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0521483131 - The Cambridge Dictionary of Classical Civilization

Edited by Graham Shipley, John Vanderspoel, David Mattingly and Lin Foxhall

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The Cambridge Dictionary of
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Editors' preface

The present volume has its origin in a suggestion by our first CUP editor, Caroline Bundy, in 1993. In planning the work over the following months, we identified a need for an encyclopedia of antiquity that combined the maturity and depth of classical subjects – some of the oldest university disciplines in the West – with new approaches emphasizing social issues in the ancient world, as well as new sources of information such as archaeology. We, with our 166 expert contributors from a dozen countries, have attempted to produce a volume that is not only authoritative but also accessible and attractive to the widest possible range of users. We have used illustrations, tables and sometimes boxes to explain and exemplify points made in the entries. To enable readers to pursue their interest beyond this volume, we have provided most entries with a short bibliography (usually in English). We intend this book to attract non-specialists into deepening their knowledge of classical antiquity. We hope it will help readers appreciate the fascination of the ancient world, enriching their understanding of how its richly varied cultures and institutions related to one another.

This book is about classical civilization in its broadest sense. The chronological core ranges from the mid-8th century BC to the end of the 5th century AD, covering the period from the beginnings of the Greek city-states through to the hellenistic world, the Roman empire, and the transformation into the later Roman world and Byzantium. The bulk of the material, deliberately, is drawn from the heyday of the classical Greek city-state, the Roman Republic and the Roman imperial period. But we have widened our remit to set this 'classical' world, spatially and temporally, in its – and our – cultural contexts. We have tried to do justice to civilizations beyond the Mediterranean world with which classical cultures were in contact (e.g. China, India, Persia), and to non-Greco-Roman cultures within the ambit of classical civilization (e.g. Africans, Celts, Ethiopia, Garamantes, Jews, Phoenicians, Scythians).

With about 1,630 main entries (including about 100 that represent a Greek and Roman pair), the present volume is somewhat smaller than another authoritative classical encyclopedia, the *Oxford Classical Dictionary*, to which we acknowledge our immense debt as editors and as scholars. We do not aim to compete with it in the number of entries and depth of scholarly detail, but we believe our volume breaks new ground in accessibility, and in the amount of space devoted to social, economic and cultural features of Greek and Roman society. While attempting to give full coverage, as far as space allowed, to literature, philosophy and conventional military–political aspects (e.g. through entries on particular events and people), we have consciously tried to emphasize defining features (both general and particular) of ancient economies, geography, religion, science and technology. Entries on theory and method (e.g. critical theory, ethnoarchaeology, textual criticism) stand alongside thematic discussions of the environment (including animals and plants), and general features of societies (e.g. assemblies, bestiality, civil strife, diplomacy, disability, fraternity, legacies, matriarchy). We have been more selective in commissioning entries on men than of women, who are under-represented in the ancient evidence. The reader will find a classified list of headwords near the start of the volume, together with a list of headwords in this encyclopedia that do not appear in the *Oxford Classical Dictionary*.

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More significant still, we believe, is our policy of stressing the classical heritage of modern societies. 'Heritage' has two senses. The first is that of the pathways along which classical learning has come down to us (see the entries on e.g. Elgin, Islamic scholarship, Renaissance). The second, and more important, is the emphasis on similarities and differences between ancient and modern ways of doing things, and the innumerable things in modern life that we owe to Greece and Rome.

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Acknowledgements

The editors' greatest debt is to Caroline Bundy, who has combined the patience of Job with the determination of Sisyphos throughout the long gestation of this project. We thank her for nurturing the book, and for her gracious responses to our sometimes ill-informed queries and suggestions. Her classical colleague Pauline Hire made many helpful suggestions. Pauline's successor at Cambridge University Press, Dr Michael Sharp, his assistant, Sinéad Moloney, and our project controller, Alison Powell, have given timely and constructive aid in the later stages of production. Our copy-editor, Nancy-Jane Rucker, made substantial improvements to the internal consistency and appearance of the book.

To Dr Samantha Burke, our research assistant for four years, we express our deepest gratitude for her painstaking and accurate work in maintaining both hard-copy records and a headword database that at times approached 2,000 items. We had not sufficiently appreciated the complexity of attempting to commission entries from large numbers of authors, which required complex records of the stage negotiations had reached with each one, and of their progress. Samantha set very high standards, which we hope we have lived up to.

