The background of the cover is a photograph of an ancient Greek temple. Several large, weathered stone columns are visible, some standing and some partially broken. The columns are set against a clear blue sky. In the distance, there are rolling hills and mountains, some covered in green trees. The overall scene is bright and clear, suggesting a sunny day.

# ATLAS *of* CLASSICAL HISTORY

*Edited by*  
**RICHARD  
J.A. TALBERT**

**Also available as a printed book  
see title verso for ISBN details**

# ATLAS *of* CLASSICAL HISTORY

EDITED BY RICHARD  
J.A. TALBERT



London and New York

First published 1985  
by Croom Helm Ltd

*Routledge is an imprint of the Taylor & Francis Group*

This edition published in the Taylor & Francis e-Library, 2003.

© 1985 Richard J.A. Talbert and contributors

All rights reserved. No part of this book may be reprinted or reproduced or utilized in any form or by any electronic, mechanical, or other means, now known or hereafter invented, including photocopying and recording, or in any information storage or retrieval system, without permission in writing from the publishers.

British Library Cataloguing in Publication Data  
Atlas of classical history.

I. History, Ancient—Maps  
I. Talbert, Richard J.A.  
911.3 G3201.S2

ISBN 0-203-40535-8 Master e-book ISBN

ISBN 0-203-71359-1 (Adobe eReader Format)  
ISBN 0-415-03463-9 (pbk)

Library of Congress Cataloguing in Publication Data  
Also available

---

# CONTENTS

---

Preface	v	Northern Greece, Macedonia and Thrace	32
Contributors	vi	The Eastern Aegean and the Asia Minor	
Equivalent Measurements	vi	Hinterland	33
		Attica	34–5, 181
		Classical Athens	35–6, 181
		Roman Athens	35–6, 181
		Halicarnassus	36, 181
		Miletus	37, 181
		Priene	37, 181
		Greek Sicily	38–9, 181
		Syracuse	39, 181
		Akragas	40, 181
		Cyrene	40, 182
		Olympia	41, 182
		Greek Dialects <i>c.</i> 450 BC	42–3, 182
		The Athenian Empire	44–5, 182
		Peloponnesian War, 431–404 BC	46–8
		Pylos/Sphacteria	49, 182
		The Bosporan Realm and its	
		Neighbours	49–50, 182
		Trade in the Classical Greek World	51–3, 182
		The Ancient Explorers	54–5, 182
		Archaeological Sites of Greece	56–7, 182
		The Anabasis	58–9, 182
		Leuctra, 371 BC	59, 183
		The Second Athenian League	60–1, 183
		Chaeronea, 338 BC	61, 183
		The Growth of Macedonian	
		Power, 359–36 BC	62–3, 183
		Alexander’s Campaigns, 334–23 BC	64–6
		River Granicus, 334 BC	67, 183
		Issus, 333 BC	67, 183
		Tyre, 332 BC	68
		Gaugamela, 331 BC	68, 183
		River Hydaspes, 326 BC	69, 183
		Ai Khanum	69, 183–4
The Mediterranean World: Physical	1		
The Aegean in the Bronze Age	2–5, 179		
Troy	3, 179		
Knossos	3, 179		
Minoan Crete	4–5, 179		
Mycenae	5, 179		
Mycenaean Greece	4–6, 179		
Mainland Greece in the Homeric Poems	7–8, 179		
The Homeric World	8–9, 179		
Dark Age Greece	10–11, 179–80		
Late Geometric Greece	12, 179–80		
Greek Colonisation (Eighth to Sixth Centuries BC)	13–15, 180		
Archaic Greece	16–17, 180		
The Persian Empire <i>c.</i> 550–330 BC	18–20, 180		
Persepolis	21, 180		
Marathon, 490 BC	21–2, 180		
Persian Wars	22–3		
Thermopylae: Ephialtes’ Route	24, 180		
Artemisium, 480 BC	24, 180		
Salamis, 480 BC	25, 180		
Plataea, 479 BC	25, 181		
Delphi	26, 181		
Sparta	27, 181		
The Hellespont	27		
Greece: Physical	28		
The Peloponnese and Central Greece	29		
The Aegean World	30–1		

The Hellenistic Kingdoms	70–6	Caracalla	120–1, 185
General	75, 184	Rome in the Age of the Severi	120–3, 185
I Survey	70–1	The Environs of Imperial Rome	122, 184
II Greece and Western Asia Minor	72–3	Trade in the Roman World	124–7, 186
III Eastern Asia Minor and Syria	74	The Roman Empire in AD 60	127–9, 187
IV Ptolemaic Egypt	76	Roman Britain	130–2, 187
Pergamum	77, 184	Hadrian's Wall	132–4, 187
Delos	78, 184	Antonine Wall	132–4, 187
Major Cult Centres of the Classical		Silchester	135, 187
World	79–81, 184	Lutetia Parisiorum	135, 187
Major Cult Centres of the Aegean	80	Roman Gaul and the Alpine Region	136–7, 187
Major Cult Centres of Italy and Sicily	81	Germanias-Raetia-Noricum	138–9, 187
Alexandria	81, 184	The Rhine-Danube Limes from	
Etruria and Etruscan Expansion in		<i>c.</i> AD 40 to AD 259–60	140–1, 187
Northern Italy	82–3, 184	The Danubian Provinces/Balkan	
Early Italy	84–5, 184	Area <i>c.</i> AD 200	141–3, 187–8
Early Latium	86, 184	Iberian Peninsula	144–5, 188
The Languages of Italy Prior to the		Corsica and Sardinia	146–7, 188
Spread of Latin	87–8, 184	Roman Sicily	148–9, 188
Veii	88, 184	North African Provinces	150–2, 188
Cosa	89, 184	Africa Proconsularis	150, 188
Luna	89, 184	Imperial Estates in the R.Bagradas	
Republican Rome	90–1, 185	Valley	151, 188
Roman Expansion in Italy to 268 BC	92–3, 185	Timgad	153, 188
Roman Colonisation	94–5, 185	Lepcis Magna	153, 188
The Punic Wars	96–8, 185	African Limes	154–5, 188
Cannae, 216 BC	99, 185	Greek and Roman Crete	155–6, 188
Zama, 202 BC	99, 185	Roman Cyprus	156–7, 189
Carthage	100, 185	Bithynia and Asia <i>c.</i> AD 100	157–8, 189
Cynoscephalae, 197 BC	100–1, 185	Roman Asia Minor	159–61, 189
Thermopylae, 191 BC	101, 185	Roman Syria, Western Parthia and	
The Roman Empire in 60 BC	101–3, 185	Armenia	162–3, 189
Roman Campaigns of 49–30 BC	103–5, 185	Masada	164–5, 189
Pharsalus, 48 BC	105–6, 185	Jerusalem	164–5, 189
Augusta Praetoria	106, 185	Palestine	165–6, 189
Italy: Physical	107	Roman Egypt	167–8, 189
Italy in the Age of Augustus	108–9	The Roman Empire in AD 211	169–71, 187
Archaeological Sites of Italy	110–12, 186	Christianity by the Early Fourth	
Ostia	112–14, 186	Century	172–4, 189
Second Battle of Cremona, AD 69	114, 186	The Dioceses and Provinces of the	
Campania	115, 186	Roman Empire in AD 314	175–7, 189
Pompeii	116–117, 186	Reigns of Roman Emperors in Brief	178
Herculaneum	117–18, 186	Abbreviations	178
Italian Towns with Alimentary		Suggestions for Further Reading	179
Schemes	119–20, 186	Gazetteer	190
The Centre of Rome in the Age of			

---

# PREFACE

---

In all likelihood this book has its origin in a chance encounter between Richard Stoneman, the humanities editor of Croom Helm Ltd, and myself at the classical societies' Oxford Triennial Conference in summer 1981. The subject of our conversation on that occasion eludes me. At any rate it was an unexpected pleasure to be approached by Richard in the autumn with a tentative proposal for the compilation of an atlas of classical history. We soon found that we were in close agreement on what was needed: a volume in which lucid maps offered the high school student and the undergraduate a reasonably comprehensive, up-to-date and scholarly coverage of classical history down to the time of Constantine, accompanied by modest elucidation of the material and by some suggestions for further reading. Explanation and discussion were felt to be especially important, so long as they did not outweigh the maps.

A concern to keep production costs under control has restrained us from including everything that we might have wished. The same concern has affected the size and number of pages in the atlas, while colour printing has proved out of the question. Use of some standard bases has helped to limit expenditure on cartography. Equally, without the help of expert colleagues the desired coverage of classical history would have been impossible to achieve. The warmest gratitude is therefore due to those throughout the British Isles who agreed with alacrity to contribute to the atlas and have done such excellent work. It has been deliberate editorial policy to be ready with guidance when required, but otherwise—in view of the contributors' specialist knowledge—to leave them a fairly free hand in the presentation of their material. Inevitably, however,

restraint did have to be exercised when texts submitted overran their allotted space.

In particular no standard convention for the spelling of names has been imposed. Since a convention which meets with general satisfaction has yet to be devised, in a work of this character an editor who sought to impose one of his own making would only face exceptions, pleas, arguments, delay, as well as increasing the possibility of mistakes and diverting attention from more important issues. Whatever an editor does, he has no hope of pleasing everybody where this perennial controversy is concerned. As it is, notably outlandish or unusual spelling of names has been discouraged, Latin forms have been recommended where serious doubt has arisen, and an effort has been made to keep each individual contributor's usage consistent (since sometimes it was not!). Nonetheless, throughout the atlas as a whole inconsistency does still remain. While any distress caused to purists who read through from cover to cover is regretted, arguably the degree of inconsistency present should hardly cause undue difficulties of comprehension anywhere, and should prove of little account to those who refer just to two or three maps at a time.

No matter how carefully plans are laid in advance, in a complex project of this type the need for certain changes and improvements will only emerge as work proceeds. Such developments are the principal cause of failure to publish the atlas during 1984, as had originally been intended. However the remarkable fact that this target will be missed by so very few months is due above all to the efforts of Jayne Lewin and Richard Stoneman. Taking over from A.Bereznay at an early stage,

Jayne has executed the cartographic work for nearly the entire volume with artistry, speed, efficiency and good humour: her responsiveness to contributors' diverse requirements has been especially appreciated. Richard, as well as initiating the project and contributing to it, has offered all possible encouragement and support throughout. Not least my own debt to him is enormous: no editor could have been served better.

In Belfast, too, my colleagues (especially Raymond Davis) have given unfailing support and have patiently sought to answer my astonishing range of queries. Janis Boyd's secretarial work has been superb. I continue to appreciate the high quality of the University Library's holdings, and

the assistance of University funds towards travel and research. In addition thanks are due to N.G.L. Hammond, W.V.Harris, R.Hope Simpson, A. Powell and M.L.Pringle. But above all this atlas has been a collaborative effort. If it succeeds in its principal aim of stimulating the readers for whom it is designed, then there will be cause for joint satisfaction on the part of all those who have worked hard to achieve it.

Richard Talbert

Queen's University  
Belfast  
1984

---

## CONTRIBUTORS

---

M.Alden, Queen's University, Belfast.  
A.E.Astin, Queen's University, Belfast.  
M.Ballance, Eton College.  
R.P.Davis, Queen's University, Belfast.  
J.F.Drinkwater, University of Sheffield.  
J.D.Falconer, Winchester College.  
M.G.Fulford, University of Reading.  
J.F.Gardner, University of Reading.  
R.H.Jordan, Methodist College, Belfast.  
M.J.McGann, Queen's University, Belfast.  
E.J.Owens, University College of Swansea.  
T.W.Potter, The British Museum.  
A.G.Poulter, The University, Nottingham.  
N.Purcell, St. John's College, Oxford.  
P.J.Rhodes, University of Durham.  
J.B.Salmon, University of Lancaster.  
C.E.Schultze, Queen's University, Belfast.  
A.R.R.Sheppard, London.  
E.M.Smallwood, Queen's University, Belfast.  
R.Stoneman, Beckenham.  
R.J.A.Talbert, Queen's University, Belfast.  
C.J.Tuplin, University of Liverpool.  
B.H.Warmington, University of Bristol.  
J.P.Wild, University of Manchester.  
R.J.A.Wilson, University of Dublin.

---

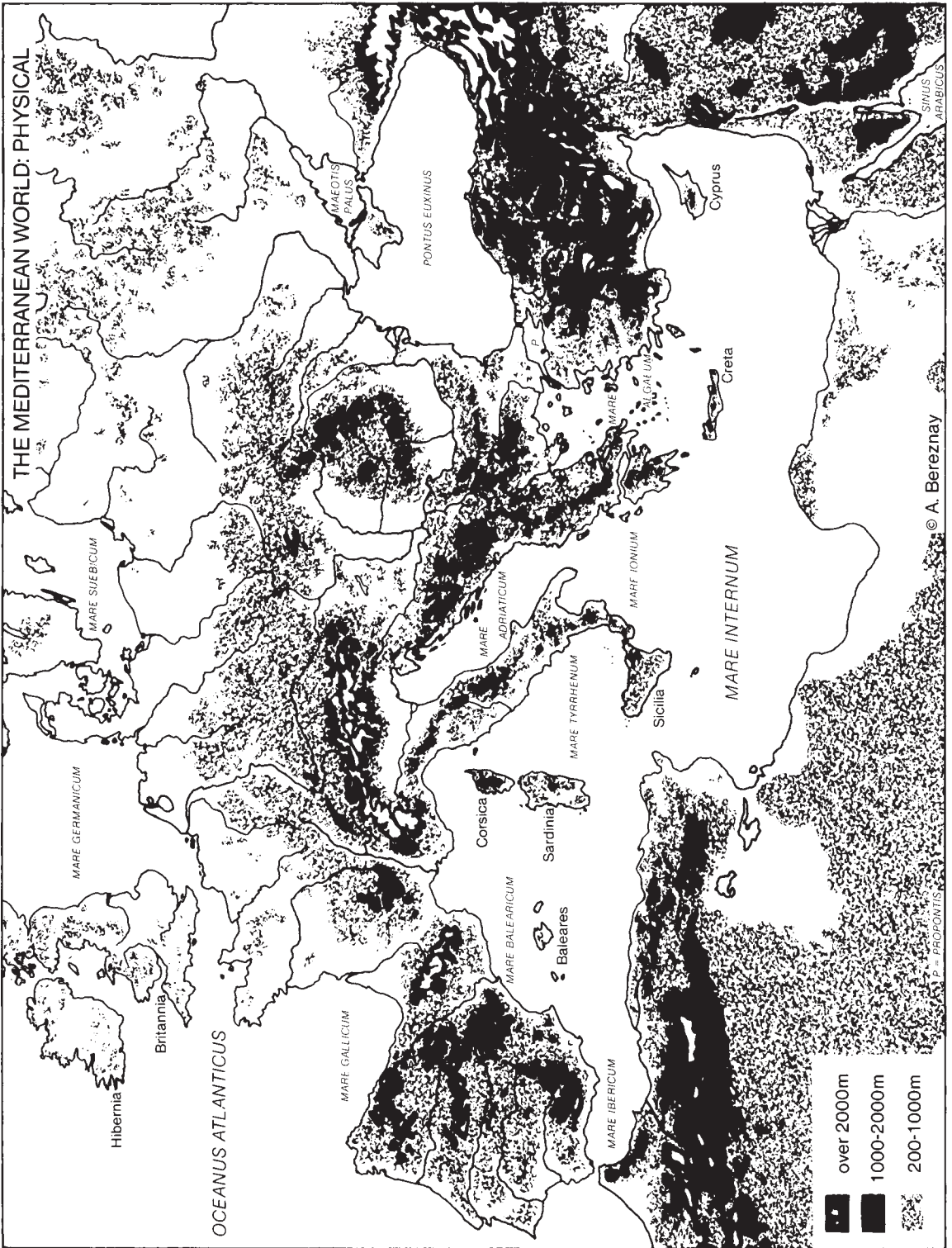
## EQUIVALENT MEASUREMENTS

---

1 hectare=10,000 sq metres=2.47 acres  
  
1 Roman foot=0.295 metres  
1 Roman mile=5,000 Roman feet=1475 metres  
  
1 metre=1.09 yards  
1000 metres=1 kilometre=0.62 miles  
10 km=6.21 miles  
50 km=31.07 miles  
100 km=62.14 miles



THE MEDITERRANEAN WORLD: PHYSICAL



MARE GERMANICUM

MARE SUEBICUM

Hibernia

Britannia

MARE GALLICUM

MARE IBERICUM

MARE BALEARICUM

Corsica

Sardinia

Balears

MARE ADRIATICUM

MARE TYRRHENUM

MARE IONICUM

MARE ALGAEUM

Creta

Cyprus

MARE ARABICUM

PONTUS EUXINUS

OCEANUS ATLANTICUS

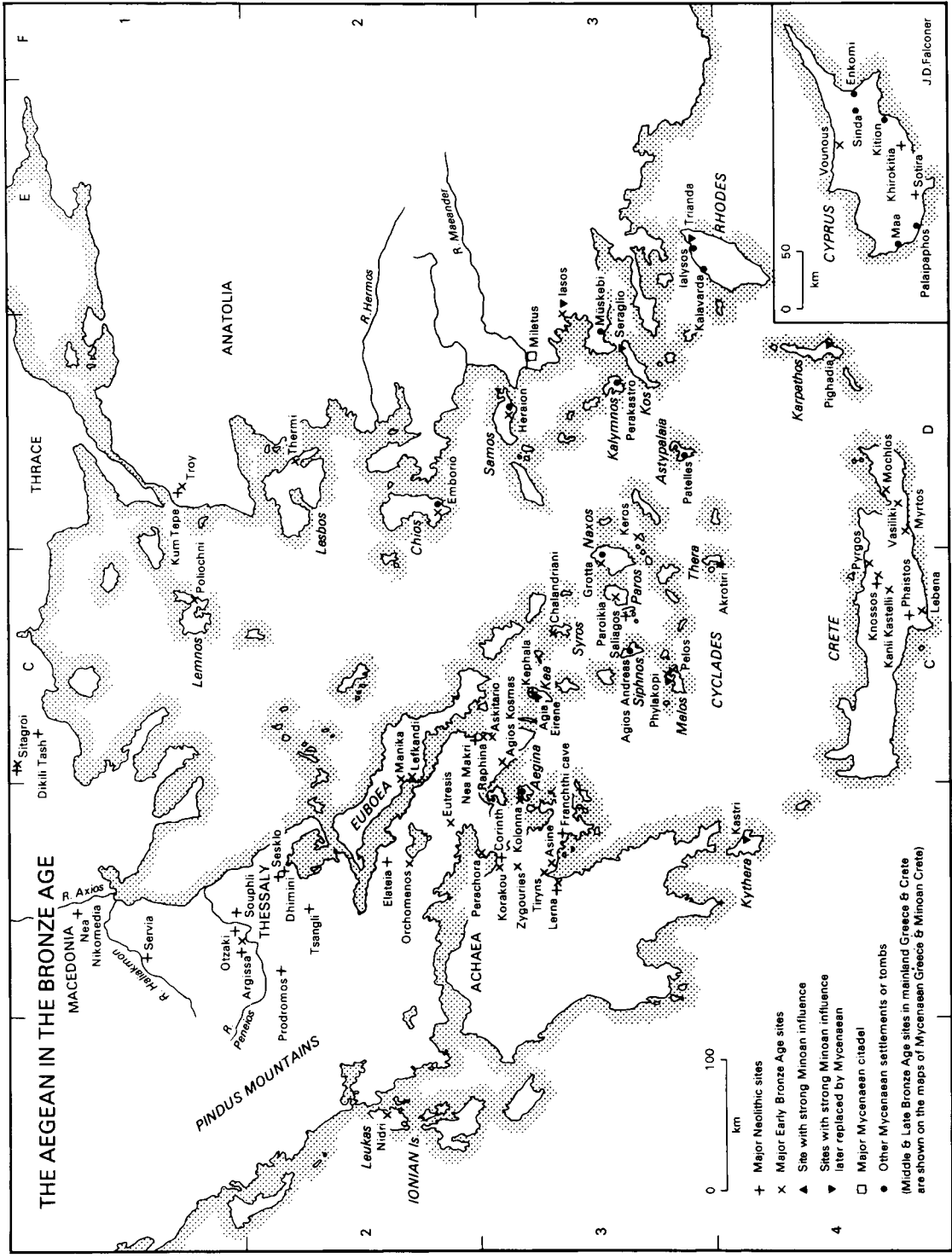
MARE INTERNUM

- over 2000m
- 1000-2000m
- 200-1000m

© A. Bereznyay

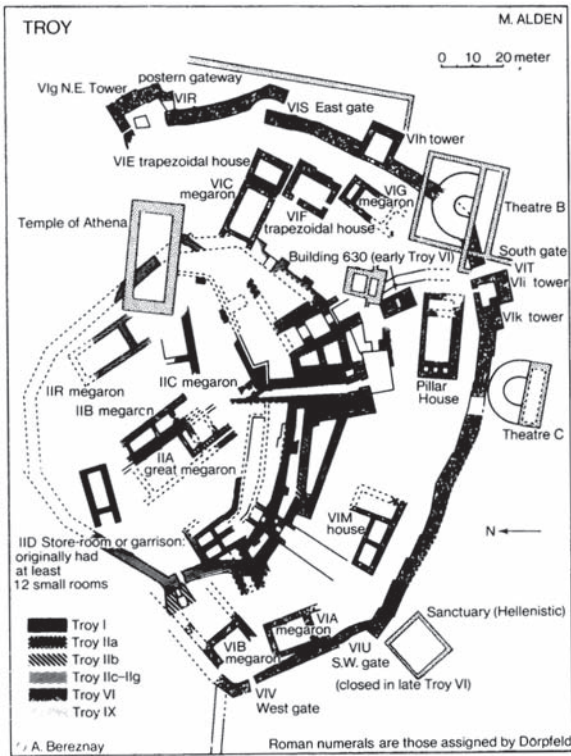
P. PROPONTIS





(Middle & Late Bronze Age sites in mainland Greece & Crete are shown on the maps of Mycenaean Greece & Minoan Crete)

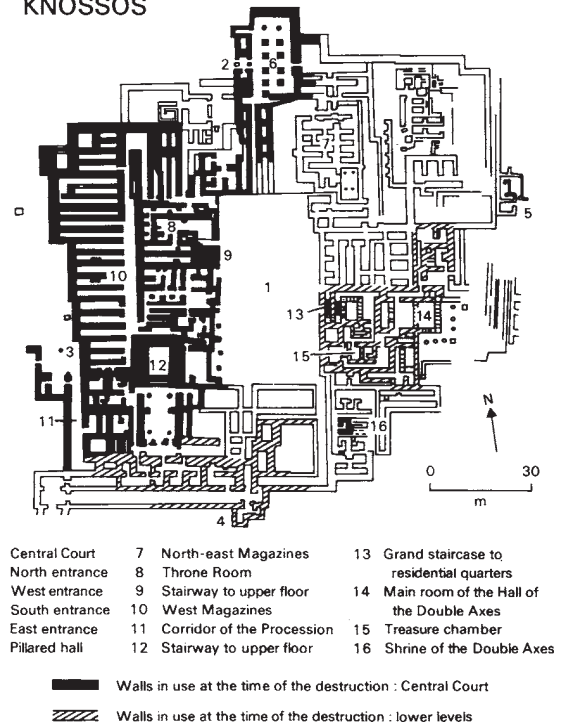
J.D. Falcoener



## Troy (Hissarlik)

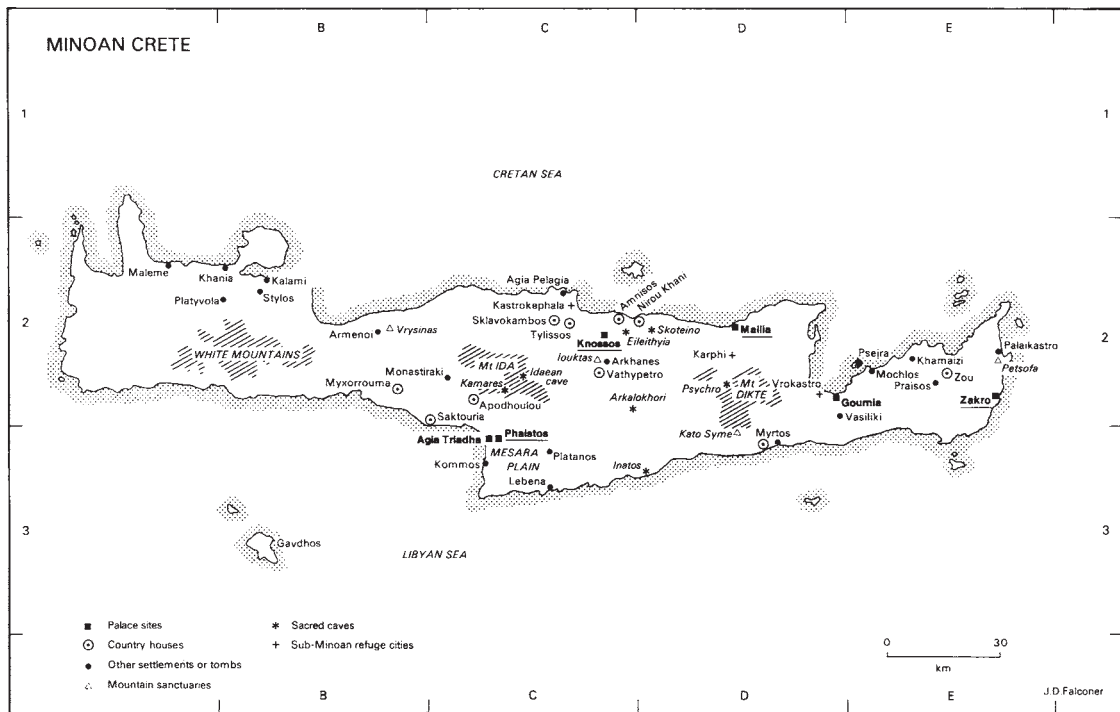
Before excavation the city of Troy (later Ilium) was a tell more than 31 metres high. Excavations by Schliemann (1870–90), Dörpfeld (1893–4), and the University of Cincinnati (1932–8) revealed 46 separate strata, making up nine major layers (I–IX), each with a number of subdivisions. Occupation dates at least from the beginning of the Early Bronze Age, and the wealthy city of Troy II (Treasure of Priam) has fortifications comparable in grandeur with those of the approximately contemporary sites of Thermi on Lesbos and Poliochni on Lemnos. Troy VI, in which the horse first appears here, is the settlement which spans the Middle Bronze Age and earlier part of the Late Bronze Age: it seems to have been destroyed by an earthquake around 1300 BC. Mycenaean IIIB pottery in Troy VIIa, destroyed by fire *c.* 1260, has led to its identification with Homer's Troy, the destruction of which was traditionally placed in 1184 by Eratosthenes on genealogical grounds. The city continued through various vicissitudes to be inhabited until *c.* AD 500.

## KNOSSOS



## Knossos

The Cretan city of Knossos and its king, Minos, appear several times in the Homeric poems; Knossians led by Idomeneus take part in the expedition against Troy. In 1878 the site was investigated by Minos Kalokairinos, who found a tall earthenware storage jar (*pitthos*), now in the British Museum. Full-scale excavations were begun by Arthur Evans in 1900. The earliest levels were found to be preceramic Neolithic. Despite destructions occupation continued through all phases of the Bronze Age. Evans named the phases of the Cretan Bronze Age 'Minoan' after King Minos. The Middle Minoan palace at Knossos, destroyed *c.* 1700, was replaced by the magnificent one shown here. It was built around a central court, with state rooms, storage magazines, and several storeys of luxurious residential apartments. It suffered destruction *c.* 1450. Afterwards it alone among the Cretan palaces was re-occupied, albeit on a reduced scale; the new inhabitants were probably Mycenaean. The final destruction was by fire, *c.* 1375–50.



## The Aegean in the Bronze Age, Minoan Crete, Mycenaean Greece

Pages 2, 4 and 6 show the most important sites at which excavations have revealed settlements or tombs in the period from 6500 to 1200 BC. *The Aegean in the Bronze Age* gives Neolithic and Early Bronze Age sites for the whole area, as well as later Bronze Age sites for the islands, Asia Minor and Cyprus. Later sites in Crete and mainland Greece are shown on the other two maps.

The most heavily settled areas in the Neolithic period (c. 6500–2900) seem to have been the fertile plains in north east Greece, but in the Early Bronze Age there was a change in the settlement pattern corresponding with a move from an economy based on cereals to a mixed economy of olives, vines and cereals. Settlements were made in the more rocky terrain of the islands, Crete and the Peloponnese, and a particularly prosperous and artistic culture flourished in the Cyclades. While in Crete the Early Bronze Age settlements seem to have led without a break to the founding

of the first great palaces in the twentieth century BC, on the mainland the end of the Early Bronze Age was marked by the violent destruction of sites and the arrival of a new people from Anatolia. These were probably the ancestors of the Greeks. In the next period (the Middle Bronze Age, c. 2000–1550) Crete replaced the Cyclades as the most prosperous civilisation in the western Aegean, while Asia Minor and the eastern Aegean were dominated by the city of Troy VI, also settled about 2000 BC by newcomers from Anatolia.

After the first Cretan palaces had been destroyed c. 1700, probably by earthquakes, they were rebuilt on an even grander scale. By the beginning of the Late Bronze Age (c. 1550) Crete was extending her influence widely across the Aegean, so that several of the island sites became culturally and perhaps also politically dependent on Crete. One of these, the town of Akrotiri on the volcanic island of Thera, was destroyed c. 1500 by an eruption which

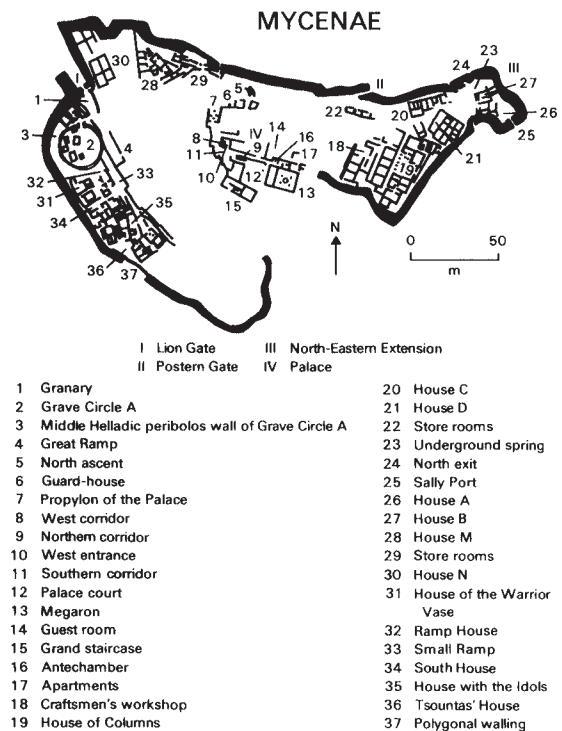
was followed shortly afterwards by the great explosion of the whole island. The precise sequence of events on Thera and their relation to the burning and abandonment of all the major Cretan sites except Knossos *c.* 1450 has been much debated, but however these sites were destroyed, their destruction marked the end of the Cretan dominance in the Aegean.

For the next 200 years (*c.* 1400–1200) the Mycenaean Greeks replaced the Minoans as masters of the Aegean. That their prosperity had been growing since *c.* 1600 is shown by the rich burials in the two Shaft Grave circles at Mycenae, and later by the construction of the monumental *tholos* tombs. After the Thera eruption the Mycenaeans moved into Knossos, and by 1400 seem to have had control of the whole of Crete, until the palace was finally destroyed a few years later.

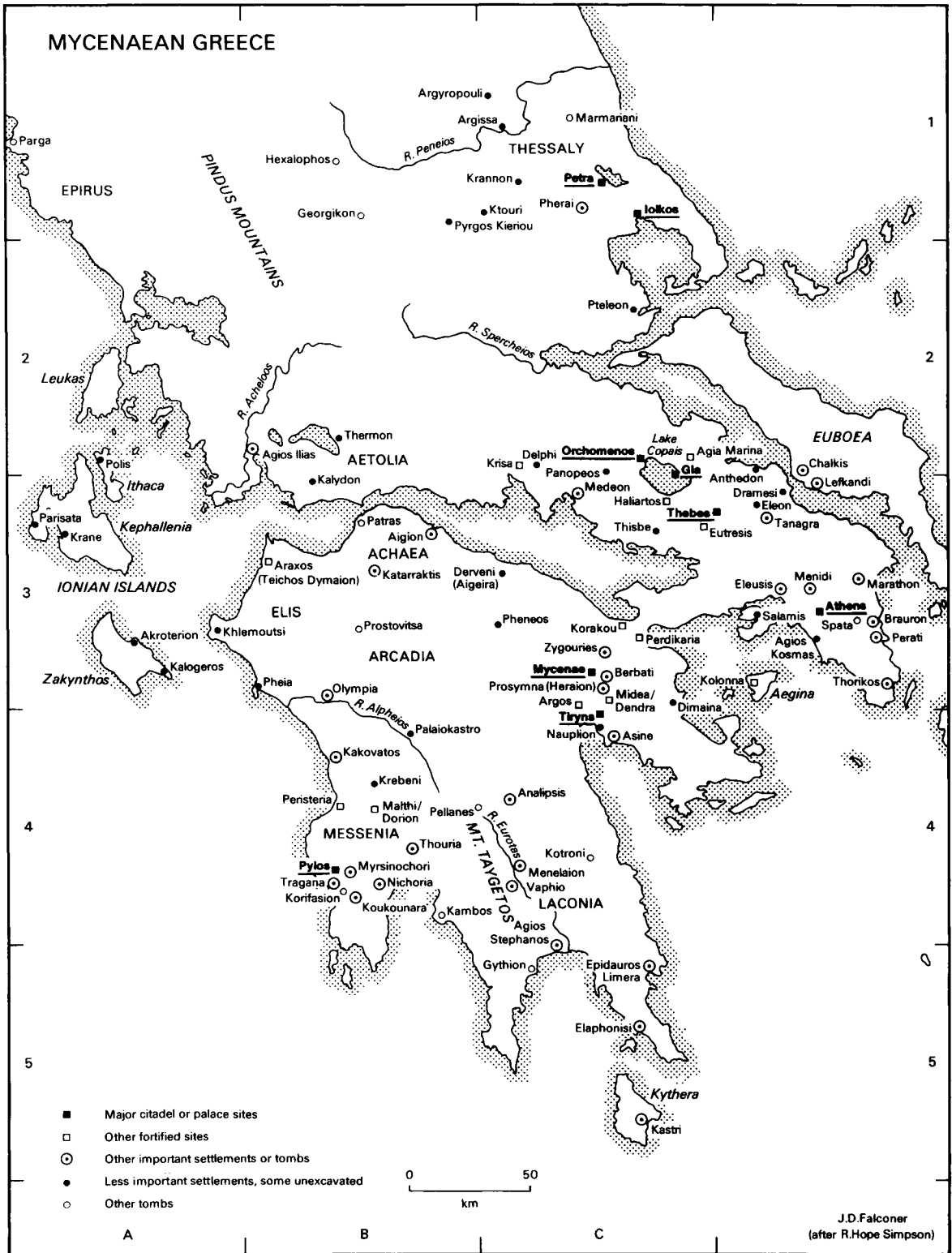
In the fourteenth and thirteenth centuries there was relative peace in the eastern Mediterranean, and the Mycenaeans traded widely in the Aegean and beyond, replacing the Minoans in the island sites and establishing a major settlement at Miletus. On the Greek mainland palaces were built and some sites were heavily fortified. In the second half of the thirteenth century, probably as a result of internal wars, many of the Mycenaean sites were destroyed, the palace civilisation came to an end, and much of the population fled to Achaia and the Ionian islands in the west, and to Euboeia, the Cyclades and Cyprus in the east. However, Mycenaean society continued in Greece for a further hundred years until early in the eleventh century, by which time all the major sites except Athens had been abandoned.

## Mycenae

The citadel occupies a low hill, with Mounts Profitis Elias and Szara to the north and east. Sherds suggest that habitation dates from the Neolithic period, but the site seems to have risen to importance during the Middle Bronze Age, when the wealthy Grave Circles A (found by Schliemann in 1876) and B were established; they form part of an extensive Middle and Late Bronze Age cemetery on the north west slopes. The Late Bronze Age city consisted of a palace on the hill, with houses, workshops and storerooms below. At first only the summit was fortified, though by the late thirteenth century a large area was enclosed, including the Cult Centre and Grave Circle A. Even with its massive walls and underground spring the city declined during the twelfth century, and was eventually burnt. However the area continued to be inhabited and in the Archaic period had a temple of Athene. Mycenae was sacked by the Argives in 468, but re-occupied in the Hellenistic period.



# MYCENAEAN GREECE

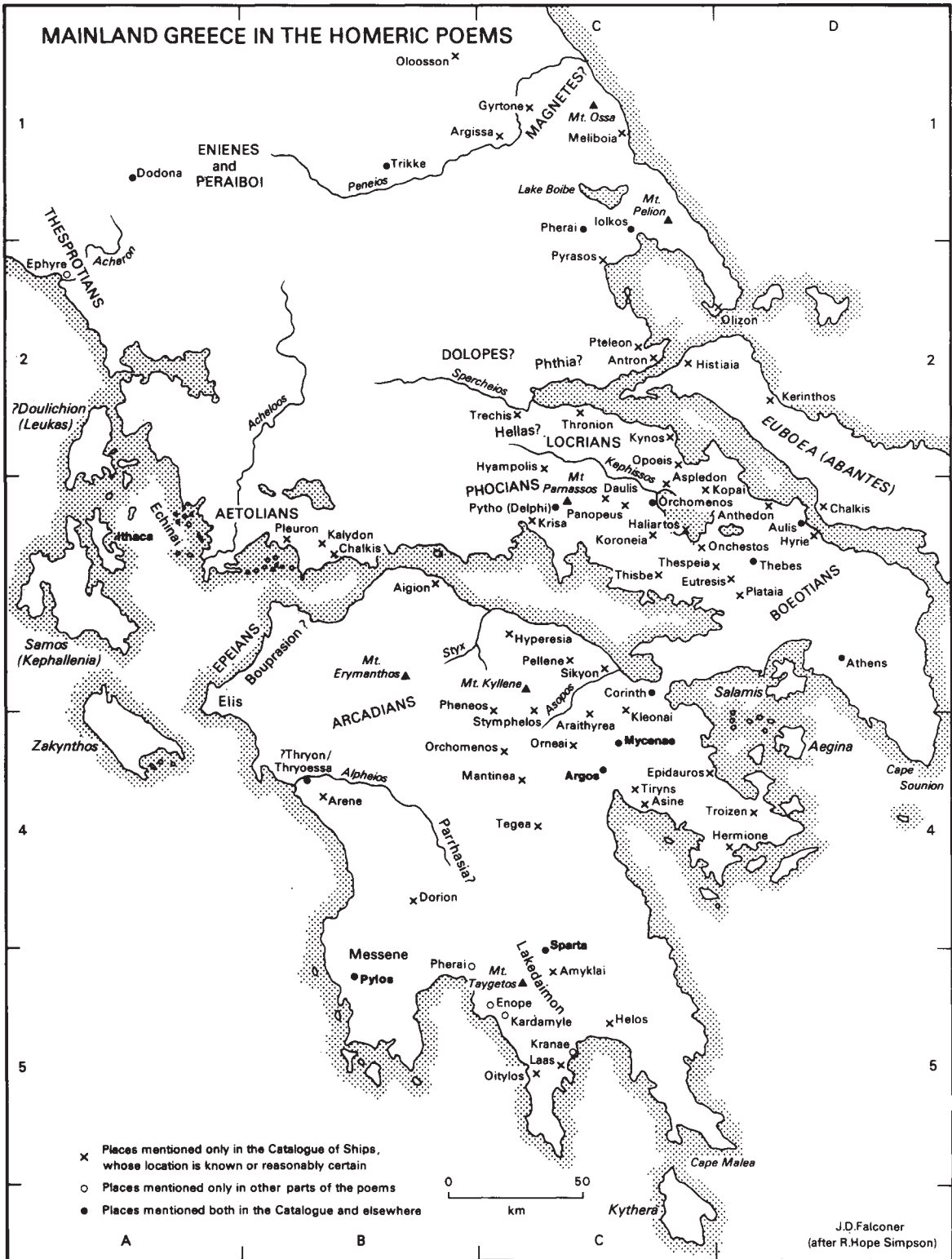


- Major citadel or palace sites
- Other fortified sites
- ⊙ Other important settlements or tombs
- Less important settlements, some unexcavated
- Other tombs

0 50  
km

J.D. Falconer  
(after R. Hope Simpson)

# MAINLAND GREECE IN THE HOMERIC POEMS





---

## Mainland Greece in the Homeric Poems and The Homeric World

---

*Mainland Greece in the Homeric Poems* and *The Homeric World* are intended as a guide to readers of the *Iliad* and *Odyssey*, and show the known or probable location of the main places referred to by Homer. Like other aspects of the poems, Homer's geography is a mixture of memories from the Mycenaean world, contemporary knowledge of the eighth or early seventh century BC, and fairy tale. The most detailed geographical information is given by the Catalogue of Ships in *Iliad*, Book 2, which names 152 towns or districts in Greece and the islands, and 19 in Thrace, the Troad and Asia Minor. The position of many of these was unknown even to the Greeks of historical times, and it is likely that at least the Greek section of the Catalogue was a survival from the Mycenaean Age reflecting the settlement pattern of that period rather than of Homer's own time. Further evidence for this is provided by places in the Catalogue which archaeology has shown to have been unoccupied after the Mycenaean period (e.g. Eutresis, Krisa, Dorion and Pylos), and by the grouping of the towns into kingdoms which are quite unlike anything known in historical Greece. Although the Catalogue cannot originally have been composed to form part of the *Iliad* as we know it, the rest of the *Iliad* is broadly consistent with it in its picture of a Greece dominated by the important Mycenaean centres of Mycenae and Pylos.

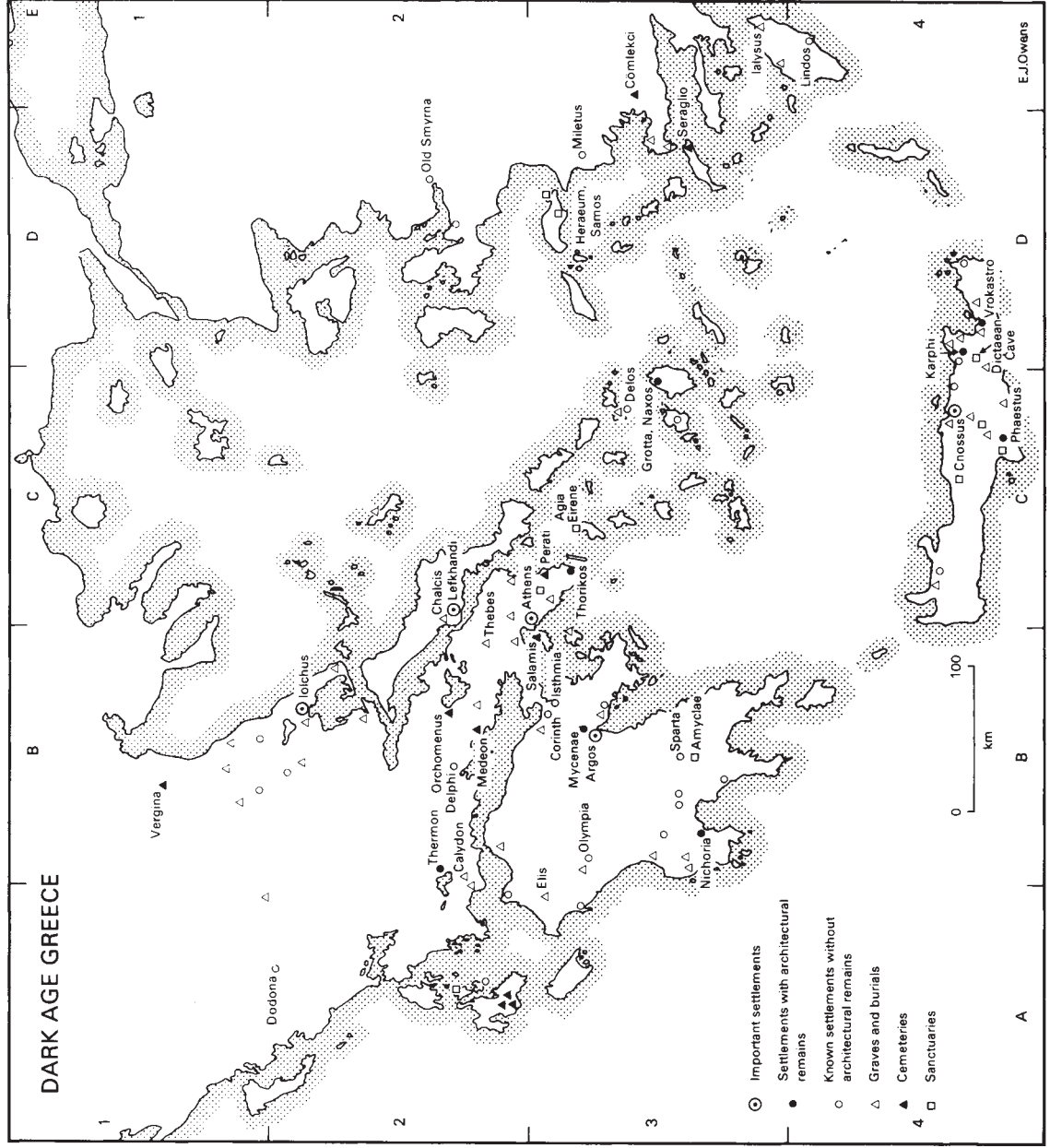
The Trojan section of the Catalogue is far less informative than the Greek. Although the Troad itself is described in some detail, the territories of the Trojan allies cannot be located with any certainty. The Trojan Catalogue appears to describe Asia Minor before the Ionian migrations of around 1000 BC, with no reference to any of the later Greek cities on the coast, apart from Miletus which is specifically said to be occupied by 'barbarian-speaking Carians'. But whether this means that the Catalogue was composed in the Mycenaean period, or

merely represents later ideas of what Asia Minor was like at the time of the Trojan War, is still disputed. On the geography of the Troad, the rest of the *Iliad* adds details that are sometimes surprisingly accurate—for example, the fact that Poseidon could see Troy from the peak of Samothrace—and this feature has led to the suggestion that Homer may have had personal knowledge of the area.

It has also been claimed that the *Odyssey's* description of Ithaca and the islands round it was based on first-hand knowledge, but this has been questioned on the grounds that the account of the relative position of the islands is inaccurate. While the identification of Ithaca with modern Ithaki is now generally accepted, there is probably as much fiction as fact in the topographical details of caves, springs and bays on the island.

