

Helios Data Sheet Sabiana

Steppes form one of the largest biomes. Drastic changes in steppe ecology, land use and livelihoods came with the emergence, and again with the collapse, of communist states. Excessive ploughing and vast influx of people into the steppe zone led to a strong decline in nomadic pastoralism in the Soviet Union and China and in severely degraded steppe ecosystems. In Mongolia nomadic pastoralism persisted, but steppes degraded because of strongly increased livestock loads. After the Soviet collapse steppes regenerated on huge tracts of fallow land. Presently, new, restorative steppe land management schemes are applied. On top of all these changes come strong effects of climate change in the northern part of the steppe zone. This book gives an up-to-date overview of changes in ecology, climate and use of the entire Eurasian steppe area and their effects on livelihoods of steppe people. It integrates knowledge that so far was available only in a spectrum of locally used languages.

In this book, Liz James offers a comprehensive history of wall mosaics produced in the European and Islamic middle ages. Taking into account a wide range of issues, including style and iconography, technique and material, and function and patronage, she examines mosaics within their historical context. She asks why the mosaic was such a popular medium and considers how mosaics work as historical 'documents' that tell us about attitudes and beliefs in the medieval world. The book is divided into two parts. Part I explores the technical aspects of mosaics, including glass production, labour and materials, and costs. In Part II, James provides a chronological history of mosaics, charting the low and high points of mosaic art up until its abrupt end in the late middle ages. Written in a clear and engaging style, her book will serve as an essential resource for scholars and students of medieval mosaics.

This meticulously researched compendium provides every aspect of growing, identifying, harvesting, preserving, and using more than 500 species of herbs. Thorough profiles provide a plant's botanical name and family, whether it is an annual or perennial, its height, hardiness, light requirements, water consumption, required soil type, and pH. The often fascinating history of the plant, the chemistry of its essential oils, and its culinary, landscape, and craft uses are also included, as is advice on how to propagate. For the first edition of their work, both authors received The Gertrude B. Foster Award for Excellence in Herbal Literature from the Herb Society of America. This new edition adds important species and includes updated nomenclature.

The Lived Ancient Religion project has radically changed perspectives on ancient religions and their supposedly personal or public character. This volume applies and further develops these methodological tools, new perspectives and new questions. The religious transformations of the Roman Imperial period appear in new light and more nuances by comparative confrontation and the integration of many disciplines. The contributions are written by specialists from a variety of disciplinary contexts (Jewish Studies, Theology, Classics, Early Christian Studies) dealing with the history of religion of the Mediterranean, West-Asian, and European area from the (late) Hellenistic period to the (early) Middle Ages and shaped by their intensive exchange. From the point of view of their respective fields of research, the contributors engage with discourses on agency, embodiment, appropriation and experience. They present innovative research in four fields also of theoretical debate, which are "Experiencing the Religious", "Switching the Code", "A Thing Called Body" and "Commemorating the Moment".

Since the first edition was published in 1992, Nick Robinson's *The Planting Design Handbook* has been widely used as a definitive text on landscape architecture courses throughout the world. It remains one of the few titles written by a practicing landscape architect and educator who is also a horticulturalist and accomplished plantsman, and which deals with the application of planting design on a large scale in landscape architecture and urban design projects. *The Planting Design Handbook* is distinctive for its elegant integration of an ecological approach with an understanding of visual and spatial composition. It emphasizes the role of vegetation layers and designed plant communities in complex and diverse plant assemblages for all kinds of sites and uses. This expanded and comprehensively updated third edition still provides a complete examination of principles and practice of design for public, institutional and private landscapes. It takes account of developments in theory and practice, especially in the use of perennials, and reflects a variety of media and approaches current in landscape architecture and design. All chapters have been revised and re-written to ensure updated references and new references have been added. Many new photographs of planting and projects around the world have been included, with examples of current professional drawings to illustrate the design process. It is generously illustrated, including a colour section and the beautifully detailed line drawings of the Chinese architect and painter Jia-Hua Wu.

A multidisciplinary index covering the journal literature of the arts and humanities. It fully covers 1,144 of the world's leading arts and humanities journals, and it indexes individually selected, relevant items from over 6,800 major science and social science journals.

