers of tenth century monasticism directed the planning of the village. The Shapwick Project examined the development and history of an English parish and village over a ten thousand-year period. This was a truly multi-disciplinary project. Not only were a battery of archaeological and historical techniques explored - such as field walking, test-pitting, archaeological excavation, serial reconnaisance, documentary research and cartographic analysis - but numerous other techniques such as building analysis, dendrochronological dating and soil analysis were undertaken on a large scale. The result is a fascinating study about how the community lived and prospered in Shapwick. In addition we learn how a group of enthusiastic and dedicated scholars unravelled this story. As such there is much here to inspire and enthruse others who might want to embark on a landscape study of a parish or village area. Seven of the ten chapters begin with a fictional vignette to bring the story of the village to life. Text-boxes elucidate re-occurring themes and techniques. Extensively illustrated in colour including 100 full page images.

Quantifying Archaeology-Stephen Shennan 2014-05-19 This book introduces archaeologists to the most important quantitative methods, from the initial description of archaeological data to techniques of multivariate analysis. These are presented in the context of familiar problems in archaeological practice, an approach designed to illustrate their relevance and to overcome the fear of mathematics from which archaeologists often suffer.

Proceedings from the 8th Nordic Conference on the Applications of Scientific Methods in Archaeology, Umeå 2001-Roger Engelmark 2006 Ancient Plants and People-Marco Madella 2014-12-11 Mangaives and rice, six-row brittle barley and einkorn wheat. Ancient crops for prehistoric people. What do they have in common? All tell us about the lives and cultures of long ago, as humans cultivated or collected these plants for food. Exploring these and other important plants used for millennia by humans, Ancient Plants and People presents a wide-angle view of the current state of archaeobotanical research, methods, and theories. Food has both a public and a private role, and it permeates the life of all people in a society. Food choice, production, and distribution probably represent the most complex indicators of social life, and thus a study of foods consumed by ancient peoples reveals many clues about their lifestyles. But in addition to yielding information about food production, distribution, preparation, and consumption, plant remains recovered from archaeological sites offer precious insights on past landscapes, human adaptation to climate change, and the relationship between human groups and their environment. Revealing important aspects of past human societies, these plant-driven insights widen the spectrum of information available to archaeologists as we seek to understand our history as a biological and cultural species. Often answers raise more questions. As a result, archaeobotanists are constantly pushed to reflect on the methodological and theoretical aspects of their discipline. The contributors discuss timely methodological issues and emerging research on range of topics from plant-driven approaches by hunter-gatherer and forager cultures, to uses of ancient DNA. Ancient Plants and People provides a global perspective on archaeobotanical research, particularly on the sophisticated interplay between the use of plants and their social or environmental context.

Excavations at Paithan, Maharashtra-Derek Kenet 2020-06-08 This book reports on excavations at Paithan in India revealed the development of two early Hindu temples from the 4th century to the 9th: the key formative phase of Hinduism. The temples started as small shrines but were elaborated into formal temples. In relation to these changes, the excavations revealed a sequence of palaeobotanical and palaeo faunal evidence that give insight into the economic and social changes that took place at that time.

Animal Bones and Archaeology-Polydora Baker 2019-06 This handbook provides advice on best practice for the recovery, publication and archiving of animal bones and teeth from Holocene archaeological sites (ie from approximately the last 10,000 years). It has been written for local authority archaeology advisors, consultants, museum curators, project managers, excavators and zooarchaeologists, with the aim of ensuring that approaches are suitable and cost-effective.

Snails-Paul Davies 2008-09-15 The remains of snails in ancient soils and sediments are one of the most important biological indicators of past landscapes, and have attracted study for well over a century. In spite of this, the only English-language textbook was published in 1972 and is long since out of print. Snails provides a comprehensive, up-to-date reference text on the use of snails as indicators of past environments in Quaternary landscape studies and archaeology. It considers the use of terrestrial and freshwater sub-fossil snail remains as indicators of Late Quaternary (c. last 15,000 years) environmental change and as indicators of past environments and human impacts on the landscape. The volume also demonstrates how an understanding of modern snail ecology can be
used to enhance our interpretation of landscape archaeology, and provides a detailed contextual approach to the main types of deposits in which snail remains are found. Davies also puts forward an agenda for future research on the use of snails in archaeological and environmental reconstruction.

**The Evolution of Neolithic and Bronze Age Landscapes** - Alex Carnes 2014-07-18 At the heart of this book is a comparative study of the stone rows of Dartmoor and northern Scotland, a rare, putatively Bronze Age megalithic typology that has mystified archaeologists for over a century.

**The Routledge Handbook of Sensory Archaeology** - Robin Skeates 2019-11-19 Edited by two pioneers in the field of sensory archaeology, this Handbook comprises a key point of reference for the ever-expanding field of sensory archaeology: one that surpasses previous books in this field, both in scope and critical intent. This Handbook provides an extensive set of specially commissioned chapters, each of which summarizes and critically reflects on progress made in this dynamic field during the early years of the twenty-first century. The authors identify and discuss the key current concepts and debates of sensory archaeology, providing overviews and commentaries on its methods and its place in interdisciplinary sensual culture studies. Through a set of thematic studies, they explore diverse sensorial practices, contexts and materials, and offer a selection of archaeological case-studies from different parts of the world. In the light of this, the research methods now being brought into the service of sensory archaeology are re-examined. Of interest to scholars, students and others with an interest in archaeology around the world, this book will be invaluable to archaeologists and is also of relevance to scholars working in disciplines contributing to sensory studies: aesthetics, anthropology, architecture, art history, communication studies, history (including history of science), geography, literary and cultural studies, material culture studies, museology, philosophy, psychology, and sociology.

**Local, intensive and diverse?** - Ferran Antolín 2016-05-13 This study argues that early farming life may have been more multifaceted than previously thought, and puts forward a reinterpretation of the traditional views on farming, wild plant gathering and social relationships during the Neolithic in the North East of the Iberian Peninsula. The archaeobotanical data from 17 archaeological sites is presented (Sardo Cave; Camp del Colomer; Serra del Mas Bonet; La Dou Codelles; 120; Cave La Draga; Bòbila Madurell; Carrer Reina Amàlia, 31-33; Prehistoric Mines of Gavà; Caplain Cavel; Sant Llorenç Cavel; Espina C; Pia del Gardelo; Puig del Collet; CIM “El Camp”; Fosc Cave). For each site, pioneering methods of investigating the origin and the representativeness of the data are applied. Following these evaluations, palaeoeconomic issues are targeted at different scales, ranging from the context to the regional level. The detailed investigations performed at the site of La Draga particularly stand out, as this is the only Neolithic site with waterlogged conditions of preservation in the Iberian Peninsula. Innovative data on the history of crops like tetraploid naked wheat, tworow barley, naked barley and opium poppy as well as on the role of wild fruits in the economy is revealed, completing an important piece in the puzzle of the investigations concerning the Neolithic in Europe.