Additional thanks are due to Debbie Miles-Williams for help with illustrations; to Dr Mark Monaghan and Alun Salt for assistance with the database at crucial stages; and to our respective departments and colleagues at Calgary and Leicester for providing supportive environments in which to work.

Our nine-member editorial board has been ready with helpful advice at key stages, such as when we were devising headword lists in subject areas outside our core competencies. We thank particularly Helene Foley, David Sedley and Roger Wilson, who read final drafts of several hundred entries at short notice.

To those contributors who signed up early, we apologize for the delay in bringing the volume to a satisfactory conclusion, and we were especially saddened to learn of the deaths of Tim Potter and Michael Jameson, who will not be able to see the publication of their work. To all our contributors, who are responsible for 85 per cent of the text, we extend thanks for their excellent and often timely submissions and their readiness to respond positively to suggestions. To allow them to map their own territory and speak in their own voices, we have not resolved all instances of repetition or differences of opinion. We are grateful to those authors who agreed to write entries at a late stage, to fill gaps in our coverage.

All four editors have collective responsibility for the volume, and each of us has been glad of the scrutiny and suggestions offered by the others. In the later stages, David Mattingly and Lin Foxhall took the lead in assembling the illustrations, while Graham Shipley and John Vanderspoel focused on commissioning and editing the 740,000-word text. The three original editors would like to offer special thanks to John, whom we welcomed to the team during his visiting professorship at Leicester in 2002 and who shouldered a large proportion of the work in the final two years.

September 2004

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How to use this book

Finding related and additional information

Various tools are provided to enable readers to use this book most effectively.

To allow readers to see at a glance the overall coverage, and look for entries on related topics, a **classified list of headwords** (pp. xxi–xxx) lists all the main entries, selectively brought together under broad headings.

Most entries include **cross-references** to other entries. These are indicated by text in SMALL CAPITALS. We have given them selectively, where we believe readers will find relevant information in the entry referred to. The words in small capitals may not be exactly in the same form as the relevant headword, but should enable the reader to locate the relevant entry: e.g. under ACADEMY the cross-reference SCEPTICAL is intended to guide the reader to SCEPTICISM, RELIGIOUS (where there is a further cross-reference to SCEPTICS). Sometimes an additional list of cross-references follows the end of the entry. Most often, pairs of entries have been brought under a single headword, with the Greek and Roman portions distinguished by the Athenian owl () and the Roman arch (). The additional cross-references sometimes appear at the end of each segment, sometimes at the end of the full entry. On some occasions, cross-references of all types, whether in an entry, at the end of an entry, in the List of Technical Terms, or following the additional headwords (see below), refer to the Greek or Roman portion of a paired entry, but the form of the cross-reference may be confusing initially. For example, a phrase such as ‘in the Roman economy’ may appear in the text as ‘in the ROMAN ECONOMY’ or ‘in the ROMAN ECONOMY’, but the cross-reference in either case is to the Roman portion of the entry on ‘ECONOMY’. There is no entry under ‘Roman economy, nor ‘economy, Roman’ in the alphabetical sequence of headwords. For a name like ‘SEPTIMIUS SEVERUS’, readers may need to look under both names to find the correct entry: in this case, the entry is ‘SEVERUS, SEPTIMIUS’, but the ‘the consul JULIUS CAESAR’ is a cross-reference to ‘JULIUS CAESAR’. Readers will also find phrases such as ‘the EPIC POET HOMER’ or ‘AGRICULTURAL EMPLOYMENT’. There is no entry ‘epic poet Homer’ or ‘agricultural employment’; rather, the cross-references are to separate entries, ‘EPIC’, ‘POET’ and ‘HOMER’, and similarly, ‘AGRICULTURE’ and ‘EMPLOYMENT’. After some experience with this volume, readers will be able to interpret the different forms of cross-references with relative ease. Many entries also direct readers to additional illustrative material. These cross-references, usually placed at the ends of entries (at the very end of a paired entry), are preceded by an ‘eye’ symbol () and refer to maps, family trees, tables and illustrations elsewhere in the volume. On occasion, readers will need to turn a page to find relevant illustrations; most often this is noted at the end of the entry in question.