The question of 'identity' arises for any individual or ethnic group when they come into contact with a stranger or another people. Such contact results in the self-conscious identification of ways of life, customs, traditions, and other forms of society as one's own specific cultural features and the construction of others as characteristic of peoples from more or less distant lands, described as very 'different'. Since all societies are structured by the division between the sexes in every field of public and private activity, the modern concept of 'gender' is a key comparator to be considered when investigating how the concepts of identity and ethnicity are articulated in the evaluation of the norms and values of other cultures. The object of this book is to analyze, at the beginning Western culture, various examples of the ways the Greeks and Romans deployed these three parameters in the definition of their identity, both cultural and gendered, by reference to their neighbours and foreign nations at different times in their history. This study also aims to enrich contemporary debates by showing that we have yet to learn from the ancients' discussions of social and cultural issues that are still relevant today.

This book looks at secular urban space in the Mediterranean city, A.D. 284-650, focusing on places where people from different religious and social groups were obliged to mingle. It looks at streets, processions, fora/ agorai, market buildings, and shops.

This study of ancient Roman shipping and trade across continents reveals the Roman Empire's far-reaching impact in the ancient world. In ancient times, large fleets of Roman merchant ships set sail from Egypt on voyages across the Indian Ocean. They sailed from Roman ports on the Red Sea to distant kingdoms on the east coast of Africa and southern Arabia. Many continued their voyages across the ocean to trade with the rich kingdoms of ancient India. Along these routes, the Roman Empire traded bullion for

valuable goods, including exotic African products, Arabian incense, and eastern spices. This book examines Roman commerce with Indian kingdoms from the Indus region to the Tamil lands. It investigates contacts between the Roman Empire and powerful African kingdoms, including the Nilotic regime that ruled Meroe and the rising Axumite Realm. Further chapters explore Roman dealings with the Arab kingdoms of southern Arabia, including the Saba-Himyarites and the Hadramaut Regime, which sent caravans along the incense trail to the ancient rock-carved city of Petra. The first book to bring these subjects together in a single comprehensive study, *The Roman Empire and the Indian Ocean* reveals Rome's impact on the ancient world and explains how international trade funded the legions that maintained imperial rule.

During the era of Jewish mass migration from Eastern Europe (from the 1880s until the First World War), Switzerland played an important role in absorbing immigrants. Though located at the periphery of the main migration routes, the federal state with its liberal policies on foreigners became a key destination for students, revolutionaries, and travelers. The micro-studies and more general papers of this volume approach the topic in its transnational, local, linguistic, gendered, and ideological dimensions and from various disciplinary angles. They interweave and facilitate a novel take on the transitory spatial history and the Lebenswelt of East European Jews in Switzerland. Topics of this volume range— among others— from the location of Switzerland on the map of East European Jewish politics (Bundism, Socialism, Yiddishism, Zionism), conflicting performative cultures of Jewish and Russian revolutionaries, the Swiss Lehr- and Wanderjahre of the Jewish public intellectual Meir Wiener, the impact of Geneva on the Zionist Hebrew writer Ben Ami, the Russian-Jewish students' colonies in Berne and Zurich and questions of individuals' integration and acculturation.

Tacitus, *Annals*, 15.20–23, 33–45 Latin Text, Study Aids with Vocabulary, and Commentary Open Book Publishers

Etymology of Chemical Names gives an overview of the development of the current chemical nomenclature, tracing its sources and changing rules as chemistry progressed over the years. This book is devoted to provide a coherent picture how the trivial and systematic names shall be used and how the current IUPAC rules help to reconcile the conflicting demands.