The main action of the *Iliad* and *Odyssey* takes place in a world enclosed by Ithaca in the west, Troy in the east and Crete in the south. However, the boundaries of the Homeric world are extended by references to more distant peoples and places, Egypt and Libya in the south, Sidon and the Phoenicians in the east, as well as to a number of more or less mythical tribes, the Ethiopians and Pygmies in the south, the Taphians in the west and the Cimmerians in the north. Finally there are the wanderings of Odysseus, from the time when he was blown off course round Cape Malea. The origins of these stories lie in folk tales without any specific geographical location, but attempts were made quite early on by the Greeks themselves to fit them into the geography of the Mediterranean, so that the Phaeacians were placed on Corfu, Circe at Cape Circeo near Naples, Scylla and Charybdis in the Straits of Messina and the Cyclopes on Mount Etna. This location of Odysseus' wanderings in the west probably reflects the opening up of Sicily and south Italy to Greek trade and colonisation in the seventh century.





E.J. Owens

---

## Dark Age Greece

---

After the collapse of Mycenaean civilisation during the course of the twelfth century BC Greek history enters an era of darkness, which was not totally dispelled until the middle of the eighth century. This period is 'dark' both because information is lacking, and because such information as exists indicates an extreme cultural recession, characterised by depopulation, isolation and poverty. The substantial reduction in the number and size of occupied sites is proof of widespread depopulation: indeed some areas of the Aegean have so far produced no evidence of habitation during this period. Depopulation was accompanied by regional fragmentation and isolation, as communications ceased not only within the Aegean but also with areas beyond. A significant feature of the Dark Age is the scarcity of architectural remains at most sites. This reflects the uncertainty of the times and, together with the poor quality of the other material remains, indicates the low quality of life. Except on Crete, where Bronze Age building traditions continued, graves alone supply the bulk of the evidence throughout these centuries. Technical and artistic skills, such as bronze working, writing and figured art, were also lost for a time.

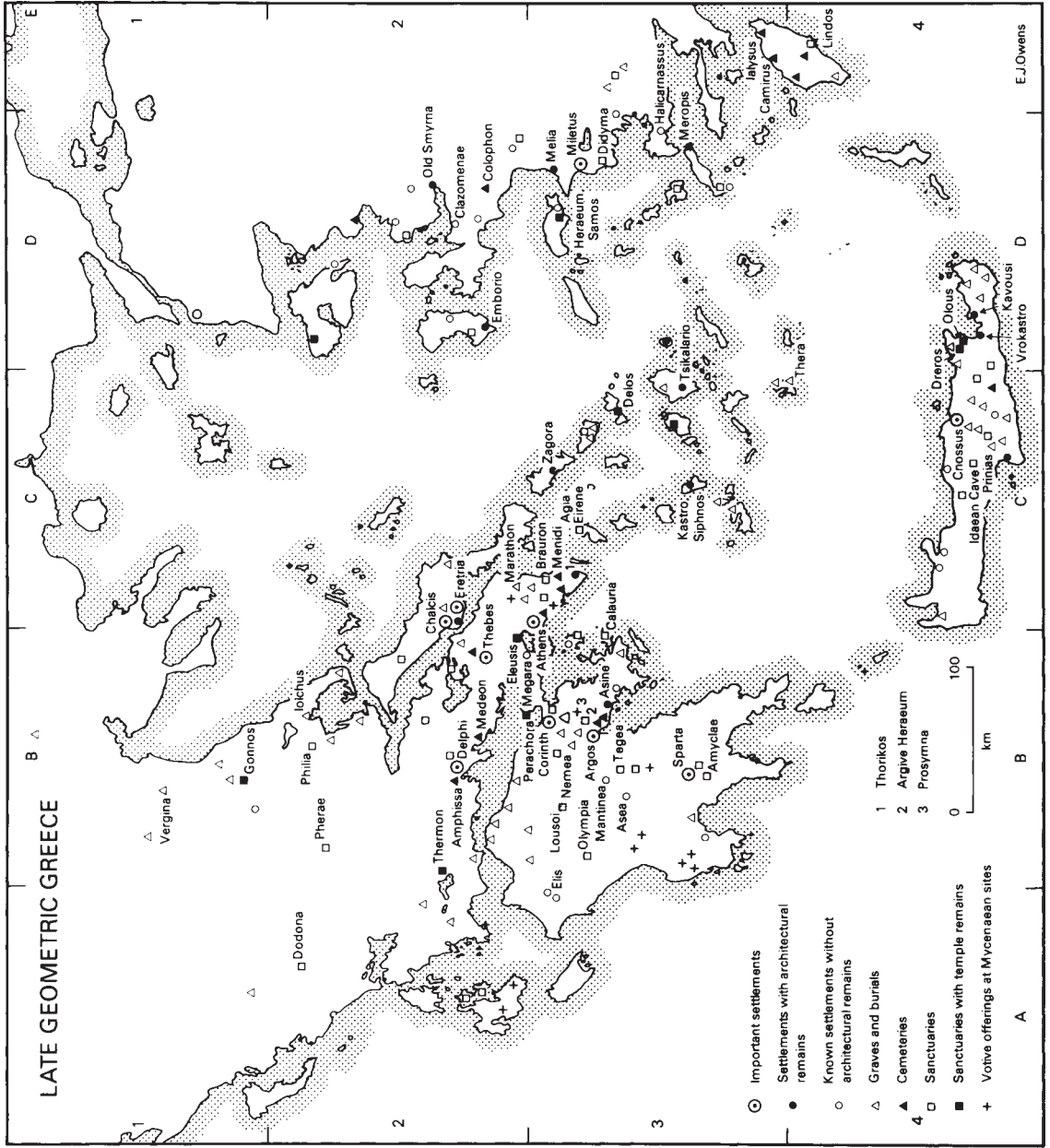
The Dark Age, however, is not a period of total demoralisation. Life continued in certain areas, albeit at a much reduced level. In particular, Attica, the Argolid, parts of Thessaly and Crete managed to survive the worst difficulties of the age, and it was in these areas that the foundations of the eventual recovery of Greece were laid. New metal working technology was developed, and old skills rediscovered. Iron appears in several areas, and the cupellation of silver was undertaken at Argos and Thorikos by 900. Bronze working reappears at Lefkandi. Athens leads the rest of Greece with the development of the proto-Geometric style of pottery, from which evolved the full Geometric style from *c.* 900 onwards. Lefkandi has arguably become one of the most important sites for the elucidation of the Dark Age: here the excavation of several rich burials must modify our view of total poverty, at least from the later tenth century onwards.

With the appearance of open air sanctuaries there is also the first indication of a change in places of worship. Before 1000 BC, too, the first tentative steps were taken to colonise the Aegean with the implantation of settlements along the west coast of Asia Minor.

This evidence must not be over-emphasised. Most parts of Greece remained depressed throughout the ninth century, and full recovery did not begin until the eighth century. But then remarkable changes and advances can be noted. A substantial increase in population is evident, both from the increased number of sites and the increased size of many settlements. As communications were opened up, areas of Greece for which evidence of settlement had been lacking, were again occupied. The west coast of Asia Minor and the Aegean islands were fully colonised. Contact with the Near East, which brought fresh impetus to many aspects of life and artistic development, was intensively renewed. The colonisation of the western Mediterranean was also begun.

Graves and cemeteries continue to supply the bulk of the evidence for the eighth century, but there is important information regarding architecture from such sites as Emborio, Old Smyrna and Zagora on Andros. Their substantial remains also confirm a more settled and prosperous existence. However the defensive nature of many sites, often in inaccessible or hidden locations, and the construction of fortification walls at Old Smyrna and Zagora suggest that life was still by no means secure.

Many new sanctuaries appear during this period, and it is clear that some were gaining a reputation beyond their immediate area. About half contain remains of temples. The dedication of votive offerings at Bronze Age sites is indicative of an interest in the heroic past. With the introduction of writing from the Near East, Greece can be said to have finally put aside the Dark Age and to be emerging into the full light of history.



E.J. Owens



---

## Greek Colonisation (Eighth to Sixth Centuries BC)

---

By c. 800 Greek traders had begun to venture beyond the Aegean with such confidence and regularity that Euboeans from Chalcis and Eretria had set up a 'trading station' (*emporion*) at Al Mina (the place called Posideion by Herodotus?) on the R.Orontes delta, excavated in the 1930s. Arguably these traders sought iron and copper above all. A comparable 'trading station' which Euboeans founded before 750 at Pithecusae in the gulf of Naples was succeeded during the latter part of the eighth century by their establishment of 'ports of call' at Zancle and Rhegium, and of settlements in fertile areas at Cumae, Leontini and Catane. Though Greeks were not blind to trading opportunities and other attractions, it was principally the prospect of good land free for occupation which prompted others to follow the Euboean example, in an effort to gain relief from the generally acute problems of increased population and unequal division of land holdings throughout Greece. Further sites on the eastern seaboard of Sicily were quickly settled, and in the seventh century these acted as the springboard for foundations on the north and south coasts of the island. In south Italy development of the same type occurred simultaneously, with settlers from Achaea taking the lead.

In a northerly direction it was again Euboeans who led the way with the establishment of settlements in Chalcidice during the late eighth century. In the seventh century other Greeks settled further along the northern shore of the Aegean, either side of the Hellespont, and around the Propontis. Despite its harsher climate the Black Sea was even penetrated by a few settlers at this date, but the main wave of foundations here did not come until the sixth century, mainly at the instigation of Miletus.

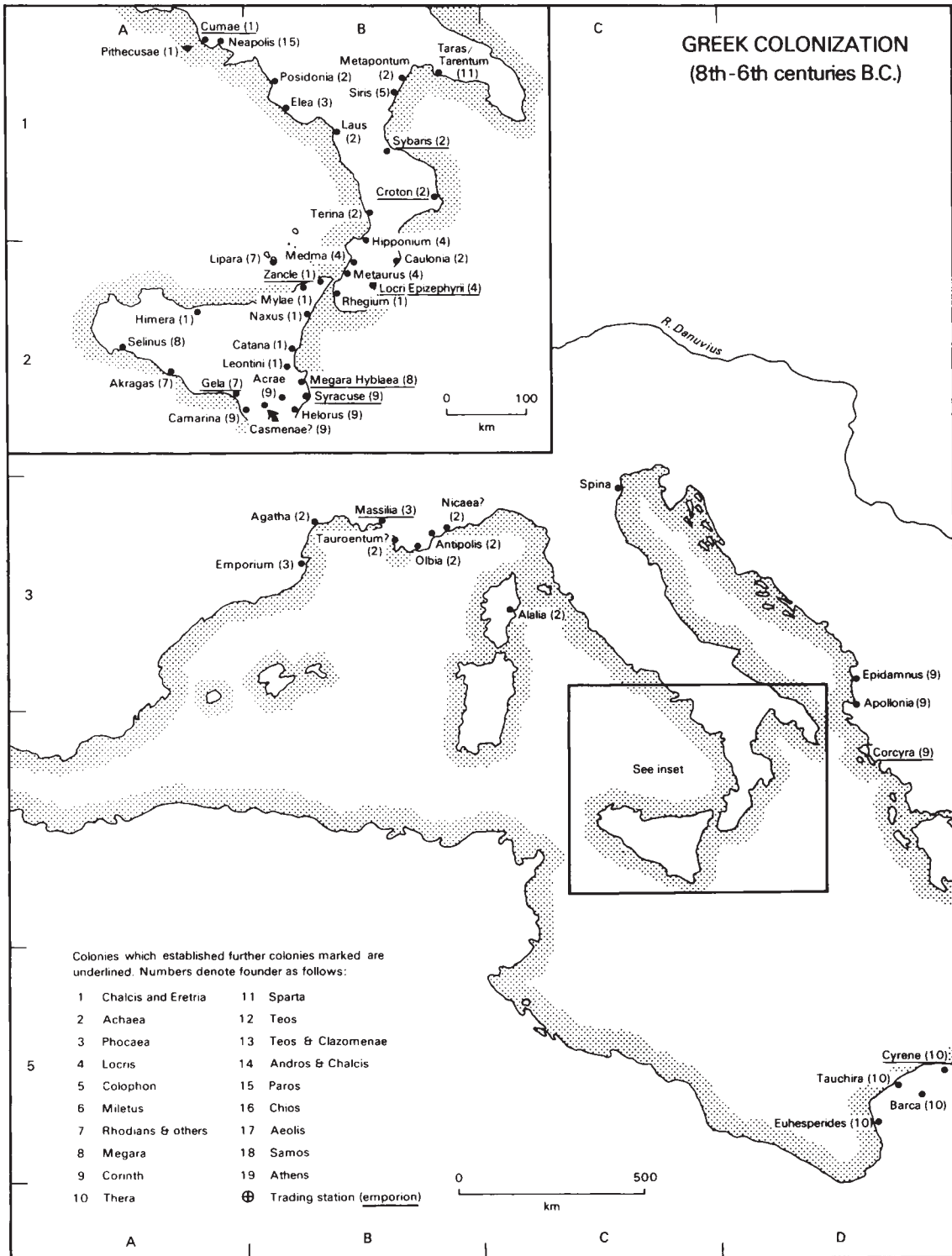
Elsewhere Greeks principally from Asia Minor were permitted to establish a 'trading station' and settlement at Naucratis, 50 miles up the Canopic branch of the Nile Delta, in the late seventh century. Cyrene near the North African coast was founded from Thera c. 630; later, early in the sixth century, Phocaea in Asia Minor planted settlements as far

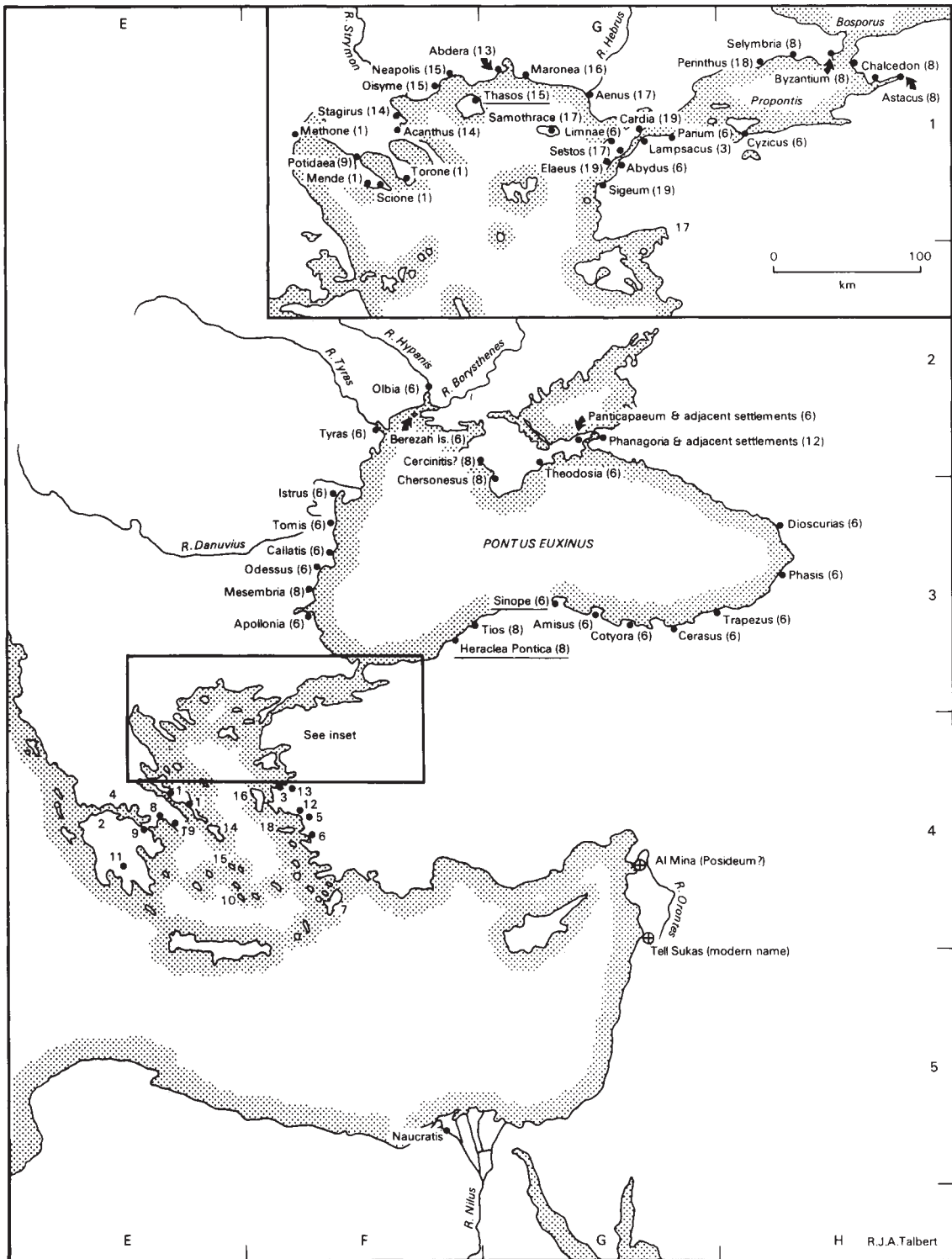
distant as southern France, Spain and Corsica. These areas, together with western Sicily, were also being settled by Phoenicians and Carthaginians. Though their motives seem to have been broadly similar to those of Greeks, hostile relations were the exception, usually the result of provocation.

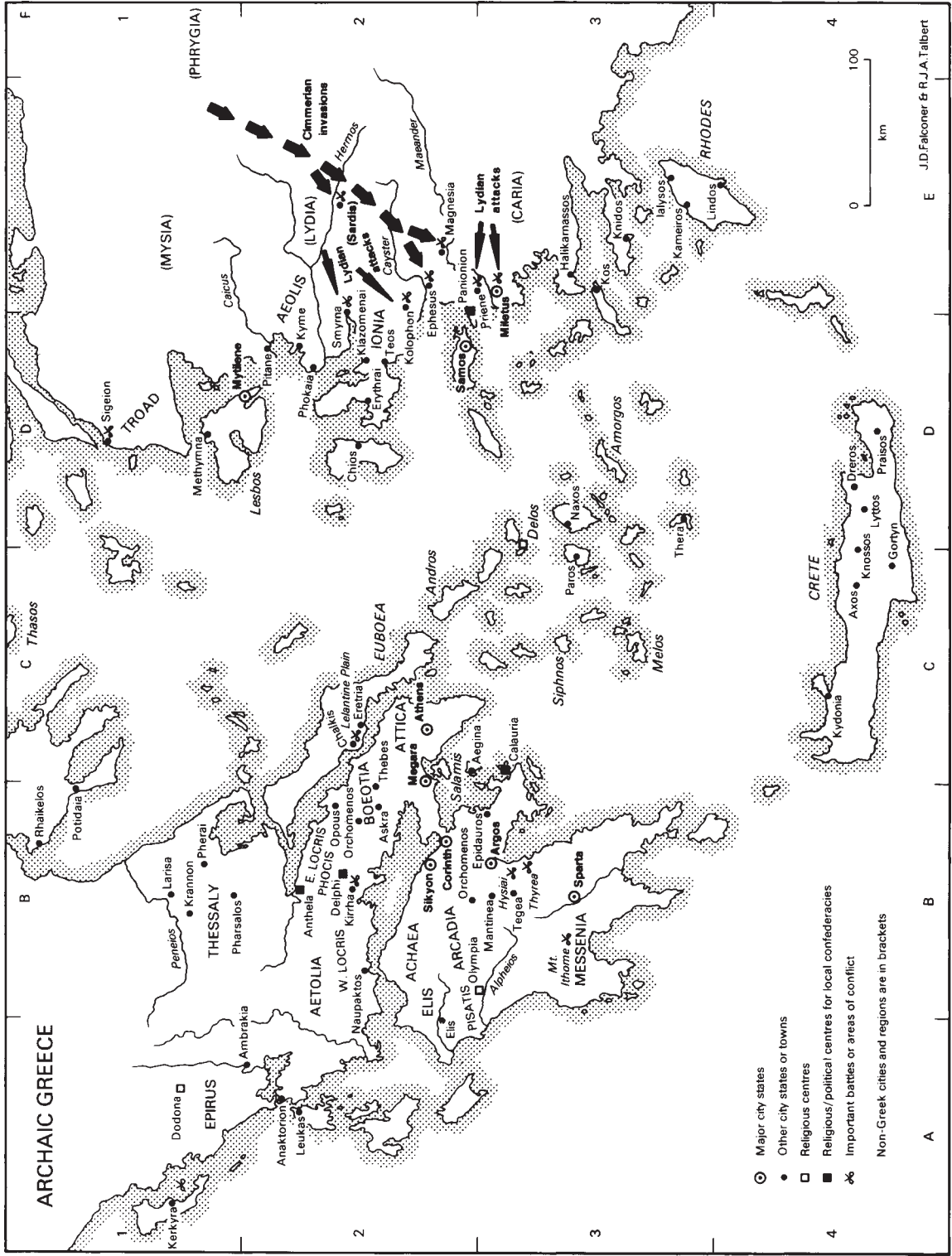
The modern translation 'colony' for the Greek *apoikia* misleads if it is taken to imply any degree of long-term dependence upon, or control by, the founders from mainland Greece. Rather, from the outset the settlements were intended to be independent, self-supporting communities, whose links with their founders would in normal circumstances be no more than those of culture, religion and sentiment. Each foundation would indeed enjoy the formal sponsorship of a community, which was thus recognised as the *metropolis* or 'mother city'. This community would appoint a leader (*oikistes*), furnish ships or other help, and gather colonists, who did not necessarily have to be its own citizens. However, its positive role would often lapse at this point, even though links of the type just mentioned would always remain strong. In special circumstances, where the social or agrarian problems of a community were particularly bad, the colonists might not even be volunteers—as, for example, in the cases of the Spartan foundation of Tarentum or the Thera foundation of Cyrene.

This last instance stands out as one of the best documented colonial ventures, thanks to the survival of an inscription embodying at least the gist of an archaic record to supplement Herodotus' narrative. Among ancient authors he and Thucydides furnish the most useful information about colonisation; later writers, like Strabo, have much less of solid value to offer. Excavation and the analysis of material remains (especially pottery) have therefore played a key role in illuminating further the character and development of colonisation, even if there is a limit to what may be securely deduced from such evidence. It is frustrating that so little written material survives to deepen our insight into the major topic of the relations between colonies and the local, normally less civilised, peoples of the areas settled.









---

## Archaic Greece

---

The seventh and sixth centuries constitute an exciting formative period of the utmost importance in Greece. For the first time Greek history is now illuminated significantly by written records as well as by archaeology. Though its origins lie obscurely in the preceding Dark Age, unquestionably the emergence of the *polis* as the predominant political and social unit in Greece was a crucial step forward. Autonomous communities of this type—centred on a defensible town in control of its surrounding territory—became a distinctive feature of Greek civilisation throughout the Mediterranean and beyond.

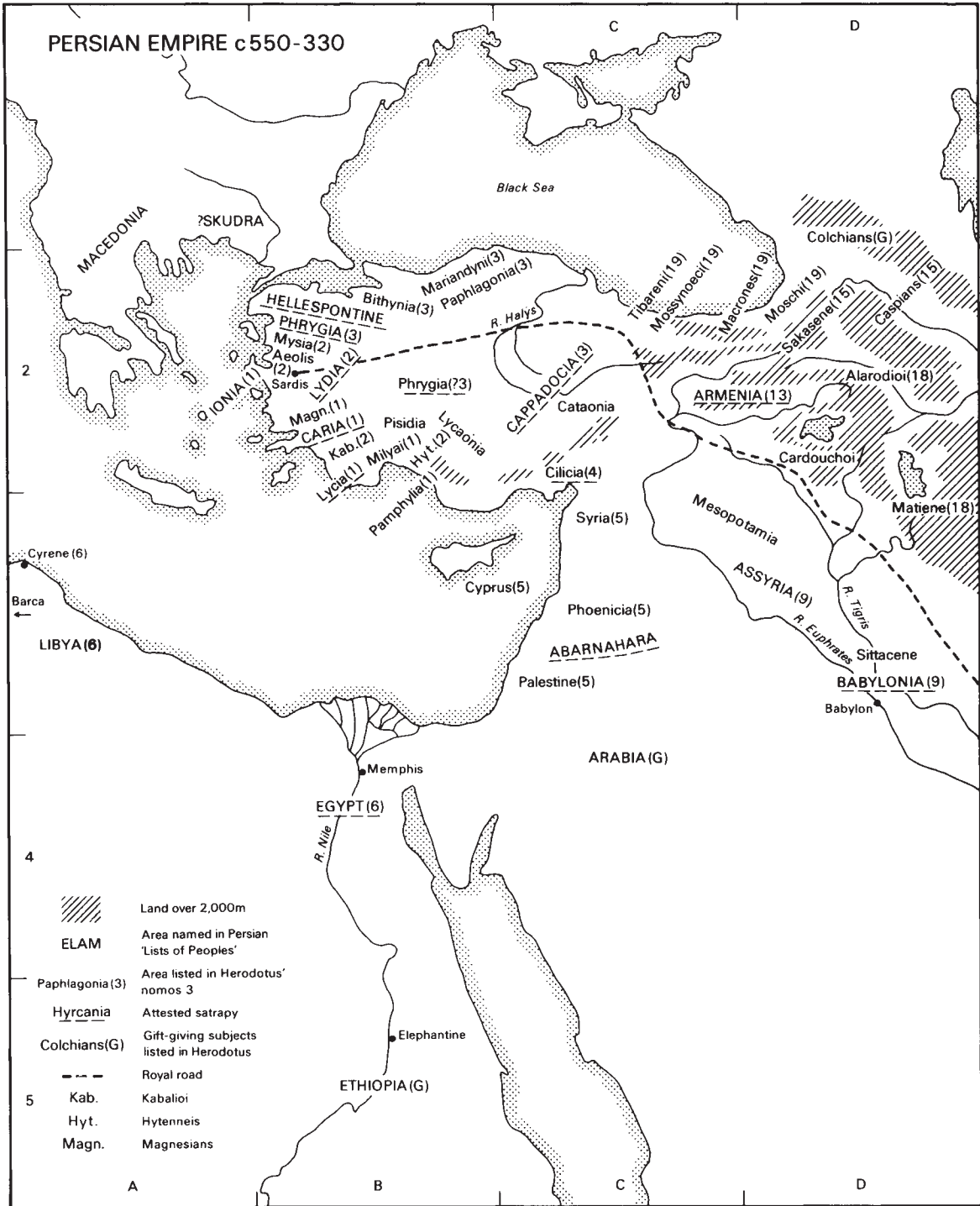
However this is not to overlook wide variations in the speed and character of change. In many areas of Greece, especially the north and west, there was at best only a slow shift away from tribal organisation. Elsewhere Crete (see further pp. 155–6) and Sparta are distinguished by their idiosyncratic development. The latter, having at last achieved success in a struggle to conquer fertile Messenia shortly before 700, was then faced with bitter hostility not only from Messenians permanently subjected as helots, but also from jealous neighbouring states, Argos especially. A great battle at Hysiai in 669 resulted in a narrow Argive victory. During the late seventh century the strain which Sparta faced in containing a prolonged Messenian rebellion led to a permanent transformation in the character of the state: most strikingly the Spartiates, or citizen males, became an exclusive military caste. Only during the sixth century was Sparta able to extend her influence further in the Peloponnese. Checked by an initial failure to annex Tegea, she proceeded instead to forge alliances, a policy which led to the formation of the Peloponnesian League under her leadership. By the late sixth century Sparta was the strongest of the mainland states.

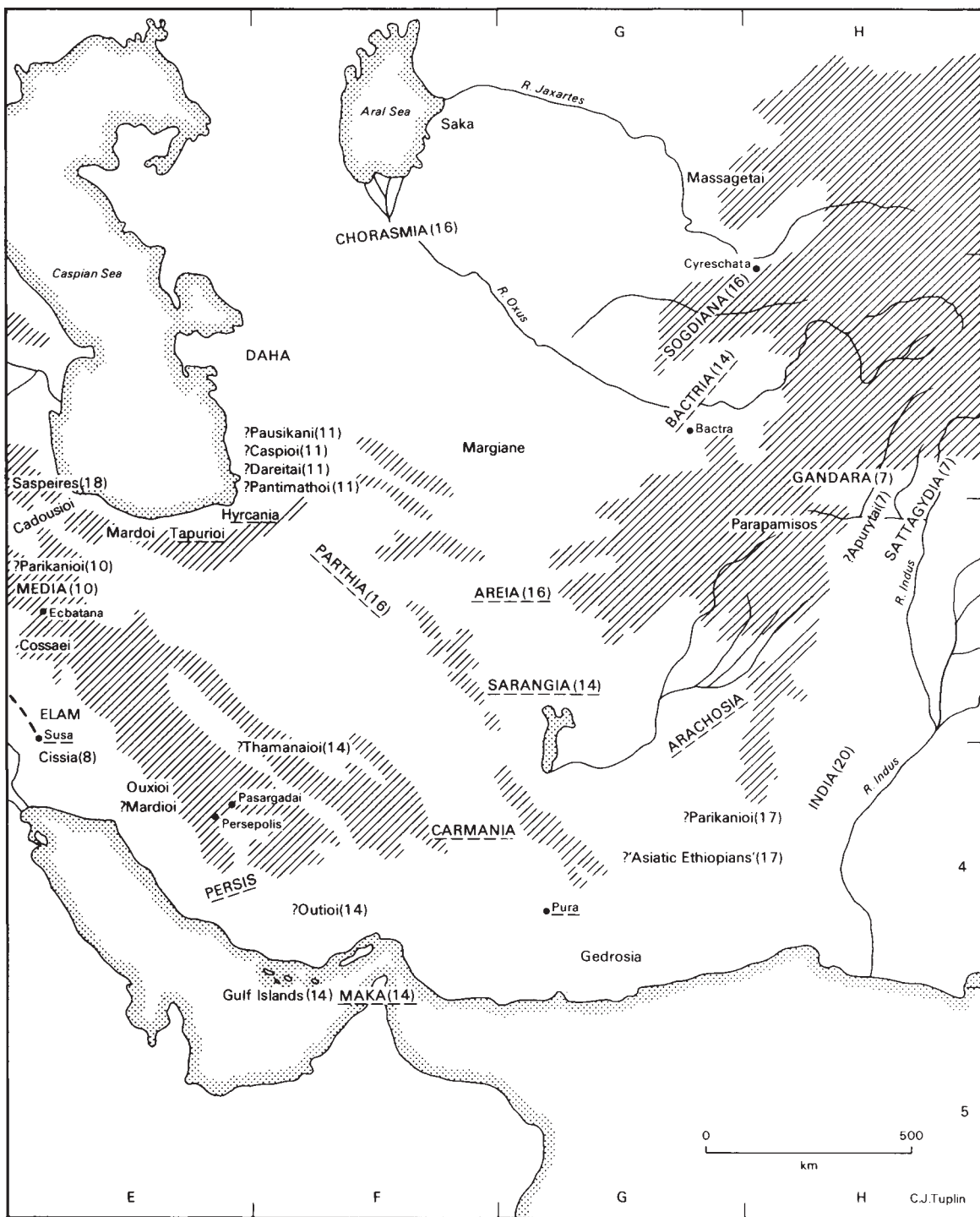
As seen above (pp. 13–15), the Archaic period was one of widespread expansion and of increasing prosperity through trade and settlement. Communities either side of the Aegean—like Chalkis,

Eretria, Miletus and Samos—were especially well placed to benefit, as was Crete to the south. On the Greek mainland this growth caused constant rivalry between ambitious neighbours such as Athens, Megara and Corinth. The latter built up a formidable fleet and consolidated her influence in north west Greece. She was also one of the first states where the impact of new wealth weakened the exclusive hold of a traditional landed aristocracy upon government. As a consequence of such strife (*stasis*), Corinth was seized around 655 by a single ruler or ‘tyrant’—not necessarily a pejorative term. Elsewhere too (as at Argos, Sikyon and Samos in particular) powerful tyrants established themselves for one or two generations before giving way to oligarchy or democracy. At Athens—not yet among the leading states—a political and economic crisis was alleviated in 594 by a mediator, Solon. But faction fighting persisted, so that eventually from 545, at his third attempt, Peisistratus set himself up as tyrant: he proved a wise ruler who, followed by his sons, did much to unify and stabilise Attica over 35 years, as well as to strengthen the economy. Athenian interest in Sigeion and the Thracian Chersonese, on the trade route to the Black Sea, dates from the sixth century.

On the eastern seaboard of the Aegean, the Greek cities first withstood Cimmerian incursions, and then from the 670s more persistent onslaughts by the Mermnad rulers of Lydia, a power which came to stimulate its Greek neighbours as well as to antagonise and dominate them. Coinage, for example, was a Lydian invention imitated by Greeks from about 600. The most successful military resistance was that of Miletus, arguably the greatest Greek city of the day, celebrated for its encouragement of culture and scientific enquiry as well as of colonial ventures northwards. Yet Lydia, and with it the Greek cities beyond, fell to Persia in the mid-sixth century. Thereafter Persian encroachment westwards was to make a lasting impact upon Greek history.

PERSIAN EMPIRE c 550-330







The empire was largely created by the absorption in turn of four previous Near Eastern great powers. First, c. 550, the Median empire, stretching from the R. Halys to an uncertain eastern frontier. By 522/21 Persian rule ran as far as Sogdiana and eastwards across the Hindukush, but some of this area may have been acquired separately by Cyrus, who died trying to advance beyond the R. Jaxartes. Second, c. 540, the Lydian empire, extending west of the R. Halys to the sea. Third, from 539, the Neo-Babylonian empire, consisting of Mesopotamia, Susiane and Abarnahara ('Beyond the River', i.e. Syria/Palestine). Fourth, from 525, Egypt, extending south along the R. Nile to Elephantine/Syene. In addition, Cyprus came as either a precursor or a consequence of the conquest of Egypt; Cambyses had Arab help in 525 and Darius claimed 'Arabia' as subject in 522/21; Cilicia voluntarily submitted to Cyrus, retaining a native dynasty almost continuously until the fourth century. Herodotus and Persian 'Lists of Peoples' show significant additions by Darius: c. 518, India (West Indus valley); some east Aegean islands—Samos, Lesbos, Chios among them—and c. 513 Greek cities on the north Aegean coast; c. 513/12, Thracians south, and possibly north, of Mount Rhodope; c. 512 or 492, Macedonia; c. 513, Libya. The Persian lists alone add Ethiopia, Caria (not a new conquest) and, untruthfully, 'Scythians beyond the Sea'. Two new names appear in Xerxes' reign, Akaufaka (unlocated) and Daha. However his Greek failure ended expansion and brought permanent loss of European subjects, though, exceptionally, Persian occupation of Doriscus persisted for decades.

At best the empire now stretched from west Anatolia, the Levant and Egypt to Bactria/Sogdiana and India. Chorasmia was certainly lost by the 330s, though some Indians did fight at Gaugamela in 331, coming perhaps from areas where Alexander later encountered native rulers still calling themselves hyparchs or even satraps. Even so, the empire never truly included *all* areas lying within the geographical limits outlined. Mysia, Pisidia and the Cardouchi, for example, appear autonomous c. 400, and this may be the

norm at all periods. Throughout the empire's history rebellion was a chronic problem—both nationalist secession, and satrapal attempts to seize the throne or to establish independent principalities. In 522 Darius' usurpation occasioned rapidly suppressed disturbances in Elam, Babylonia, Assyria, Armenia, Egypt, Media, Parthia-Hyrcania, Sagartia, Sattagydia, Scythia, as well as in Persia itself. Lydia had revolted immediately after Cyrus' conquest, the Asiatic Greeks and Caria in 499–4, parts of Cyprus in 498–7 and possibly 478, Egypt in 486–5, Babylon in the late 480s. Certain unsatisfactory satraps had to be forcibly removed—like Oroetes at Sardis (c. 520), and Aryandes in Egypt (after 513).

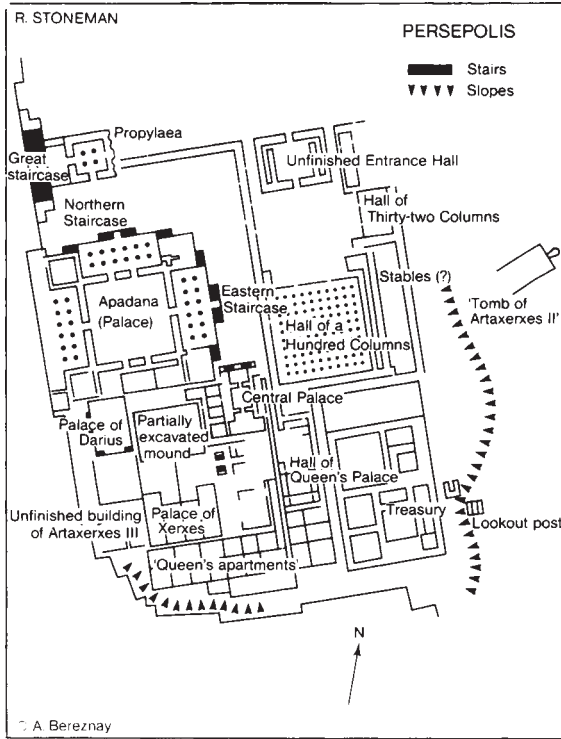
After 480/79 the Asiatic Greeks rebelled again and were only regained securely by the King's Peace of 387/86. Egypt was persistently troublesome with two major rebellions: the first in the late 460s was not suppressed until c. 455, with instability in the Nile Delta lasting even longer; the second, c. 404, brought independence until 343. There soon followed a third Egyptian rebellion between 338 and 336. Various parts of Phoenicia, Cilicia and Cyprus saw disturbances in the 380s, late 360s and early 340s. There were rebellions by satraps in Abarnahara (440s, Megabyxos; c. 416, Artyphius), Lydia (c. 416, Pissouthnes; 401, Cyrus; late 360s, Autophradates), Hellespontine Phrygia (360s, Ariobarzanes; 350s, Artabazus), Caria (360s, Mausolus), Cappadocia (late 370s and 360s, Datames), and Armenia (late 360s, Orontes). Further east the evidence is less good, but shows a Median rebellion c. 408, a period of Cadusian secession from 405 to the 350s, and rebel satraps in Bactria (late 460s), Hyrcania (425/24, Ochus, alias Darius II), and possibly eastern Iran (under Darius II, Teritouchmes).

The political geography of the empire is a contentious topic. The present map seeks at least to take account of four types of enumeration of its constituent parts, though location is often conjectural and in some cases has not been attempted:

- (a) the subject peoples in various, mostly Darian, royal texts (*not* satrapy lists);
- (b) the 20 *nomoi* or satrapies in Herodotus 3.89 ff.;
- (c) the nations found in Persian armies, especially those of Xerxes and of Darius in 331; in the

former instance, the account of Herodotus 7.61 ff. is nearly identical with (b) above;

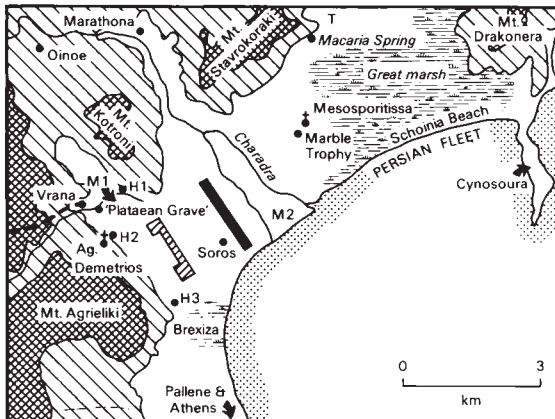
(d) the nations represented, either singly or in conjunction with others, in attested satrapal titles; this is a fluid list, especially in better documented areas, compiled almost entirely from *Greek* sources.



### Persepolis

The ceremonial capital of the Persian Empire lies in south west Iran, on the north side of the plain of Marvdasht. Though the site may have been used by Cambyses II, it was Darius the Great (522–485) who was responsible for the foundation of the present complex. Most of the building was accomplished in the reign of Xerxes, in the thirteen years following 485. Buildings of this period include the Gateway of All Lands, the Hall of a Hundred Columns, and the Northern Staircase. Persepolis was the gathering place for the annual presentation of tribute to the Great King. This scene is represented in the magnificent reliefs of the Northern Staircase. The palace was destroyed by fire by Alexander the Great—by accident or design—in 330. Many of the stone slabs exhibit the marks of cracking by fire. Further columns have collapsed with the passing centuries. A few miles to the west are the tombs of the Achaemenid kings at Naqsh-e-Rustam, and further north Pasargadae and the tomb of Cyrus.

### MARATHON, 490 B.C.



- H1, H2, H3 Suggested sites for Herakleion
  - M1, M2 Suggested sites for Marathon Deme
  - T Tricorynthus Deme
  - Hill road to Athens
  - Persians
  - ▨ Athenians & Plataeans
  - ▩ Land above 200m
  - 50m
- C.J.Tuplin

### Marathon, 490 BC

The presumable position of the Athenian camp by the western foothills (at a Herakleion, not securely identified), and the certain position of the *Soros* (Athenian mass-grave), guarantee the main battle's location west of the R.Charadra; and if the re-

mains of the later trophy were not significantly moved when reused in the Middle Ages, they may confirm the slaughter of fleeing Persians by the Great Marsh, shown in the Stoa Poecile painting. (The supposed 'Plataean Grave' near Vrana, and all dependent suppositions about the battle, should be rejected.) Much about the campaign is disputed. Did the Athenians move their camp dur

ing the days before the battle? What eventually precipitated the engagement? Likewise with regard to the battle itself, were the lines parallel with, or at right angles to, the shore? In this connection Herodotus' reference to the Persian centre pushing towards the *mesogaia* is unhelpful. Why did the Persian cavalry make no significant contribution?

---

## Persian Wars

---

The 'Persian Wars'—*ta Medika*, 'Median things'—conventionally describes the two occasions on which Persian armies had to be driven out of the heart of mainland Greece.

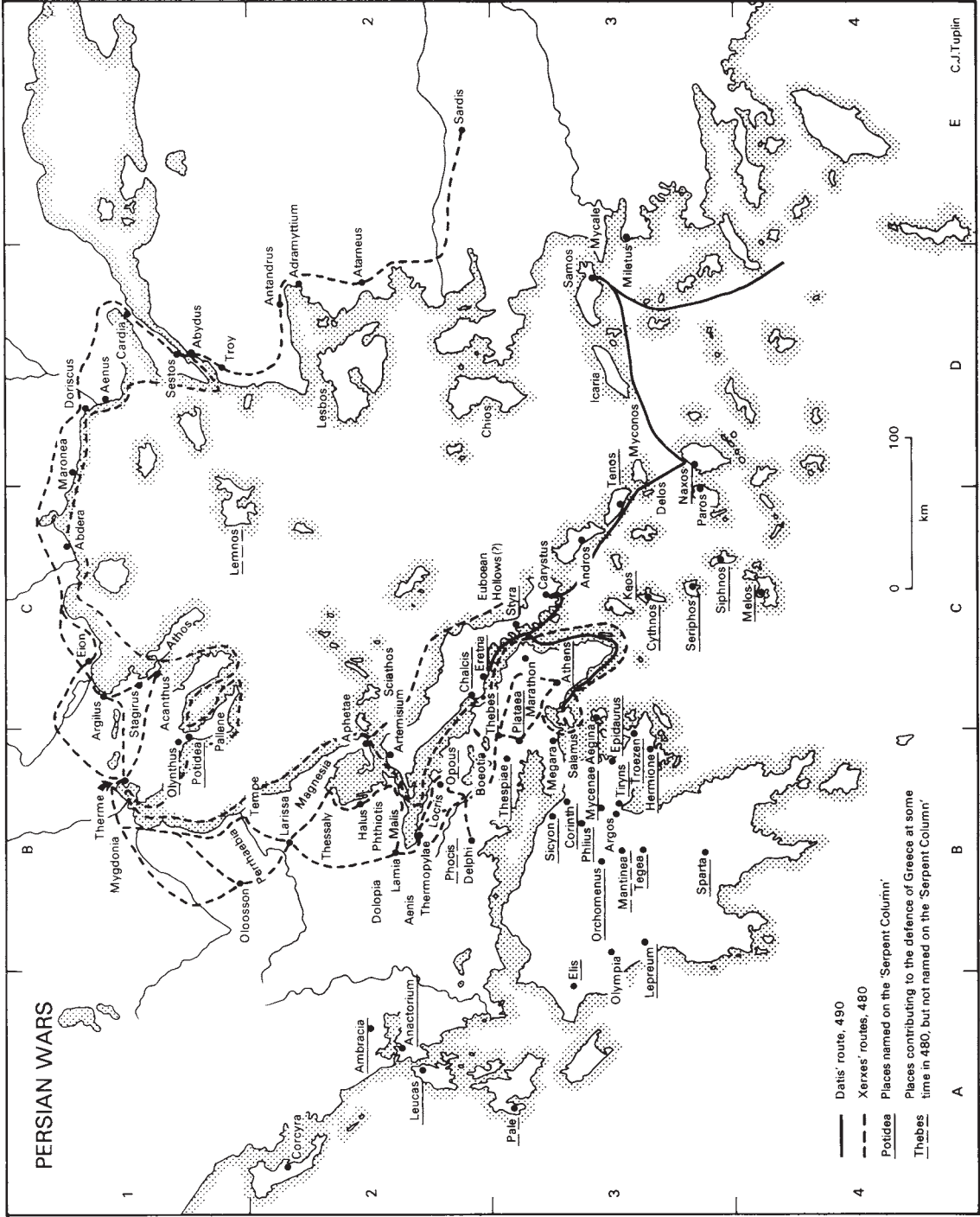
(1) In 490 Datis led across the Aegean a seaborne expedition against Eretria and Athens, the two mainland states which briefly participated in the 'Ionian revolt' of Persia's Greek subjects in western Asia Minor (499/4). Persian aspirations on the mainland extended beyond Eretria and Athens. An earlier, unsuccessful punitive expedition against them had been instructed to conquer whatever it could, and Darius sought formal submission from other Greek cities in 491/90. But there was no general movement by the Greeks to resist Datis. Only Athens helped Eretria, and only Plataea helped Athens. The Spartans did march north, but arrived too late. When Eretria fell through treachery after a brief siege, the population was deported to Cissia. However a different fate was presumably intended for Athens, since the exiled tyrant Hippias, who accompanied Datis, was hardly going to be restored to a deserted, smoking ruin. In the event the Athenians chose not to await a siege, but confronted the Persians where they landed in Attica, at Marathon (see p. 21). Despite their defeat here the Persians did then sail on to Athens, but proved unwilling to risk an opposed landing, and so returned to Asia Minor.

(2) Xerxes' expedition (480/79) was much larger in scale, and was confronted by a more concerted resistance from the Hellenic League. The Serpent Column erected at Delphi as a thank-offering after Plataea listed 31 participants in the war, though it omits states which medized after initial resistance and some others. Xerxes planned a steady advance into the Greek peninsula from the north by army

and fleet acting in conjunction. The overriding concern of the Spartan leaders of the League—protection of the Peloponnese—was not shared by Athens, whose fleet was vital to the Greek cause. There were therefore persistent and deep-rooted differences over strategy among the Greeks. But they did agree upon successive attempts to halt Xerxes at Tempe (abandoned as unsuitable before his arrival there), Thermopylae/ Artemisium (p. 24), and Salamis/Corinthian Isthmus. Both the latter were co-ordinated land/ sea positions designed to keep the enemy army and fleet out of mutual contact; in the event the Persian army never actually reached the Isthmus. After the defeat at Salamis in September 480, Xerxes, together with his fleet and part of the army, retired to Asia Minor. The remainder, under Mardonius, wintered in Thessaly and Macedonia.