Most entries are accompanied by a short **bibliography** of translated ancient sources and/or modern literature. We have consciously selected works in English, bearing in mind the probable readership of this volume, but have occasionally cited works in other languages (French, German, Italian) where no English work seemed adequate. (In the bibliographies, editions of volumes of *Inscriptiones Graecae* are distinguished by the conventional

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superscript numerals: thus *IG II² = Inscriptiones Graecae*, vol. 2, 2nd edn. For all other works, the edition number is not generally given, and the date given is usually that of the most recent edition. Titles of modern works are sometimes abbreviated, and subtitles generally omitted.)

In addition to the main entries, we have added several hundred headwords that direct readers to locations where they may discover relevant material. Some of these represent alternate spellings, especially when the headword for the main entry appears in a form closer to the Greek spelling, but one that may be unfamiliar to some readers (e.g. ΒΟΕΩΤΙΑ directs readers to ΒΟΙΩΤΙΑ). Others refer to entries that address topics where space limitations precluded full treatment (e.g. DIVINATION); because this latter group of headwords depends entirely on the content of the main entries, the number of cross-references and the level of coverage inevitably varies from topic to topic.

Finally, the **List of technical terms** located later in the preliminary material (pp. xxxv–lxii) gives selected Greek and Latin words, with cross-references to entries in the main text where further information or brief explanations may be found. Inclusion of specific terms again depends on the content of the main entries.

Dates and periods

We have retained the abbreviations BC and AD only because they are still current in most anglophone scholarship. We do not mean to enforce a hegemony of christianized cultures over others, but considered that other abbreviations, such as BCE and CE, would be unfamiliar to many readers. We hope that readers with a different view will not be inconvenienced.

In this book, period terms are generally used in the following senses:

Greece and eastern Mediterranean

'Dark Age(s)'	1100–900 BC
Geometric	c.900–c.700 BC
archaic	c.700–c.500 or 480 BC
classical	for historical events, 480–323 BC; archaeologically c.500 (or 480)–c.300 BC. Also used generally for the period of ancient Greco-Roman antiquity.
hellenistic	historically 323–30 BC; archaeologically the last three centuries BC
Roman (or imperial)	historically 30 BC to c. AD 300; archaeologically the first three centuries AD
late Roman or early Byzantine	c. AD 300–c.600

Rome and Italy

regal period	c.753–510 BC
Republic	510–31 BC
principate or imperial	31 BC–AD 284
late Roman	AD 284–565

Further information about standard period names, etc., will be found in the entry on CHRONOLOGY.

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How to use this book

Quantities

Distances, dimensions, capacities and weights are usually in metric units, with UK equivalents in parentheses. Gallons are, as always indicated, UK gallons (1 US gallon = 0.83 UK gallons). Tonnes (metric tons) are assumed to be equal to avoirdupois tons, and are not converted (1 ton = 2,200 lb = 0.984 tonnes).

Transliteration of ancient names and Greek words

Where there is a modern English form of an ancient name that is different from the ancient name, it is generally used if it is likely to be familiar to readers (e.g. Aeneas, Aeschylus, Ajax, Athens, Carthage, Corinth, Cyrus, Porphyrogenitus, Rome, Thucydides, Virgil). We have, however, modified some of these to bring them closer to Greek originals (e.g. Achaia, Aitolia, Antiochos, Lakedaimon, Perikles, Peisistratos, Seleukos).

Where there is no such familiar form of a Greek name, it is given in a Greek-like form (e.g. Keos rather than Ceos). Where a Greek name occurs in a Roman context, however, it sometimes retains a latinized form.

Both ancient and modern forms are usually given. Where they differ markedly, particularly in the first few letters, there is usually a headword for each form (one being a cross-reference only). Many illustrations were originally published when it was not standard procedure to transliterate Greek names into Greek-like forms. Consequently, some place-names will appear differently in figures than they do in the text of this book. The alternate forms included among the headwords will assist readers in these instances as well.

In transliterating Greek common nouns – but usually not names – *ê* and *ô* represent the Greek vowels eta (long *e*) and omega (long *o*) respectively.

A diaeresis (·) over the second of two or more adjacent vowels indicates that the preceding vowel is pronounced separately (e.g. Arsinoë, Boëthius, *poiëô*, Soloëis – the last two words each have three syllables).

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Classified list of headwords

Most headwords appear only once. Readers are advised to search in several sections, as many headwords are relevant to a number of headings.