Covers every aspect of knowledge--scientific, intellectual, and historical--from the beginning of the human experience into the twenty-first century and beyond

The papers in this volume derive from the proceedings of the nineteenth International Bronze Congress, held at the Getty Center and Villa in October 2015 in connection with the exhibition *Power and Pathos: Bronze Sculpture of the Hellenistic World*. The study of large-scale ancient bronzes has long focused on aspects of technology and production. Analytical work of materials, processes, and techniques has significantly enriched our understanding of the medium. Most recently, the restoration history of bronzes has established itself as a distinct area of investigation. How does this scholarship bear on the understanding of bronzes within the wider history of ancient art? How do these technical data relate to our ideas of styles and development? How has the material itself affected ancient and modern perceptions of form, value, and status of works of art?

www.getty.edu/publications/artistryinbronze

H. G. Wells wasn't the only nineteenth-century writer to dream of a time machine. The Spanish playwright Enrique Gaspar published *El anacronópete*—"He who flies against time"—eight years before Wells's influential work appeared. The novel begins at the 1878 Paris Exposition, where Dr. Don Sindulfo unveils his new invention—which looks like a giant sailing vessel. Soon the doctor embarks on a voyage back in time, accompanied by a motley crew of French prostitutes and Spanish soldiers. The purpose of his expedition is to track down the imprisoned wife of a third-century Chinese emperor, believed to possess the secret to immortality. A classic tale of obsession, high adventure, and star-crossed love, *The Time Ship* includes intricately drawn illustrations from the original 1887 edition, and a critical introduction that argues persuasively for *The Time Ship's* historical importance to science fiction and world literature.

What significations did Egypt have for the Romans a century after Actium and afterwards? How did Greek imperial authors respond to the Roman fascination with the Nile? This book explores Egypt's aftermath beyond the hostility of Augustan rhetoric, and Greek and Roman topoi of Egyptian "barbarism". Set against history and material culture, Julio-Claudian, Flavian, Antonine, and Severan authors reveal a multivalent Egypt that defines Rome's increasingly diffuse identity while remaining a tantalizing tertium quid between Roman Selfhood and foreign Otherness.

In this book, world-renowned experts in the field express well-reasoned opinions on a range of issues and controversies relating to haploidentical transplantation with the aim of providing practicing hematologists with clinically relevant and readily applicable information. Among the areas covered are graft manipulation and methods to control T-cell alloreactivity, the nature of the ideal graft and donor, haploidentical transplantation in pediatric and adult patients with malignant and nonmalignant diseases, immunologic reconstitution following transplantation, complications, and the prevention and treatment of relapse post transplantation. Attention is drawn to the implications of high-impact clinical trials whenever such trials are available. The readily intelligible text is complemented by numerous helpful tables, algorithms, and figures. The book will provide practical support for hematologists and transplant physicians as they attempt to provide optimal care in this exciting but increasingly complex medical specialty.

Moving away from the strong body of critique of pervasive "bad data" practices by both governments and private actors in the globalized digital economy, this book aims to paint an alternative, more optimistic but still pragmatic picture of the datafied future. The authors examine and propose "good data" practices, values and principles from an interdisciplinary, international perspective. From ideas of data sovereignty and justice, to manifestos for change and calls for activism, this collection opens a multifaceted conversation on the kinds of futures we want to see, and presents concrete steps on how we can start realizing good data in practice.

This volume constitutes the selected papers of the 5th International Conference on Metadata and Semantic Research, MTSR 2011, held in Izmir, Turkey, in October 2011. The 36 full papers presented together with 16 short papers and project reports were carefully reviewed and selected from 118 submissions. The papers are organized in topical sections on Tracks on Metadata and Semantics for Open Access Repositories and Infrastructures, Metadata and Semantics for Learning Infrastructures, Metadata and Semantics for Cultural Collections and Applications, Metadata and Semantics for Agriculture, Food and Environment.

Twelve Years a Slave (1853) is a memoir and slave narrative by Solomon Northup, as told to and edited by David Wilson. Northup, a black man who was born free in New York, details his kidnapping in Washington, D.C. and subsequent sale into slavery. After having been kept in bondage for 12 years in Louisiana by various masters, Northup was able to write to friends and family in New York, who were in turn able to secure his release. Northup's account provides extensive details on the slave markets in Washington, D.C. and New Orleans and describes at length cotton and sugar cultivation on major plantations in Louisiana.