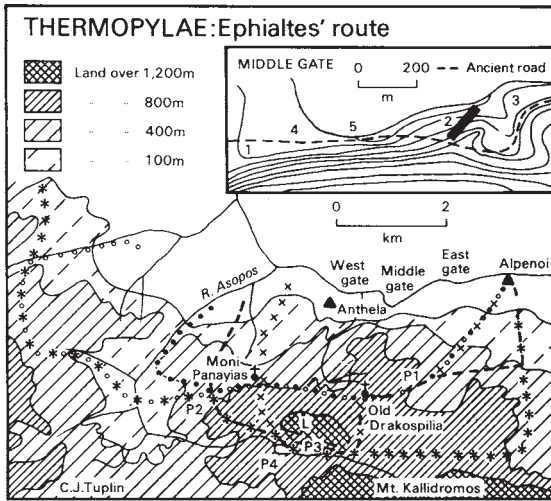
Neither side hurried into action the following year. In particular the Hellenic League, dominated by Sparta, showed little enthusiasm for searching out the Persians in northern Greece. Mardonius, after failing to detach Athens by diplomacy, re-invaded Attica. But when the Peloponnesian states eventually mobilised, he chose southern Boeotia as more favourable ground for a decisive confrontation. After their defeat at Plataea (p. 25), the Persians evacuated European Greece, except for garrisons in Thrace and the Black Sea approaches. Meanwhile after some hesitation a League fleet crossed the Aegean and defeated the Persians at Mycale, provoking a second Ionian revolt. The subsequent capture of Sestos (479) and of Byzantium (478) brought operations by the Hellenic League to an end, and marks the lowest limit of what would normally be called the Persian Wars.

# PERSIAN WARS



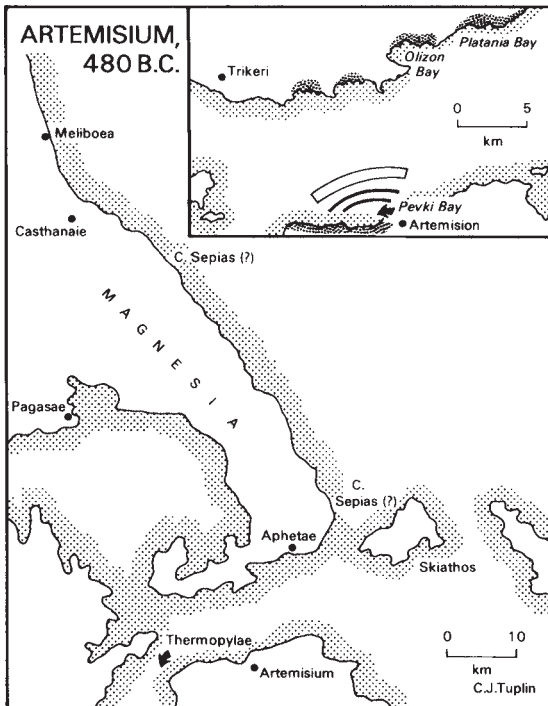
- Datis' route, 490
- - - Xerxes' route, 480
- Places named on the 'Serpent Column'

Places contributing to the defence of Greece at some time in 480, but not named on the 'Serpent Column'.



## Thermopylae: Ephialtes' Route

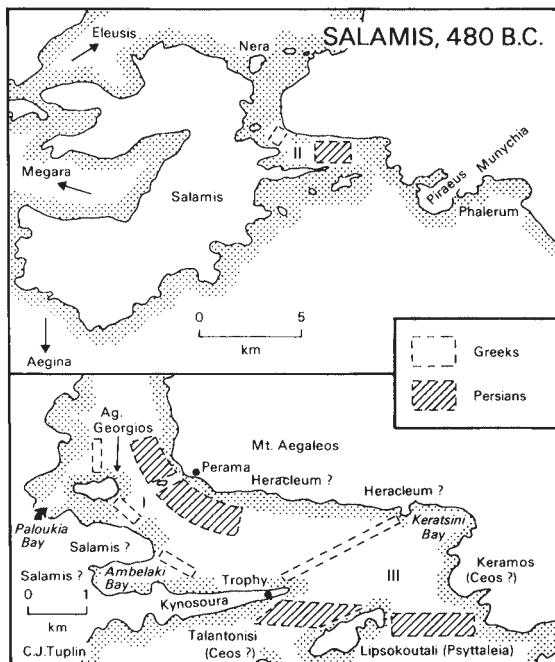
The fighting in the Middle Gate near the Hot Springs [1] is straightforward: for two days the Greeks repelled assaults in front of the Phocian wall [5]; on the third day they pushed further west [4], but then retreated to a hillock west of the wall [3], and were annihilated by attacks from front and rear. The location of the Middle Gate is quite clear, thanks to identification of the wall [2]. The major topographical problem is identification of Ephialtes' route. Disagreement centres around four questions. Did the route reach high ground south west of Thermopylae directly, or via the Asopos Gorge, or by a long western detour? Did it pass north of Mount Lithiza, or south? Where did it descend to the coast? Where was the Phocian detachment? The map shows the route and Phocian position according to Grundy (....., P1), Munro (ooo, P2), Burn 1951 (xxxx, P3), Burn 1977 (\*\*\*, P3), and Pritchett (-, P4).



## Artemisium, 480 BC

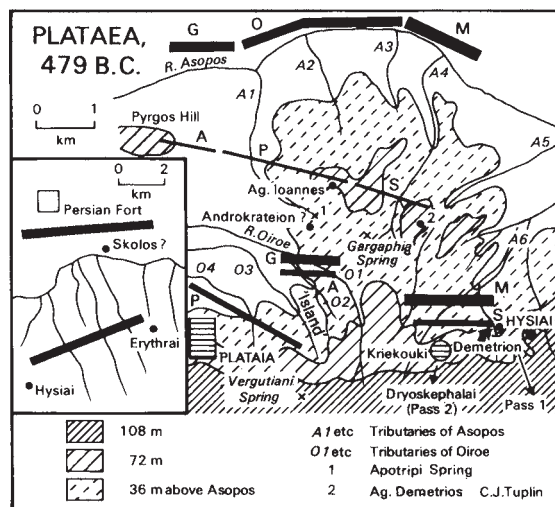
The Greek position at Pevki Bay is guaranteed by discovery of the Artemis shrine. Aphetae, the Persians' headquarters, was probably at Platania, though their fleet doubtless occupied several beaches (suitable areas are shaded on the inset map). The fighting involved two afternoon raids on Persian positions (not shown), and a full-scale Persian attack on Artemisium. Herodotus' account of the first engagement—the ships fighting in concentric circles, with the Greeks *inside*—is incredible, while of the last he says only that the Persians attacked in a crescent. It is crucially unclear how far north this encounter occurred. The map assumes a position near Pevki and, consequently, two Greek lines. Other related problems include the location of earlier Persian moorings 'between Casthanaie and Cape Sepias', and the timing and credibility of the attempted Persian circumnavigation of Euboea.





## Salamis, 480 BC

All discussions revolve around crucial obscurities. (1) Was the Greek fleet largely in Ambelaki or Paloukia Bay? (2) Was the Persian fleet's dawn position (a) along the Attic shore facing Ambelaki and/or Paloukia [I], (b) across the strait from Kynosoura to the Attic shore [II], or (c) from Kynosoura towards Piraeus facing north [III]? (3) If (c), was the battle precipitated by the Persians sailing into the channel (and if so, was the eventual engagement of type I or II?), or by the Greeks coming out to a position across the channel entrance opposite the Persians [III]? The ancient battle monument on Kynosoura favours a southerly position, but does not decide other issues; and Xerxes' reported expectation that Psyttaleia (surely Lipsokoutali) would be near the battle could have been falsified in the event.

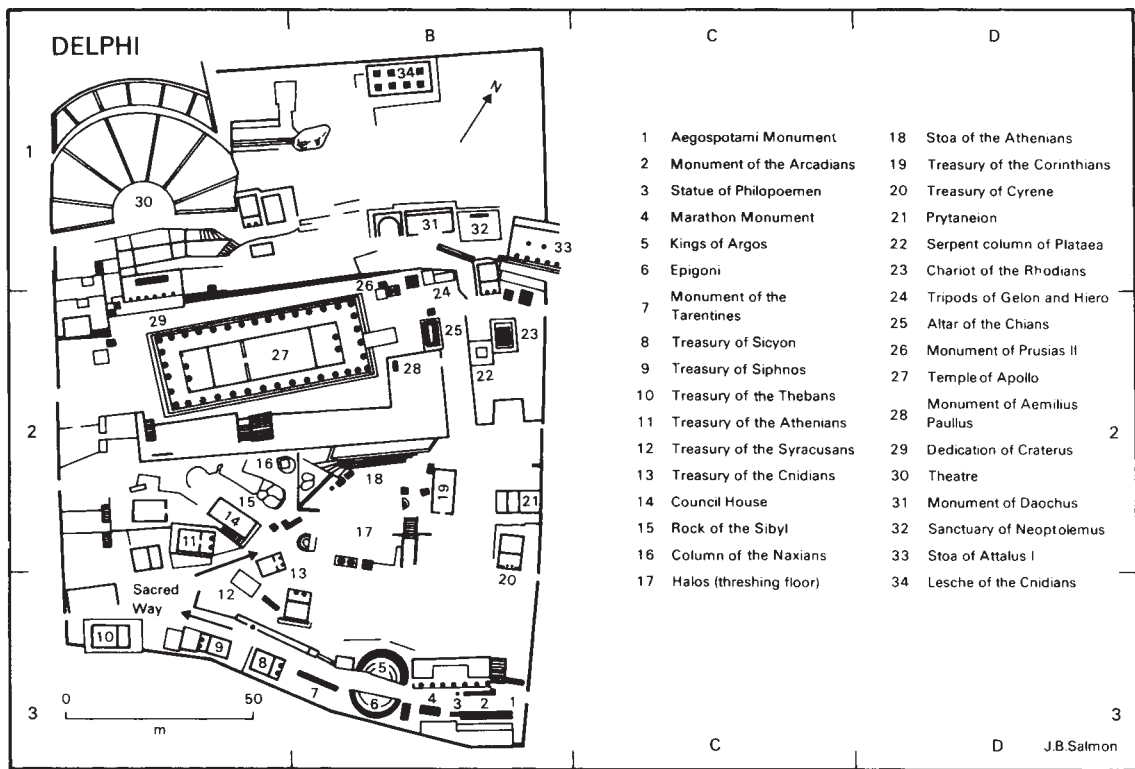


## Plataea, 479 BC

Cavalry attacks and lack of water caused the Greeks to move from their initial position (inset) to the Ag. Demetrios-Pyrgos line (this location depends on the usual equation of Gargaphia with the modern Rhetsi springs). The Persians followed suit north of the Asopos. After 12 days during which the Persian cavalry harassed Greek water-carriers by the Asopos, cut supply lines over Dryoskephalai (day 8), and fouled Gargaphia (day 12), the Greeks moved south in some confusion. The positions of P indicated here, in front of Plataea, and of S, by a Demetrian (site fixed by the find-spot of inscriptions relating to Demeter) are fairly certain; that of A much less so. In their ensuing attack the two Persian wings were defeated and fled to the fort (M) or to Thebes (G), while the centre withdrew without engaging. The left wing of P, moving to support A, was severely mauled by Theban cavalry.

S: Spartans. P: Peloponnesians, Euboeans, NW Greeks, Aeginetans, Megarians. A: Athenians, Plataeans. M: Persians (under Mardonius). O: Medes, Bactrians, Indians, Sacae (under Artabazus). G: medizing Greeks.

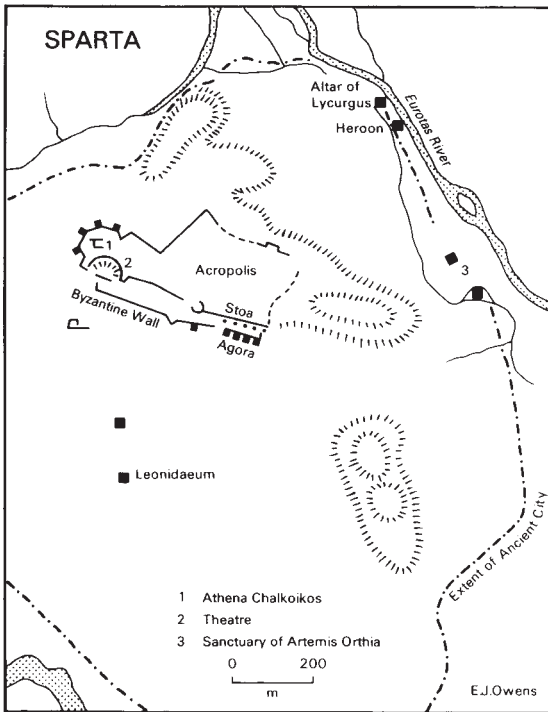




## Delphi

The origins of the oracular cult of Apollo at Delphi are obscure. But its close association with the foundation of colonies in the west in the second half of the eighth century established a reputation which was maintained until a defeatist attitude was adopted to the invasion of Xerxes in 480. The present temple of Apollo (27) was built in the mid-fourth century; the expenses were met by contributions from the whole Greek world. Earlier temples on approximately the same site had been destroyed in 373 and 548. The earliest temple has not yet been traced, but already before the end of the seventh century Cypselus, tyrant of Corinth, built the first known treasury on the site (19). Numerous similar buildings followed, to house moveable dedications; there were already some half-dozen by the end of the sixth century. Other monuments in this panhellenic centre commemorated particular events. Like the treasuries, they were placed beside the Sacred Way, along which

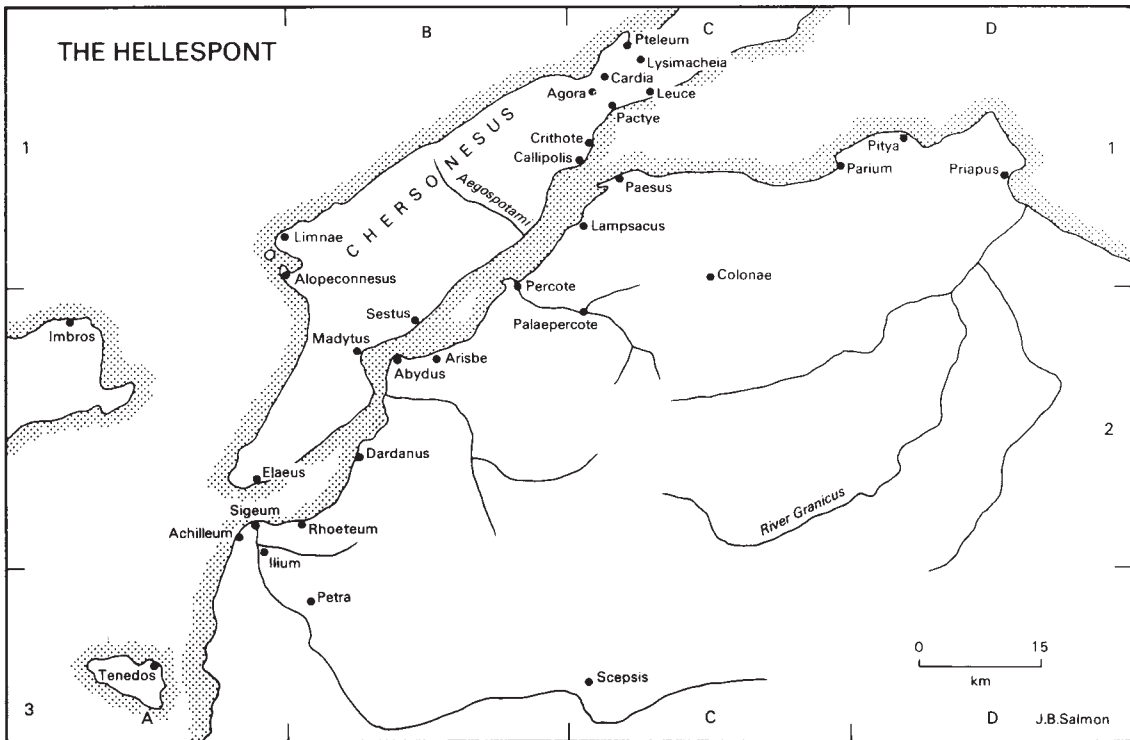
worshippers climbed the steep path to the temple. The Serpent Column (22), dedicated by the combined Greek states after Plataea, was erected near the temple. Lower down, the intercity rivalries which led to many of the dedications are reflected in their locations: just beyond the entrance to the precinct are to be found the Spartan monument for Aegospotami (1), an Arcadian dedication of the fourth century (2), the Athenian monument for Marathon (4) and two Argive structures (5–6), while the Syracusan Treasury (12), built after the defeat of the Sicilian Expedition, faces the Athenian Treasury (11), erected nearly a century before. The changed political conditions of the late fourth century are reflected in the dedication of Craterus (29), which depicted his rescue of Alexander the Great during a lion hunt in Persia. The Halos (17) was the venue for a ritual associated with the cult. Nearly a kilometre away to the south east was the sanctuary of Athena.

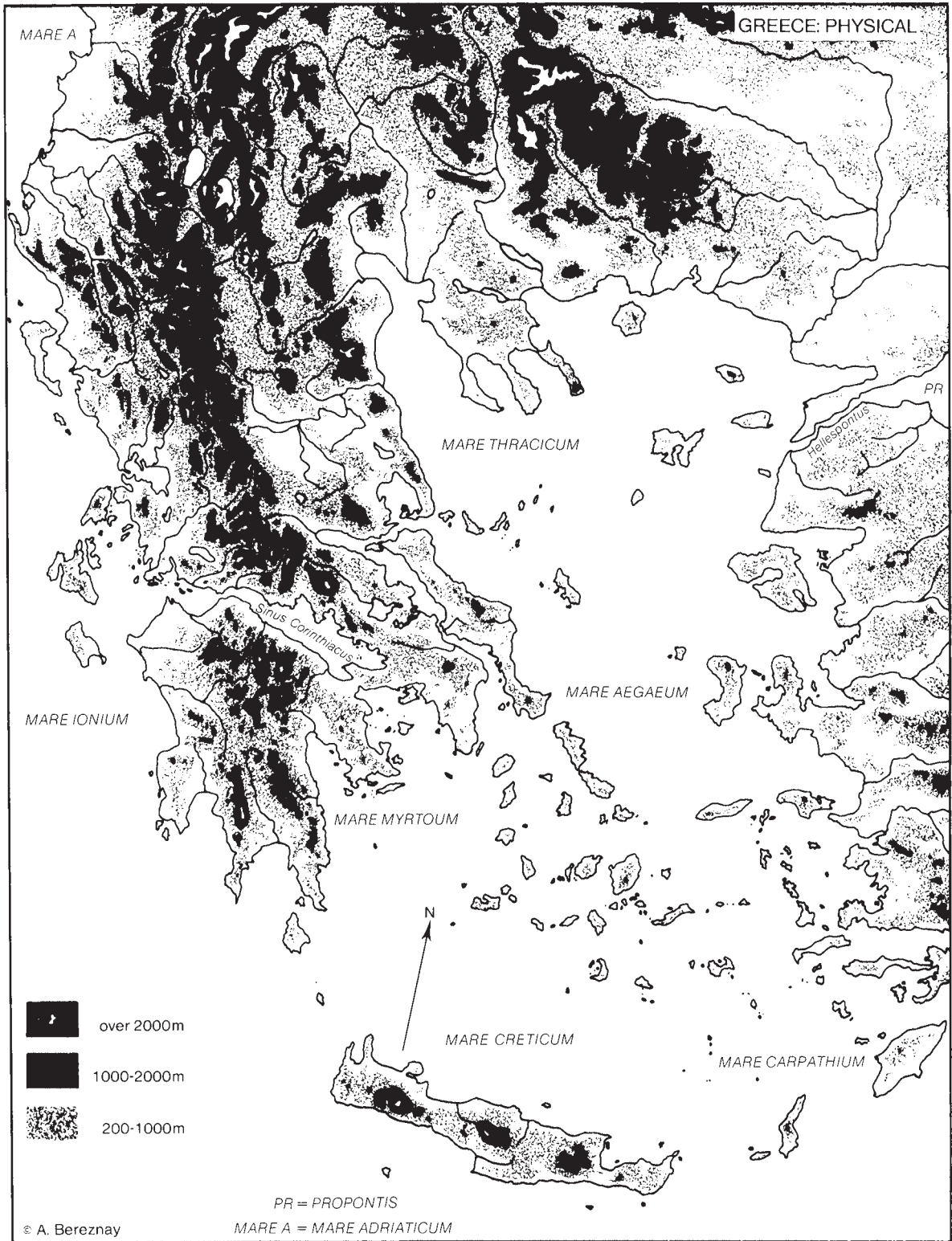


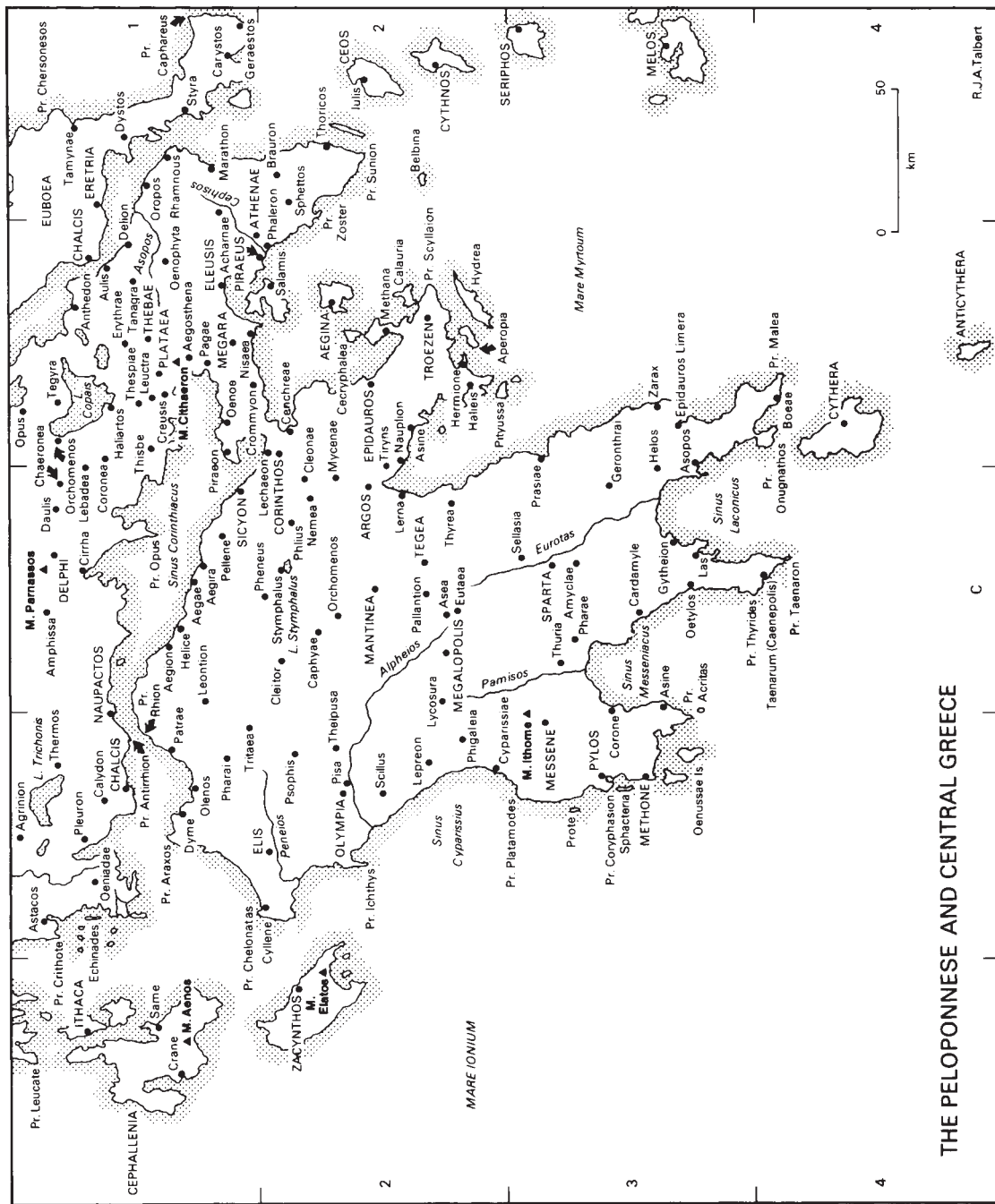
## Sparta

Sparta's abnormal development had profound effects on the city itself. First, Spartans claimed that their soldiers were their walls, and although the city was partly walled in the fourth century, not until the second was it completely fortified. Thus Sparta for long remained a group of loosely-knit villages along the banks of the R.Eurotas. Second, there was no embellishment of the city, and the remains support Thucydides' remark that it possessed few public buildings.

Archaeologists have concentrated on the acropolis, where the site of the archaic temple of Athena Chalkioikos has been identified. The theatre is Hellenistic, as is the small temple to the south, wrongly identified as the 'tomb of Leonidas'. The stoa above the agora is Roman. East of the acropolis, close to the river, other monuments have been found: most important is the sanctuary of Artemis Orthia, where an early altar and temple have been identified. A theatre for spectators was added in the second century AD.



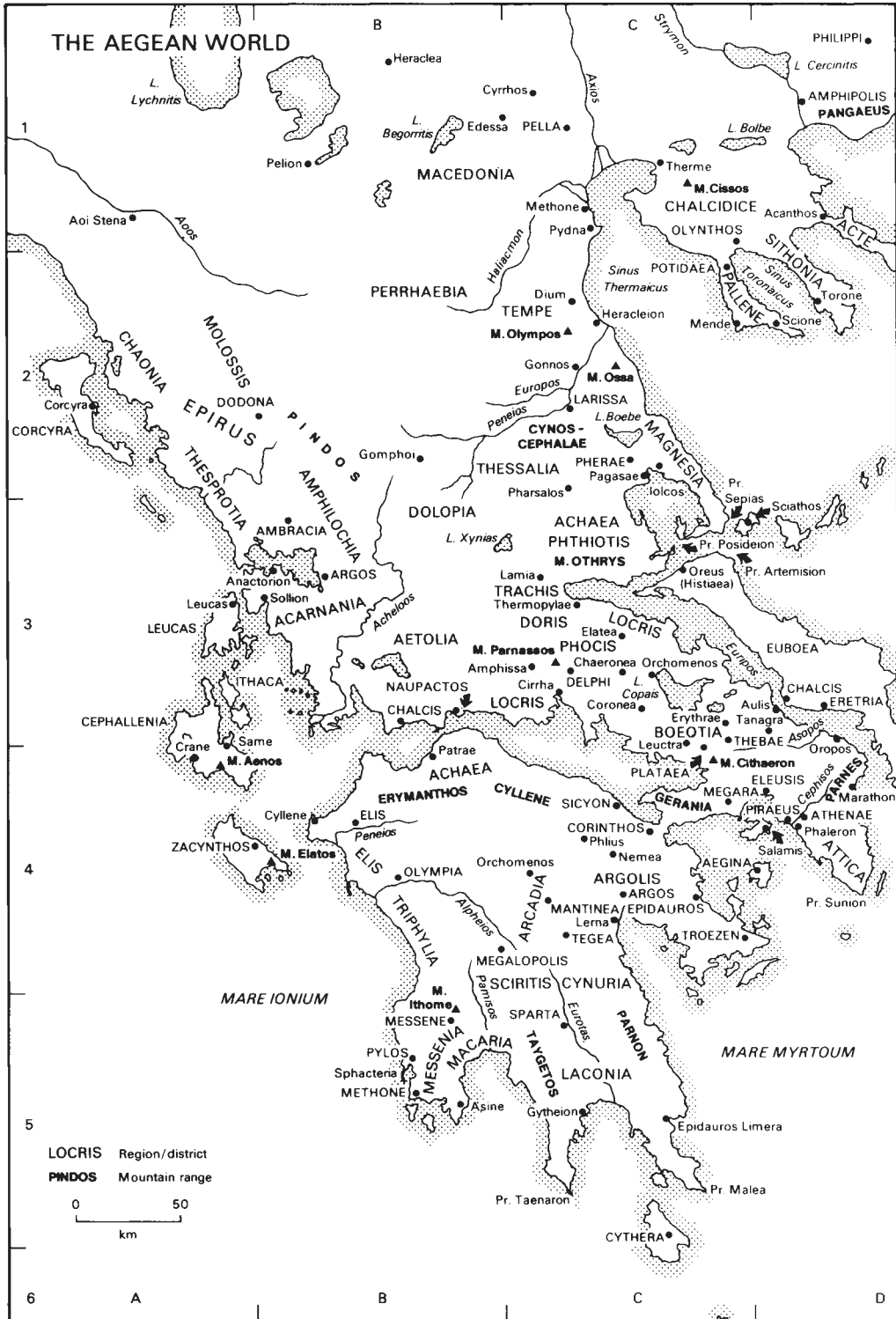




THE PELOPONNESE AND CENTRAL GREECE

R.J.A. Talbert

# THE AEGEAN WORLD



6

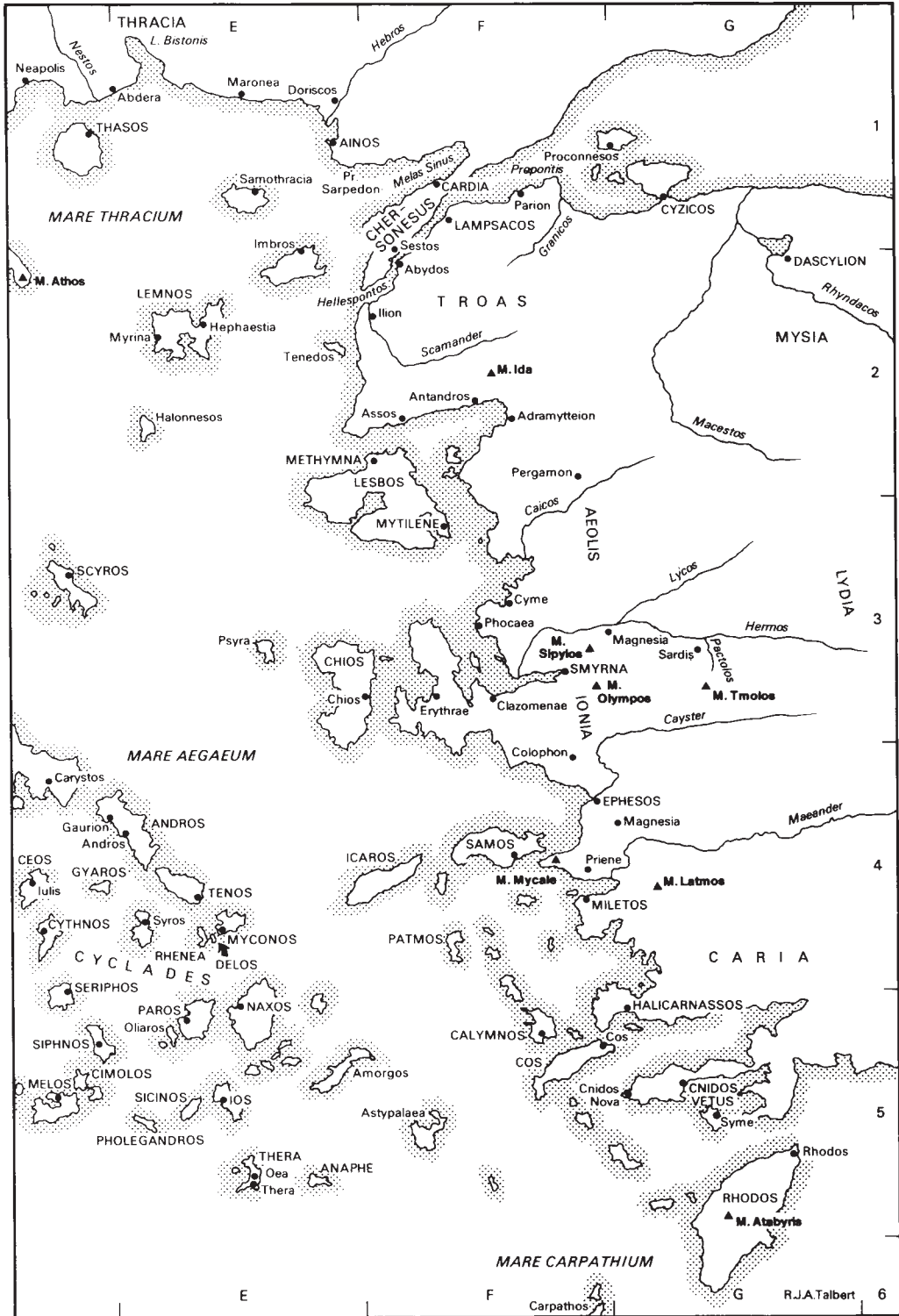
A

B

C

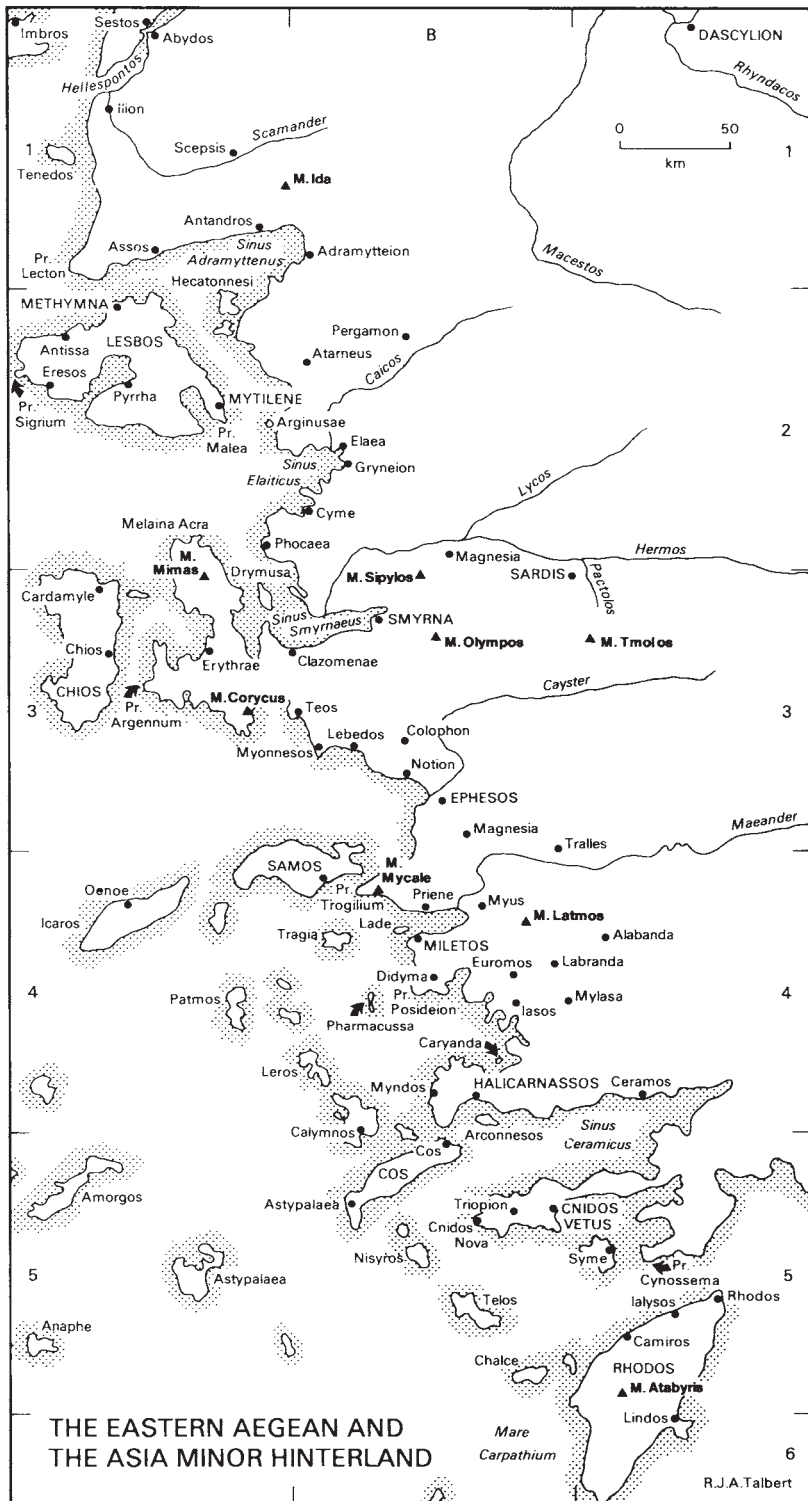
D

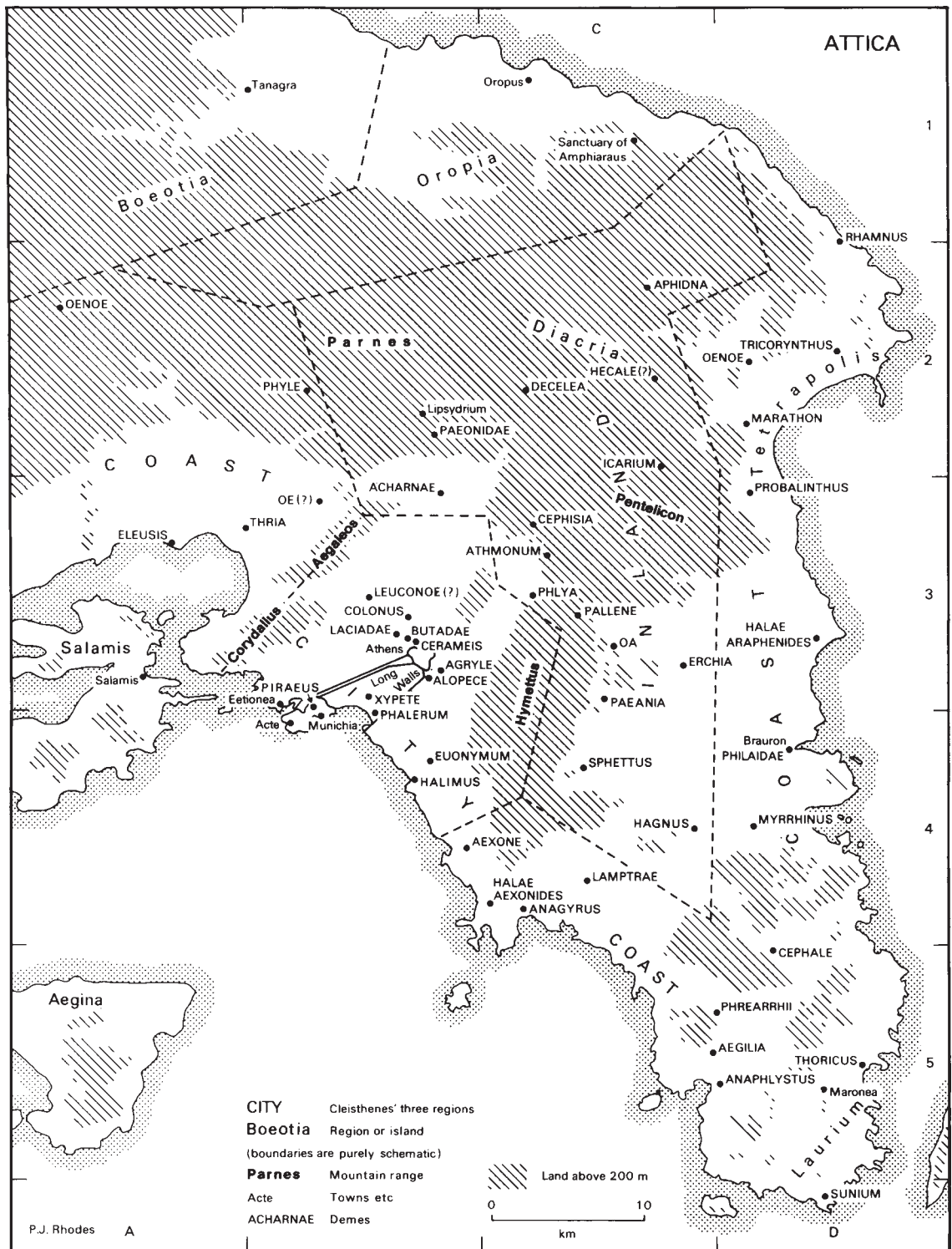












ATTICA

Boeotia

Oropia

Parnes

Diacria

COAST

Tetrapolis

Coenoneo

Pentelicon

Salamis

Aegina

CITY

Cleisthenes' three regions

Boeotia

Region or island

(boundaries are purely schematic)

Parnes

Mountain range

Acte

Towns etc

ACHARNAE

Demes

Land above 200 m

0 10 km

P.J. Rhodes A

D

1

2

3

4

5

C

C

T

A

C

C

C

Laurium

D

OE(?)

THRIA

ELEUSIS

Salamis

Salamis

PIRAEUS

Eetonea

Acte

Munichia

LEUCONOE(?)

COLONUS

LACIADAЕ

Athens

BUTADAЕ

CERAMEIS

AGRYLE

ALOPECE

XYPETE

PHALERUM

Long Walls

ACHARNAE

ATHMONUM

PHLYA

PALLENE

OA

PAEANIA

SPHETTUS

HAGNUS

AEXONE

HALAE AEXONIDES

ANAGYRUS

LAMPTRAE

HALAE

ARAPHENIDES

ERCHIA

Brauron

PHILAI DAЕ

MYRRHINUS

CEPHALE

PHREARRHII

AEGILIA

ANAPHYLSTUS

THORICUS

Maronea

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

SUNIUM

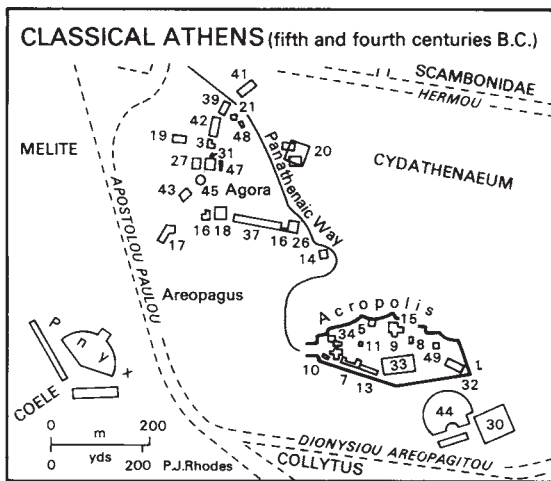
SUNIUM

SUNIUM

## Attica

By the seventh century BC the whole of Attica (about 2,500 sq. km) belonged to the city state of Athens. Eleusis was the last area to be fully incorporated in the state. Salamis, acquired from Megara in the sixth century, Eleutheræ (in the far north west, beyond Oenoe), acquired from Boeotia in the same century, and Oropia, disputed between Athens and Boeotia, were ruled as subject territory. By Cleisthenes' reforms of 508/7 Attica was organised in 139 demes. These were grouped to

form ten tribes in such a way that each tribe comprised one *trittys* ('third') based on, but probably not wholly located in, each of the three regions, City, Coast and Inland. The demes forming a *trittys* were sometimes, but not always, a group of adjacent demes. These tribes and their subdivisions formed the basis of the army and of every aspect of Athenian public life. The Long Walls linking Athens to the harbour town of Piræus were built in the mid-fifth century.



### Classical and Roman Athens: Key

#### Buildings &c.

- |  |  |
|--|--|
| 1 Aglaurus, cave of (new location)                       | 26 Mint  |
| 2 Agrippa, monument of                                   | 27 New Bouleuterium                                    |
| 3 Apollo Patros, temple of                               | 28 Odeum of Agrippa                                    |
| 4 Ares, temple of  | 29 Odeum of Herodes Atticus                            |
| 5 Arrhephori, house of                                   | 30 Odeum of Pericles                                   |
| 6 Arsenal (?)  | 31 Old Bouleuterium                                    |
| 7 Artemis Brauronia, sanctuary of                        | 32 Pandion, shrine of (?)                              |
| 8 Athena, altar of                                       | 33 Parthenon   |
| 9 Athena, site of old temple of                          | 34 Propylaea   |
| 10 Athena Nike, temple of                                | 35 Roman Agora   |
| 11 Athena Promachus, statue of                           | 36 Rome and Augustus, temple of                        |
| 12 Basilica  | 37 South Stoa  |
| 13 Chalcothece   | 38 Stoa of Attalus                                     |
| 14 Eleusinium  | 39 Stoa of the Basileus                                |
| 15 Erechtheum  | 40 Stoa of Eumenes                                     |
| 16 Fountain houses                                       | 41 Stoa Poecile  |
| 17 Gaol  | 42 Stoa of Zeus  |
| 18 Heliæa  | 43 Strategeum (?)                                      |
| 19 Hephaesteum ('Theseum')                               | 44 Theatre of Dionysus                                 |
| 20 Lawcourts (two small buildings replaced by one large) | 45 Tholos  |
| 21 Leocoreum   | 46 Tower of the Winds                                  |
| 22 Library of Hadrian                                    | 47 Tribal Heroes, statues of (fourth-century location) |
| 23 Library of Pantaenus                                  | 48 Twelve gods, altar of                               |
| 24 Metroum   | 49 Zeus Polieus, shrine of (?)                         |
| 25 Middle Stoa   |  |

#### MELITE

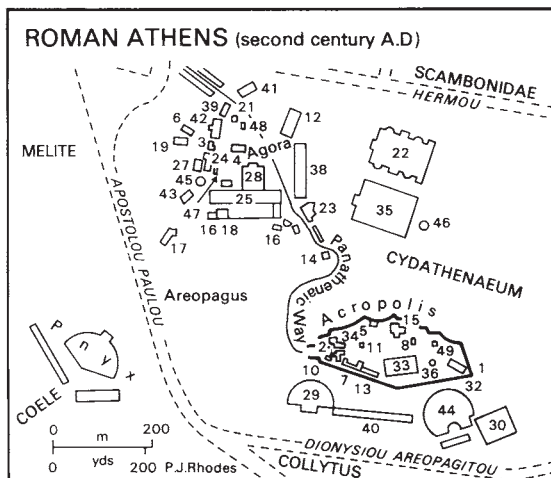
Demes

Pnyx

Other ancient features

HERMOU

Modern streets



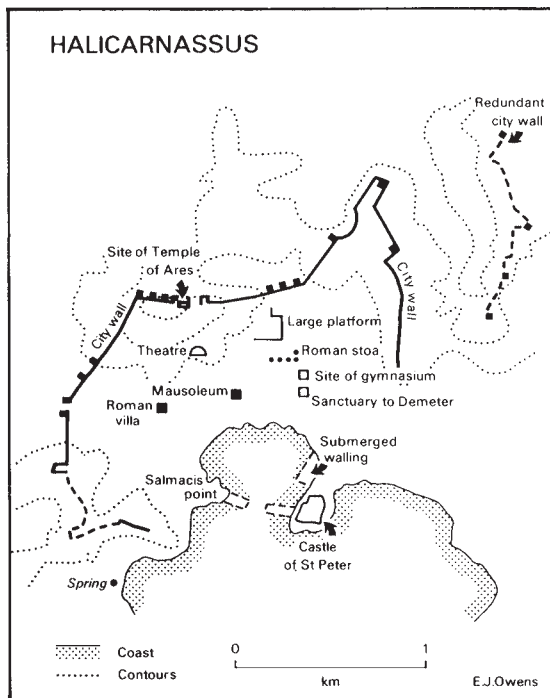
---

## Athens

---

There is space here to show the centre of the city only. Athens, eight km from the sea, was occupied from the Neolithic period; a wall was built round the Acropolis in the Late Mycenaean period (thirteenth century BC). In classical Athens the Acropolis was the religious centre, where the principal temple of Athena stood (from the 440s/30s onwards, the Parthenon). The Areopagus was the meeting-place of the oldest council of state. In the sixth century the area to the north of it was cleared of private houses and graves, and became the Agora, the main square of the city; major civic buildings were erected on its west side in the fifth century. This may have been the original meeting-place of the assembly: the Pnyx was set out for the assembly in the fifth century.