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Gallienus
Gordian III
Gracchi
Hadrian
Honorius
Hostilius, Tullus
Julian
Julius Caesar
Justinian
Lars Porsenna
Licinius
Maecenas
Marcellus
Marcus Aurelius
Marius
Maximian
Maximinus Thrax
Nero
Numa

Otho
Pescennius Niger
Philip the Arab
Pompey
Pontius Pilate
Scipio Aemilianus
Scipio Africanus
Sejanus
Sertorius
Servius Tullius
Severus, Alexander
Severus, Septimius
Stilicho
Sulla
Tarquinius Priscus
Tarquinius Superbus
Tetrarchs
Theodosius I
Tiberius
Titus
Trajan
Valentinian I
Valerian
Verres
Vespasian

MEN, OTHER

Alaric
Artaxerxes I, II, III
Bar Kochba
Barcids
Cunobelinus
Cyrus I ('the Great')
Cyrus the Younger
Darius I
Datames
Hannibal
Herod the Great
Jugurtha
Maccabees, revolt of
Masinissa
Mausolus
Mithradates
Shapur I
Spartacus
Theoderic
Vercingetorix
Viriathus
Xerxes

WOMEN, GREEK

Arsinoë II Philadelphos
Aspasia
Berenike I
Cleopatra
Corinna
Diotima
Erinna
Eurydike (1), (2), (3)

Hipparchia
Neaira
Oinante
Olympias
Sappho
Stratonike

WOMEN, ROMAN

Aemilia Pudentilla
Agrippinae, the
Clodia
Cornelia
Egeria
Eumachia
Faustina
Galla Placidia
Helena (empress)
Hypatia
Julia
Julia Domna
Julia Mamaea
Livia
Lucilla
Melania, Elder and Younger
Messalina
Monica
Perpetua
Plancia Magna
Poppaea Sabina
Proba
Pulcheria
Sulpicia Lepidina
Tullia
Verginia

WOMEN, OTHER

Boudica
Cartimandua
Zenobia

Science and technology

MEDICINE (*SEE ALSO*
'LITERATURE: TECHNICAL
WRITING')

contraception
disease
doctors
drugs
epidemics
health
hygiene
illness
insomnia
madness
mental illness
medicine
pregnancy and childbirth

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Headwords

SCIENCE, MEASUREMENT

alchemy
 astrology
 astronomy
 calendars
 chronology
 colour
 counting
 energy
 experiments and experimentation
 geography, ancient
 mathematicians
 mathematics
 measurement
 mechanics
 moon
 natural history
 numeracy
 Parian Marble
 physics
 science
 sound and acoustics
 sun
 sundials
 time
 time-keeping
 weights and measures
 zodiac

 SUBSTANCES, PRODUCTS,
 COMMODITIES (SEE ALSO
 'ENVIRONMENT: FOOD AND
 FOODSTUFFS')

alum
 amber
 bone
 books
 carpentry
 catapults
 charcoal
 chariots
 concrete
 copper
 copper alloys
 coral
 dyes and dyeing
 electrum
 fastening
 fire
 flint and chert
 footwear
 fuel
 fur
 furniture
 gems and gem-cutting
 glass and glass-making
 glues
 gold
 iron
 ivory
 lead

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leather and leatherworking

lime
 locks
 manure
 marble
 mummies
 nails
 obsidian
 oils
 ores
 papyrus
 perfume
 petroleum products
 pewter
 pigments
 plaster and plastering
 poisons
 pottery
 purple
 resin
 rope
 screws
 shell
 silk
 silver
 soap
 stone
 string
 stucco
 sulphur
 textiles
 tiles
 timber
 tin

TECHNOLOGIES

agrimensores
 architects
 brick and tile making
 canals
 carpentry
 chemistry
 communications
 dentists and dentistry
 engineering
 fire-fighting
 fulling
 heating
 inventions
 knitting
 land surveying
 lighting
 lime-kilns
 machines
 metallurgy
 mills and milling
 mines
 mining
 navigation
 pests and pest control
 plumbing

presses
 quarries and quarrying
 roads
 roofs and roofing materials
 sanitation
 scientific instruments
 ships and shipbuilding
 spinning
 storage
 technology
 tools
 transport
 waste disposal
 water supply
 waterproofing
 weather forecasting
 weaving
 wheeled vehicles