The collection of Barbara and Lawrence Fleischman of New York is one of the most important private collections of ancient Greek and Roman art in the United States and among the most important in the world. Composed of approximately three hundred objects from the Bronze Age to the Late Antique, it includes bronze statuettes, marble sculpture, vases, jewelry, lamps and candelabra, keys, weights, and silver bowls and utensils. The Fleischmans have a particular fascination with pieces associated with everyday life in antiquity, since these objects evoke a human connection to the past. They are also drawn to pieces that exemplify the human propensity to transform a functional object into a thing of beauty. Not only has their emotional response to an object's aesthetic appeal or its historical significance guided them in their forty years of collecting, personal interests have been at work as well. The large number of pieces related to the theater or representing theatrical subjects reflects Barbara Fleischman's lifelong love of that art. *A Passion for Antiquities* contains photographs and extensive catalogue entries on the objects included in the exhibition at the J. Paul Getty Museum and the Cleveland Museum of Art. Eighteen contributors provide art historical and descriptive information about each piece. The objects not selected for the exhibition are detailed in a checklist that specifies their origins, dates, media, and sizes. This book is the first major reference on the entire collection, since most of the objects have never before been publicly shown. To facilitate finding specific objects or groups of objects, the book is organized first chronologically and then by medium. Bibliographic sources for each entry cite both publications where the specific work is discussed as well as references to related scholarship. Karol Wight provides a chronological overview of the collection, and Oliver Taplin relates selected pieces to the development of Greek theater. The exhibition of Barbara and Lawrence Fleischman's collection and this catalogue allow us to enter into their minds and emotions so that, for a time, we can share their passion for antiquities.

Inscribing Faith in Late Antiquity considers the Greek and Latin texts inscribed in churches and chapels in the late antique Mediterranean (c. 300–800 CE), compares them to similar texts from pagan, Jewish, and Muslim spaces of worship, and explores how they functioned both textually and visually. These texts not only recorded the names and prayers of the faithful, but were powerful verbal and visual statements of cultural values and religious beliefs, conveying meaning through their words as well as through their appearances. In fact, the two were intimately connected. All of these texts – Christian, Jewish, Muslim, and pagan – acted visually, embracing their own materiality as mosaic, paint, or carved stone. Colourful and artfully arranged, the inscriptions framed human relationships with the divine, encouraged responses from readers, and made prayers material. In the first in-depth examination of the inscriptions as words and as images, the author reimagines the range of aesthetic, cultural, and religious experiences that were possible in spaces of worship. *Inscribing Faith in Late Antiquity* is essential reading for those interested in Roman, late antique, and Byzantine material and visual culture, inscriptions and other texts, and religious life in the ancient Mediterranean.

Presents a multifaceted model of understanding, which is based on the premise that people can demonstrate understanding in a variety of ways.

A comprehensive treatment of the significant symbols and institutions of Roman religion, this companion places the various religious symbols, discourses, and practices, including Judaism and Christianity, into a larger framework to reveal the sprawling landscape of the Roman religion. An innovative introduction to Roman religion Approaches the field with a focus on the human-figures instead of the gods Analyzes religious changes from the eighth century BC to the fourth century AD Offers the first history of religious motifs on coins and household/everyday utensils Presents Roman religion within its cultural, social, and historical contexts

Fusion energy offers the prospect of addressing the nation's energy needs and contributing to the transition to a low-carbon emission electrical generation infrastructure. Technology and research results from U.S. investments in the major fusion burning plasma experiment known as ITER, coupled with a strong foundation of research funded by the Department of Energy (DOE), position the United States to begin planning for its first fusion pilot plant. Strong interest from the private sector is an additional motivating factor, as the process of decarbonizing and modernizing the nation's electric infrastructure accelerates and companies seek to lead the way. At the request of DOE, *Bringing Fusion to the U.S.* Grid builds upon the work of the 2019 report *Final Report of the Committee on a Strategic Plan for U.S. Burning Plasma Research* to identify the key goals and innovations - independent of confinement concept - that are needed to support the development of a U.S. fusion pilot plant that can serve as a model for producing electricity at the lowest possible capital cost.

While scholars have often found value in comparing *Wisdom and Romans*, a comparison of the use of personification in these works has not yet been made, despite the striking parallels between them. Furthermore, while scholars have studied many of these personifications in detail, no one has investigated an individual personification with respect to the general use of the trope in the work. Instead, most of this research focuses on a personification in relation to its nature as either a rhetorical device or a supernatural power. The *?'Powers' of Personification* seeks to push beyond this debate by evaluating the evidence in a different light – that of its purpose within the overall use of personification in the respective work and in comparison with another piece of contemporaneous theological literature.