In the Roman period a new market and the Library of Hadrian were built to the east of the Agora, and there was expansion further east in the 'City of Hadrian', an area occupied in classical times, but outside the classical city wall. Athens was sacked by the Persians in 480/79, by Sulla in 86 BC, by the Herulians in AD 267, and on various occasions thereafter. Although in prosperous times a greater area was occupied, a new wall after AD 267 enclosed simply the Acropolis and the area due north as far as the Roman market. The Parthenon, Erechtheum and Hephaestum were all converted into Christian churches, and later the Parthenon became a mosque: that so much of them survives is due to this re-use.

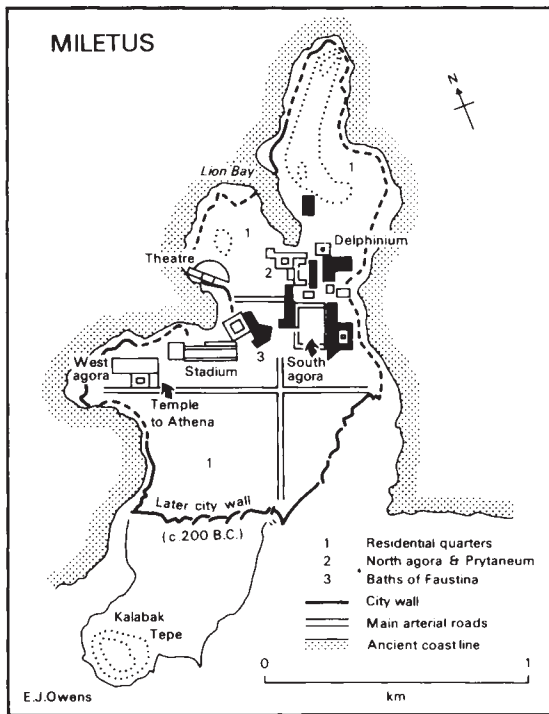


---

## Halicarnassus

---

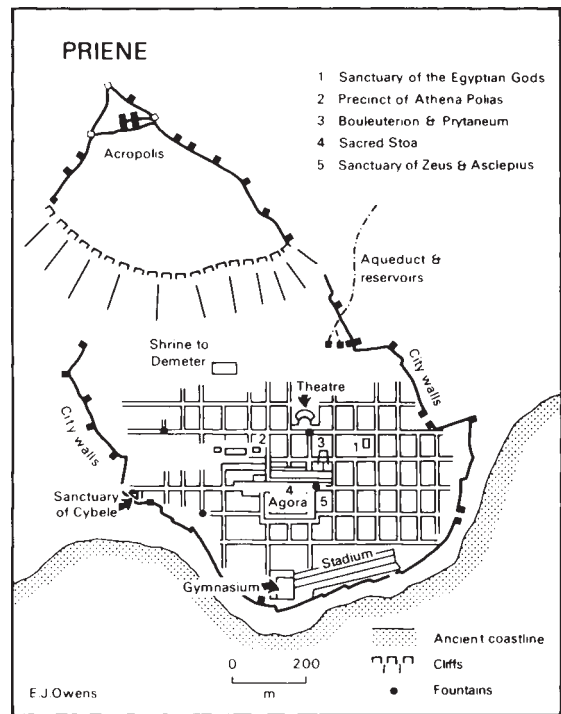
Halicarnassus, occupying a naturally fortified position and with a good, sheltered harbour, was originally colonised by Dorians at the eastern promontory of the harbour (Zephyrion), where the ruined castle of St Peter now stands. Although by the classical period the town had expanded to include the western promontory (Salmacis), and the population had been increased by Ionian and native elements, Halicarnassus remained small until the accession of Mausolus to the satrapy of Caria in 377/6. Realising the advantages of the site, he chose it as his new capital, and transformed Halicarnassus into one of the most splendid cities in the ancient world. According to Vitruvius the buildings, rising on terraces, resembled the tiers of a theatre with the agora close to the shore, the Mausoleum on a broad avenue which ran across the middle of the city, and, dominating all, a temple to Ares on Göktepe. Due to continuous occupation throughout antiquity, only the walls and the sites of a few buildings remain. Thus many topographical details are problematic.



## Miletus

Situated on a peninsula opposite the mouth of the R.Maeander, during the seventh and sixth centuries Miletus became an outstanding cultural and commercial centre. Traces of the extensive archaic city have emerged round Lion Bay and the Delphinium, on the theatre hill, around the temple to Athena, and as far south as the acropolis of Kalabak Tepe. Some parts evidently had a regular layout and basic amenities.

After its destruction by the Persians in 494 Miletus was rebuilt on a grid (only partially known). A large central area was reserved for future public use. In typical fashion the defences were not integrated with the street system, and main roads do not lead directly to the gates. Although the existing monuments are Hellenistic and Roman (the theatre dates to *c.* AD 100), several buildings, especially the northern agora, the Delphinium and the temple to Athena can be traced to the classical period, and the Prytaneum to even earlier. Silting of the R.Maeander eventually led to Miletus' decline.



## Priene

Priene was always overshadowed by nearby Miletus and suffered even more than her from the silting of the R.Maeander. By the mid-fourth century the coast had so receded that the city was refounded on a spur of Mount Mycale further downstream from its original site. It is remarkable for the application of a grid plan to a difficult, steeply sloping location, where the major arterial roads run east-west, while narrower streets, in places reduced to flights of steps, cross these at regular intervals to form rectangular blocks. Most public buildings are concentrated round the centrally sited agora and conform to the grid plan. Exceptionally the stadium, located at the lowest point in the city, is misaligned to take advantage of the level ground of the coast. The theatre—probably the best surviving Hellenistic example—is situated above the civic centre. Alexander, who made a visit here in 334, dedicated the temple to Athena. The terrain allowed water, conveyed by an aqueduct, to be piped throughout the city.





## Greek Sicily

Sicily was one of the first areas colonised by Greeks from the latter part of the eighth century BC, in particular along its eastern and southern seaboard. The settlers' search for fertile agricultural land was amply rewarded, and a flourishing export trade to the Italian peninsula, north Africa and mainland Greece brought the leading communities an impressive level of prosperity. The character of their relations with native peoples varied, but the archaeological record shows how everywhere native territory was infiltrated by degrees, so that after *c.* 400 the tribes fade from the historical record.

Quite independently, Phoenicians were attracted to the far west of the island around the same time as Greeks reached the east. The first Phoenician base, on the tiny island of Motya, was perhaps intended as no more than a port of call on long-distance trading voyages. Thereafter, however (though the time-scale is obscure), cultivation of good land was the principal purpose of settlements at Panormus (Phoenician *Ziz*) and Soluntum, both perhaps dating from the seventh century; Motya was linked to the mainland by a causeway. These communities were independent of Carthage, and their relations with Greeks in the island remained generally excellent until around the end of the fifth century. Even later, when a Punic *epikrateia* comes to be recognised in treaties, it is best taken as a loose 'zone of influence', in no way presupposing a rigid barrier between the two races; while any notion that Carthage desired to further imperialistic ambitions in Sicily is misplaced.

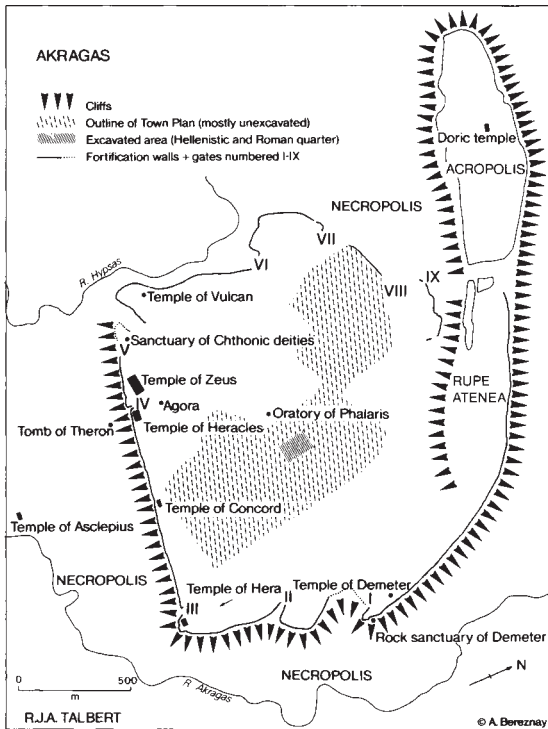
### Syracuse

The eighth century Corinthian settlement at Syracuse was originally confined to the island of Ortygia, which has a fresh water supply in the fountain of Arethusa, and sanctuaries of Apollo and Athena dating back at least to the sixth century. It must have been similarly early that the island became linked to the mainland by a causeway, and the adjacent area of Achradina (A on map) was settled, with agora, fortification wall, and the earliest cem-

eteries beyond. Later the city expanded into the districts of Temenites (TE), Neapolis (N), and Tyche (TY).

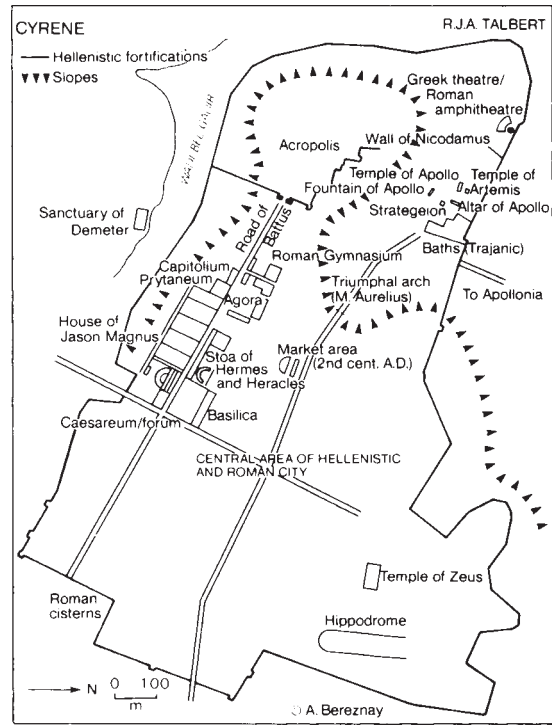
The siege by Athenian forces in 415/13 is narrated in detail by Thucydides: their bases were on the coast in the marshy area of Lysimeleia, on the bleak, waterless headland of Plemmyrium, and on the steep, uninhabited plateau of Epipolae, which dominates the city. But the Athenian plan to confine Syracuse within a wall running from Lysimeleia northwards (proceeding either north or north eastwards across Epipolae) was never completed; the Syracusans built three counter-walls to frustrate their attackers. The city together with Epipolae was ringed with fortifications by Dionysius I in the early fourth century, and a fortress built at Euryalus. Remains of the fine public buildings erected in Neapolis from the third century survive. Elsewhere modern occupation has limited investigation of the ancient city.





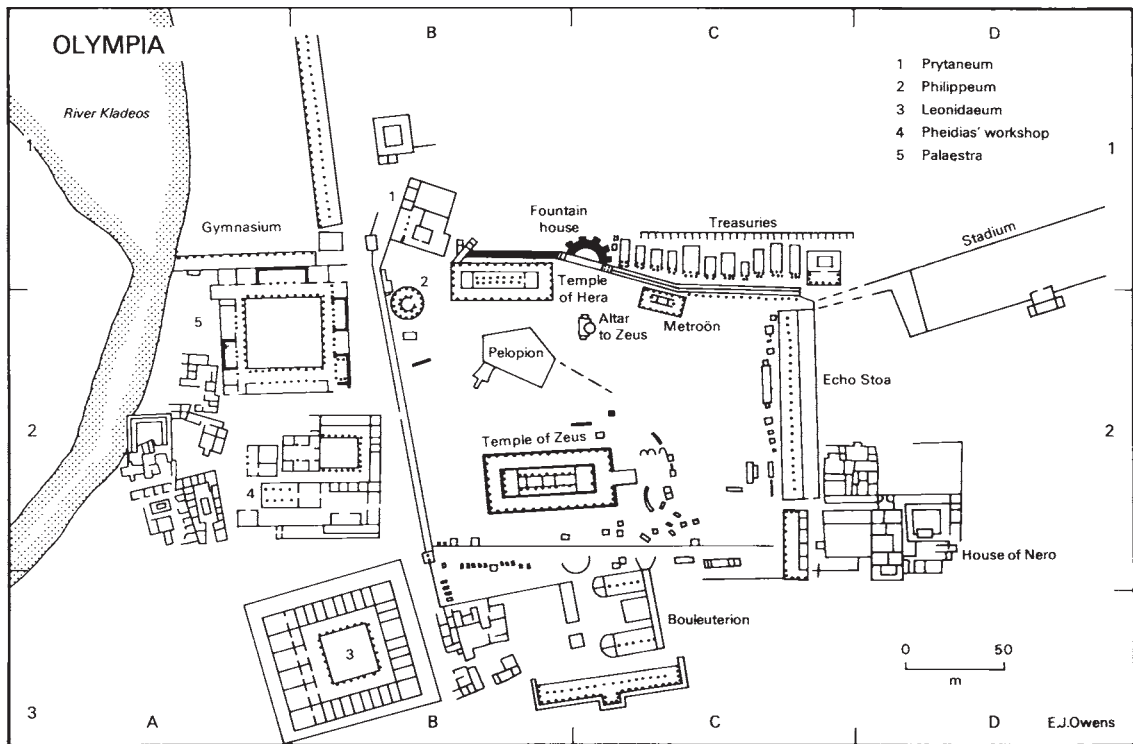
## Akragas

Akragas, founded from Gela about 580 according to the tradition, was protected to the north by a long acropolis hill (the centre of the modern town), and to the south by a ridge below which ran the rivers Hypsas and Akragas. Polybius' description (9.27) rightly praises this splendid site. Strong fortification walls linking both natural features were built early to complete the city's defences. The extensive 'Hippodamian' street layout revealed by aerial photography may also date back to the sixth century. As a result of destruction suffered at successive stages in the city's history, the houses in the excavated area are only Hellenistic and Roman, yet are laid out on the original grid. Along the southern ridge was erected a series of temples and other sacred buildings, which testify to the citizens' ostentation and to the remarkable prosperity of their agriculture during the sixth and fifth centuries. The so-called Temple of Concord is notably well preserved thanks to former use as a Christian church.



## Cyrene

Cyrene was founded from Thera in the late seventh century. It lies about eight km inland from the north African coast; a road led to its port, Apollonia, 19 km distant. The acropolis, where the original colonists may have settled, remains largely unexplored. A predominantly Roman city is visible today, though it retains the layout developed by Ptolemaic rulers, as well as some remodelled structures of the Hellenistic period. It was then that long fortification walls were built, encircling two hills which rise to 620 m in height, separated by a valley dropping away to the north west. The town of Shahat on the north east hill occupies much of the centre of ancient Cyrene. So excavation has been concentrated upon areas with no modern settlement, the sanctuary of Apollo and the south west hill. Both public buildings and private residences along the Road of Battus between the agora and the forum show the city to have been a flourishing Roman provincial capital. Widespread, fanatical damage in the course of the Jewish revolt of AD 115-17 was made good.



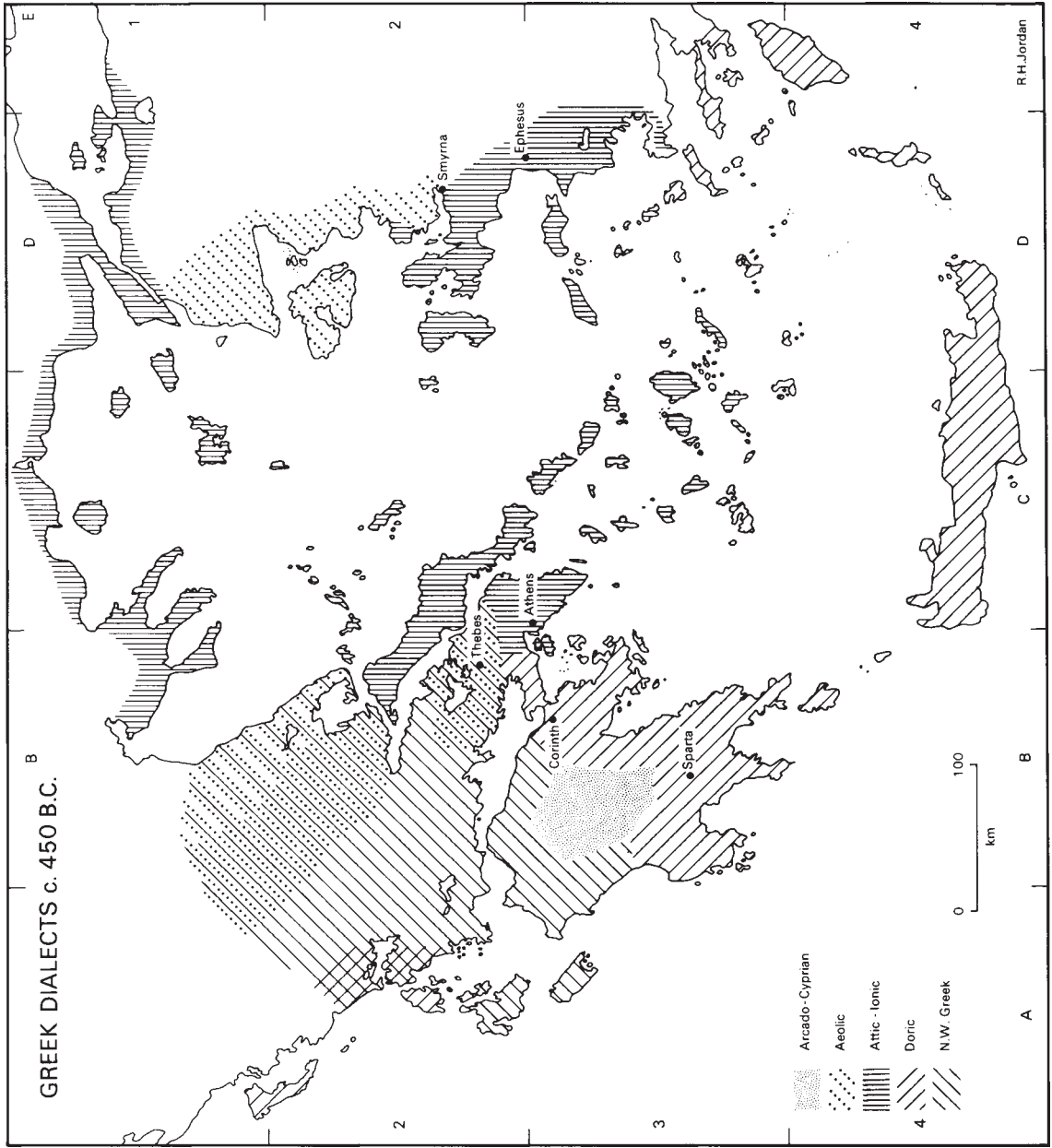
## Olympia

The sanctuary of Zeus at Olympia, situated in a pleasant, wooded valley close to where the rivers Kladeos and Alphaeus meet, was one of the most famous shrines in Greece. In connection with the four-yearly games celebrated here the sanctuary was embellished by dedications of buildings, sculptures and other monuments.

The precinct itself, the Altis, stood at the foot of Kronos Hill and contained the major religious buildings. On its northern side were situated a temple of Hera with Zeus and a small metroon. The former was originally constructed of mud brick with wooden entablature and columns, although parts were later replaced in stone. The latter, built in the fourth century, honoured Rhea, mother of Zeus. The immense temple to Zeus stood on the southern side. Built *c.* 460 it housed Pheidias' great chryselephantine statue of the god. Other religious monuments within the precinct were the Philippeum, the circular building west of the Heraeum begun by Philip II of Macedon; the

mound covering the supposed tomb of Pelops; and an open-air altar in honour of Zeus.

Since the Altis was the gods' preserve, monuments associated with the administration of the site and the celebration of the games were located outside. To the west were the gymnasium and palaestra, the workshop of Pheidias (identified by tools and a cup bearing his name), priests' accommodation, baths, and the Leonidæum, providing accommodation for distinguished visitors. To the east, the precinct was flanked by the stadium, which originally encroached upon it, the late fourth-century Echo Stoa (replacing a classical stoa), and the house constructed for Nero's visit. On the northern boundary a series of treasuries was situated, the majority dedicated by Greek cities in southern Italy and Sicily. Next to these Herodes Atticus provided a fountain house, the first at Olympia. The appeal of the sanctuary remained widespread until its enforced closure by Theodosius I at the end of the fourth century AD.



- Arcado-Cyprian
- Aeolic
- Attic-Ionic
- Doric
- N.W. Greek

R.H. Jordan

In his *History* (7.57–8), Thucydides surveys the contingents from the various states and islands involved in the Athenian expedition against Syracuse, dividing them into three main groups—Dorian, Ionian and Aeolic. These three groups were living in clearly divided bands along the coast of Asia Minor in the classical period. So it was assumed that this triple division applied to the mainland as well, since the cities of the Asia Minor coast and islands were by tradition founded by cities or communities on the mainland.

In fact the linguistic relationships between the dialects on the mainland are much more complex. The dialect of Arcadia, for example, is closely related to that of Cyprus, suggesting that the island was colonised by speakers of an earlier form of Arcadian. Furthermore, the Greek discovered on the Linear B tablets from Pylos and elsewhere on the mainland is more closely akin to Arcadian than any other classical dialect. This leads to the supposition that a dialect of Greek from which Arcadian and Cyprian developed was at one time spoken over a much wider area in the Peloponnese.

Yet it was two different dialects, North West Greek and Doric, which predominated in the Peloponnese during the classical period, completely surrounding Arcadian. These two are closely related to each other, and North West Greek was spoken in classical times over a very wide area to the north of the Corinthian Gulf. The traditions concerning the Dorians and the speakers of North West Greek in the Peloponnese relate how they travelled to their later homes from the north in various groups, and the evidence of the dialects would seem to support this tradition in broad outline. A few traces of a pre-Doric dialect can be found in the inscriptions of some Doric areas. Thus we may suppose that the remote ancestors of the classical Doric and North West Greek speakers had once lived north of the Corinthian Gulf, perhaps not even along its north-

ern shore, but across the high and wild land dominated by the Pindus mountain range.

The second of Thucydides' groups, the Ionian speakers, could be found in his lifetime in many of the coastal cities and islands round the Aegean. Thucydides states clearly an accepted historical fact of the time, that the Athenians were Ionians: for it was believed that the initial Ionian colonists of Asia Minor had set out from Athens. The evidence of inscriptions bears out the very close linguistic bond between the Attic speakers of Athens and the Ionians. Just how widespread the speakers of Ionic were on the mainland in the period before the arrival of the Dorians is a subject of much debate. Equally the precise relationship between Ionic and Arcado-Cyprian in this early period will almost certainly never be known.

Aeolic, the third of Thucydides' groups, is in many ways the most mysterious. In Asia Minor it formed the most northerly of the three dialect bands, and it is there that the inscriptions show it in its least contaminated form. Linguistic evidence from the two Aeolic areas on the mainland, Boeotia and Thessaly, strongly suggests that there the dialects had been infiltrated by a North West Greek dialect. This is particularly marked in Boeotian; in Thessalian the purer Aeolic is found naturally in the eastern part of the country.

All Greek dialects can be divided on linguistic grounds into two broad divisions usually called East and West Greek. This represents the most fundamental division and seems to have an historical significance, with the East Greek dialects—Attic-Ionic, Arcado-Cyprian and Aeolic—representing the Greek spoken in those areas of Greece prominent during the Mycenaean period. In contrast, the dialects of West Greek—Doric and North West Greek—represent those Greek speakers who came to their homes of the classical period after the collapse of the Mycenaean kingdoms.





---

## The Athenian Empire

---

In 478 certain east Aegean members of the Hellenic League invited Athens to assume effective leadership of military action against Persia. The result was the alliance system commonly known as the Delian League. The name is modern, derived from the location of the treasury and of consultative meetings on Delos; contemporary parlance spoke simply of 'the Athenians and their allies'. Membership involved support of the League's military enterprises by provision of ships, or of money (tribute), in quantities determined by the Athenians. After 454 there were regular reassessments of tribute, theoretically every fourth year, but occasionally out of sequence (443 instead of 442, 428 and 425 instead of 426). The original membership and relative frequency of one or other type of contribution are obscure (Thucydides' valuation of the 'first tribute' at 460 talents being of uncertain import). However it is certain that choice or compulsion gradually made tribute payment the norm, so that by 431 only Chios and the cities of Lesbos were still furnishing ships (although Samos, which lost its fleet in 440/39, was paying war indemnity rather than tribute). By this time, too, Athenian official parlance was referring to 'the cities over whom the Athenians rule', and it had long been appropriate to speak of an Athenian Empire. Tribute is thus a central characteristic of the empire until its replacement in 413–10 by a 5 per cent import/export levy in the empire's harbours.

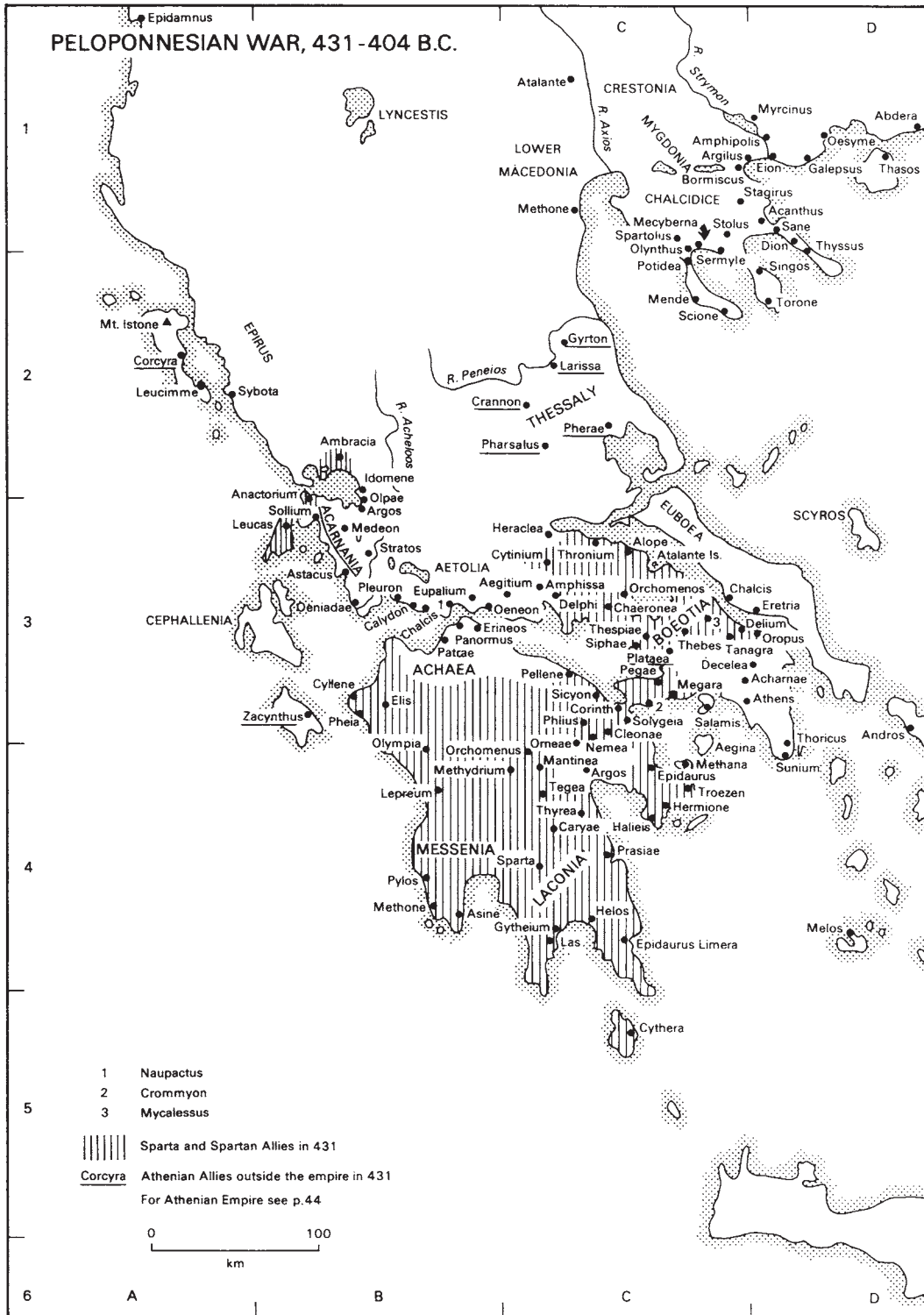
In 454 the treasury was moved to Athens, and a 1 2/3 per cent quota taken from tribute receipts for dedication to Athena began to be recorded on stone. The remains of these annual 'tribute lists' and of assessment lists from 425, 422 and (?)410 are the fundamental source for knowledge of the extent of the empire. Some 278 places are recorded as paying tribute at one time or another after 454/3 (32 for the first time in 429 or later); and a further 69 places can be named which were first assessed in

425 or later, but are not *known* to have paid. (The total number of such new assessments was certainly much larger.) For the location of all tribute payers and new assessments of 425 see the maps in R.Meiggs, *The Athenian Empire*.

The present map confines itself to states whose actual payments show an assessment of 1 talent or more at some date in the period 454/3 to 429/8, i.e. before pressures of war caused assessments to rise to much higher levels. A few places with lower assessments are also included for other reasons. The five tribute areas in which quotas are arranged in 442/38 (after which I and IV were amalgamated), together with the total number of actual paying states in each area (in brackets), are also shown. The wartime assessments introduced two new areas, *Actaean Cities* (the region between I and II), and *Euxine* (cities in the Crimea and on the west and south coasts of the Black Sea).

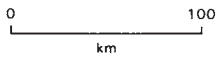
Two other features of the empire are illustrated. (1) Overseas settlement: here we may distinguish Thurii (see p. 84) and Amphipolis, which were indisputably colonies with minority Athenian participation, from the rest, which present problems of categorisation as between 'colony' and 'cleruchy'. (2) Revolt: the map shows places where revolt on one or more occasions is attested in literary sources, or by a conjunction of documents relating to organisation after revolt with evidence of non-payment in the quota lists. However it excludes cases where the hypothesis of revolt depends solely on the quota lists, e.g. Miletus (447, 445–3); Aegina (447); Cos (446–3); various islands which never appear in 453–50; 21 apparently regular payers in I, II and III which are absent on various occasions in 442–1, 439, 434, 432; some 20 places in III whose absence in 431 and later may be connected with the revolts of Potidaea, Spartolus and Olynthus; and over 25 Carian places absent in 441–39 and not recorded as paying after 443 at the latest.

# PELOPONNESIAN WAR, 431-404 B.C.

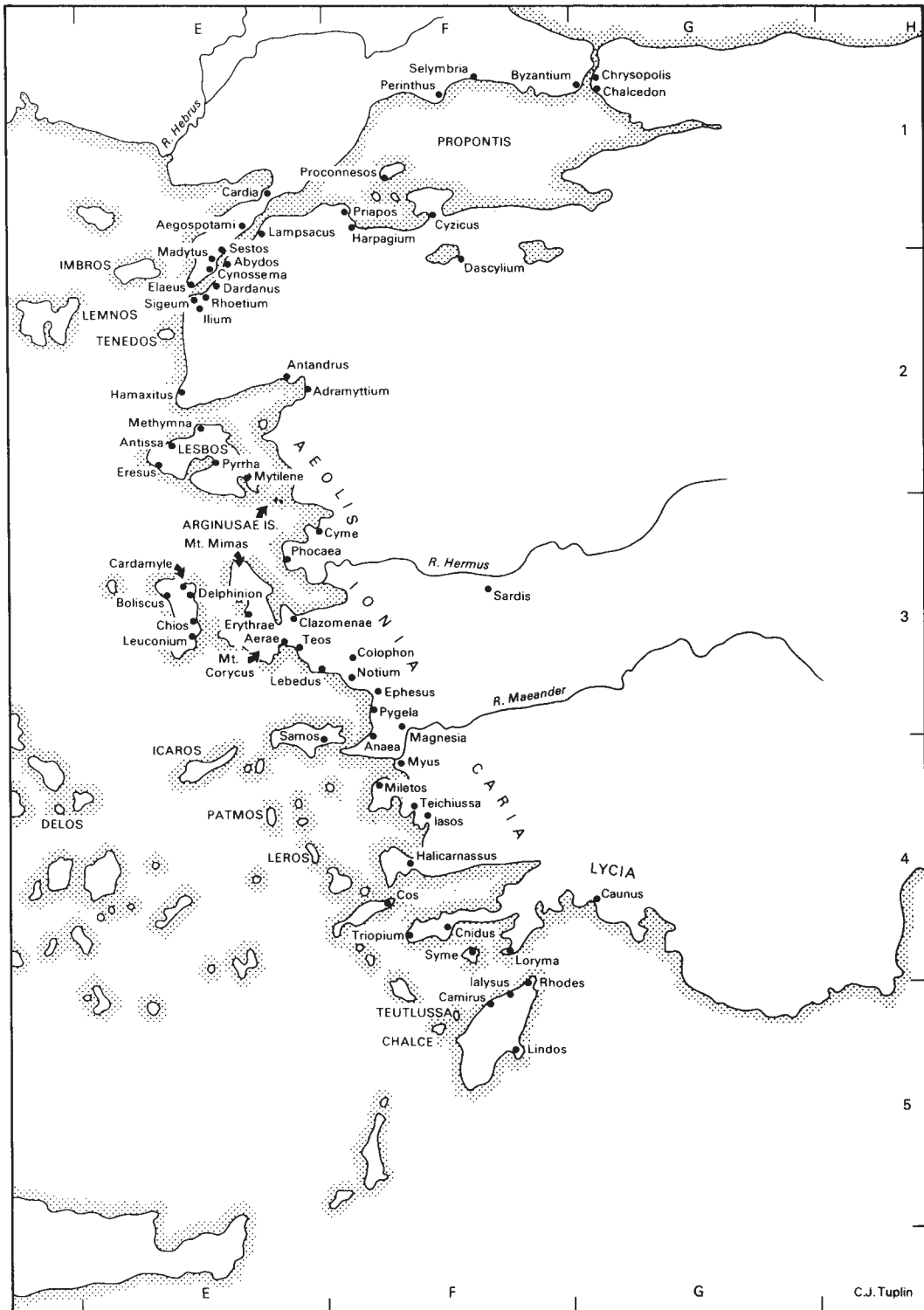


- 1 Naupactus
- 2 Crommyon
- 3 Mycalessus

Sparta and Spartan Allies in 431  
 Athenian Allies outside the empire in 431  
 For Athenian Empire see p.44



6 A B C D



---

## Peloponnesian War, 431–404 BC

---

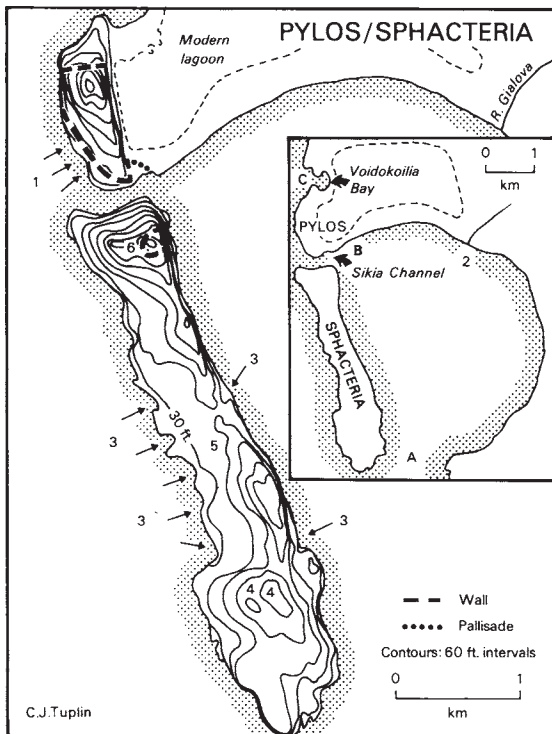
The term Peloponnesian War (not actually used in surviving texts until the first century BC) designates the whole period from Sparta's declaration of war in 431—as supposed champion of the autonomy of the Greeks—until Athens' surrender and reduction to the status of a subject Spartan ally in 404. A single map can only 'illustrate' the fighting of this 27-year period by indicating the whereabouts of as many as possible of the places mentioned in the sources. Three phases can be discerned:

(1) 431–21, the 'Ten Years War' or 'Archidamian War' (an early, though inappropriate, term). During this period there was fighting in various theatres: Attica (regular Spartan invasions until 425); Peloponnese (Athenian maritime raids in 431, 430, 426; the introduction of garrisons in Pylos, Methone, Cythera in 425–4); central Greece (Spartan siege of Plataea, 429–7; Athenian attempts to capture Megara and various parts of Boeotia, 424); north west Greece (429–6) and Corcyra (427–5); 'Thraceward' region (431–29; 424–1); Lesbos (428–7); Sicily (427–4).

A major turning point was the Pylos campaign (425). After it, Sparta was not only under greater pressure at home; she had also to abandon invasions of Attica to protect the lives of 120 Spartiates taken prisoner. She was ready to negotiate a year's truce in 423–2, and a 50-years peace in 421, when Brasidas' successful encouragement of rebellion among Athens' Thraceward allies provided something of a position of strength from which to do so. The resultant 'Peace of Nicias', accompanied as it was by a defensive alliance, required each side to surrender certain territorial gains (chiefly in the Peloponnese and Thrace) and all prisoners taken. But the territorial requirements were never properly implemented, and the peace was a very tense one from the outset.

(2) 421–13, an interlude—lasting until Sparta's occupation of Decelea in northern Attica—which Thucydides insisted was mostly no better than a 'suspicious truce' and therefore really part of the war. There was sporadic fighting in Thrace. Active hostility between Athens and Sparta appears in two main areas: Sicily, where resistance to Athens' major onslaught against Syracuse came to be directed by the Spartan Gylippus (415–13); Peloponnese, where Athens' defensive alliance with three anti-Spartan states, Argos, Mantinea, and Elis (420), led to military operations, including some direct action against Sparta or her unequivocal allies—incursions from Pylos (419 onwards); capture of Orchomenus (418) and Orneae (416/15); siege of Epidaurus (418–17); battle of Mantinea (418); maritime attacks on eastern Laconia (414).

(3) 413–04, the 'Deceleian War' (cf. above), or 'Ionian War', because it was mostly fought out along the coasts from Byzantium to Rhodes. Both names underline crucial differences from the first period, when Sparta had not attempted either to *occupy* Attica, or, normally, to encourage or exploit disorder in the eastern Aegean or Black Sea approaches. The latter development was now prompted by over-optimistic expectations after Athens' Sicilian disaster. Another vital new element is Persian co-operation with Sparta. For five years this did not prevent Athenian recovery—in 410–08 especially. Only after the arrival of the Great King's son, Cyrus, in 407 was Persian wealth used effectively, at least whenever Lysander was in office as navarch (407 and 405–4). The change is well illustrated by the contrast between Sparta's hesitant reaction to loss of a fleet at Cyzicus (410), and the immediate replacement of the losses at Arginusae (406) with the ships which destroyed Athenian naval power at Aegospotami (405).



### Pylos/Sphacteria

Five stages can be discerned in the events of 425 described by Thucydides (4.2–6, 8–23, 26–41). (1) The fortification of Pylos (?two stone walls and a palisade), and its occupation by a small Athenian force. (2) The encampment of Spartan land and naval forces around R.Gialova, and the installation of 420 hoplites on Sphacteria. Allegedly the Spartans intended to block the harbour entrances, i.e. either A and B, or B and C. In context Thucydides' words must refer to A/B, but unless the text is emended the reported dimensions of the entrances will only fit B/C. The tactical value of the plan, which was not carried out, is in any case dubious. (3) Two days of unsuccessful seaborne attacks on Pylos [1]. (4) A Spartan naval defeat in the harbour [2]. (5) The Athenian landings on Sphacteria [3]: a first wave disposed of southern outposts [4]; a second forced the main body [5] to retreat to the fort on Mount Elias [6], where it surrendered after some Messenians scaled the western cliffs.

### The Bosporan Realm and its Neighbours

By the fifth century Panticapaeum had emerged as the leading Greek settlement on the Cimmerian Bosphorus. Power was seized here *c.* 480 by Archaeanax. His descendants (of whom nothing is known) were displaced *c.* 438 by Spartocus, whose family was to maintain its rule in Bosphorus till the late second century. To the west the Spartocids eventually secured control of the major port of Theodosia, even though Heraclea Pontica came to the latter's defence. Eastwards they sought control first of the Taman peninsula, and then gradually of the Maeotian tribes up the eastern shore of the Sea of Azov—objectives brought to completion during the reign of Paerisades II (344–11), when the Bosporan realm reached its zenith.

Various circumstances enabled the Spartocids to maintain their rule for an exceptionally long span by Greek standards. Not only did the family continue to produce suitably strong, long-lived successors over generations. In addition, even though the state was run entirely at their personal whim, they exercised moderation, causing little friction at home, and abroad shunning any reckless expansion such as came to harm many Greek tyrannies. Above all, however, the state was unusually wealthy. Since both rulers and ruled benefited, the poverty and consequent tensions common elsewhere were absent, and there was unanimous recognition that continued prosperity rested upon the maintenance of peace and stability.

Bosporan wealth derived principally from fish (herring, sturgeon, tunny), vines, and above all, corn. The latter was both grown locally, and brought from the plains of south Russia for export all over the Greek world. Well into the third century at least, Bosphorus was the largest single supplier of corn to mainland Greece, especially to Athens, whose merchants enjoyed preferential treatment during the late fifth and fourth centuries. Wine was also made, and fish salted, on a significant scale, as shown by excavation of wine-making establishments and pickling vats, notably at Tyrıtace and Myrmecium.





---

## Trade in the Classical Greek World

---

The pattern of Greek trading in and around the Mediterranean was largely determined by the need to secure certain basic supplies—foodstuffs, timber, and metals above all. Some overseas settlements were primarily commercial in aim—Pithecussae and Sinope for iron, for example, Al Mina for north Syrian metal ores, Massilia at the end of an overland river-route for tin from the north. The Pontic settlements, major sources of fish and grain, are termed *emporía* by Herodotus. Settlements with a more generally commercial purpose were Gravisca in Etruria and Naucratis in the Nile Delta.

Except for certain basic metals, however, trade was a marginal activity for the Greek world. The climatic homogeneity of much of the Mediterranean meant that most agricultural products could be obtained locally everywhere. So only regional wines of high quality, for instance, were worth exporting. Those of Thasos, Chios, and Lesbos had the highest reputation; Massilia sold its local product to enthusiastic Gauls who did not cultivate the vine. Athens and Egypt, too, seem to have been major customers for fine wine. Specialities exported by them in return were olive oil and fine pottery from Athens, grain, linen and papyrus from Egypt.

Corn was the principal exception to local availability. Most mainland and Aegean states imported some grain. South Italy, Sicily and Egypt supplied the Peloponnese. By the mid-fifth century Athens was heavily dependent on imported corn, obtained mainly from Thrace and south Russia.

Manufacture was on a small scale, and also mainly for local consumption. Individual traders travelled from port to port, buying and selling piecemeal. Pottery provides most of the evidence. Graffiti on Athenian pottery give some indications of traders to the west placing 'bulk' orders, but with the exception of the workshop of Nikosthenes there is not yet evidence of work being produced to specification to meet the taste of a particular market. Current research indicates that in the late fifth and fourth centuries Attic black glaze pottery was car-

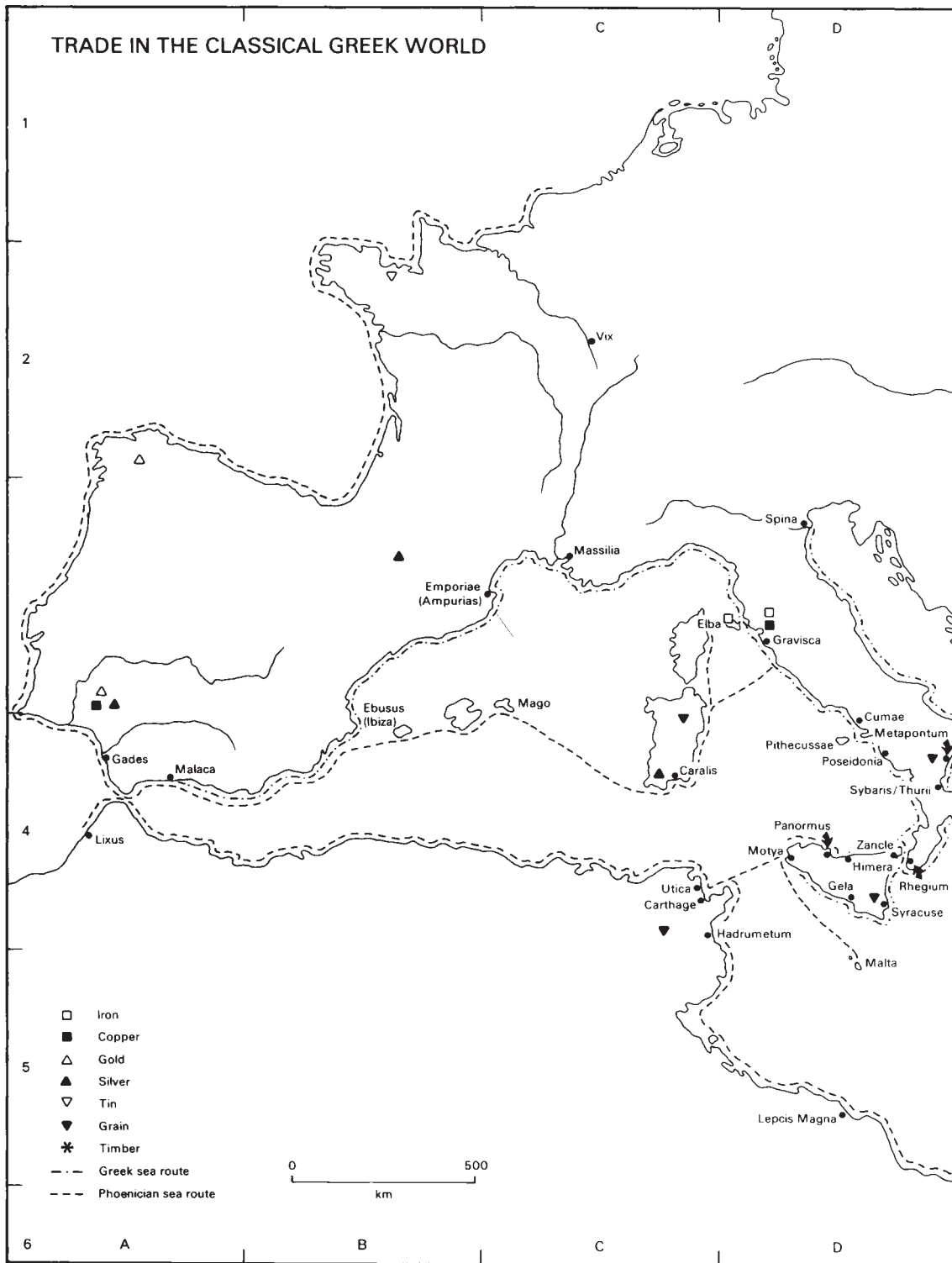
ried by Phoenician traders to much of the south and east Mediterranean.