Social relations

FAMILY, SEX, GENDER

age organization
 bestiality
 divorce
 family
 femininity
 gender
 fraternity
 friendship
 homosexuality
 households
 incest
 kinship
 marriage
 masculinity
 matriarchy
 pornography
 rape
 sex
 sexuality
 virginity

 PERSONAL LIFE (SEE ALSO
 'SCIENCE AND TECHNOLOGY:
 MEDICINE')

body, the
chiton
 cosmetics
 dance
 death
 disability
 dress
 drugs and drug addiction
 etiquette
 fashion
 hair and hairstyling
 honour
 identity
 immorality

jewellery	leisure	freedmen and freedwomen
love	meals	gladiators
nudity	music	gourmets
old age	names and naming	helots
shoes	Olympic games	heralds
suicide	patronage	masons
toga	scandals	men
veiling	schools	metics
worry	shops and shopping	midwives
	sport	musicians
	swimming	nomads
	<i>symposia</i>	nurses and nursing
	tourism	patricians
	toys	peasants
	violence	pirates and piracy
	washing	plebeians
		poets
		prostitutes and prostitution
		<i>publicani</i>
		pygmies
		queens
		race
		refugees
		sailors
		shepherds
		singers
		slavery
		society
		Trimalchio
		wetnurses
		women

PRACTICES, INSTITUTIONS

alcohol and alcoholism
ball games
banditry
bathing
beds
board games and other games
chariot racing
child abuse
clubs
competition
cooking and cuisine
dining
games
education
funeral clubs
gambling
holidays
housework
hunting
inns

PROFESSIONS, STATUS GROUPS

actors and actresses
artists
athletes and athletics
bakers
barbarians
benefactors and benefaction
blacks
childhood
coloni and *colonate*
curial class and *curiales*
élites
equestrians
eunuchs

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Headwords not covered in the *Oxford Classical Dictionary*, 3rd edition

As a further aid to readers, we list headwords for which there is no direct equivalent in the 3rd edition of the *Oxford Classical Dictionary*. (Some of the material covered here appears under different headings in *OCD*.)

acculturation	board games and other games	dining
Adrianople, battle of	bone	disability
advertising	Boscotrecase	divisibility
Aemilia Pudentilla	bread	doctors
Afghanistan	brick and tile making	domes
Agathokles and Sosibios	bulls	donkeys and mules
Agiatis	burial	draught animals
agora, Athenian	butchery	drugs
<i>agrimensores</i>	Caesar (title)	drugs and drug addiction
Aigospotamoi, battle of	Capitoline triad	East Greece
<i>akropolis</i>	carpentry	electrum
Alalia	Catholicism	Elgin, Lord
alum	cattle	emotion
ambassadors and embassies	causes	emperors, Roman
Amon-Ra	celibacy	employment
ancestor worship	Cerveteri	encyclopedias
<i>Annales</i> school	charcoal	energy
Annobal Tapapius Rufus	cheese	engineering
antiquities and antiquarianism	child abuse	epidemics
<i>Antonine Itinerary</i>	<i>chitôn</i>	Erasmus
Antonine wall	chorus	Eteocretan
apartment buildings	church councils	ethics
<i>Apocrypha</i>	church, Christian	ethnoarchaeology
apocryphal gospels	Circus Maximus	etiquette
Ara Pietatis	city-states	Eumachia
architecture, modern	Cocidius	evil
Aristotelianism	collectors and collecting	excavation
Arretine ware	colonialism	exploration
Asterix	columns, monumental	fanaticism
Atlantic, the	comic strips	fashion
Attic stelai	commentators, textual	fastening
Augustine (2)	communications	fear
aviaries	concrete	femininity
Baal Hammon	consumer city	figurines, bronze
Baalbek	consumers and consumption	figurines, terracotta
bakers	copper	film
baking	coral	fire-fighting
banditry	core-periphery	fish sauces
Barbegal	Corippus	Fishbourne
Barcids	cosmology	fishponds
bathing	couches	Flavius Cerialis
battles	counting	flint and chert
beds	crime and criminals	flowers
beer	critical theory	food preservation
bestiality	culture	footwear
Bible	customs duties	forensic archaeology
bishops	Cyriac of Ancona	forests and forestry
blacks	debt-bondage	fraternity

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