A comprehensive overview of ancient ambers, the only such book in English, is now revised. First published in 2012, this catalogue presents fifty-six Etruscan, Greek, and Italic carved ambers from the Getty Museum's collection—the second largest body of this material in the United States and one of the most important in the world. The ambers date from about 650 to 300 BC. The catalogue offers full description of the pieces, including typology, style, chronology, condition, and iconography. Each piece is illustrated. The catalogue is preceded by a general introduction to ancient amber (which was also published in

2012 as a stand-alone print volume titled *Amber and the Ancient World*). Through exquisite visual examples and vivid classical texts, this book examines the myths and legends woven around amber—its employment in magic and medicine, its transport and carving, and its incorporation into jewelry, amulets, and other objects of prestige. This publication highlights a group of remarkable amber carvings at the J. Paul Getty Museum.

A typical entry provides the plant's botanical name and family, whether it is an annual or perennial, and its height, hardiness, light requirements, water consumption, and required soil type and pH. The plant's name in various languages is included, as is a history of the plant, its chemistry, how to propagate the plant, and its culinary and landscape uses. A botanical key is given to identify the plant, and its description includes its country of origin and various data on the plants, leaves, flowers, fruits, and seeds.

e emperor Nero is etched into the Western imagination as one of ancient Rome's most infamous villains, and Tacitus' *Annals* have played a central role in shaping the mainstream historiographical understanding of this flamboyant autocrat. This section of the text plunges us straight into the moral cesspool that Rome had apparently become in the later years of Nero's reign, chronicling the emperor's fledgling stage career including his plans for a grand tour of Greece; his participation in a city-wide orgy climaxing in his publicly consummated 'marriage' to his toy boy Pythagoras; the great fire of AD 64, during which large parts of central Rome went up in flames; and the rising of Nero's 'grotesque' new palace, the so-called 'Golden House', from the ashes of the city. This building project stoked the rumours that the emperor himself was behind the conflagration, and Tacitus goes on to present us with Nero's gruesome efforts to quell these mutterings by scapegoating and executing members of an unpopular new cult then starting to spread through the Roman empire: Christianity. All this contrasts starkly with four chapters focusing on one of Nero's most principled opponents, the Stoic senator Thrasea Paetus, an audacious figure of moral fibre, who courageously refuses to bend to the forces of imperial corruption and hypocrisy. This course book offers a portion of the original Latin text, study aids with vocabulary, and a commentary. Designed to stretch and stimulate readers, Owen's and Gildenhard's incisive commentary will be of particular interest to students of Latin at both A2 and undergraduate level. It extends beyond detailed linguistic analysis and historical background to encourage critical engagement with Tacitus' prose and discussion of the most recent scholarly thought.

Whether you're an armchair tourist, are visiting Rome for the first time, or are a veteran of the city's charms, travelers of all ages and stages will benefit from this fascinating guidebook to Rome's ancient city. Aicher's commentary orients the visitor to each site's ancient significance. Photographs, maps, and floorplans abound, all making this a one-of-a-kind guide. A separate volume of sources in Greek and Latin is available for scholars who want access to the original texts.

Originating in India, the Gypsies arrived in Europe around the 14th century, spreading not only across the entirety of the continent but also immigrating to the Americas. The first Gypsy migration included farmworkers, blacksmiths, and mercenary soldiers, as well as musicians, fortune-tellers, and entertainers. At first, they were generally welcome as an interesting diversion to the dull routine of that period. Soon, however, they attracted the antagonism of the governing powers, as they have continually done throughout the following centuries. The second edition of the *Historical Dictionary of the Gypsies (Romanies)* seeks to end such prejudice by clarifying the facts about this nomadic people. Through a list of acronyms, a chronology, an introductory essay, a bibliography, and hundreds of cross-referenced dictionary entries on significant persons, places, events, institutions, and aspects of culture, society, economy, and politics, the history of the Gypsies and their culture is told.

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