In general, long voyages across the open sea were avoided. Some towns, like the Adriatic settlements, therefore became important as stepping stones, others because they commanded straits like the Bosphorus, or lay on an isthmus. Corinth is the prime example of the latter type, though Athens also brought in goods by way of Euboea as well as Piraeus. Towns at or near river mouths—Massilia, Spina, Istrus, Olbia—traded up the rivers with their hinterland.

So far as any one Greek city was concerned, much of its trade might be in the hands of non-citizens, either resident (*metics*), or in passage. Instances of state intervention to control production or trade are few, and confined to staple products. The Attic silver mines were state owned, but leased to private concessionaires. In the early fourth century the towns of Ceos legislated to confine the export of *miltos* (red ochre) to vessels designated by Athens. The Thasians regulated the wholesale purchase and retail sale of their wines, but were evidently able to ban only Thasian vessels from importing foreign wines to the neighbouring mainland. In the fifth century Athens was sufficiently powerful to compel corn ships from the Black Sea to unload at Piraeus, and to limit the quantity re-exported; other states could import corn from Byzantium only on licence from Athens. In the fourth century by contrast, while restrictions were imposed on corn dealing in Attica, imports could only be encouraged indirectly, either by regulations on loans for mercantile ventures, or by offering incentives both to shippers and to foreign rulers able to control exports from their own territories.

Apart from the Greeks, Phoenicians were the main traders, covering the southern Mediterranean especially. From early in the fifth century the Phoenician settlement at Carthage virtually monopolised trade with Sardinia, western Sicily, southern Spain, and much of north Africa; it also controlled the Atlantic tin route.

# TRADE IN THE CLASSICAL GREEK WORLD



- Iron
- Copper
- △ Gold
- ▲ Silver
- ▼ Tin
- ▼ Grain
- \* Timber

- - - Greek sea route
- . - . Phoenician sea route

0 500  
km

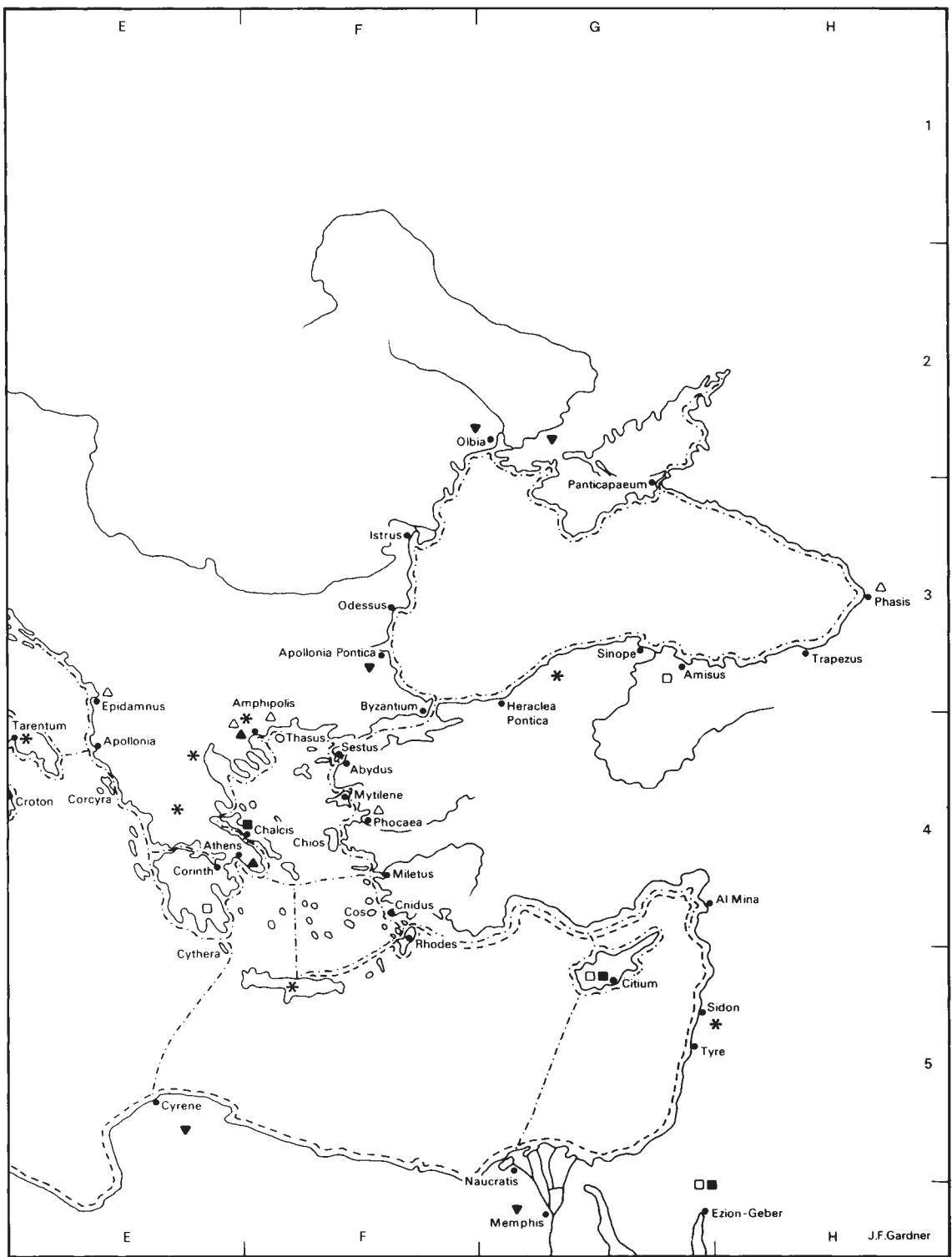
6

A

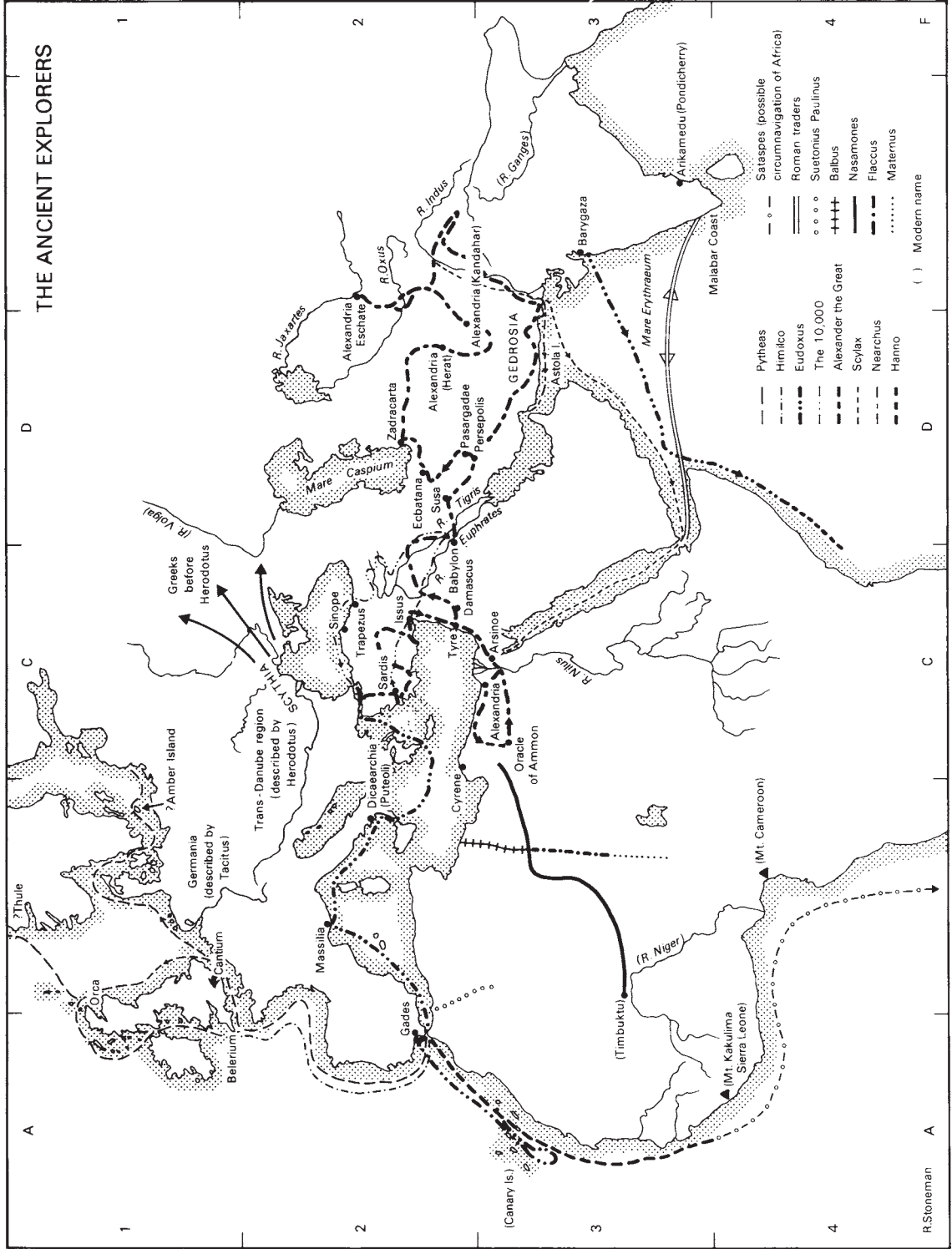
B

C

D



# THE ANCIENT EXPLORERS



---

## The Ancient Explorers

---

From early times Greeks were acquainted with, or at the least aware of, their neighbours to the east and north east. Voyages to these regions—presumably for trading—are reflected in the legend of the Argonauts, in the exploits attributed to Aristaeus of Proconnesus, and in the mythical wanderings of Io recounted in Aeschylus, *Prometheus Bound*. Her route takes in Scythians, Chalybes and Amazons to the north; next the Caucasus, Cimmerii and the Bosphorus; then Asia, haunt of the fabulous Graeae, the mute hounds of Zeus, and the one-eyed Arimaspians. Thereafter she turns south to the Aethiopes and the R.Nile.

In the fifth century Herodotus made extensive researches on Egypt, Scythia, the Persian empire, and India, some of them by personal observation. His only Greek predecessor was Scylax of Caryanda, who in a voyage of coastal exploration undertaken *c.* 510 for the Great King Darius set off from near Attock on the R.Indus and sailed as far as Arsinoe. Before Scylax, two Carthaginians, Himilco (*c.* 525) and Hanno (*c.* 500), had sailed respectively to right and left out of the Pillars of Hercules (Straits of Gibraltar). Himilco reached Brittany, but probably did not go as far as Britain. From the account in Polybius it would seem that Hanno reached Sierra Leone, or possibly even Cameroon. This is further than any other traveller before the Middle Ages, unless the report in Herodotus be accepted of a circumnavigation of Africa by a Persian named Sataspes during the reign of Xerxes (486–65).

It is appropriate to mention here the March of the Ten Thousand led by Cyrus the Younger, which forms the subject of Xenophon's *Anabasis* (see p. 58). His march seems to have been emulated in part by Alexander the Great, who crossed the Hellespont in 334 to begin his remarkable campaign of conquest of the Persian empire (see pp. 64–5). Alexander's expedition included a geographer and other scientific staff, and aimed to record scientific information as well as to make conquests. In 329 he passed the 'Caspian Gates'

and entered hitherto unexplored territory. He was in central Asia and northern India until 326. His admiral Nearchus was despatched down the R. Indus to seek a sea route back to Persia, while Alexander led his army through the burning Gedrosian desert of south Iran, finally reaching Susa in 324.

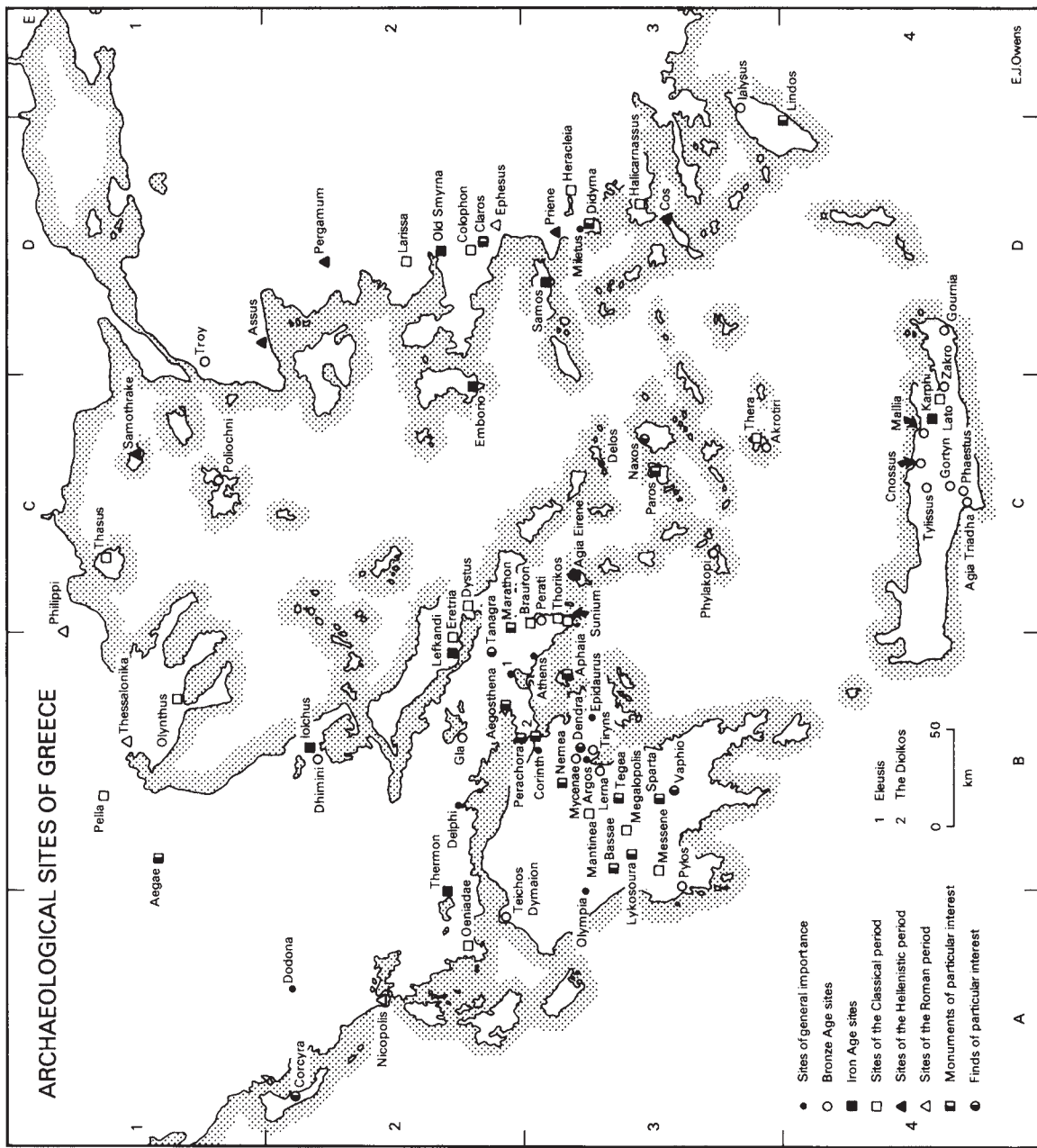
The British Isles were visited *c.* 310 by Pytheas, a captain from Massilia, who sailed north out of the Pillars of Hercules. Though he is mentioned by Dicaearchus and Strabo, most of our information comes from Diodorus and Pliny. Besides apparently circumnavigating Britain he sailed into the North Sea, reporting a condition where sea and air merge in a kind of jelly (a thick fog plus floating ice?). His tantalising island, Ultima Thule, has been variously identified as Iceland or part of the Norwegian coast.

In the late first century BC Eudoxus of Cyzicus made two voyages to India, on the second of which he was blown down the African coastline. According to Strabo, this experience prompted him to try the circumnavigation the other way. Here he was driven aground by the north east trade wind and turned back; but after reaching the Canary Islands the expedition was lost, from causes unknown.

Several ancient explorers penetrated the Sahara desert. Herodotus records one journey through it by five men of the Berber tribe of the Nasamones. But this lead was hardly followed until Roman times. Then, in 19 BC, Cornelius Balbus, proconsul of Africa, explored south into the desert. In the late first century AD another proconsul, Septimius Flaccus, made a three-month march inland, while Julius Maternus at some unknown date extended the route to the Sudan. In AD 42 Suetonius Paulinus crossed the Atlas. But in general Romans were not prompted by such scientific curiosity as Greeks. Much ancient geo-graphical knowledge is diluted and distorted in mediaeval travellers' tales, until the fashion for pilgrimage again opened distant lands as objects of interest, this time to north west Europeans.



# ARCHAEOLOGICAL SITES OF GREECE



E.J.Owens

---

## Archaeological Sites of Greece

---

In the latter part of the nineteenth century Heinrich Schliemann's interest in Homer, and his desire to uncover Priam's Troy, laid the foundation for modern archaeology in the Aegean. His excavations at Hissarlik generated interest which led to the discovery of other great prehistoric sites. Archaeology has since come to illuminate all aspects of ancient Greek history and culture. Thus, even when written records are available, archaeology can supplement and complement their evidence, or indeed provide primary information, if the documents are deficient.

Because of the abundance of archaeological evidence, and the fact that almost every place in Greece can be regarded as an archaeological site, the choices for this map are difficult to make. Its aim is twofold: first, to indicate the most important and impressive sites and monuments of the Aegean; second, to show where the most significant contributions to our understanding of ancient Greece have been made.

Four broad categories of site may be identified. First, those places which have immensely furthered our knowledge, most notably perhaps of architecture—among them, Athens (inhabited from Neolithic times); the great sanctuaries of Olympia, Delphi and Dodona; and the cities of Delos and Miletus. Although the most impressive remains from the latter two date to Hellenistic and Roman times, their archaeological importance extends beyond their standing monuments.

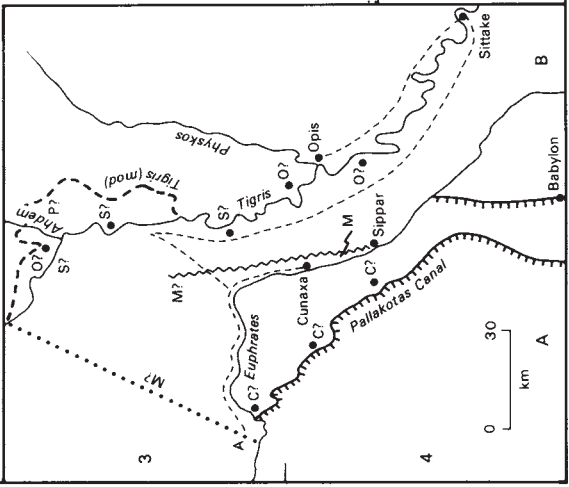
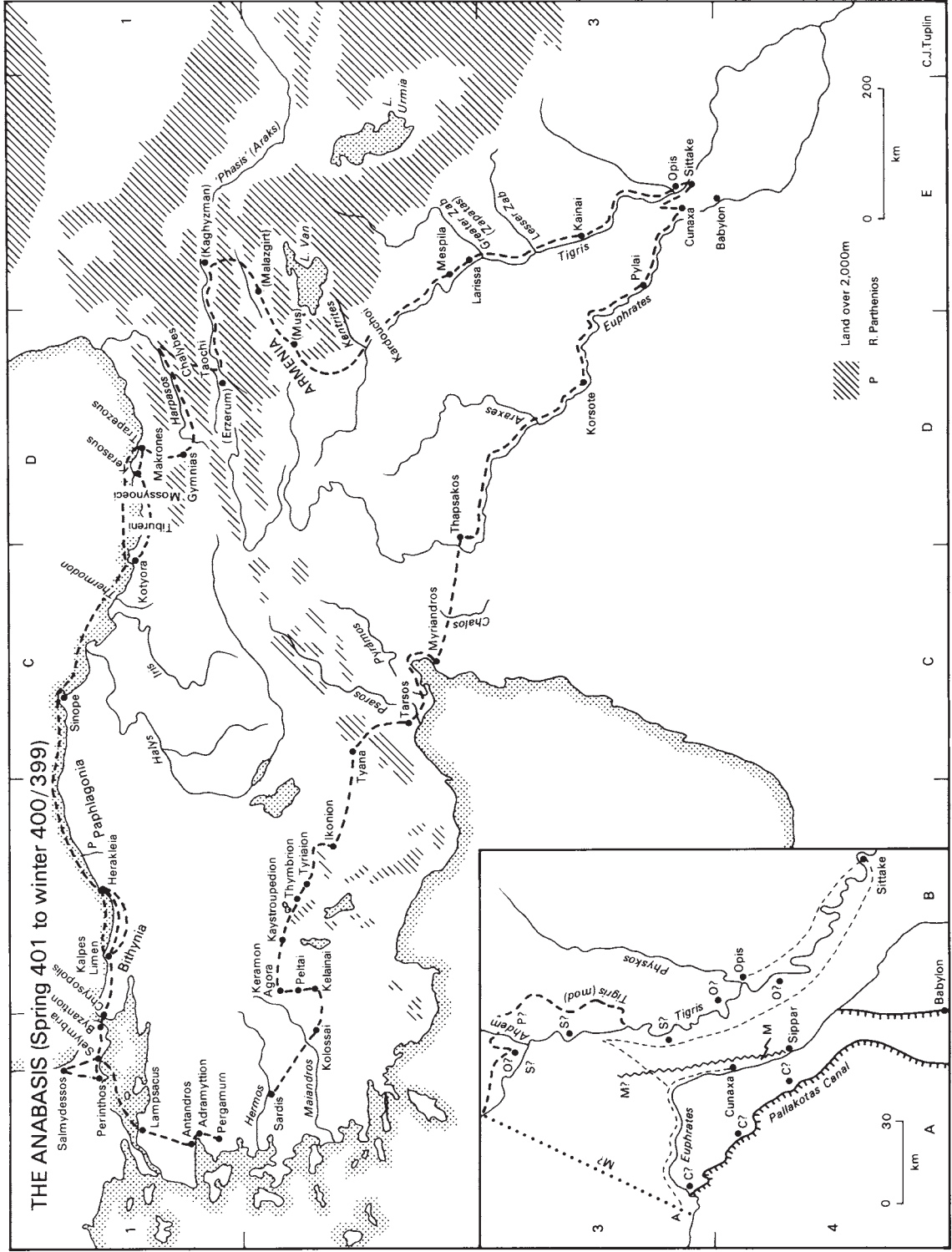
Second, sites which illustrate the major historical periods of Greece from the Bronze Age to the Roman era. Among Bronze Age sites are not only great palaces, but also the important towns of Dimini, Poliochni and Akrotiri, the impressive villa of Aghia Triada, the cemetery of Perati, and the fort at Teichos Dymaion. Iron Age sites include the incipient *polis* of Emborio on Chios; Old

Smyrna, where fortifications have been found; and Lefkandi, the excavation of which is substantially changing the present picture of the Dark Age. The sites of the classical to Roman periods mostly illustrate cities or aspects of their architecture. Thus Thorikos is a fine example of an industrial town of the classical period. Olynthus reveals the nature of a residential district of a regularly planned town, while Priene (see further p. 37) illustrates not only a medium-sized Hellenistic city, but also the application of a grid plan to a steeply sloping location. Substantial fifth-century houses have come to light at Dystus. Roman towns and monuments are represented by the sites of Philippi and Ephesus.

Third, specific monuments. For example, the pleasantly situated temple at Nemea; the fortifications of Aegosthena; the remains of the *diolkos* at the isthmus of Corinth, along which ships were dragged to avoid the long and hazardous journey around the Peloponnese; the water installations at Perachora; the oracular shrine at Claros; the temple to Artemis at Brauron, where wooden artefacts have come to light; the recently discovered tomb of Philip II of Macedon at Aegae; and the ancient marble quarries on Paros.

Fourth, sites where important or unusual finds have been made. A substantial number of fourth-century terracotta figurines were found in graves at Tanagra. A complete set of Bronze Age armour came to light at Dendra in the Argolid. The restored pediment of the archaic temple of Artemis is housed in the Corfu museum. On Naxos a colossal, unfinished statue of the seventh century, still attached to the living rock by its back, shows the method by which large sculpture was produced. Two gold cups, fashioned by Cretan smiths and decorated with complementary narrative scenes, were discovered at Vaphio.

THE ANABASIS (Spring 401 to winter 400/399)



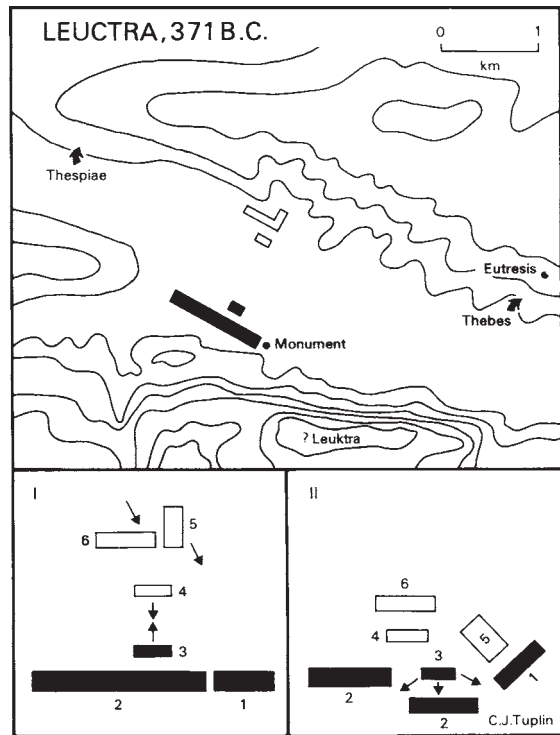
C.J. Tuplin

## The Anabasis

The map shows the routes taken by Cyrus' rebel army from Sardis to Cunaxa, where it was defeated by Artaxerxes; by the Greek and non-Greek remnants, marching separately, from Cunaxa to the R. Zab, where the Greek generals were treacherously murdered by Tissaphernes; and by the Greeks from the R.Zab to Byzantium, eastern Thrace and Aeolis. There are two problematic sections.

(1) *Cunaxa to Opis*. The Greeks marched north/north east for three days, stopped for over three weeks negotiating with the Persians and vainly waiting for Tissaphernes to escort them back to the Aegean, then marched to the Median Wall in three days, to the R.Tigris at Sittake in another two days, and up its east bank to the R.Physkos and Opis in a further four days. The location of all the named points is controversial: some have even suggested that Xenophon carelessly interchanged Opis and Sittake! The inset illustrates Barnett's solution: Cunaxa=Nuseffiat, Median Wall=Nebuchadnezzar's Opis-Sippar fortifications (partly preserved between Sippar and Nuseffiat), Sittake=Humaniye (near Azizye), R.Physkos and Opis=R.Diyala and a site at its junction with the Tigris. Other suggestions are shown for comparison as C?, M?, S?, P?, O?. A represents 'Artaxerxes' Ditch', part of a northern fortification line between the rivers, crossed two days before the battle.

(2) *Mespila (Nineveh)-Trapezus*, a march of three-and-a-half months, the course of which depends on deciding where the Greeks crossed or marched along the rivers Kentrites, Teleboas, Euphrates, 'Phasis' (i.e. Araks) and Harpasos. There is nothing in the sources to help except the record of distances (in days and *parasangs*, rather inexact measurements), general descriptions of terrain, and a scatter of tribal names, valueless in themselves. The solution shown is that of Lehmann-Haupt. Most others are generally similar: they tend to reduce or eliminate the detour to Malazgirt and Kaghyzman, but the final section from the upper Harpasos is common to all. The only radical alternative would be a route following a wide westerly arc from Mus to Gymnias.



## Leuctra, 371 BC

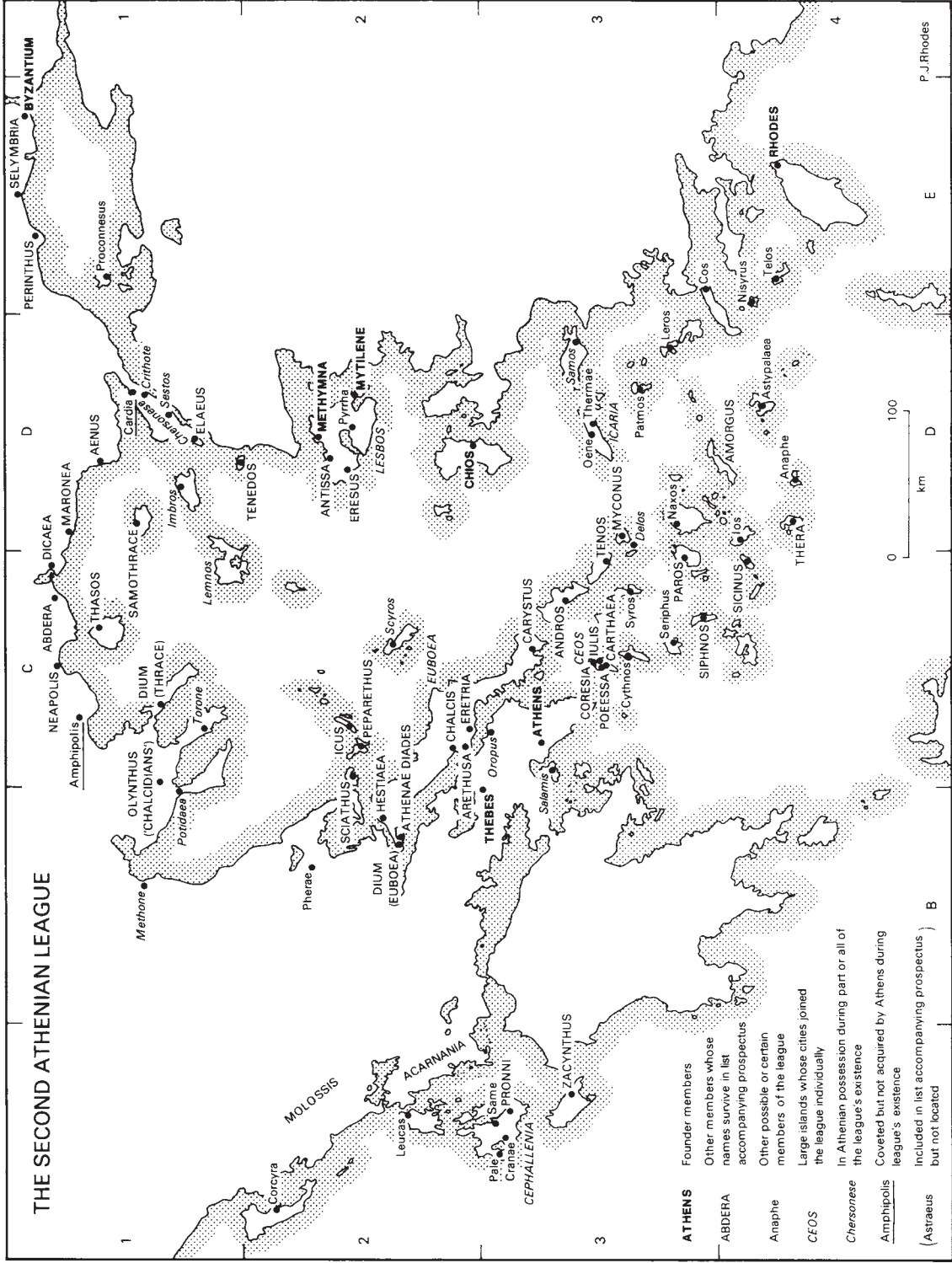
The approximate location is established by the Theban battle monument. Combination of the individually incomplete ancient accounts of the battle reveals three key points:

(a) The Spartan cavalry [3] was placed opposite the enemy's initial position and therefore (contrary to normal practice) in front of the infantry, part of which it fouled and put out of action when easily defeated by the Boeotian cavalry [4] (Phase I).

(b) The Spartan King Cleombrotus attempted to counter a diagonal Boeotian advance by swinging his right wing forward, but could not complete the move before the arrival of the Thebans, spear-headed by the Sacred Band (front left).

(c) The 50-deep Theban hoplite contingent [5] crushed the isolated Lacedaemonians [1] (especially the Spartiate entourage of Cleombrotus), while the other Boeotians [6] and the Peloponnesians [2] remained unengaged (Phase II, actually almost simultaneous with Phase I).

# THE SECOND ATHENIAN LEAGUE



- ATHENS** Founder members
- Other members whose names survive in list accompanying prospectus
- Other possible or certain members of the league
- Large islands whose cities joined the league individually
- Chersonese* In Athenian possession during part or all of the league's existence
- Amphipolis Coveted but not acquired by Athens during league's existence
- (Astraeus) Included in list accompanying prospectus but not located

P.J. Rhodes



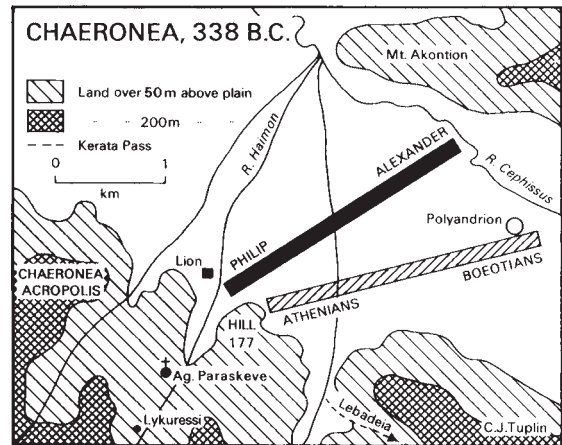
---

## The Second Athenian League

---

In 378/7, exactly 100 years after the founding of the Delian League, the Second Athenian League was founded. We possess its prospectus, a decree of the Athenian assembly which states defence of the freedom of Greek and barbarian states against Spartan imperialism as the League's purpose; all states outside Persia's domains are invited to join on stated terms, designed to protect members against the encroachments on their freedom which Athens had practised in the Delian League. Appended to the decree is a list of members, to which additions were made on various occasions between 377 and c. 375, but not thereafter.

The League was never as large or as prosperous as the Delian League, but fear of Sparta, and Athens' promises of good behaviour, won it widespread support in the 370s, mostly among former members of the Delian League. However, at the battle of Leuctra in 371 Sparta was decisively beaten by Thebes, and the threat of Spartan imperialism was destroyed. In the 360s Athens turned to supporting Sparta against Thebes; the cities of Euboea left the League with Thebes. In the Aegean Athens began making conquests and planting settlements, and broke some of the promises made at the League's foundation. Some members, especially in the south east Aegean, left the League as a result of the Social War of 356–5, but certain former members re-joined when they felt threatened by the growing power of Philip of Macedon. After his victory over Athens and Thebes at Chaeronea in 338, Philip organised the mainland Greeks in the League of Corinth, and the Second Athenian League ceased to exist.



---

### Chaeronea, 338 BC

---

The relative positions of Athenian and Boeotian hoplites, Philip and Alexander are clear, and an eastern limit for the battlefield is provided by the Macedonian *polyandrium* and the Greeks' withdrawal to Lebadeia. The identity of the 254 skeletons under the Lion monument is too uncertain for them to help topographically; but the R. Haimon, near which some of the Greeks camped, must be west of Hill 177, which favours location of the Greek left near that hill rather than at the end of the Lebadeia road. Both Macedonian wings routed the enemy, with Alexander achieving the first breakthrough. However a more precise picture depends on whether he was leading the Companion Cavalry, and whether Polyaeus is reliable in his report of a deliberate retreat by the Macedonian right, which tempted the Athenians into disastrous pursuit. These problems are linked, for if Alexander led a cavalry charge (the normal view), Polyaeus must be used to explain why there was a gap in the Greek line for him to attack.





---

## The Growth of Macedonian Power, 359–336 BC

---

The growth of Macedonian power involves two distinct phenomena.

(1) *The extension of the Macedonian Kingdom proper.* This was achieved partly by the imposition of unprecedentedly firm control on the Upper Macedonian cantons, and partly by actual annexation of adjacent non-Macedonian territory. The scale of such annexations is debatable. The map registers the acquisition of the region up to Lake Ochrid (358), Pydna (357), the Strymon-Nestos area (356), Methone (354), Perrhaebia (352), and Parauaea (?351). Some would add Paeonia (356), and all of Chalcidice (348). The alternative view is that Paeonia simply became a vassal principality and that, although the land of Potidaea and Olynthus (cities destroyed in 356 and 348) was occupied by Macedonians, the surviving cities of Chalcidice became Philip's allies. At least one Macedonian cavalry squadron was named after a Chalcidian town—Apollonia.

(2) *The acquisition of effective control in areas outside the Kingdom.* Here three phenomena may be distinguished.

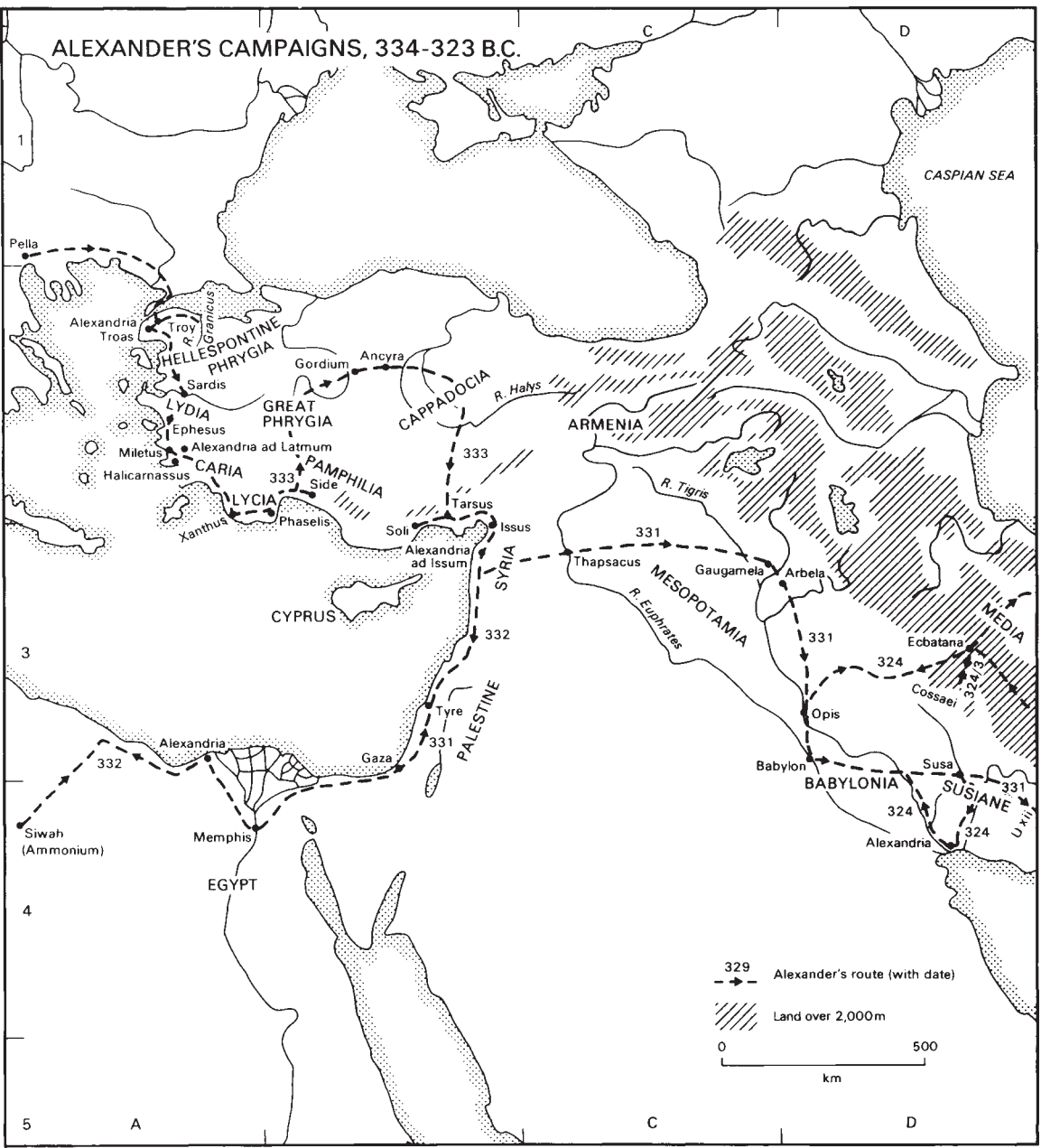
(i) The imposition of vassal status on tribal areas: Paeonians (356: see above); Dardanians (345); Odrysian Thracians under Cetriporis (towards R.Nestos: 356), Amadocus (between R. Nestos and R.Hebros: 352), and Cersobleptes (beyond R.Hebros: 352); the Molossian kingdom (c. 351–43/2: it is not clear what implications Molossian vassaldom had for the kingdom's allies among the Chaonians and Thesprotians); (?)Getae under Cothelas (c. 341); Scythians under Atheas (340). It is unlikely that the Agrianes were vassals, and the evidence that some or all of the Grabaei, Autariatae and Ardiaei were in that category is weaker than sometimes suggested. The Talauntii certainly were not vassals. The situation in Thrace after 342/1 is uncertain: some believe that a tribute-paying province stretching north to the Balkan Mountains (Haemus) was established under a Macedonian *strategos* (an office first attested under Alexander).

(ii) Thessaly: Philip's suppression of Pherae in 352 was followed by his acclamation as *archon* of the Thessalian League, an extraordinary position for a Macedonian king, in virtue of which he could receive taxes, command military support, and generally control the cities as he saw fit; after 344 the ancient office of tetrarch was revived to assist the process. The status of the *perioecis* (areas theoretically dependent on individual cities) is debatable: Perrhaebia and Magnesia were annexed in 352, but it is not clear whether the non-annexed areas (including Magnesia after 346) were subject to Philip as *archon* directly, or via the cities.

(iii) Other Greek states: Philip's alliances with several states between 359 and 338 may in varying degrees be construed as expressions of his growing power, and the same goes for his more or less open interferences in the politics of Euboea, Megara and the Peloponnese after 346, and his addition of certain small Greek towns to the Molossian kingdom in 343/2. But the chief expression and instrument of hegemony is the Corinthian League of 338, an organisation which involved assertions of Greek autonomy (but also the outlawing of socio-economic revolution); freedom from tribute and garrisons (except in Ambracia, Corinth and Thebes); the right of deliberation in League synods (albeit occasional and carefully orchestrated); and the obligation to provide military support for the projected Persian expedition. In default of appreciable precise evidence, the League must be presumed to have included all mainland and Aegean Greek states which were neither part of Macedonia nor in Persian hands; the only known exception is Sparta.

It should be stressed that, notwithstanding the erection of a farflung Macedonian *Reich*, the fundamental fact of Macedonian power remained the military potential of Macedonia itself, and the chief development here was the creation of a well-disciplined infantry force. In this context the use of population transfers to alter settlement patterns and create the appropriate human raw material was vital, but the general references in the sources do not permit any precise description of the process.

# ALEXANDER'S CAMPAIGNS, 334-323 B.C.



- - - - - 329 Alexander's route (with date)  
 / / / / / Land over 2,000m  
 0 500  
 km



---

## Alexander's Campaigns, 334–23 BC

---

The map illustrates Alexander's movements between the departure from Pella in 334 and his death at Babylon in 323. The general picture of his progress is not in doubt—334–1: Asia Minor, Levant; 331–30: Mesopotamia, Iran, Afghanistan; 329–7: Afghanistan, Soviet Central Asia; 327–5: Pakistan, India; 325–3: Iran, Mesopotamia. However lack of precise ancient evidence, conflict between different sources, and differences of opinion about logistical probabilities can render exact identification of the routes followed controversial. Sections where even a small scale map must reflect a disputed interpretation include Ancyra-Tarsus; Tyre-Thapsacus (the site of the latter is a notorious crux); Ecbatana-Rhagae; Zadracarta-Alexandria in Areia (=Herat); Herat-Alexandria in Arachosia (=Kandahar); movements either side of the R.Oxus in 328 (in particular, did Alexander actually visit Alexandria in Margiane (=Merv)?; Pattala-Alexandria in Carmania.

The campaigns fall into four periods.

(1) The war against Darius, ending in 330 with the latter's murder as he fled east from Rhagae. Though Alexander had claimed the Persian throne in 332, and had been hailed as 'King of Asia' by his army after Gaugamela, with Darius' opportune death such claims became a reality; further fighting would be against usurpers—like Darius' killer Bessus, who adopted the upright tiara of an Achaemenid king—and against recalcitrant 'subjects'. The reduction of Darius to the level of an expendable fugitive was principally achieved by three set-piece battles: at the R.Granicus (334: the attempt by Asia Minor forces to contain the invader); Issus (333: Darius' first personal appearance, and a defeat even though he first out-manoeuvred Alexander strategically); and Gaugamela (331: the defeat which exposed the empire's Mesopotamian and Iranian heartland). The delay between Issus and Gaugamela, which gave Darius

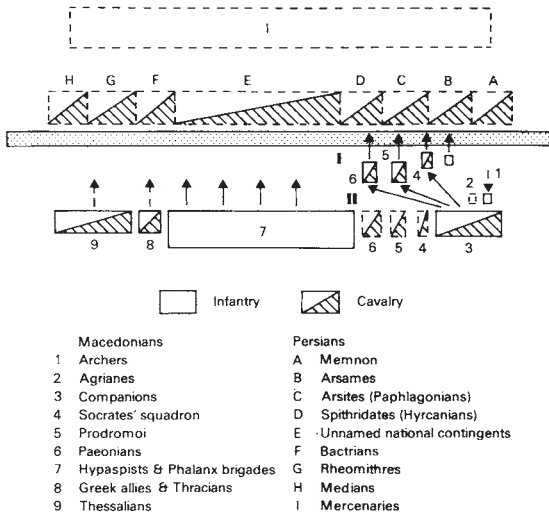
another chance, was due to the time expended on the sieges of Tyre (p. 68) and Gaza, and the occupation of Egypt—diversions necessitated by Alexander's strategy of neutralising the Persian navy by control of its bases.

(2) In 330–27 Alexander slowly asserted control in the eastern satrapies against resistance from Satibarzanes, his own appointee as satrap of Areia; Bessus, satrap of Bactria and would-be Great King; and Spitamenes, leader of a rebellion in initially submissive Sogdiana. This occupied Alexander's attention for 18 months of hard and ill-documented campaigning in alternately mountainous and desert terrain. His successes in this period disposed of all concerted Iranian nationalist opposition to the foreign King of Kings. The next time there was trouble in Bactria, in 325, it came from discontented Greek mercenaries who disliked being settled in such an un-Greek environment.

(3) In 327 Alexander crossed into India (mostly staying within Pakistan in modern terms), capturing the apparently impregnable Aornus rock (Pir-Sar) early on, and then eliminating the resistance of King Poros at the R.Hydaspes (p. 69). Further advance eastwards stopped at the R. Hyphasis, when the army refused to endorse a decision to make for the R.Ganges. Instead Alexander set off down the R.Indus to subdue the tribes of its middle and lower reaches, which he did with considerable bloodletting. Return to the empire's centre along the coasts of Baluchistan and Iran became impossible when monsoons delayed the fleet, so Alexander had to cross the Gedrosian desert, losing up to three-quarters of his army to hunger and thirst in the process.

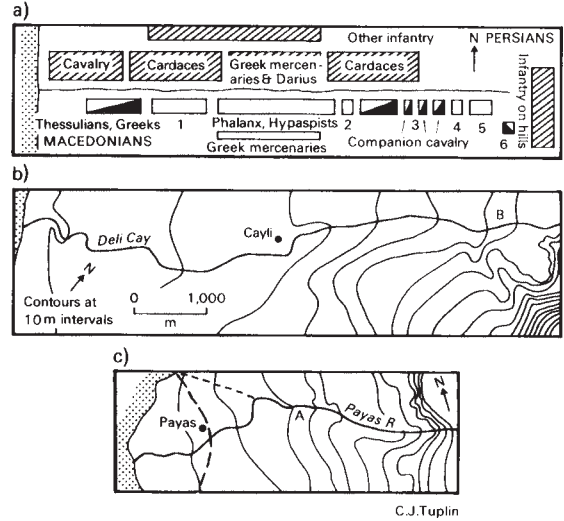
(4) 324–3 saw him back in Babylonia, and largely inactive militarily, except for a winter campaign against the Cossaei, and the preparations for an expedition to Arabia which his death forestalled.

## RIVER GRANICUS, 334 B.C.



C.J.Tuplin

## ISSUS, 333 B.C.



C.J.Tuplin

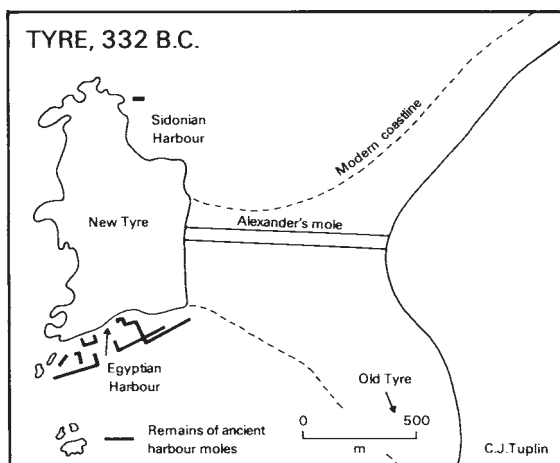
## River Granicus, 334 BC

There is fundamental conflict between the main accounts. In Arrian Alexander fights his way across the river against Persian cavalry ranged on the east bank, while in Diodorus he makes an unopposed dawn crossing and fights a ‘normal’ engagement in the plain east of the river. Arrian’s somewhat more circumstantial account is perhaps the lesser of two evils, though Diodorus supplies the Persian dispositions. There are two phases: first, the crossing, with two cavalry attacks on the Macedonian right, the second co-ordinated with infantry advance; second, the annihilation of the Persians’ Greek mercenaries in the plain (not shown). The limited extent of the areas where crossing was unimpeded by either high banks or trees, or both, may explain Alexander’s ‘oblique’ line of attack and his ultimate success (the very localised fighting neutralising Persian numerical advantage). But the process can only be represented schematically, since precise topographical information is lacking; possibly it is no longer even obtainable, as the river may have shifted course.

## Issus, 333 BC

(a) represents schematically one interpretation of the final pre-battle dispositions recorded in Arrian. [1: Thracian javeliners; Cretan archers; 2: archers; 3: *prodrromoi*, Paeonians; 4: archers, Agrians; 5: Greek mercenaries; 6: small cavalry unit.] The Macedonian centre/right routed the enemy—the first breakthrough being led by Alexander against the Cardaces—while the left checked the Persian cavalry. Detailed reconstruction is difficult, not least as regards the initial Macedonian attack. A crucial problem here is the identification of the R.Pinarus. It seems most likely to have been either the Deli Cay (30 km north of Iskenderun), or the Payas (20 km north), where coastline and riverbed may have changed: see broken lines in (c). The Payas fits various reported distances less badly, but steep banks above A preclude the initial Macedonian cavalry charge implied by the sources—and indeed *any* orderly cavalry advance. So either the battle occurred on the Deli (between B and the sea), or infantry brigades opened the attack.





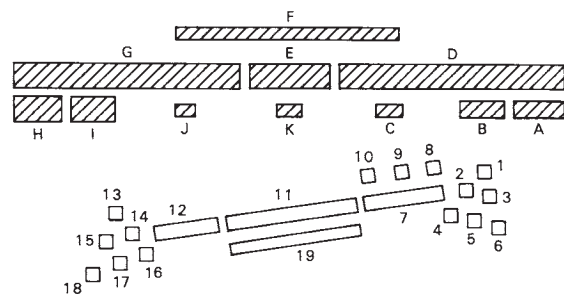
## Tyre, 332 BC

The sources are only in broad agreement, and none provides enough incident for a siege of seven months. Initial Macedonian attempts to provide a platform for siege engines by constructing a mole encountered the insuperable difficulty of protecting the workmen against Tyrian attacks from the walls and from ships. Alexander's acquisition of 224 ships from Cyprus, Phoenicia, Rhodes, Cilicia and Lycia was crucial. The Tyrian fleet was then confined to harbour; a small sortie from the north, Sidonian, harbour failed. The mole was completed—though in the event its role was largely diversionary—and a successful assault was mounted. Two ship-borne engines inflicted sufficient damage for an assault party under Alexander to seize a stretch of wall (?adjacent to the south harbour), while the fleet broke into the harbours. However the puzzle of why this attack succeeded when others had failed is never properly solved by any source.

## Gaugamela, 331 BC

To quote Brunt, 'The diversity of modern accounts...shows that agreement...has not been attained and suggests that it is unattainable'. This entirely schematic plan shows the position just before

## GAUGAMELA, 331 B.C.



Macedonians	Persians
1 Mercenary cavalry	A Bactrian cavalry
2 Prodomoi	B Scythian, Massagetic cavalry
3 Paeonians	C Chariots
4 Agrianians	D Bactrians, Dahae, Arachosians, Susians, Persians, Cadusians (mostly cavalry)
5 Archers	E Darius with Persian 'Kinsmen' & melophoroi, Indians, 'transplanted Carians', Mardian archers, Greek mercenaries
6 Mercenary infantry	F Reserve infantry (Uxians, Babylonians, Sitaceniens, Red Sea men, Syrians, Mesopotamians, Medes
7 Alexander with Companion cavalry	G Parthians, Sacae, Tapurians, Hyrcanians, Albanians, Saceniens (all cavalry)
8 Thracian javeliniers	H Armenian cavalry
9 Cretan archers	I Cappadocian cavalry
10 Agrianians	J Chariots
11 Hypaspists & Phalanx bridges	K Chariots & elephants
12 Thessalian cavalry	
13 Mercenary cavalry	
14 Greek cavalry	
15 Odyrian cavalry	
16 Thracian javeliniers	
17 Cretan archers	
18 Mercenaries	
19 Second line infantry	

C.J. Tuplin

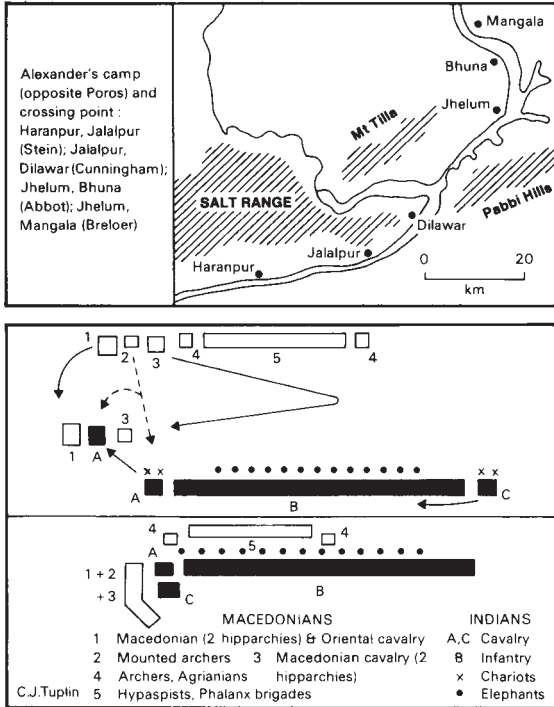
first contact. The dispositions are from Arrian. The oblique Macedonian line, position of the wings, and extent of the Persian overlap, are arguable. Thereafter three stages may be identified:

(1) The Macedonian right [1-6] stalls attack by Darius' left wing [A, B, parts of D], while lightarmed troops [8-10] neutralise a chariot attack [C].

(2) The Companions and infantry phalanx [7, 11] rout the now exposed Persian left/centre [rest of D, E]; Darius flees; the extreme left panics.

(3) The Macedonian left and left-centre phalanx comes under severe pressure: some Persian cavalry may have got through it, or around it, to the baggage camp. But apparently the phalanx holds its own unaided, since the Companions and other cavalry [7, 1] moving behind the lines encounter retreating Parthian cavalry. Controversy attaches particularly to this entire last stage of the battle.

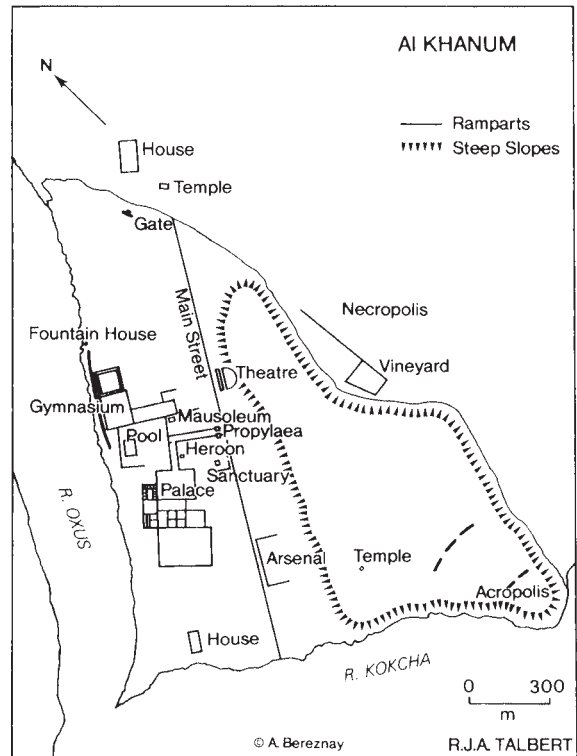
## RIVER HYDASPES, 326 B.C.



## River Hydaspes, 326 BC

The map illustrates (a) Alexander's surprise river crossing, for which Stein's location is generally preferred; and (b) the subsequent decisive battle. Poros' dispositions derive from Arrian; Alexander's are nowhere properly described. The extent of Indian overlap is debatable.

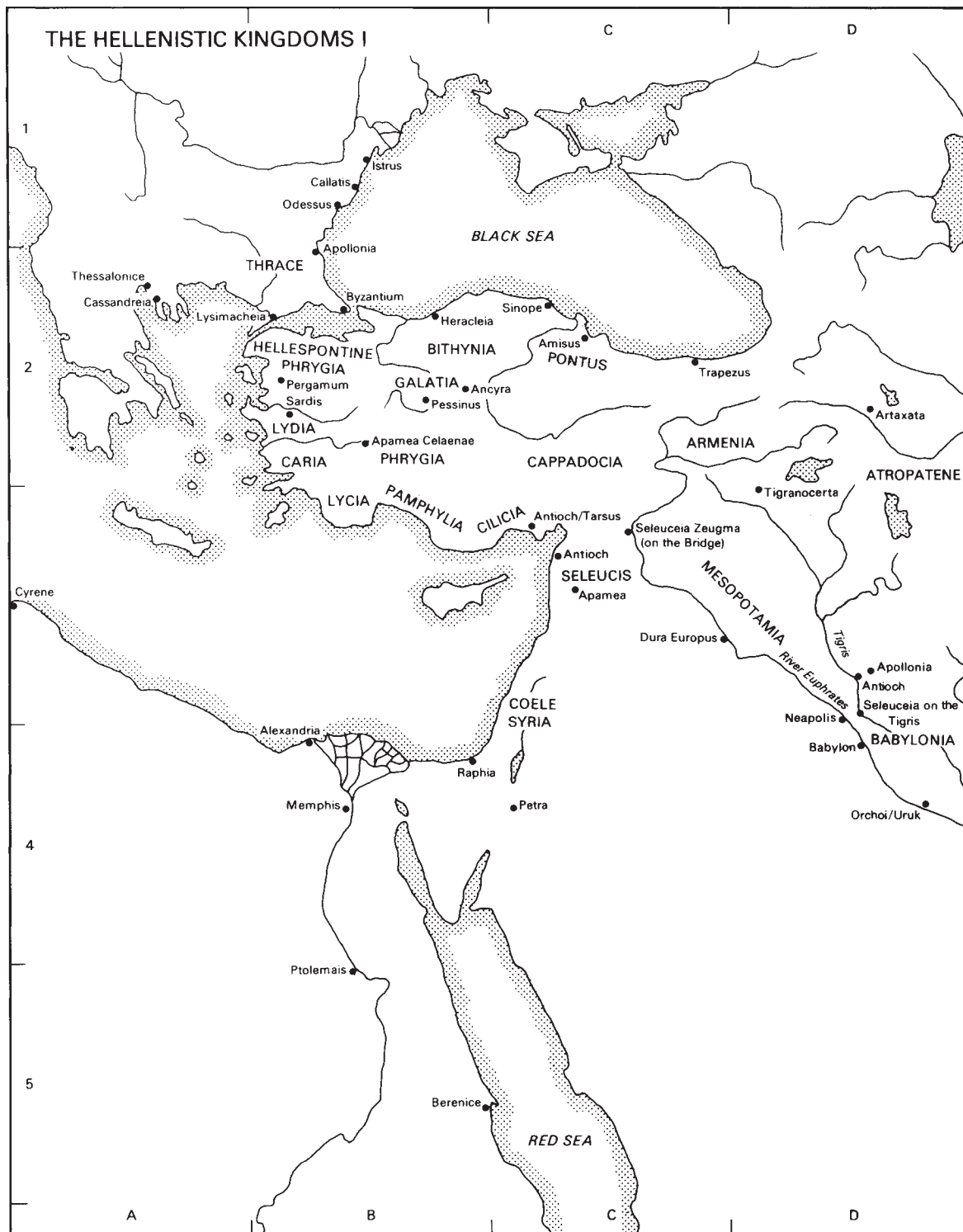
Alexander's initial cavalry victory drove the Indian horse onto the infantry line, and caused the elephants/infantry to attempt a leftward counter-movement. The Indian left's co-ordination was thus broken, and it was exposed to the Macedonian infantry, which pelted the elephants with missiles and then mounted a crushing mass charge. The chief problem is unit 3, which made for the Indian right but still participated in the cavalry battle. Probably it doubled back as shown, but some believe that Poros transferred his rightwing cavalry to the left—as is likely in any case—and that unit 3 followed them behind the Indian lines and attacked as they reached their goal.



## Ai Khanum

The site of Ai Khanum ('Lady moon') takes its name from the nearby village in a remote frontier region where Afghanistan borders the USSR. Discovered by accident, it has been excavated by a French archaeological mission since 1965 to uncover the first evidence (beyond coins) of Greco-Bactrian civilisation. The city was most probably founded either by Alexander or Seleucus, and flourished for nearly 200 years until its violent destruction at the hands of nomadic invaders in the late first century BC. Its situation at the confluence of the Oxus and Kokcha was well chosen, with an acropolis rising to 60 metres reinforced by ramparts, especially to the exposed north east. The best residential area (to the south west) and the city's extensive public buildings were concentrated in the flat area between the left bank of the R. Oxus and a straight main street running below the acropolis. Throughout there appears a revealing blend of Oriental influence and traditional Greek elements.

# THE HELLENISTIC KINGDOMS I







# THE HELLENISTIC KINGDOMS II :GREECE AND WESTERN ASIA MINOR





# THE HELLENISTIC KINGDOMS III: EASTERN ASIA MINOR AND SYRIA



---

## The Hellenistic Kingdoms

---

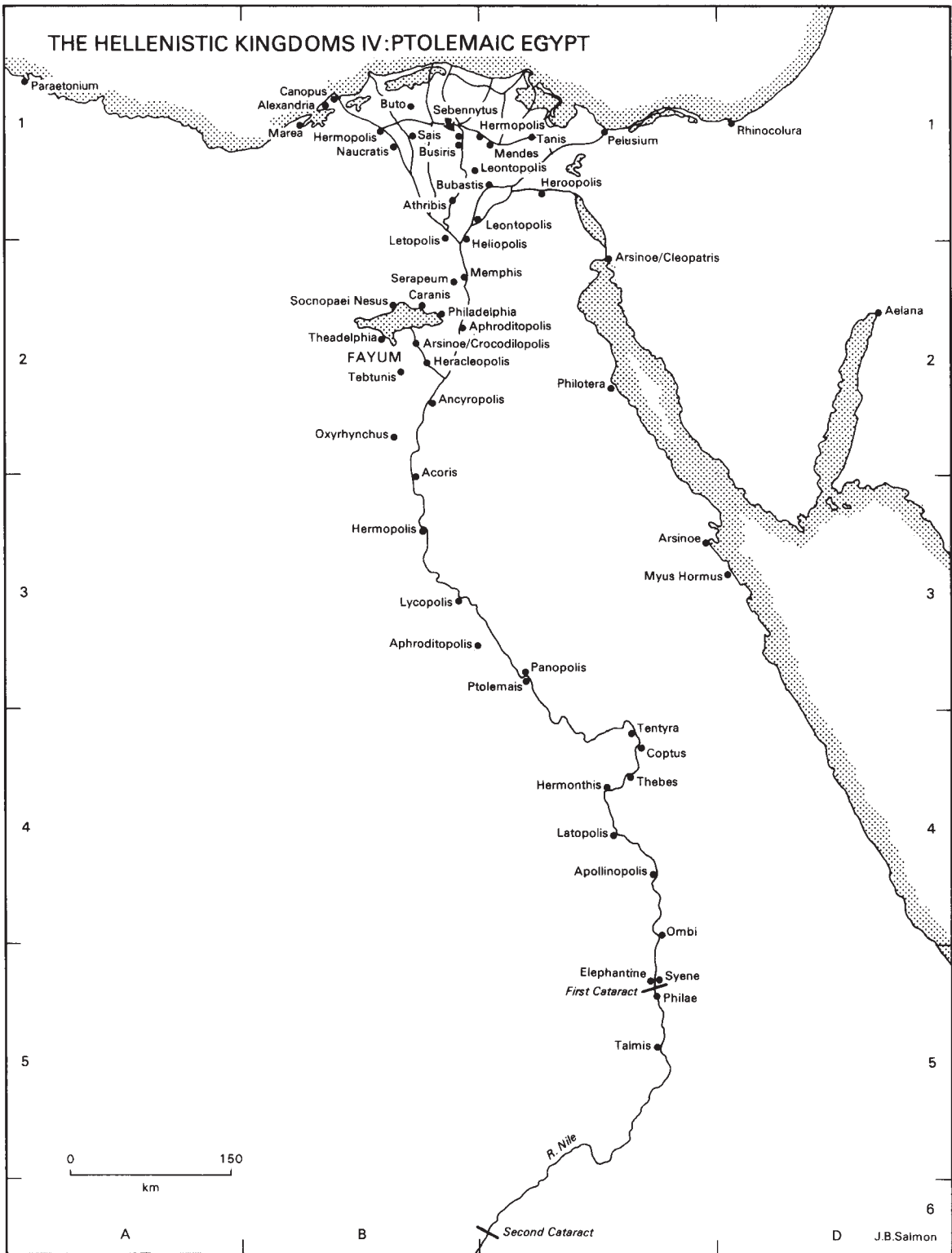
While Alexander greatly increased the scale of the Greek world, the successor kingdoms never quite achieved stability in their inheritance. The Ptolemaic dynasty in Egypt was both the first to be securely established and the last to fall, when Augustus defeated Antony and Cleopatra in 30 BC. Antigonus Monophthalmus gained control of Syria and Asia Minor, but lost it at Ipsus in 301; his descendants did not establish a secure hold in the Hellenistic world until a quarter of a century later, when Antigonus Gonatas gained Macedon. The dynasty finally fell after defeat by the Romans at Pydna in 168. The foundation of the Seleucid dynasty was laid by Seleucus in the eastern part of Alexander's realm while Syria was controlled by Antigonus Monophthalmus. Seleucus and Lysimachus, then in command of Thrace, defeated Antigonus at Ipsus; Lysimachus won Asia Minor and Seleucus north Syria. Twenty years later Seleucus defeated Lysimachus at Corupedium and gained Asia Minor. The Attalid dynasty of Pergamum remained a minor power until the Seleucids were excluded from Asia Minor, following the Roman victory over Antiochus III at Magnesia-by-Sipylus in 190.

A major feature of the period was the foundation of new cities, often with dynastic names. The trend, begun by Alexander, was continued especially by the Seleucids. Cities reinforced royal control, and offered familiar institutions to the Greek and Macedonian settlers who fulfilled a key military and administrative role. Many native settlements were eventually granted city status. Cities enjoyed a theoretical independence, though in practice they generally recognised that their interests coincided with those of the kings. Even in the Greek homeland new cities such as Demetrias, and Lysimacheia in the Thracian Chersonese, were founded by the kings, or old cities were strengthened, to secure control of strategically vital regions. By contrast, the Ptolemies' control of Egypt was secure enough to make new cities superfluous; their only foundation was the early one of Ptolemais.

The Seleucids' realm cannot be accurately defined at any stage. Once established in north Syria, they secured it with numerous city foundations in what came to be known as the Seleucis. This controlled communications either side of the desert between Coele Syria and Mesopotamia, both with Egypt and further east along the rivers Tigris and Euphrates. It also gave Seleucus his only westward sea communications; when he gained Asia Minor it became less exposed on the periphery of the realm, but Seleucid control in Asia Minor was only ever partial. The Ptolemies maintained possessions in the south, while independent states were strung along the north coast. The Galatians were gradually restricted to what came to be known as Galatia; and the Attalids were independent long before they profited from the Roman desire to exclude the Seleucids. Rebels exploited the difficulty of maintaining control over the enormous realm, and kings faced attempts at secession both in Asia Minor and in the 'Upper Satrapies' beyond Seleuceia on the Tigris. Seleucus I had already yielded the easternmost portions of Alexander's conquests to Chandragupta, while royal subordinates later seceded in Bactria and Parthia. Antiochus III restored control briefly. But pressure from the Parthians combined with that of Rome to squeeze the Seleucids into north Syria, where they were finally suppressed by Pompey.

The power of the Ptolemies was based on the wealth of Egypt; but in the late fourth and third centuries they enjoyed widespread possessions in southern Asia Minor, the Aegean and even mainland Greece. Despite his failure to participate at Ipsus—indeed perhaps because of it—Ptolemy I profited by seizing Coele Syria; the area was disputed with the Seleucids in various 'Syrian Wars' until Antiochus III gained it, along with a problematic relationship with the Jews, in 200. Major internal difficulties, created both by rebellious Egyptians and by dynastic disputes, prevented the Ptolemies from playing a significant positive role in the Mediterranean world in the second century.

# THE HELLENISTIC KINGDOMS IV: PTOLEMAIC EGYPT



0 150  
km

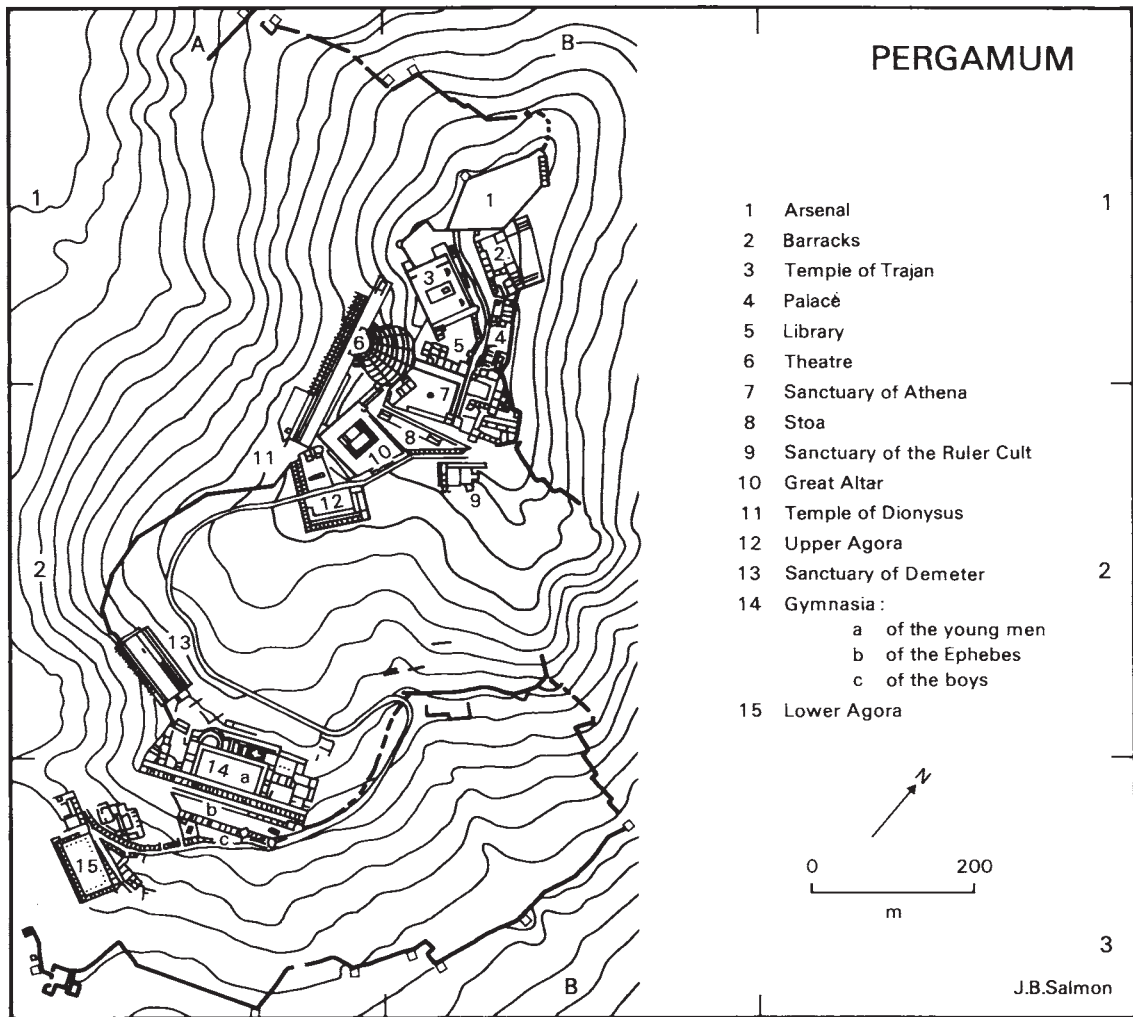
A

B

Second Cataract

D

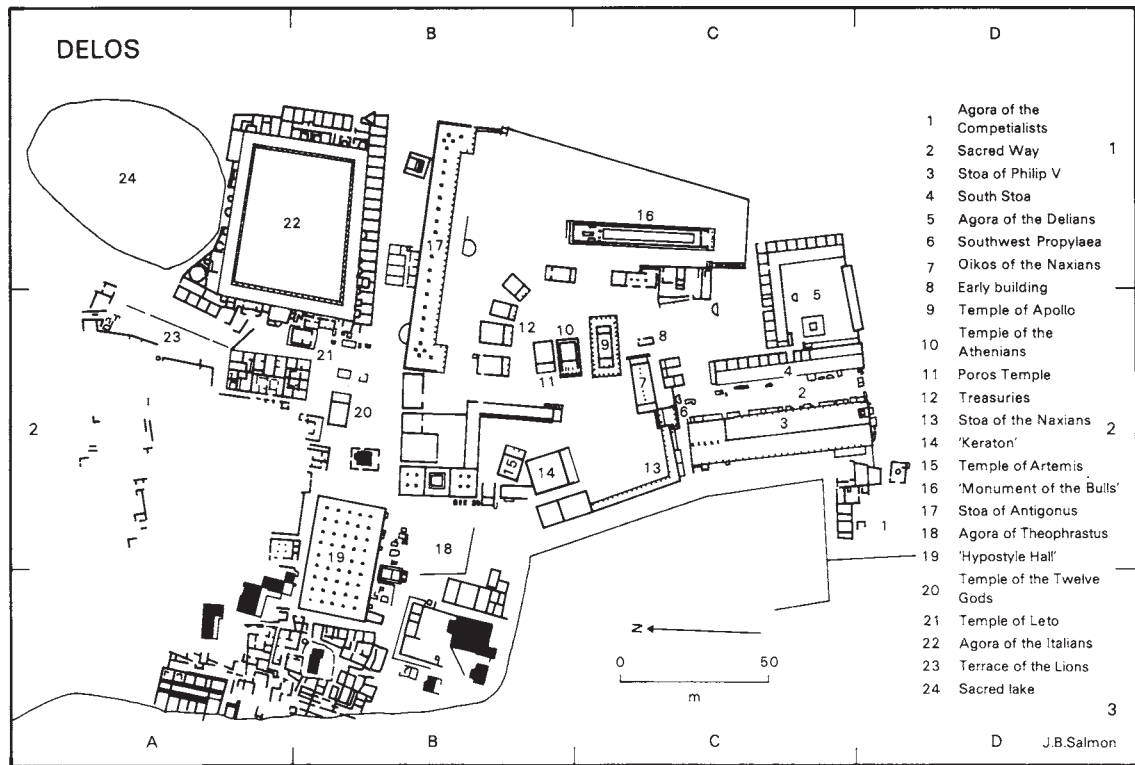
J.B. Salmon



## Pergamum

Lysimachus, when he controlled Asia Minor, left Philetaerus in charge of his treasury at Pergamum and enabled him to lay the foundations for the Attalid dynasty. It increased its status with the defeat of the Galatians of central Asia Minor by Attalus I in the 230s. Pergamum, built on a steep rocky hill, reflects both its standing as a royal capital, and what was expected of a well-appointed Hellenistic city. The gymnasium, with its three

sections (14a-c), was the largest in the Greek world. The arsenal (1), barracks (2), and palace (4) were situated appropriately at the top of the hill. The library (5) shows the Attalids as patrons of learning, while the sculptural decoration of the Great Altar of Zeus (10), depicting the battle between Gods and Giants, symbolises the victory over the Galatians.



## Delos

The earliest known temple (11) on the tiny Aegean island of Delos is as late as the sixth century; but other buildings (7, 8) on the site reflect a much earlier origin for the cult of Apollo here. A huge marble statue of kouros type, made in the early sixth century, stood in the open air against the north wall of the Oikos (House) of the Naxians (7); and a terrace which looked over the approach from the north was embellished by a series of marble lions (23). When the Delian League was founded, a new temple (9) was begun; but it was not completed until Hellenistic times, perhaps because of the removal of the treasury of the League to Athens in 454. A third temple (10) was constructed by the Athenians during the Peloponnesian War, and the island was ritually purified. But there was never a large temple on the site. Since the whole island was thought to be sacred, the sanctuary was not clearly defined. Other deities besides Apollo had temples,

among them his sister Artemis (15), and their mother Leto (21). A sacred dance was performed in front of the Keraton (14).

The fourth century saw little development; but during the Hellenistic period the first major structures were erected. Kings of the Antigonid dynasty of Macedon constructed two stoas (3, 17), and an Antigonus (probably Gonatas) built what is known from part of its decoration as the Monument of the Bulls (16) to house a ship dedicated in memory of a naval victory. The numerous agoras (1, 5, 18, 22) reflect the Hellenistic development of Delos as a commercial centre, and the 'Hypostyle Hall' (19) may have been connected with similar activity. Structures for other deities, often showing the cosmopolitan origins of the traders who frequented the island, were to be found elsewhere; and especially to the south of the main sacred area there were residential quarters.

---

## Major Cult Centres of the Classical World

---

No maps can show the complexities of religion in the classical world. Personal beliefs defy geography, and polytheism itself took many forms. There were cults of most of the Olympian gods in every great city and in many lesser ones. The maps here present a selection of major shrines, oracles, and centres of worship, all notable for political or literary reasons. Cults of heroes, and places merely mentioned in the legends associated with deities, are generally excluded except for the cult of the 'demi-god' Heracles, and the special case of the oracle of the seer Amphiaraus. No attempt has been made to mark all shrines known in major centres of population, such as Rome, Ostia or Athens. It should be recognised that cult was also paid everywhere to numerous local heroes—such as Oedipus at Colonus, or Neoptolemus at Delphi, to name but two prominent in the literary tradition.

The picture which emerges cannot reveal the numerically dominant cult in particular areas. The cults of Iuppiter and Mars, for example, were in fact predominant throughout Italy. Equally it has not proved possible to trace on the maps the rise and decline of different sites. For instance, the Olympic Games are important from the earliest historical times, while the mysteries of the Cabiri on Samothrace only assume significance first in the fourth century, and reach their heyday much later; the latter point applies also to the sites of the Asia Minor coast. The emphasis in these maps is on cults vigorous in the classical period.

The map of the Aegean World attempts to show, within the constraints of present knowledge, four principal features as follows: cults, festivals and sites of panhellenic importance (oracles, games, mysteries); cults of unusual interest owing to the nature of their ritual (Brauron, Eleusis, Artemis Orthia at Sparta, Lebadea); cults where the archaeological evidence is especially illuminating or interesting (Bassae, Aegina); the legendary dwelling places of the gods, important in literary sources. In most of the cults, the ritual included an annual festival, often with races or other games. Where the names of the festivals do not echo that of the god honoured, they may be traced through the works

cited in the 'Suggestions for Further Reading'. It should be noted that because of the strong Minoan-Mycenaean heritage, *Cretan* gods and cults differ from those of the mainland. Most Cretan gods, however, came to be identified with counterparts from the latter group in the classical period. The cults shown in Sicily and south Italy reflect some of the vigorous temple building of the tyrants of the sixth and fifth centuries BC. It is hard to tell how far the sites of temples there continue the traditional cult sites of pre-Greek times.

In some parts of the ancient world major cult centres were so few that no attempt has been made to map these areas. For the western provinces of the Roman Empire, the table in R. MacMullen, *Paganism in the Roman Empire*, p. 6, shows that—apart from Iuppiter, whose cult was preeminent here—the most popular gods in dedicatory inscriptions were as follows, in descending order of frequency:

Gaul and Germany: Mercury, Mars, Apollo, Hercules, Mithras/Sol, Fortuna, Cybele, Silvanus;

North Africa: Mercury, Liber, Fortuna, Mars, Venus, Hercules, Aesculapius, Silvanus;

Italy (apart from Rome and Ostia): Hercules, Mercury, Fortuna, Silvanus, Diana, Isis/ Serapis, Mithras/Sol, Venus, Mars;

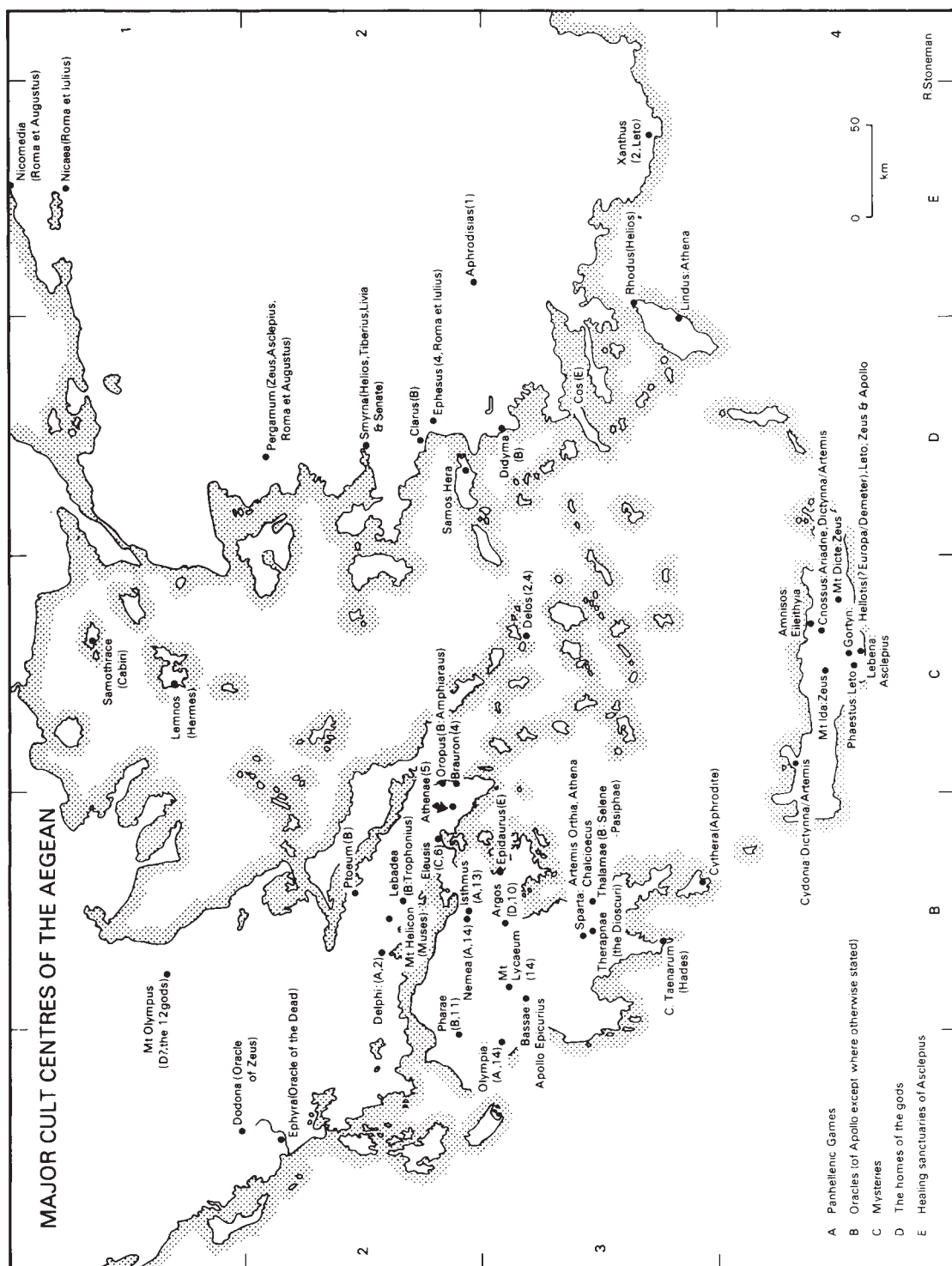
North-central provinces: Silvanus, Mithras/Sol, Diana, Hercules, Liber.

Further complication was caused by the tendency to identify gods of one people with those of another (syncretism). Greeks gave the names of their Greek gods to the deities whose cults they encountered in Egypt; Romanised Celts identified their own gods with those of the Romans, or combined two names of originally separate divinities (like Mars Segomo). The most important series of identifications—the *interpretatio romana* of the main Greek deities—appears on p. 81.

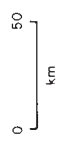
Many gods appear in the same form in Greek and Latin: for example, Apollo (Phoebus), Cybele, Hecate, Isis, Uranus. For some Roman gods—such as Ianus and Iuturna—no Greek equivalent was found.

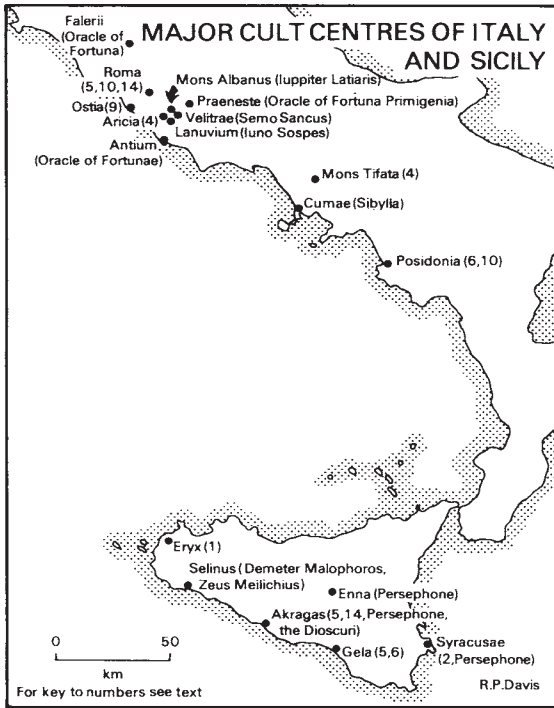


# MAJOR CULT CENTRES OF THE AEGEAN



- A Panhellenic Games
- B Oracles of Apollo except where otherwise stated
- C Mysteries
- D The homes of the gods
- E Healing sanctuaries of Asclepius

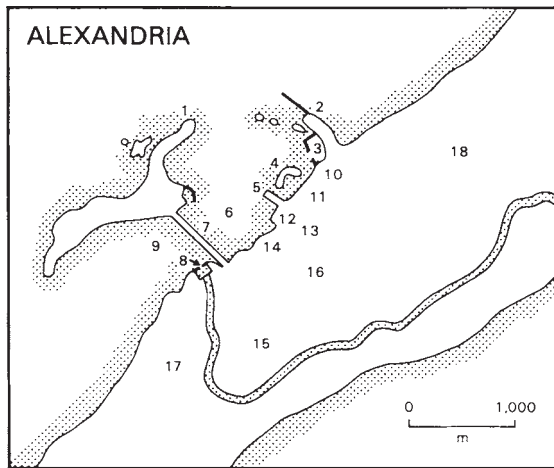




*The Great Olympians* (numbered as on both maps opposite): 1. Aphrodite=Venus; 2. Apollo= Apollo; 3. Ares=Mars; 4. Artemis=Diana; 5. Athene=Minerva; 6. Demeter=Ceres; 7. Dionysus (Iacchus, Bacchus)=Liber Pater (Bacchus); 8. Hades (Pluton)=Dis (Pluto); 9. Hephaestus=Volcanus; 10. Hera=Iuno; 11. Hermes=Mercurius; 12. Hestia=Vesta; 13. Poseidon=Neptunus; 14. Zeus=Iuppiter.

*Other deities:* Amphitrite=Salacia; Asklepios= Aesculapius; Charites=Gratae (the Graces); Cronos=Saturnus; Eileithyia=Lucina; Enyo= Bellona; Eos=Aurora (Dawn); Erinyes=Furiae (the Furies); Eros=Cupidus; Gaia=Tellus (Earth); Hebe=Iuventas; Helios=Sol (Sun); Hygieia=Salus (Health); Leto=Latona; Moirae =Fata or Parcae (the Fates); Nike=Victoria; Pan =Faunus; Persephone (Kore)=Proserpina (Libera); Satyres=Satyres, Fauni or Sileni; Selene =Luna (Moon); Silenus=Silvanus; Tyche= Fortuna.

*Heroes:* Aias=Aiax; Hekabe=Hecuba; Heracles =Hercules; Odysseus=Ulixes.



- |   |   |
|---|---|
| 1 Lighthouse  | 11 Theatre  |
| 2 Cape Loxias   | 12 Caesareum/Sebasteum                                |
| 3 Royal Harbour                                       | 13 Emporium   |
| 4 Antirrhodus   | 14 Dockyards  |
| 5 Timonium  | 15 Serapeum, 'Pompey's Pillar' (Column of Diocletian) |
| 6 Great Harbour                                       | 16 Small Late Roman Theatre                           |
| 7 Heptastadium  | 17 } Cemeteries                                       |
| 8 Cibotus Harbour                                     | 18 }  |
| 9 Eunostus Harbour                                    |   |
| 10 Palaces, Museum, Tomb of Alexander & the Ptolemies |   |
- J.B. Salmon

## Alexandria

Alexandria was Alexander's first foundation; it soon became the capital of the Ptolemies. The Heptastadium joined the island of Pharos to the mainland and created two main harbours. The royal palaces, the tomb of Alexander and the museum and library were all to be found in the same region of the city: from the latter two institutions those attracted by Ptolemaic patronage led the intellectual life of the Hellenistic world. Alexandria's commercial significance is shown by the emporium, with its customs and warehouses. Very little, however, has been uncovered, although cemeteries to east and west presumably define the area inhabited by the mixed Greek, Jewish and Egyptian population. The Serapeum is known from excavation; the site of the Caesareum, later the Sebasteum (Augusteum), was marked by two obelisks removed in the nineteenth century to London (Cleopatra's Needle) and New York. But in general our knowledge of the Ptolemaic city still depends mainly on Strabo's description.

# ETRURIA AND ETRUSCAN EXPANSION IN NORTHERN ITALY



- Major Etruscan settlement
- Minor Etruscan settlement
- Strong Etruscan influence
- Other settlement
- ▼ Mining area
- Murlo Modern name

0 50  
km

---

## Etruria and Etruscan Expansion in Northern Italy

---

Etruria proper is bounded by the rivers Arnus and Tiber and stretches from the Tyrrhenian Sea to the Apennines. Much of the terrain—like the Colline Metallifere and Mons Amiata—is mountainous, or at least hilly. The volcanic activity which created Lake Volsiniensis and other crater lakes also formed soft tufa rock which breaks down easily to form a fertile soil. There are alluvial river valleys and small coastal plains. In classical times, at Veii and elsewhere irrigation improved natural fertility. There were easy communications by sea and along the navigable Arnus and Tiber; many smaller rivers, too, linked inland towns to the coast. An important route was provided by the Clanis and Tiber: it joined the northern and southern cities, and through Rome or Praeneste gave access to the Liris-Volturnus route into Campania. Northwards, a route led from the mid-Arnus over the Apennine watershed to the Rhenus, and thence to Felsina and the Po. Mineral deposits exploited from the Bronze Age explain early Etruscan prosperity. Ilva (Elba) produced iron, Volaterrae copper, Tolfa iron and copper, while the Colline Metallifere yielded copper, silver, and lead.

Etruscan civilisation flourished from the eighth century and reached its height in the sixth century. Its heartland roughly corresponds with the southern area of Villanovan influence—an Iron Age culture (900–700) named after Villanova, near Felsina, where the first finds were made. While Villanovans played an important formative role, other influences, too, moulded Etruscan civilisation, especially from the east. In the seventh century Etruscan city-states developed, typically consisting of a planned urban centre, with an agricultural hinterland and a cluster of satellite towns. In addition to alliances, a loose confederation of 12 cities—the ‘Etruscan dodecapolis’—is recorded, probably religious rather than political in character. Within communities a wealthy elite controlled a large class of dependants. South Etruria developed first, with the growth of towns such as Tarquinia, Caere, Vulci and Veii: lying on accessible trading routes, these centres achieved a high degree of skill in metal-working,

pottery, and other crafts. More northerly inland towns like Clusium soon followed. Later their flourishing agriculture enabled them to remain prosperous after the coastal towns had started to decline in the fifth century.

Etruscans crossed the Apennines to settle in the Po valley, where their most important towns were Felsina, Marzabotto and Mantua. Down to the fourth century there was also considerable interchange with other communities both north and south of the Po, and along the Adriatic coast. In the fifth century Adria and especially Spina became major centres for trade with Greece. Southwards, Etruscans settled at Capua and elsewhere in Campania as far as the Salernum area (see p. 115). Sources mention a dodecapolis in both the Po area and Campania. Despite the difficulties which the story raises, it reflects a strong tradition about the scope of Etruscan power. Notable influence in Latium is best documented for Rome: an Etruscan dynasty ruled here from the late seventh century, and constitutional, religious, and artistic influences are clear. Remains from Praeneste and other Latin towns similarly reflect close links.

Etruscan sea-power brought contact with Corsica, Sardinia and the Phoenicians. Commercial and military alliances were made between Etruscans and Carthaginians, who shared a common interest in resisting Greek penetration of the Western Mediterranean. Nonetheless Etruscans traded extensively with Greeks, as well as developing and transmitting an alphabet derived from that used by the Greeks of Cumae in the eighth century.

From the late sixth century Etruscan power began to decline, with the fall of the Etruscan dynasty at Rome, and defeats by Latins and Cumaeans at Aricia *c.* 504, and by the Syracusans off Cumae in 474. In the north, Celts pressed on the Po area in the later fifth century, and reached north Etruria in the fourth century. Finally Rome took the offensive. Veii fell first, in 396; with the conquest of Falerii in 241, the whole of Etruria was under Roman domination.

# EARLY ITALY



- |               |                           |
|---------------|---------------------------|
| <u>DAUNI</u>  | 6th - 5th century peoples |
| RAETI         | 4th - 3rd century peoples |
| □             | Greek colony              |
| ●             | Major settlement          |
| <u>Brixia</u> | Ancient name              |
| <u>Murlo</u>  | Modern name               |
| +             | Battle - Roman defeat     |

- |   |                  |
|---|------------------|
| 1 | Vei              |
| 2 | Corfinium        |
| 3 | Praeneste        |
| 4 | Pietrabbondante  |
| 5 | Larnum           |
| 6 | Teanum Sidicinum |
| 7 | Suessula         |

0 100  
km

---

## Early Italy

---

Italy in the early historical period presented a diversity of peoples, with different languages, cultures, and levels of civilisation. From the fifth century, population movements, invasions and resettlement created considerable flux. Moreover, on the southern and western coasts, good communications by sea and land, together with the presence of foreign settlers and traders, contributed to the spread and exchange of cultural influences. The eastern side, with less favourable terrain and poorer communications—no navigable rivers or good harbours—was less affected by such development, while the Apennines limited westward contact. Impact from overseas is clear: from Carthaginians based in Corsica, Sardinia and Sicily; from Greeks (Italiotes), who since the eighth century had colonised the coast from Cumae to Tarentum (*Magna Graecia*) as well as Sicily; from Illyrians, known as Iapyges, who settled first in the heel of Italy and then spread north; and from Gauls, Celtic-speaking invaders from beyond the Alps.

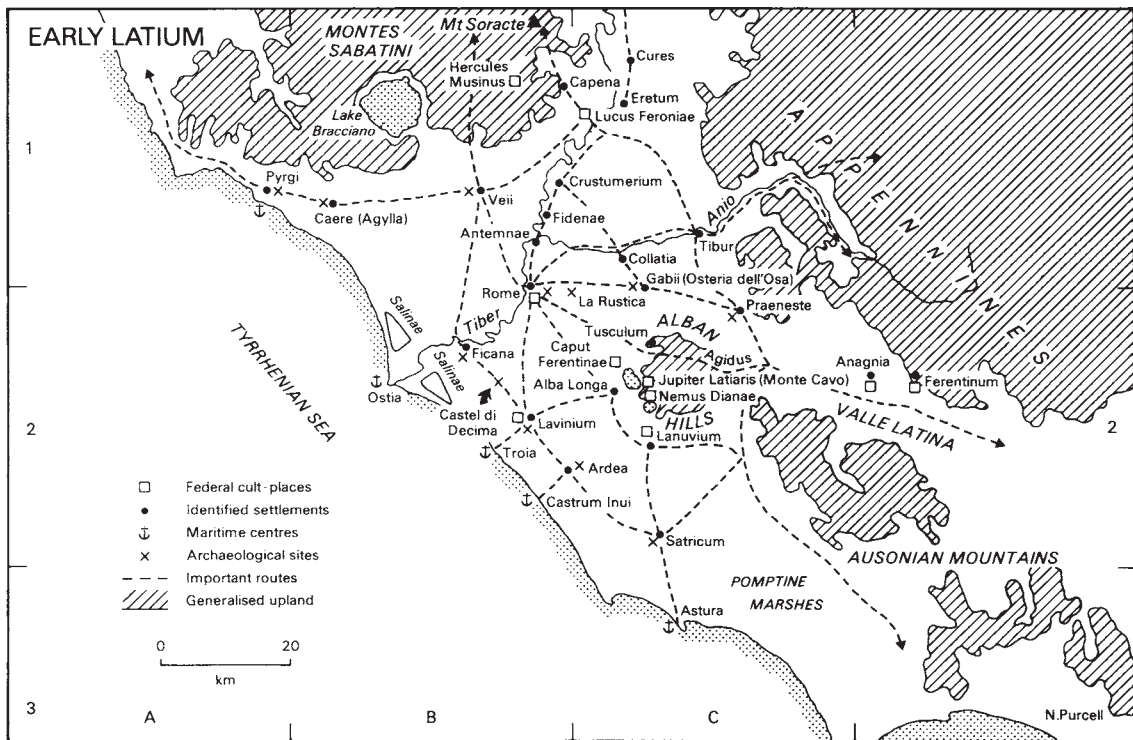
In the north, from the fifth century Gallic tribes occupied the area which Romans called *Gallia Cisalpina*. The Insubres and Cenomani settled north of the R. Padus (Po): these Transpadane Gauls greatly influenced their neighbours the Veneti and Raeti, and also mingled with Ligurian tribes to the west. South of the river, the powerful Boii around Bononia, together with their kin the Lingones, ended Etruscan control of the Po valley area. The most southerly group, the Senones, occupied the Adriatic coastal region later known as *Ager Gallicus*. Celtic incursions reached Etruria, Latium and, in 390, Rome itself. Even when settled, the Gauls were widely regarded as a threat until the early second century—a factor which contributed to the establishment of Roman hegemony in Italy. In the north western Apennines lived the Ligures, a tough, semi-civilised people; only the coastal tribes enjoyed significant prosperity.

In peninsular Italy, the Etruscans, powerful until the fifth century, spread their civilisation to the Po area and Campania (see p. 82). East of Etruria, the Umbrian tribes formed a cultural, but not a

political, unity. Picenum on the Adriatic was another region with a distinctive culture, but ethnically mixed, including a strong Sabellic (Oscan-speaking) element. The Praetuttii, too, were Sabellic. On the west coast, Rome's immediate neighbours were her kin the Latins; they and the Hernici were her earliest allies against fifth century incursions upon Latium by the Umbrian-speaking Aequi and Volsci. There were also early contacts with the Sabini, along the saltroute from the sea to their inland villages. The Aurunci were the last remaining element of the originally widespread Osci, overrun by more powerful neighbours. Italic peoples of the mid-Apennine area encountered by Rome in the fourth century were the Vestini, Marrucini, Paeligni and Frentani: all were Oscan-speakers living under various forms of tribal organisation, as did the Umbrian-speaking Marsi.

From the late fifth century the Sabellic tribes of the southern Apennines expanded notably. After the collapse of Etruscan power in Campania, cities such as Capua and Cumae were taken over and adopted Oscan speech. However the Sabellic invaders—thereafter known as Campanians—became completely urbanised under a city-state organisation, as had the Sidicini. In the fourth century they in turn were threatened by their Samnite kin, the warlike Oscan tribal confederation of the Apennine uplands—Caudini, Carricini, Pentri and Hirpini, the two last being the most powerful. East of the Apennines, the Dauni and Peucetii had developed a distinctive culture. When Sabellic penetration occurred there too, it was the northern peoples, the Apuli, who became the most Oscanised; the Messapii retained an Illyrian-type language. Further south west, the Oscan-speaking Lucani similarly overran and mingled with the Oenotri in the fifth century, as well as attacking several Greek cities. The toe of Italy was occupied by the tribal federation of the Bruttii, who were an offshoot of the Lucani: yet they never entirely dominated the Greek settlers there.

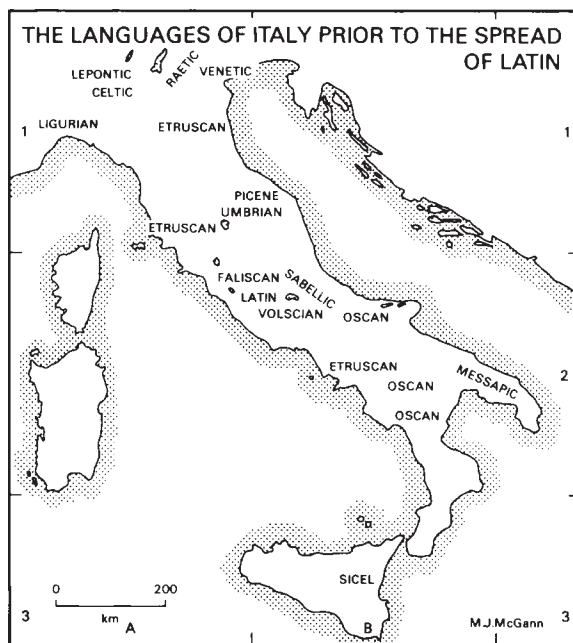




## Early Latium

Between the steep scarp of the Appennine ridges and the outlying Ausonian mountains, the Valle Latina provides an excellent low level inland route north from Campania. It debouches into a wide plain from which rise two large volcanic uplands, the Monti Sabatini and the Alban hills. Between these flow the perennial and navigable Tiber, and its tributary the Anio, whose headwaters form a rare east-west route across the mountain spine of the peninsula. A relatively heavy rainfall has furrowed the sides of the volcanoes with a radial pattern of deeply incised gullies, between which are many defensive sites. In the eighth to sixth centuries these were occupied by the numerous small agricultural settlements of an Italic people whose copious archaeological remains are now usually called Latial. Over the last twenty years it has become clear from sites like Castel di Decima and Osteria dell' Osa that their society was prosperous and complex, as well as distinct from the Hellenised Etruscans to the north and in Campania, and from the other Italic peoples.

Near the Tiber—which served both as a route to the interior and as port of entry for overseas cultural influences—the terrain is flatter, though not very fertile. This is the distinctive landscape of the Roman Campagna, an area virtually uninhabited in large tracts almost within living memory, but in the imperial period the teeming hinterland of Rome: it was crisscrossed by a network of local and long-distance roads, which gave access to suburban communities, dormitory towns, villas and horticultural areas (see p. 122). This unique human landscape was the product of Rome's astonishing success as an imperial capital. Her cultural and political achievement was founded upon her nodal position on the navigable Tiber: in the Latial period this had given her the hegemony of the towns of the region, as well as a prosperity which even in the sixth century made her one of the larger cities of the western Mediterranean.



## The Languages of Italy Prior to the Spread of Latin

It is impossible to represent accurately with clear cut boundaries the languages spoken in Italy at a precise date. With the exception of Latin, our knowledge of the languages of ancient Italy derives mainly from inscriptions (most of which cannot be dated precisely), and in a much lesser degree from proper names and a few individual words (glosses) preserved by classical writers. Not only is this latter evidence, too, chronologically ill-defined; it also does not necessarily provide accurate information about *speech* communities. The map therefore must confine itself to illustrating the linguistic diversity of Italy and Sicily before the rise of Rome and the accompanying spread of Latin.

Several of the languages of ancient Italy—including Latin—belong to the linguistic group called Indo-European. In ancient times such Indo-European languages were spoken in areas as far apart as Ireland and India. They share certain features usually held to point to a common origin in a language not directly attested (termed proto-Indo-European). From it, through a process of differentiation, the historically attested Indo-European languages derive.

*Latin* was originally the language of the city of Rome and, with some dialectal differences, of the region of Latium. Very similar to Latin is the language of some inscriptions from Falerii, north of Rome. Known as *Faliscan*, it shows in addition some influence from *Etruscan*, the language of Etruria, which is attested also in the north east of the peninsula and in Campania. Etruscan is almost certainly a non-Indo-European language. It is represented by a large number of texts, most of which are short, and consist of proper names and recurring formulae; these can be understood. However, the much smaller number of longer texts cannot yet be translated with confidence.

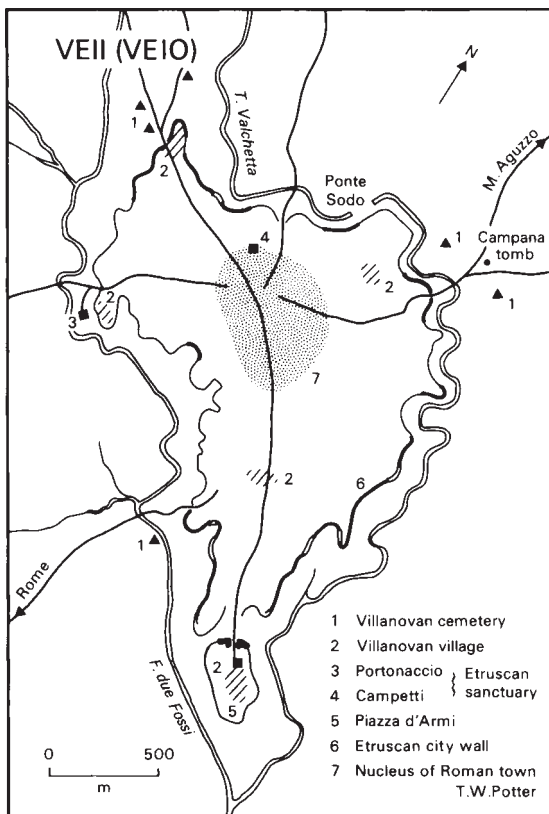
A language scantily attested through proper names and glosses in the region of Liguria, north of Etruria, has been called *Ligurian*. *Celtic* (an Indo-European language) was introduced to Italy by settlers who established themselves in the north Italian plain and were called Galli by the Romans. From an area further north come inscriptions in an apparently Indo-European language called *Lepontic*. In north east Italy are attested *Raetic*, of uncertain clas-

sification; *Venetic*, Indo-European, and showing similarities to Latin; and, as has been noted, *Etruscan*. From further south, in Picenum, comes a number of inscriptions in a language, or possibly two languages, of obscure classification, which is best called *Picene* (or *North* and *South Picene*).

From Iguvium in Umbria (east of Etruria) come substantial religious inscriptions written in an Indo-European language which is taken to be representative of the whole region and is termed *Umbrian*. Closely related to it is *Oscan*, the dominant language

of southern Italy before the Roman conquest. In central Italy various languages are attested—the *Sabellic* group and *Volscian*. These show similarities to Oscan and Umbrian, and with them form the so-called *Oscan-Umbrian* group of languages.

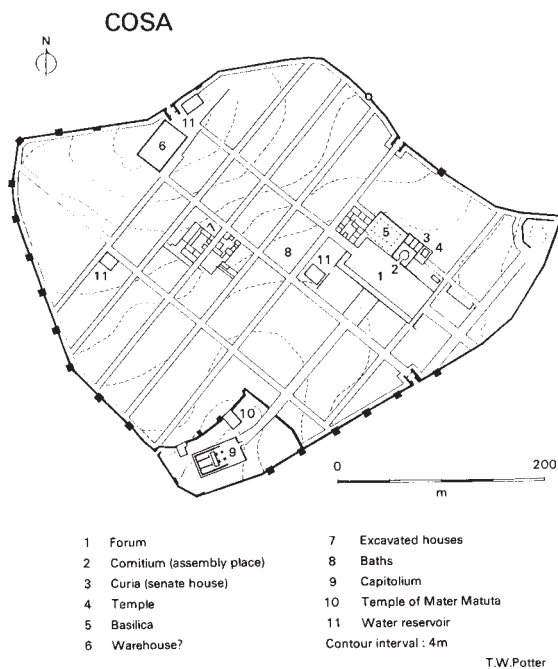
A language attested in the heel of Italy, *Messapic*, has been seen as having Balkan connections. Some inscriptions from the east of Sicily are in a language called *Sicel*. In addition to these languages, *Greek* was spoken and written in many places in southern Italy and Sicily.



## Veii

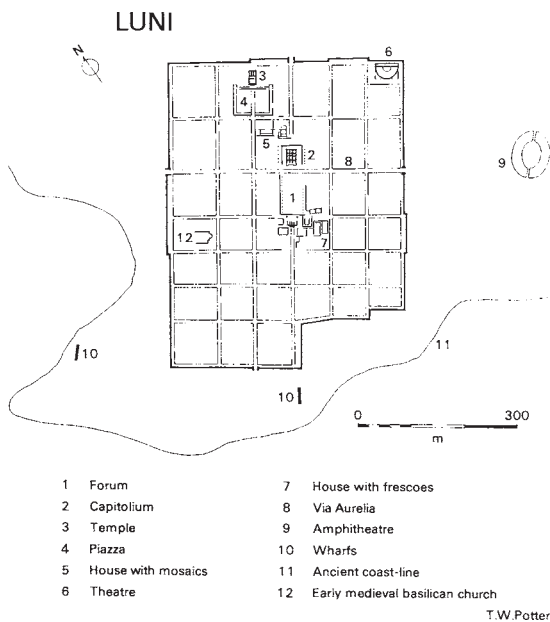
The site of Veii lies 16 km to the north of the centre of Rome, a proximity that was bound to bring this leading Etruscan city into conflict with an expanding young republic. Veii originated as a series of Villanovan villages, probably founded in the ninth century BC; they were dispersed around a great plateau, strongly protected by river valleys. These villages eventually coalesced to form the Etruscan settlement. Regular streets, houses and a sanctuary were laid out in the sixth century on the Piazza d'Armi, but the rest of the Etruscan city grew up in a haphazard way. Though massive town defences were provided in the fifth century, the city lapsed into obscurity after Veii's defeat by Rome in 396.

As a community which possessed a forum, theatre, baths and the *schola* of a *collegium* (the three latter structures known through inscriptions), Veii was later accorded municipal status under Augustus. But it had been bypassed by the new Roman road system, and supported only a small population. Veii was nevertheless one of the many major Etruscan cities which remained in occupation well into the imperial period, and often into medieval and modern times.



## Cosa

The Latin colony of Cosa was founded in 273 BC in the territory of the Etruscan city of Vulci. Strongly positioned on a limestone hill overlooking the Tyrrhenian Sea, it has been extensively excavated. The walls enclosed some 13.35 hectares of undulating terrain, which dictate the irregular shape of the defences. There were numerous towers along the more vulnerable west and south sides, which face the sea; and, as was customary in Italic towns, there were three gates. Inside the walls, the streets divided the town into a series of rectangular blocks. The irregularity of the contours ensured that the forum and associated buildings (which represent at least five main phases of construction) lay somewhat off centre; while the Capitulum was situated within its own defences on an eminence to the south west. Houses are attested in nearly every block: excavation shows them to have consisted of rooms laid out around a central court. Water storage tanks are also a conspicuous feature of the site.



## Luna

The Roman colony of Luna (Luni) is situated on low-lying flat ground, close to the ancient coastline of the Tyrrhenian Sea and overshadowed by hills containing the imperial marble quarries of Carrara. Founded early in the second century BC and made a *colonia* under Augustus, the site was not finally abandoned until the thirteenth century AD. The town plan as demarcated by its wall is a rectangle, within which was a regular grid of streets. Public buildings identified include a forum—centrally placed, as was customary—the Capitulum, and a covered theatre. Richly decorated private houses have also been excavated. Outside the town was an amphitheatre; there are traces of wharfs too. These port facilities were of particular importance for the export of marble, cheese and other goods, as well as for the import of items such as oil and wine from Spain, north Africa and elsewhere. Although the forum was out of use by *c.* AD 400, the long-distance trading contacts remained active till much later.



---

## Republican Rome

---

Streams draining into the R.Tiber have cut deep, steep-sided valleys into gently sloping beds of volcanic tufa and calcareous freshwater deposits to form long projecting spurs and isolated hills. The gullies between these were much deeper before the centuries of continuous urban occupation partly obliterated them. The valley floors were very illdrained, so that in the eighth and seventh centuries BC it was the tops which formed the sites for a number of nucleated village settlements. The Romans believed that the one on the Palatine Hill—which they called *Roma Quadrata*, or ‘Square Rome’—was the most ancient. In affirming its primacy they could show huts and other genuine remains of the prehistoric period. They also believed in an ethnic difference between the inhabitants of the hills.

Archaeology and the Roman tradition alike confirm the unification of these settlements into one large and urbanised unit around the end of the seventh century. In the sixth century Rome was a city of importance, with fortifications and public monuments comparable to those of any contemporary Mediterranean city—above all the great temple of Jupiter on the Capitol. The Tiber had been bridged by this time: indeed it was the presence of the bridge which brought about the accumulation of the island in the river, not the island which made possible the bridge. In affording a highway to the interior as well as an extended, safe harbour along its banks, the Tiber was essential to the development of Rome: it made the city a great port and the place of contact between the Mediterranean maritime world and the peoples of peninsular Italy. Close to the river grew up the markets of the city and an emporium which attained its greatest elaboration in the second century BC with the building of the enormous *Porticus Aemilia*.

The valleys between the hills became densely packed with Rome’s rapidly swelling population, but the hilltops—cooler in summer—remained the preserve of the wealthy, particularly the Palatine and the *Carinae* spur of the Esquiline. By the end of the Republic the built-up area had virtually filled the walls of the Middle Republican period (last renewed in the 80s), and was spreading out onto the *Campus Martius* and beyond the *Capena Gate*. But the meadows of the two Tiber meanders were still too wet for development, and *Transtiberim* only became populous in the Augustan period. However from the third century onwards the open spaces of the *Campus Martius*—scene of popular assemblies at muster-time or elections—were rapidly made monumental along Hellenistic lines. A succession of triumphing commanders right down to Augustus built here great porticoes, temples, and finally theatres.

Although from the earliest times the same spirit of display had sprinkled the city with fine temples, it was only in the last years of the Republic that Rome’s architecture, even in the *Campus Martius* or *Forum Romanum*, once again came to compare with that of the Greek East. From the third century onwards much money had regularly been channelled into utilitarian projects such as aqueducts and roads, but the city remained under-provided with amenities, and its appearance was generally shabby until the Augustan age. Such open spaces as the *Circus Flaminius* and *Circus Maximus*, for example, did not acquire their monumental definition until quite late. The survival of so large a population in so cramped and unhealthy a position must always have been precarious; without the river, and later the assistance of the aqueducts, it would have been impossible.





---

## Roman Expansion in Italy to 268 BC

---

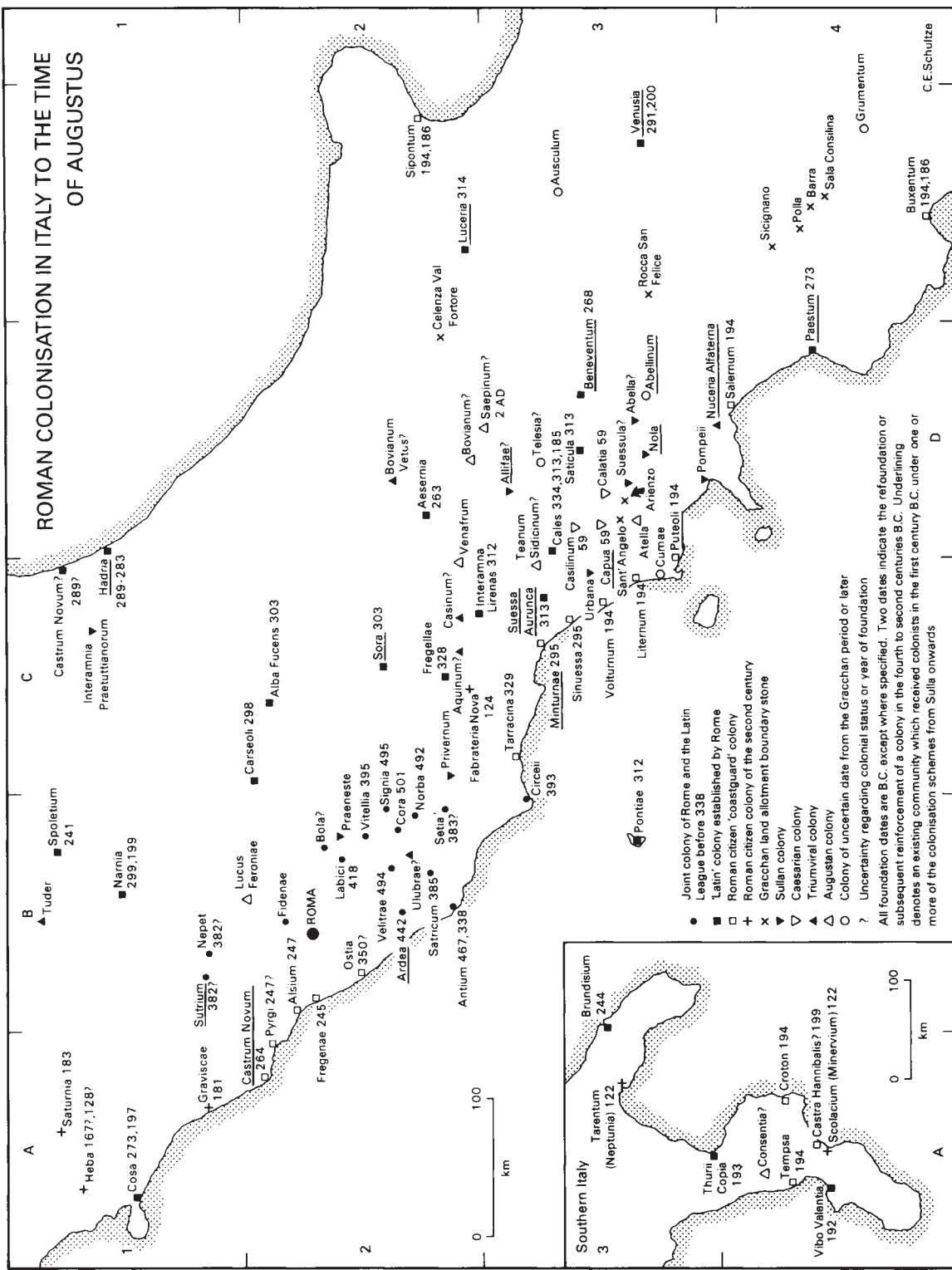
Roman expansion began in the regal period with the annexation of smaller neighbouring settlements. Their inhabitants became Roman citizens, enrolled in the four urban and seventeen rural tribes (local areas of domicile) which were in existence by 495. Down to the early fourth century Rome was occupied in holding her own in Latium, and in co-operating with her Latin and Hernican neighbours to resist incursions from Aequi and Volsci. Expansion took the form of colonisation jointly with the Latins (see pp. 94–5). The conquest of Etruscan Veii in 396 (see p. 82) greatly increased Roman territory: the land was allotted in *virgane* grants to individual Roman citizens, who were enrolled in four new tribes in 387. The capture of Rome by the Gauls in 390 slowed progress; but two new tribes were created in 358, and Rome had recovered by the mid-fourth century.

After victory over Latins, Campanians, Volscians and others in the ‘Latin war’ (340–38), the increasing size of the territory under Rome’s influence led to new forms of association and control, not necessarily entailing Roman annexation, settlement or even administration—for which, in any case, she was not equipped. Certain existing communities were incorporated as *municipia*: their inhabitants became Roman citizens, liable to military service and taxation. In recompense *municipia* enjoyed local autonomy and retained their laws, customs and identity. There were two grades: in the more privileged, the inhabitants were *cives Romani optimo iure* (Roman citizens with full rights), wholly equal to existing Roman citizens and enrolled in Roman tribes; in the less privileged, they were *cives sine suffragio* (citizens without vote), partial citizens, possessing the same rights in private law, but unable to vote or hold office at Rome. Full citizenship was granted initially just to selected Latin-speaking communities; more distant or less cultured peoples first received partial citizenship, and were upgraded later. Some Sabine towns were the first non-Latins to benefit thus in 268.

Other states became allies (*socii* or *foederati*) on signing a bilateral treaty (*foedus*) with Rome. This defined their duties and privileges, which varied greatly. Though in theory independent and self-governing, most allies were really more or less subordinate to Rome. Their chief duty was to provide troops; they did not pay Roman taxes. However, since treaties were often imposed by Rome after conquest—which usually also entailed confiscation of territory—the provision of troops from a reduced economic base could prove onerous. Allied communities were very diverse in origin and social organisation: Greek city states, Italian towns, tribal peoples. Those whose status is firmly attested or fairly certain are shown here; doubtless there were many more by the mid-third century.

After 338, the last power to resist Roman control of the peninsula was the Samnite tribal confederation of the southern Apennines. Rome recognised a Samnite sphere in a treaty of 354, and despite hostilities in 343–1, the Samnites were Rome’s allies again by the time of the ‘Latin war’ of 340–38. However Rome’s continuing expansion, and especially the foundation of Fregellae (328), provoked lengthy second and third Samnite wars (327–04, 298–90). The Samnites had Etruscan, Umbrian and Gallic allies, so that Rome was often fighting on two fronts. Victory at Sentinum (295) gained her northern central Italy, and by 290 the defeated Samnites were forced into a Roman alliance, losing much territory. Colonisation and *virgane* grants continued meanwhile, with new tribes being created in pairs in 332, 318, 299 and 241, bringing the tribal total to 35. Finally, in the Pyrrhic war (280–72) the Tarentines, other south Italians, and Samnites, with help from Pyrrhus of Epirus, made a last unsuccessful stand against Rome. Thus under one form or another the peninsula south of Ariminum was now subject to her; the process of assimilation and romanisation continued.

# ROMAN COLONISATION IN ITALY TO THE TIME OF AUGUSTUS



1

2

3

4

C

B

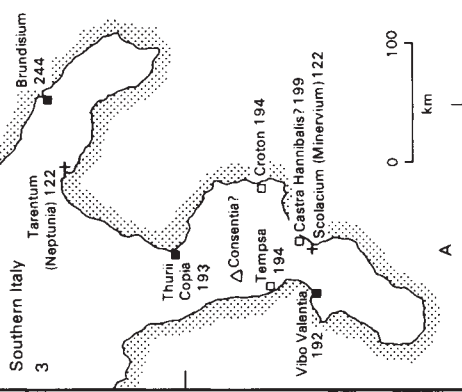
A

Joint colony of Rome and the Latin League before 338  
 Latin colony established by Rome  
 Roman citizen 'coastguard' colony  
 Roman citizen colony of the second century  
 Gracchan land allotment boundary stone  
 Sullan colony  
 Caesarian colony  
 Triumviral colony  
 Augustan colony  
 Colony of uncertain date from the Gracchan period or later  
 ? Uncertainty regarding colonial status or year of foundation

All foundation dates are B.C. except where specified. Two dates indicate the refoundation or subsequent reinforcement of a colony in the fourth to second centuries B.C. Underlining denotes an existing community which received colonists in the first century B.C. under one or more of the colonisation schemes from Sulla onwards

D

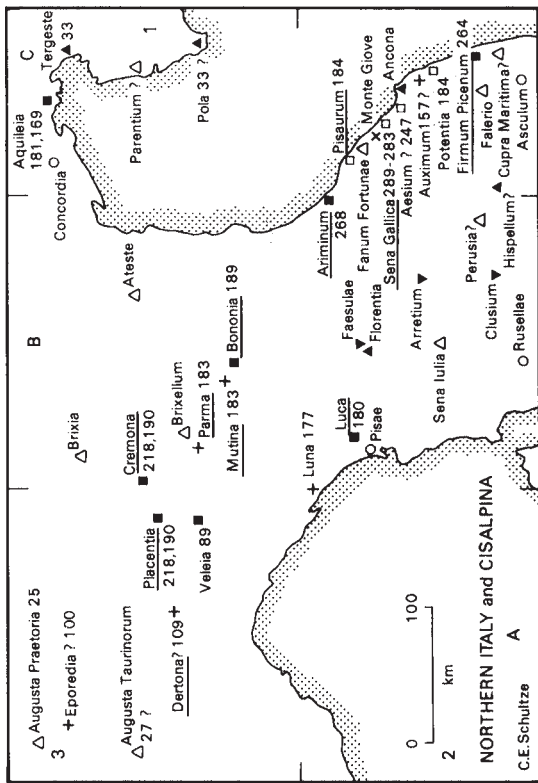
A



Southern Italy

3

A



## Roman Colonisation

In Roman terms, to found a colony was to establish a self-governing civic community with its own laws, magistrates and administration. The necessary land was acquired by conquest and expropriation of the former inhabitants. An urban centre was built to a more or less standard pattern, as at Cosa (p. 89). In addition to residential areas this included temples, market, assembly area and public buildings, like senate house, court, treasury. Some inhabitants lived within the walls, others settled in the *territorium* beyond. All were allotted plots of ground, as well as sharing rights over common land.

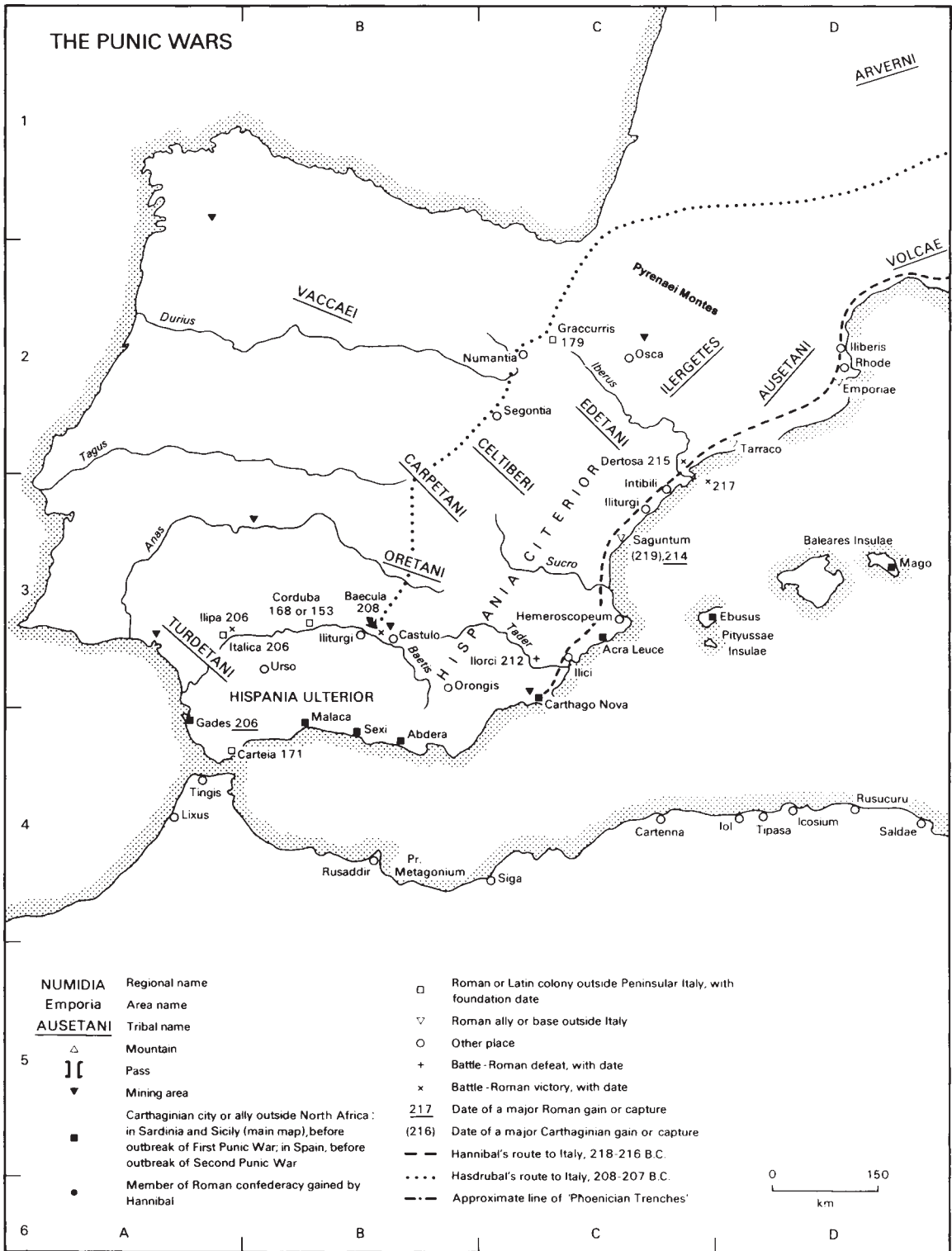
Down to 338 Rome established colonies jointly with her fellow members of the Latin League (*Priscae Latinae Coloniae*). The colonists held the citizenship of their new community, which was a Latin city like any existing League member. After the League's dissolution, Rome continued to

found similar colonies (as first at Caes in 334), which likewise possessed Latin status, although the settlers were no longer necessarily Latin by origin, nor were such colonies sited within the geographical area of Latium. These communities (*Coloniae Latinae*) often consisted of some 4,000 families. Rome also founded 'citizen' colonies (*Coloniae civium Romanorum*), whose inhabitants retained Roman citizenship: these were much smaller, with only 300 families, who were allotted tiny plots of land. They are often referred to as 'maritime' or 'coastguard' colonies, since their function was to protect coasts. After the second Punic war, with more confiscated land available, and a higher value set on Roman citizenship, citizen colonies of a new type came to be established: they were sited inland, and larger, with several thousand settlers who received bigger plots. Saturnia (183) conformed to this pattern; the few Latin colonies of the second century are similar.

Foundations then ceased for over 50 years. In the Gracchan period, however, colonisation and viritane allotment—the grant of plots to individual settlers without establishing any centre—were resumed. Next, after the Social war (91–89), the nature of colonisation changed. First century programmes involved the dispatch of new settlers (often veterans) to existing communities. Where insufficient public land was available, what was required had to be bought, or was confiscated as a consequence of civil war. By this period colonisation and land settlement generally had become important forms of political patronage.

Colonies fulfilled several major functions. They were often sited at strategic points or on main lines of communication: thus Fregellae (328) controlled a crossing of the R. Liris and threatened Samnium, while Cremona and Placentia (218) thrust into Gallic territory. Colonies could be used to dominate a hostile area: Venusia (291) split up the Hirpini and Lucani after the third Samnite war. Colonial institutions and language helped the process of romanisation. Above all, colonies formed an important reserve of manpower, since land grants to the poor who were not liable for military service (*proletarii*) transformed them into *assidui* who were so liable.

# THE PUNIC WARS



**NUMIDIA** Regional name

**Emporia** Area name

**AUSETANI** Tribal name

5 Mountain

Pass

Mining area

Carthaginian city or ally outside North Africa: in Sardinia and Sicily (main map), before outbreak of First Punic War; in Spain, before outbreak of Second Punic War

Member of Roman confederacy gained by Hannibal

Roman or Latin colony outside Peninsular Italy, with foundation date

Roman ally or base outside Italy

Other place

Battle - Roman defeat, with date

Battle - Roman victory, with date

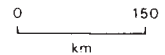
Date of a major Roman gain or capture

Date of a major Carthaginian gain or capture

Hannibal's route to Italy, 218-216 B.C.

Hasdrubal's route to Italy, 208-207 B.C.

Approximate line of 'Phoenician Trenches'



6

A

B

C

D





---

## The Punic Wars

---

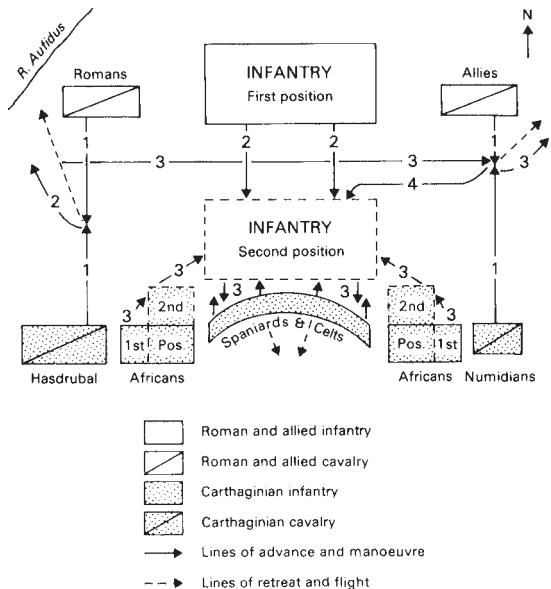
Rome's struggle with Carthage for supremacy in the western Mediterranean was fought out in the three Punic wars of 264–41, 218–01, and 149–6. At the outbreak of the first Rome was the chief city of Italy, while Carthage, as a wealthy maritime power, dominated western Mediterranean trade in metals and other commodities, and had dependencies and trading posts in Africa, Spain, Corsica, Sardinia and western Sicily. The initial encounter occurred in Sicily, when Rome agreed to help the Mamertini of Messina against the Carthaginians. However her aims soon expanded to include the expulsion of the Carthaginians from the entire island. This required her to become a naval power, building ships and drawing heavily upon her own and her allies' manpower. Despite the failure of Regulus' expedition to Africa (256–5), and serious losses at sea, Rome did persist with this policy. From the Carthaginian viewpoint there was no value in continuing the struggle for Sicily indefinitely; after a defeat off the Aegates Islands in 241 Carthage therefore made peace, agreeing to evacuate Sicily and pay an indemnity. In 238 Rome next took advantage of internal difficulties at Carthage to force the cession of Sardinia too; subjugation of native populations there and in Corsica occupied much of the following decade.

The Carthaginians meanwhile concentrated on extending their empire in Spain, until they dominated the south and east coastal area from the R. Baetis to the R. Iberus (Ebro), and had some control over the tribes of the hinterland. An excuse for Rome to intervene came in 218 when Saguntum, a city friendly to her, was captured by Hannibal. He then marched swiftly upon Italy, hoping that a rapid series of successes would win over Rome's allies. He inflicted several severe defeats upon the Romans, culminating in that at Cannae in 216. Although much of southern Italy then joined Hannibal, he was nonetheless unable to undermine Rome's power base in central Italy, or to make effective use of his Gallic allies in the north.

Rome meanwhile avoided major confrontations—the so called 'Fabian' strategy, named after the general Fabius Cunctator. Moreover Roman determination to remain engaged in Spain constantly required Carthage to divert resources there, so that Hannibal never received the reinforcements which might have enabled him to force a decisive battle and break the deadlock. An alliance between Carthage and Macedon in 215 had no more than a slight diversionary effect. The turning point of the war only came in 211 with the Romans' recapture of Capua and Syracuse. It gradually became clear that despite the setbacks which Rome had suffered, Hannibal could not hold his gains in Italy in the long term. Hasdrubal's attempt to reinforce him from Spain resulted in a defeat at the R. Metaurus in 207. In 203 Hannibal finally left Italy. In the same year Scipio Africanus, who had overcome the Carthaginians in Spain between 210 and 206, began operations in Africa itself. In 202 he defeated Hannibal at Zama. Peace terms included Carthaginian evacuation of Spain, payment of a large indemnity, and rewards for Rome's African ally, Massinissa of Numidia.

Over the next 50 years Carthage continued to prosper, though her scope for territorial expansion was severely restricted. In Africa she had secure possession only of the land within the 'Phoenician Trenches', whose exact position is uncertain. Not only was the territory beyond disputed with Massinissa; Rome also tacitly encouraged him to encroach on important Carthaginian possessions such as the Emporia district. In 149, seizing the chance offered by Carthaginian hostilities against Massinissa and the voluntary surrender of Utica, Rome declared war. All the fighting took place at Carthage and in its hinterland. Punic resistance was stiff: only in 146, when the siege had been made effective by the building of walls and ditches, and by a mole blocking the harbour mouth, did the city fall to Scipio Aemilianus. It was then totally destroyed.

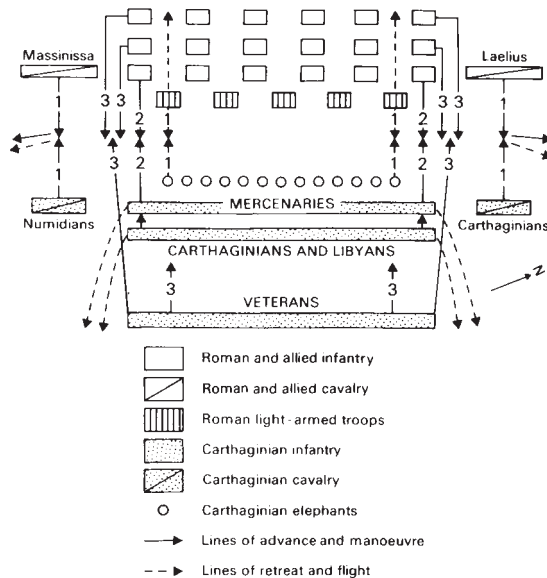
## CANNAE, 216 B.C.



Numbers indicate the four main stages of the battle; a preliminary engagement of the light-armed advance troops of each side is not shown

C.E. Schultze

## ZAMA, 202 B.C.



Numbers indicate the three main stages of the battle, in the final stage, the Roman cavalry returned to attack the Carthaginians in the rear

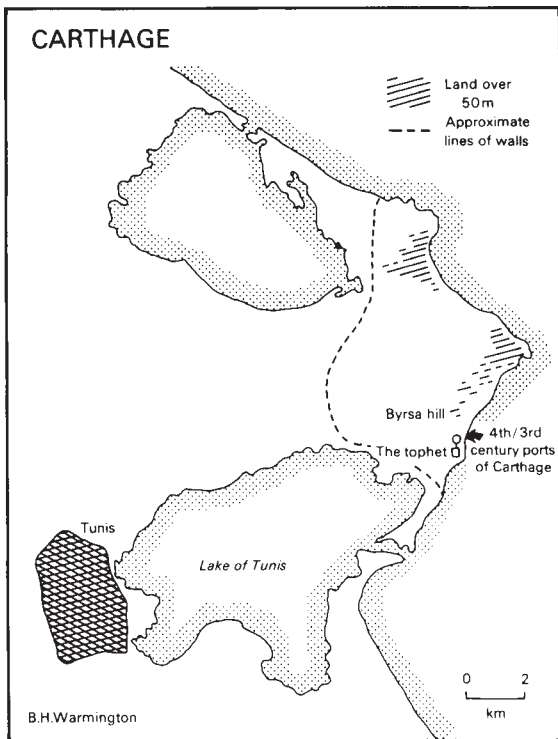
C.E. Schultze

## Cannae, 216 BC

The battle of Cannae was fought on 2 August 216. The terrain, on the right bank of the R. Afuldis, is fairly smooth and slopes down towards the sea. Roman and allied forces were 6,000 cavalry, 55,000 infantry, and 15,000 light armed troops; the corresponding numbers on Hannibal's side were approximately 10,000, 30,000 and 10,000. After preliminary skirmishing by light armed troops, the cavalry forces met (stage 1). Hasdrubal on the Punic left wing routed the Roman cavalry facing him (2), and then crossed behind the Roman infantry to help against the allied cavalry (3). The Roman infantry was advancing (2) to attack Hannibal's centre, deployed in a thin line thrust forward in crescent formation (3). Meanwhile Hannibal's Africans, stationed to the left and right, executed a turn which brought them up facing the Roman flanks: they then attacked from either side as the Spaniards and Celts fell back (3). The Romans could not redeploy, and their defeat was completed when Hasdrubal's cavalry returned and fell upon them from the rear (4).

## Zama, 202 BC

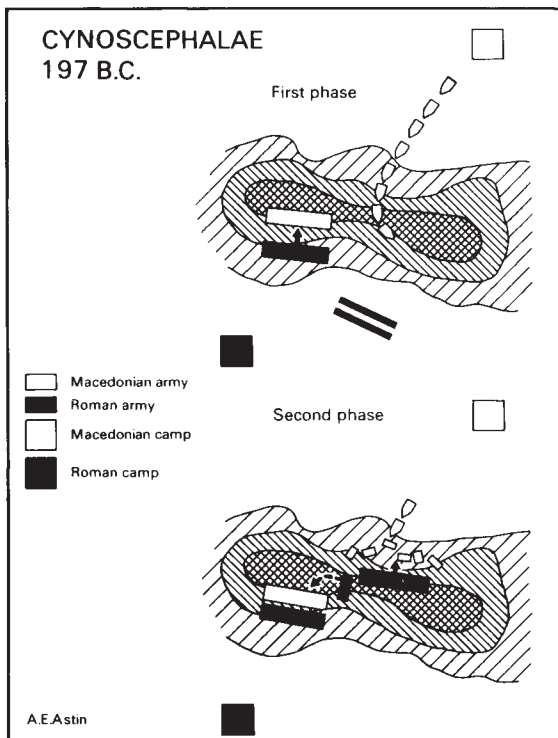
The battle of Zama was fought in autumn 202; the exact site is unknown. The Romans under Scipio Africanus had 23,000 infantry and 6,000 cavalry, while Hannibal had some 36,000 infantry and 4,000 cavalry. In the first stage Scipio placed his light armed troops to face the charge of Carthaginian elephants (1). Retreat routes were left for the troops by arranging the maniples of the three lines of Roman infantry in rows rather than in the usual chessboard formation. Meanwhile, when the cavalry on each wing engaged (1), the Carthaginians were pursued off the field. Then the front line of Roman infantry successfully attacked Hannibal's first two lines (2), who retreated to the flanks with heavy losses. While the Roman front line closed up, Scipio brought in his second and third lines, who engaged Hannibal's third-line veterans, hitherto kept in reserve (3). Finally the Roman cavalry returned from pursuit, and from the rear massacrered the Carthaginians. Roman losses were slight.



## Carthage

Carthage, just north of modern Tunis, was founded by Phoenicians—in 814 BC according to tradition. It emerged as the largest Phoenician settlement in the west during struggles with the Greeks of Sicily. From the fifth century it controlled an empire dominating the coasts of north Africa, Spain, Sardinia and western Sicily. Its wealth came from metals and agricultural trade.

As the plan indicates, little is known of the layout of Phoenician Carthage, which was destroyed by Rome in 146 BC and then built over a century later. The original settlement has usually been located in the area of the *tophet*, or sacrificial burial ground, and the nearby hill identified with the ancient citadel known as Byrsa. Recent excavations, however, reveal that the visible Phoenician ports date from the fourth century BC at the earliest, and that the whole area including the Byrsa hill may represent a relatively late extension of an early area of settlement which has yet to be exactly located.

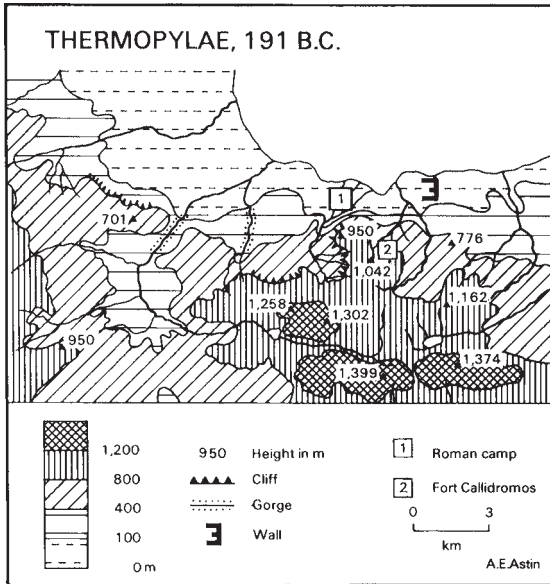


## Cynoscephalae, 197 BC

Cynoscephalae was in southern Thessaly, near Scotussa; the exact site is unknown. The Macedonian and Roman armies, commanded respectively by Philip V and T. Flamininus, were marching west from Pherae but were concealed from each other by hills. In wet and misty conditions Philip encamped his army and sent a covering screen to occupy a rugged ridge between him and the Romans. Flamininus, encamped south of it but uncertain of Philip's whereabouts, sent out cavalry and light armed troops to reconnoitre. A clash ensued; each side summoned reinforcements. Encouraged by news of successes, Philip now decided to deploy his main army on the ridge; meanwhile a covering action by Aetolian cavalry gave Flamininus time to draw up his army below. He at first attacked with his left flank, but it had little success against the Macedonian right. Observing that the Macedonian left had been delayed and was only beginning to move into position, Flamininus next attacked with

his right, which gained the heights and routed the opposing left before it could be deployed. Part of the Roman army then wheeled round against the flank and rear of the Macedonian right, whose

close-order phalanx formation was too inflexible to enable it to meet the double attack. Philip was crushingly defeated.



### Thermopylae, 191 BC

To minimise the disparity between his force of little more than 10,000 and the Roman army of about 22,000, Antiochus III occupied the pass of Thermopylae. He held the so-called East Gate, where he built a substantial wall. The Romans under M'. Acilius Glabrio encamped near the hot springs. When they assaulted Antiochus' position, they were forced to narrow their front and to attack up a slope; they also suffered from missiles directed from higher ground to their right. Meanwhile, however, two Roman detachments had been sent against three forts which guarded mountain paths around the pass itself. One detachment made little progress, while the other, under M.Porcius Cato, for a time lost its way. Yet eventually Cato's 2,000 men routed the Aetolian garrison of Fort Callidromos, and then moved down behind Antiochus' line. The alarm caused by their sudden appearance soon led to a rout.

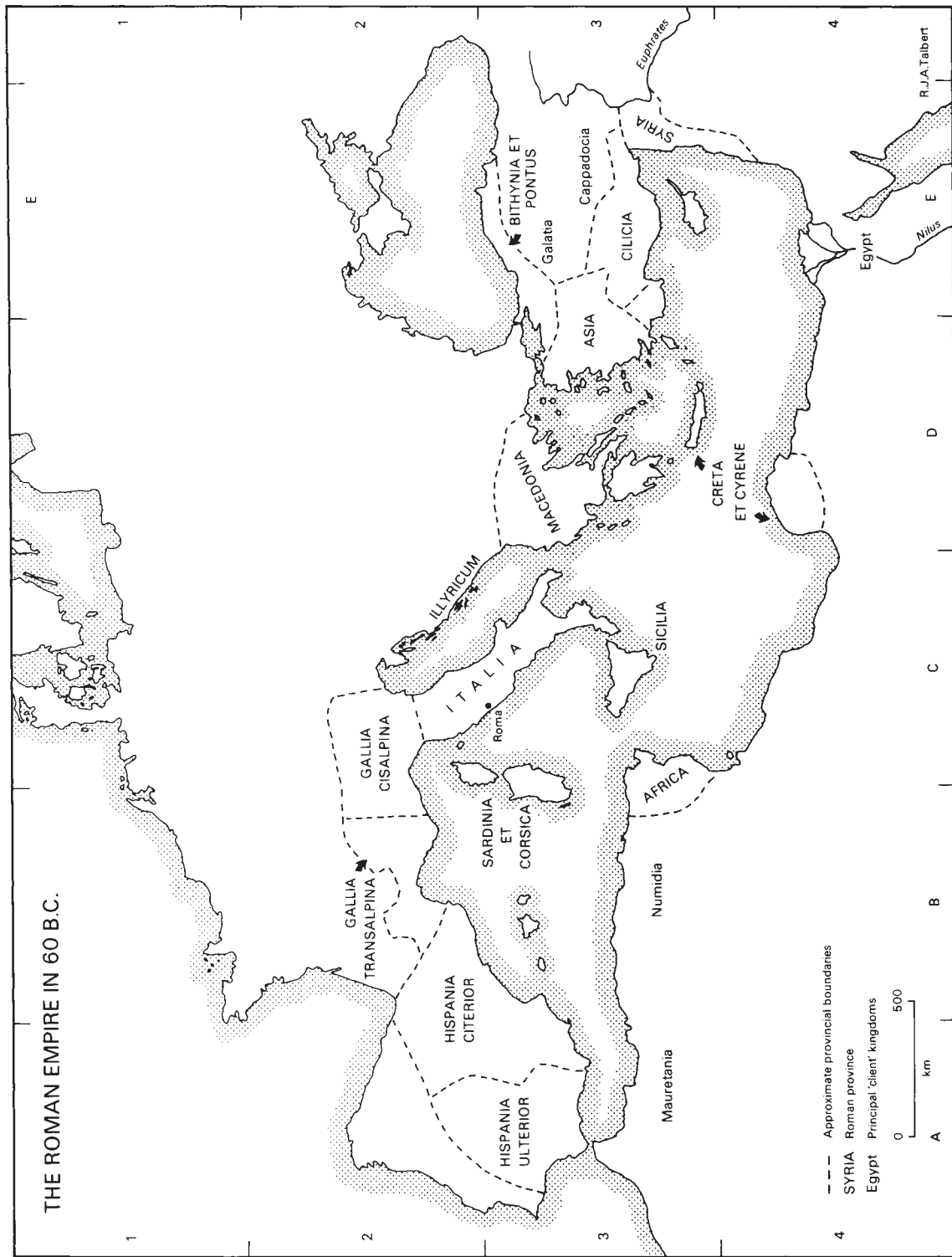
### The Roman Empire in 60 BC

Rome's acquisition of an empire was a slow, haphazard process, and her involvement in its administration always remained limited. Communities continued to manage their local affairs. Not until the 220s were Rome's first gains—Sicily and Sardinia/Corsica—organised, and arrangements made for each to become the regular, annual *provincia* (or 'sphere of action') of a praetor. Two more such praetorships were created for 'Further' and 'Nearer' Spain in 198/7. But none was added for Macedonia (whose governor also had the oversight of Achaea or southern Greece), or Africa, both annexed in 146, or for Asia, organised in the 120s, or Gallia Transalpina, to which a governor was being sent regularly by 100. It was therefore necessary for

promagistrates to fill these posts, and indeed from the late second century this became the normal practice for all provincial governorships. *Provincia* now comes to have the specific connotation of an administered territory overseas. A governor was sent regularly to Gallia Cisalpina from around Sulla's time. Cyrene and Crete, annexed respectively in 74 and 67, were governed as a single province. In the 60s Pompey's eastern conquests added vast areas—Bithynia/Pontus, Cilicia and Syria.

To the end of the Republic, Rome's hold over most provinces was patchy, and their frontiers generally ill-defined. In the case of Illyricum Rome even laid claim to the coastal strip, yet seldom sent a governor. In many regions definition of frontiers had little significance when

# THE ROMAN EMPIRE IN 60 B.C.





these adjoined the territories of 'client kings', local rulers recognised by Rome and willing to serve her in return for the benefits of freedom and protection. The

most important such friendly states during the late Republic (in Africa and Asia Minor) are marked.

---

### Roman Campaigns of 49–30 BC

---

After he had crossed the R. Rubicon into Italy in January 49 it took Julius Caesar five years of intermittent campaigning to achieve control of the Roman world. He gained Italy itself in two months, since a Pompeian stand at Corfinium proved short lived. However Pompey, with further forces, escaped to Greece via Brundisium. Because Caesar lacked a fleet, he delayed pursuit, and instead turned west to Spain where he brilliantly dislodged superior Pompeian forces from an entrenched position at Ilerda, and then marched south to accept the surrender of Corduba. Massilia, too, yielded after a five months' blockade, and a threatened mutiny of four legions at Placentia was swiftly averted.

In 48 Caesar crossed to Epirus. After a blockade of Pompey's army at Dyrrhachium had failed, he made for Thessaly, where he routed the superior enemy forces at Pharsalus (see p. 105). Pompey fled to Egypt, only to be assassinated on arrival there. Caesar followed, but roused such hostility by his plan to gain control of Egypt, that he found himself besieged in the palace quarters of Alexandria during winter 48/7, and was only able to recover the situation in spring 47, when Ptolemy XIII was defeated and Cleopatra (now Caesar's mistress) was made effective ruler. Soon afterwards he dashed to crush the imminent threat to Asia Minor posed by Pharnaces of Bosphorus, which he accomplished in a lightning five days' campaign at Zela.

After some months in Italy Caesar returned to campaigning in late 47, since Pompeian forces in Africa, supported by King Juba of Numidia, had grown alarmingly in strength. Caesar risked a winter campaign to crush them, and after early difficulties at Ruspina did so successfully within four months. The final battle, at Thapsus, turned into a massacre. Pompey's sons, however, regrouped their forces in southern Spain, where Caesar faced them in March 45. The battle at Munda was his hardest won victory, but its outcome proved decisive. Pompeian casualties were heavy, and of the leaders only Sextus Pompeius survived. The

campaigns against Dacia and Parthia planned by Caesar for 44 were forestalled by his assassination.

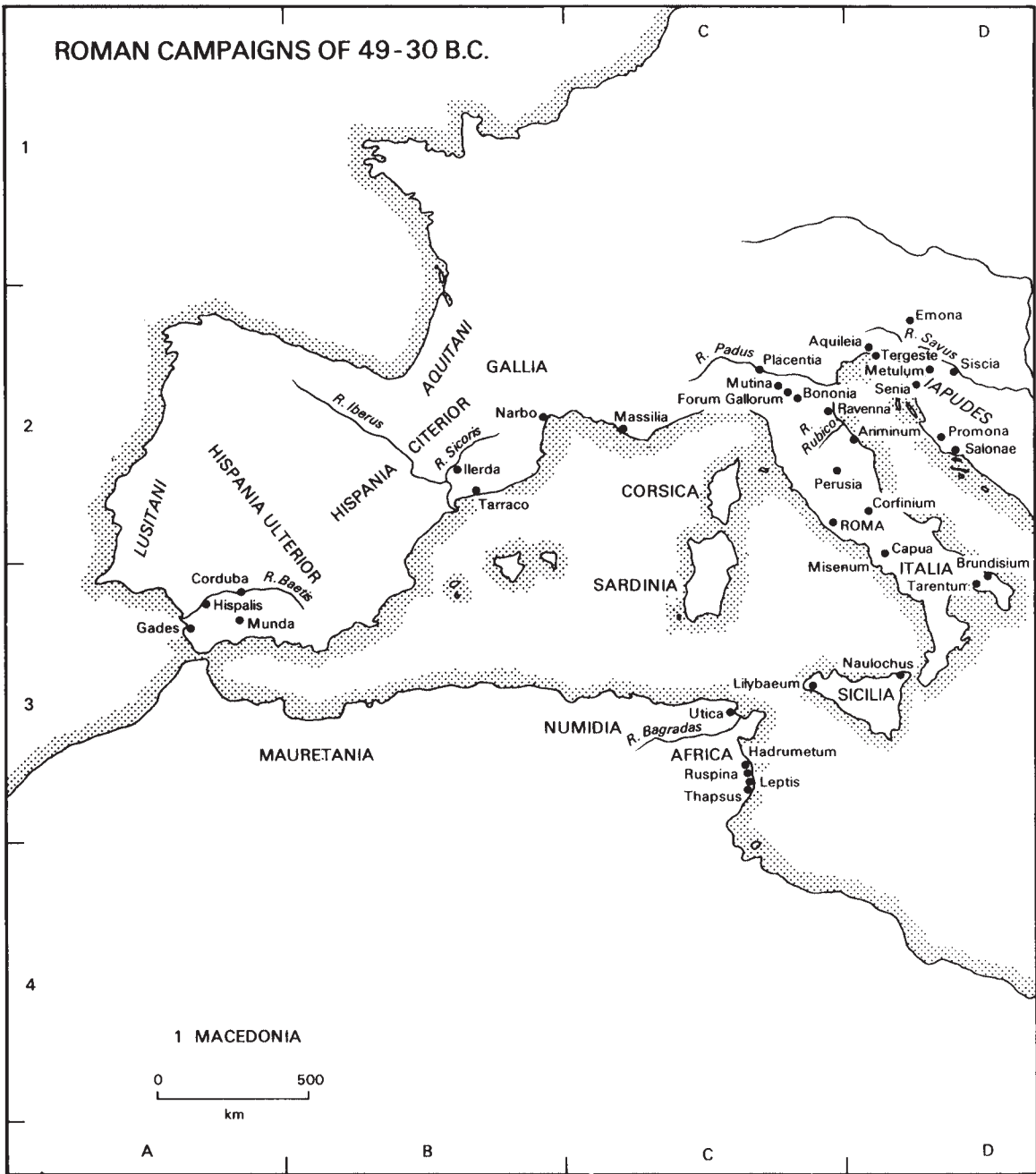
After the dictator's death civil war resumed, this time between his supporters and his assassins. In 43 heavy fighting occurred in Cisalpine Gaul, where the governor, Decimus Brutus, was first besieged in Mutina by Antony; the latter was then defeated by the forces of the consuls and Octavian at both Forum Gallorum and Bononia. However, Antony, Octavian and Lepidus came together to form the Second Triumvirate. Meanwhile the assassins M. Brutus and Cassius consolidated their hold on the east, but were faced and beaten by Antony and Octavian in two successive battles at Philippi in October 42. Thereafter Octavian in the west had to besiege Perusia in the course of unrest during the winter of 41/40. Elimination of S. Pompeius—a formidable opponent—was his next pressing difficulty. Only when his fleet had been strengthened by Agrippa, did he eventually defeat Pompeius at Naulochus in 36. His campaigns in Illyricum between 35 and 33 were intended to safeguard north east Italy.

In the east Antony, who joined himself to Cleopatra, was faced by two crises. An Illyrian tribe, the Parthini, was invading Macedonia, while further east the Parthians were overrunning Syria and threatening Asia Minor. By the end of 39 Antony's lieutenants had beaten back all these incursions. But his own retaliatory campaign through Armenia into Parthia in 36 was a disaster. He failed to capture Phraaspa, capital of Media Atropatene, and could not shake off Parthian harassment. An invasion confined to Armenia in 34 was more successful; Roman control there lasted two years.

Deteriorating relations between Octavian and Antony led to war in 31. Antony advanced to Greece, where he was defeated in land and sea operations at Actium. Having fled back to Egypt, he was pursued there by Octavian the following year. He and Cleopatra committed suicide, leaving Octavian master of the Roman world.



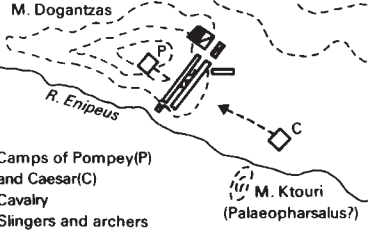
# ROMAN CAMPAIGNS OF 49-30 B.C.





Pharsalus, 48 B.C.

0 5  
km



- Camps of Pompey(P) and Caesar(C)
- ▨ Cavalry
- Slingers and archers

M. Ktouri  
(Palaeopharsalus?)

E F

E F G

2

3

4

R.J.A. Talbert

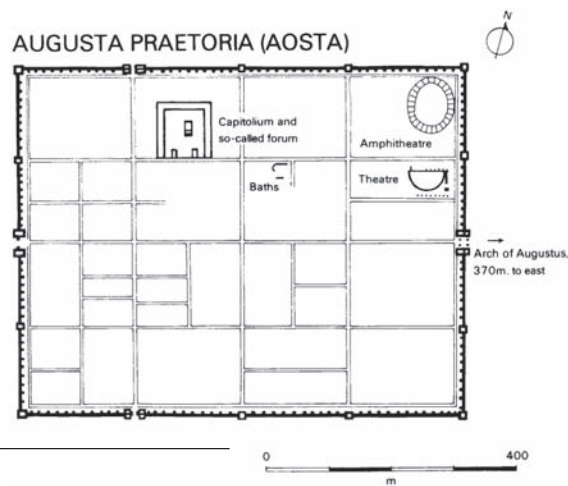
---

## Pharsalus, 48 BC

---

The site of the battle is disputed. For all its detail our main account, that of Caesar (*Civil War* 3.82–99), remains topographically vague enough for it to be unclear how close to the town the armies met, or on which side of the R.Enipeus. This plan assumes a site north of the river, 12 km or so north west of the town. Its main aim, however, is to show the general development of the battle, which is not greatly in doubt. Over several days Pompey's army, secure on high ground, was repeatedly challenged to battle by Caesar, who each time moved closer. As it happened, only at the point when Caesar had decided to abandon his attempt and move off, did Pompey unexpectedly respond. With his right flank protected by the river, he intended that on the left his

superior cavalry, followed by slingers and archers, should attack Caesar's lines in the flank and rear, while his infantry (which also out-numbered those of Caesar) would resolutely stand their ground when the enemy advanced. Caesar's reactions were to ensure that when his front two lines (only) charged, they did not over-tax themselves; and to place eight cohorts obliquely behind his cavalry and right flank. These not only surprised and broke the charge of Pompey's cavalry, slingers and archers, but also then outflanked the enemy, who were put under intolerable pressure as Caesar now threw his third line into the battle. Pompey's army was scattered.



---

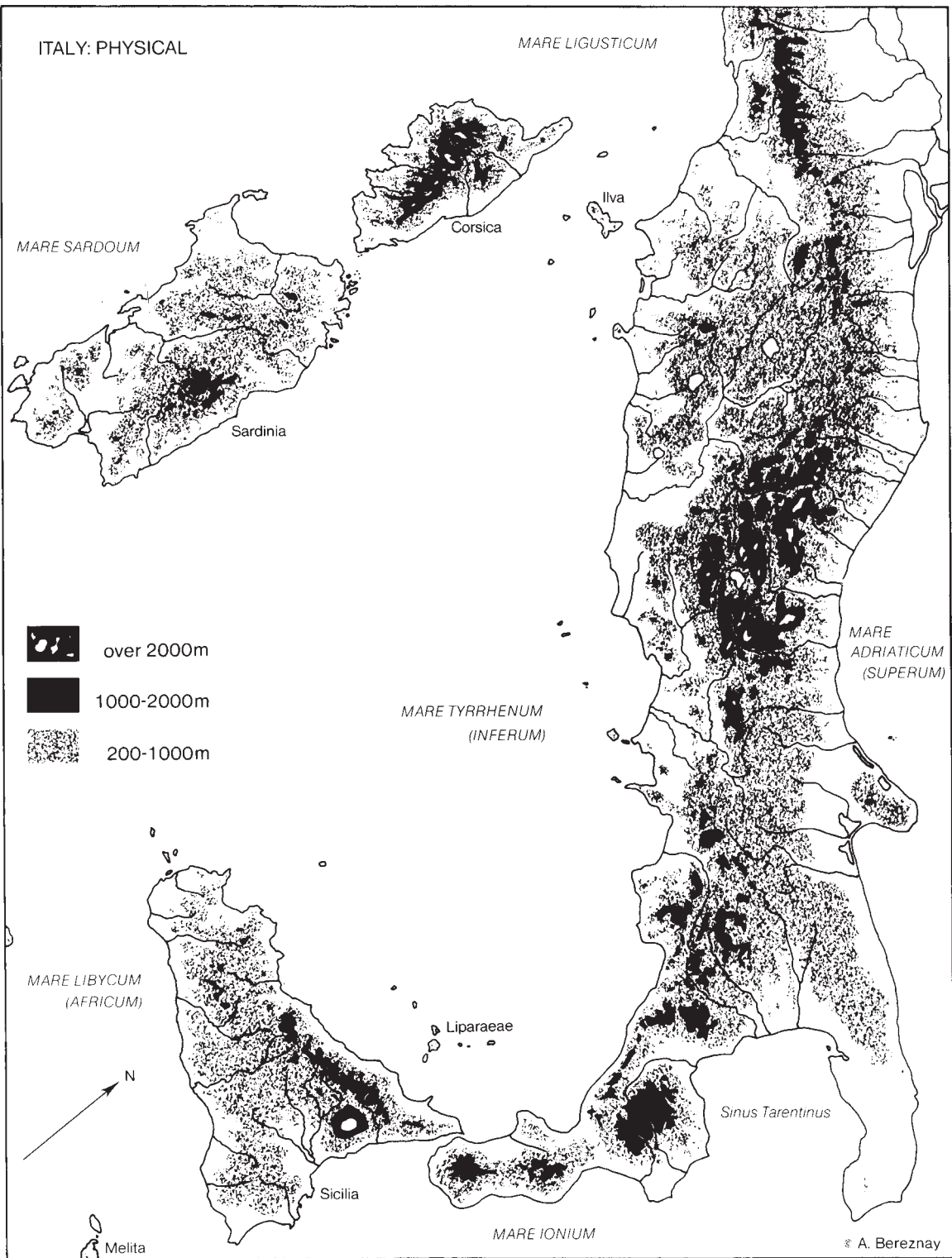
## Augusta Praetoria

---

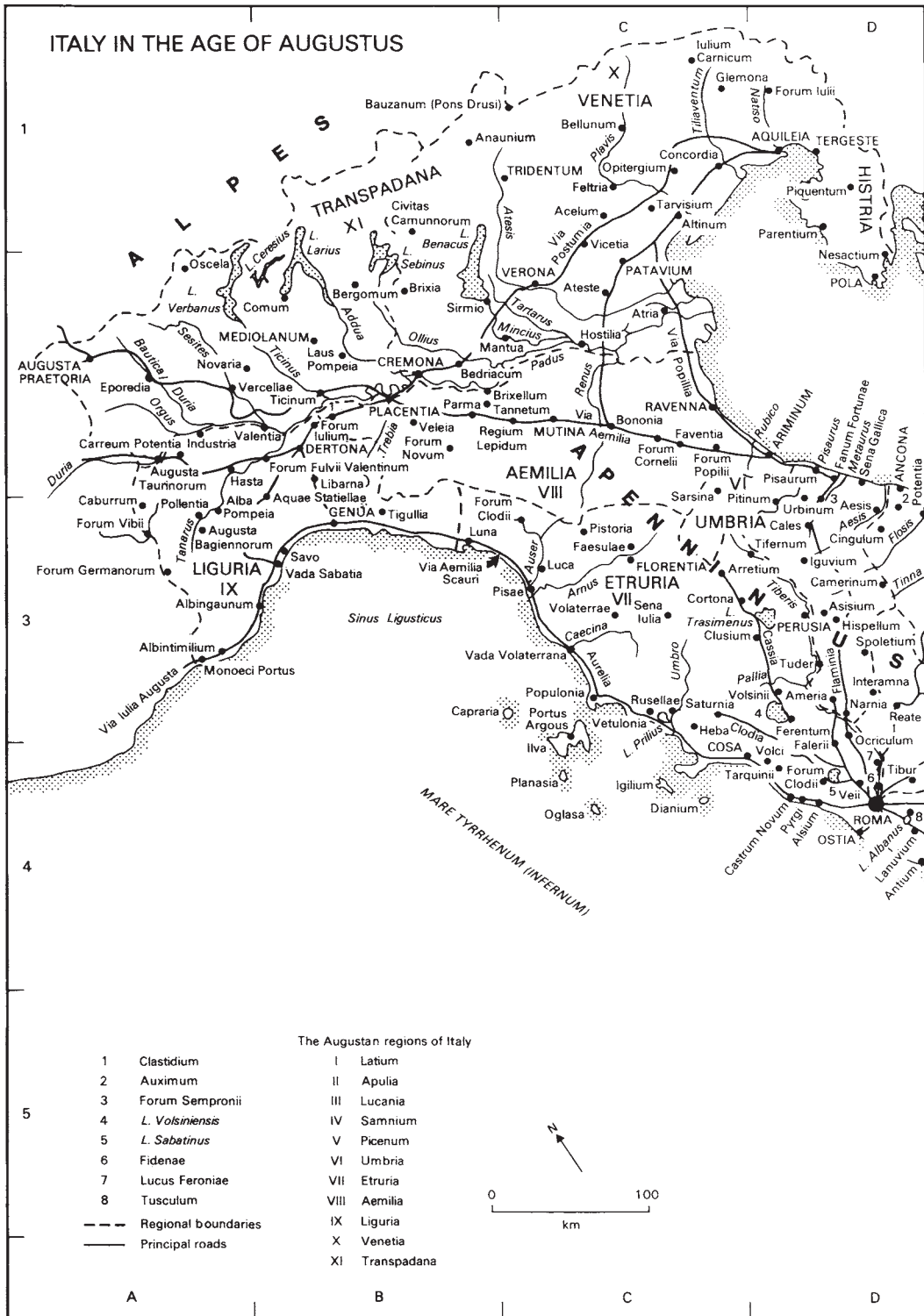
Augusta Praetoria was founded in 25 BC as a military *colonia* designed to guard the Alpine passes of Great and Little St Bernard to the north and west respectively. The town was thus strongly protected. Its walls stood over 10 metres high and were heavily buttressed along the inner face, a highly unusual feature. In addition there were 20 square towers and four gates. These defences—still preserved in large part—enclosed a military-style rectangle, 724×572 metres, which was divided into 16 main building blocks and many other subdivisions. Much of this street plan is fossilised in the present-day layout. What is likely to have been the Capitolium has been iden-

tified in the northern part of the town, as have a covered theatre, or *odeon*, and an amphitheatre notable for its location inside the walls. Despite the traditional identification, the forum is most likely to have lain at the centre of the town. There are traces of public baths; however, few details of private housing have yet been uncovered. Some distance to the east of the town a bridge over the R.Buthier and the arch of Augustus are both still well preserved. Originally settled by 3,000 Praetorians, Augusta was never very large; but its continued strategic role is clearly highlighted by an unbroken sequence of occupation from antiquity to the present day.

ITALY: PHYSICAL



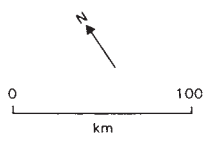
# ITALY IN THE AGE OF AUGUSTUS



The Augustan regions of Italy

- |                          |                |
|--------------------------|----------------|
| 1 Clastidium             | I Latium       |
| 2 Auximum                | II Apulia      |
| 3 Forum Sempronii        | III Lucania    |
| 4 <i>L. Volsiniensis</i> | IV Samnium     |
| 5 <i>L. Sabatinus</i>    | V Picenum      |
| 6 Fidenae                | VI Umbria      |
| 7 Lucus Feroniae         | VII Etruria    |
| 8 Tusculum               | VIII Aemilia   |
|                          | IX Liguria     |
|                          | X Venetia      |
|                          | XI Transpadana |

--- Regional boundaries  
 — Principal roads



A B C D

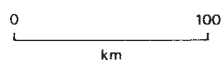




# ARCHAEOLOGICAL SITES OF ITALY

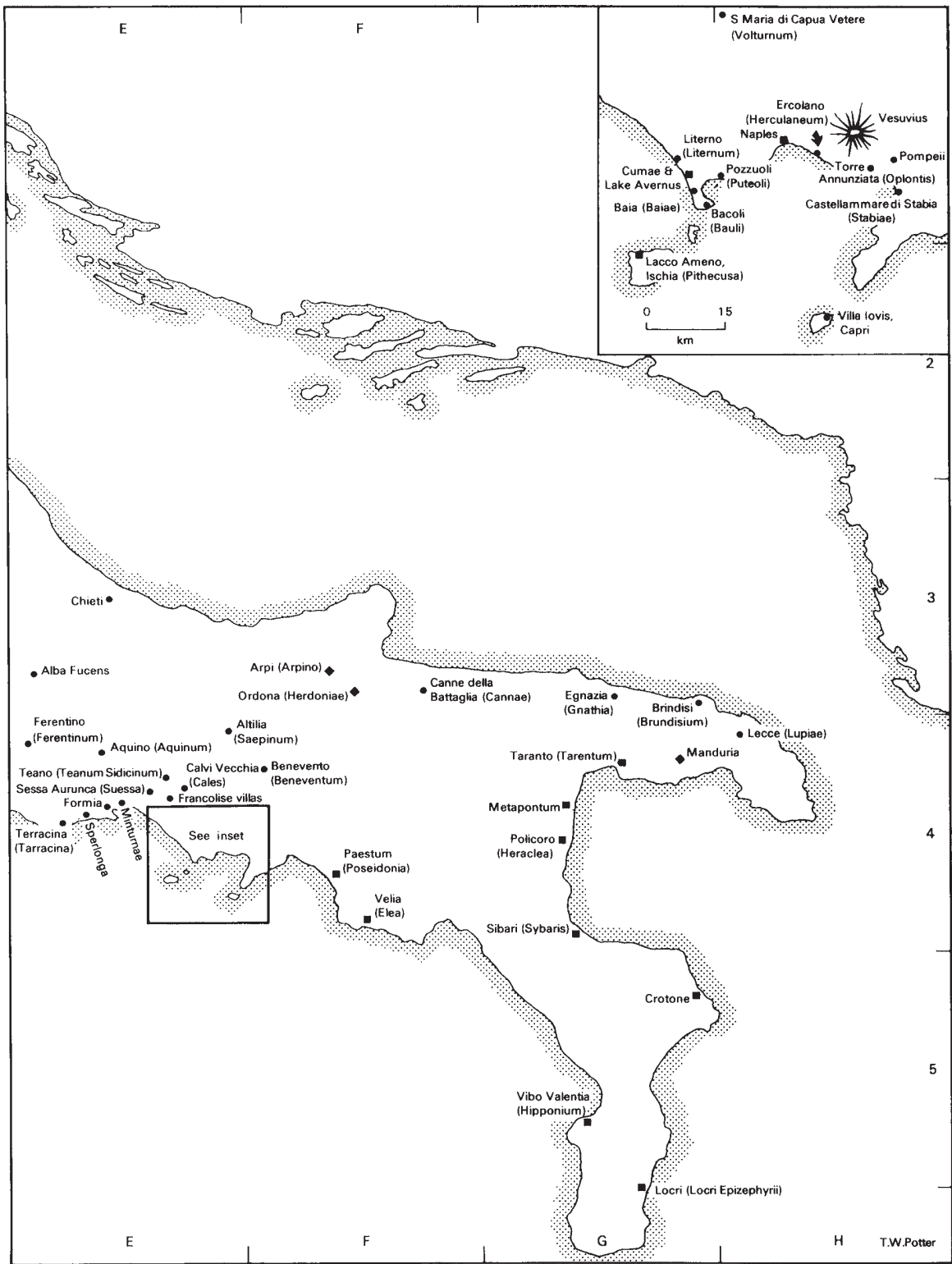


- Main importance
- ▲ Etruscan
  - Greek
  - ◆ Italic
  - Roman



A B C D

1  
2  
3  
4  
5



---

## Archaeological Sites of Italy

---

Italy is conspicuously rich in archaeological sites of almost every period. Moreover, many are quite astonishingly well preserved, in particular the immensely durable concrete structures of the later Republican and imperial periods. Even so, a great many more sites (notably villas and farms) remain to be discovered. This at least is clear from current programmes of systematic field survey, which aim to map all surface traces of sites, so as to record entire landscapes of antiquity. The technique has been particularly successful to the north of Rome, where over 1,000 sq km have been studied in this way.

Of course thousands of sites have also been examined through excavation, even if there is no site that can be said to have been completely uncovered. The map lists a selection of the more important, particularly (although not exclusively) those where there are still visible remains. Most are town sites with long histories, in many cases extending back well into the first millennium BC. Equally, a significant number remains in occupation down to the present day, underlining the care with which their locations were originally chosen. However, it is useful to draw attention to the most important period in a site's history, and for this reason four main groups have been distinguished.

The first includes the Etruscan cities and their cemeteries, most of which came into being early in the first millennium BC. Until very recently archaeological work has tended to concentrate upon the religious sanctuaries (e.g. Pyrgi, Gravisca) and the cemeteries—vivid indices of the wealth and widespread contacts of the Etruscans. Yet the unplanned growth of all but a few cities is nonetheless manifest from work at Veii, Rusellae and elsewhere. The second group comprises the Greek colonies of southern Italy, the oldest of which was at Pithecusa on the island of Ischia, founded c. 775 BC. Experiments in town planning are evident at many early sites such as Metapontum and Paestum: these were to provide Rome with a model to adapt when founding new settlements. Many of the sites conserve outstanding remains, although often, as at Sybaris or Paestum, there is a heavy overlay of Roman buildings. Thirdly, there are town sites of the Italic tribes, such

as the Daunian city of Arpino (Arpi), or the Messapian centre of Manduria. Many of the more important of these settlements were to take on a significant role in the Roman urban network.

Finally, there are the Roman sites themselves. These fall into three main subdivisions. First, towns which developed out of older settlements, such as Pompeii and Herculaneum. Second, new foundations, many of which were colonies, like Cosa, Luni, or Aosta; Augustus records founding 28 colonies in Italy. Third, sites of the countryside, among them farms, sanctuaries and villas. The latter vary widely. They range from great mansions such as Tiberius' Villa Iovis on the island of Capri to elaborate, but nevertheless functional, complexes such as the Sette Finestre villa near Cosa. Most were in fact the centres of farming estates, and varied in size and magnificence according to the wealth of the owner. Increasingly, like the towns, they are being scientifically excavated, so that our knowledge of the layout, function and history of many sites should be transformed in the years ahead.

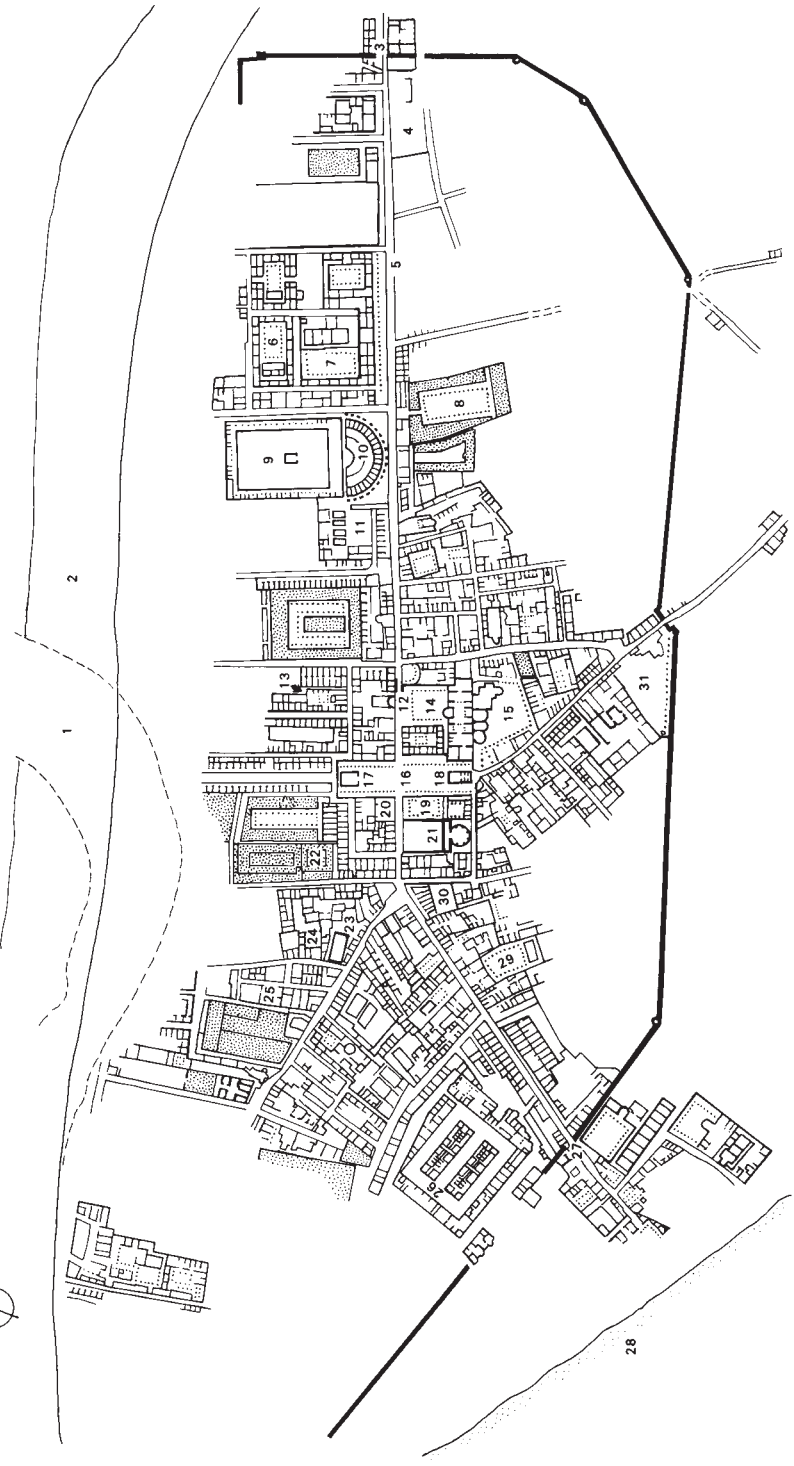
---

### Ostia

---

The harbour town of Ostia occupied low-lying ground 25 km south west of Rome, close to the mouth of the R. Tiber. Its irregular plan displays a long history of growth and rebuilding. Ostia was originally a military *castrum*, just over two hectares in extent, located in the central part of the later town. The *decumanus maximus* ran through the *castrum*, the east gate of which can still be seen. Probably because of a greatly increased level of trade, the town was much expanded early in the first century BC to a size of some 63 hectares, and the existing walls were constructed. Certainly Ostia grew to be most prosperous, as its wealth of public monuments shows. There was a very long forum with temples at either end, while the magnificent Piazzale delle Corporazioni housed 61 offices—mostly with appropriate advertising in the mosaic floors—of various local and overseas traders. As the map shows, huge warehouses for the

# OSTIA



- |   |                                      |    |                             |    |  |    |                                       |
|---|--------------------------------------|----|-----------------------------|----|--|----|---------------------------------------|
| 1 | Modern course of River Tiber         | 10 | Theatre                     | 19 | Basilica                                   | 28 | Ancient shoreline                     |
| 2 | Ancient course of River Tiber        | 11 | Four Republican temples     | 20 | Curia (senate house)                       | 29 | Schola of Trajan                      |
| 3 | Porta Romana                         | 12 | Gate of original castrum    | 21 | Round temple                               | 30 | Macellum                              |
| 4 | Piazzale della Vittoria              | 13 | Casa di Diana               | 22 | Horrea Epagathiana                         | 31 | Campo della Magna Mater, with temples |
| 5 | Decumanus Maximus                    | 14 | Foro della Statua Eroica    | 23 | Temple of Hercules                         |    | Horrea (warehouses)                   |
| 6 | Barracks of the Vigiles (firemen)    | 15 | Forum baths                 | 24 | Domus di Amore e Psiche (Cupid and Psyche) |    |                                       |
| 7 | Baths of Neptune                     | 16 | Fonum                       | 25 | Baths of Mithras                           |    |                                       |
| 8 | Horrea of Horatius                   | 17 | Capitolium                  | 26 | Casa e Giardino (Garden houses)            |    |                                       |
| 9 | Piazzale delle Corporazioni (guilds) | 18 | Temple of Rome and Augustus | 27 | Porta Marina                               |    |                                       |

T. W. Potter

storage of grain, wine, oil and other goods became commonplace, and no less than 18 sets of baths have been identified—compared with three at Pompeii. The building work entailed considerable replanning of some quarters of the town, epitomised, for example, by the orderly layout of the streets to the north east. Ostia is perhaps best known for its *insulae*, or great apartment blocks, which probably rose to a total height of 60 Roman feet. The development of such housing—which must have been typical of Rome and no doubt of many other Italian towns—is only represented on a small scale at Pompeii and Herculaneum, since both were fossilised by the volcanic eruption of AD 79; this trend in domestic housing only be-

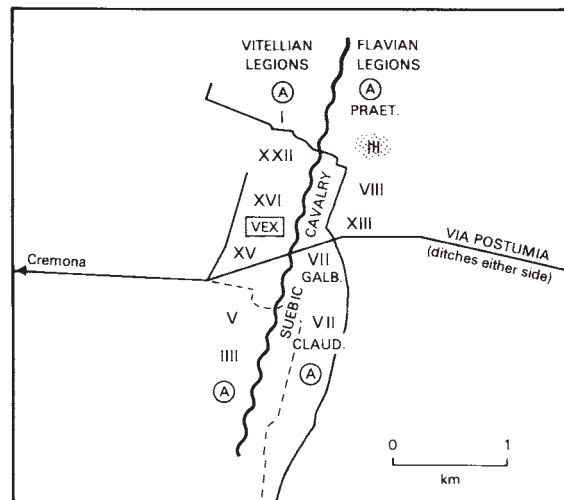
came well established later. Some more elaborate houses are known at Ostia, but they are very much the exception.

In AD 42 work was begun on the construction of a huge new harbour, four km to the north west. Silting created grave problems, however, and under Trajan a second, hexagonal harbour was built. This new commercial centre soon became the focus of warehouses, domestic buildings and even a so-called imperial palace. Eventually to be known as Portus, the port area gradually increased in importance, eclipsing the old city's commercial role. This was recognised in an edict of 314, when Ostia was stripped of its municipal rights and began slowly to be abandoned.

## Second Battle of Cremona, AD 69

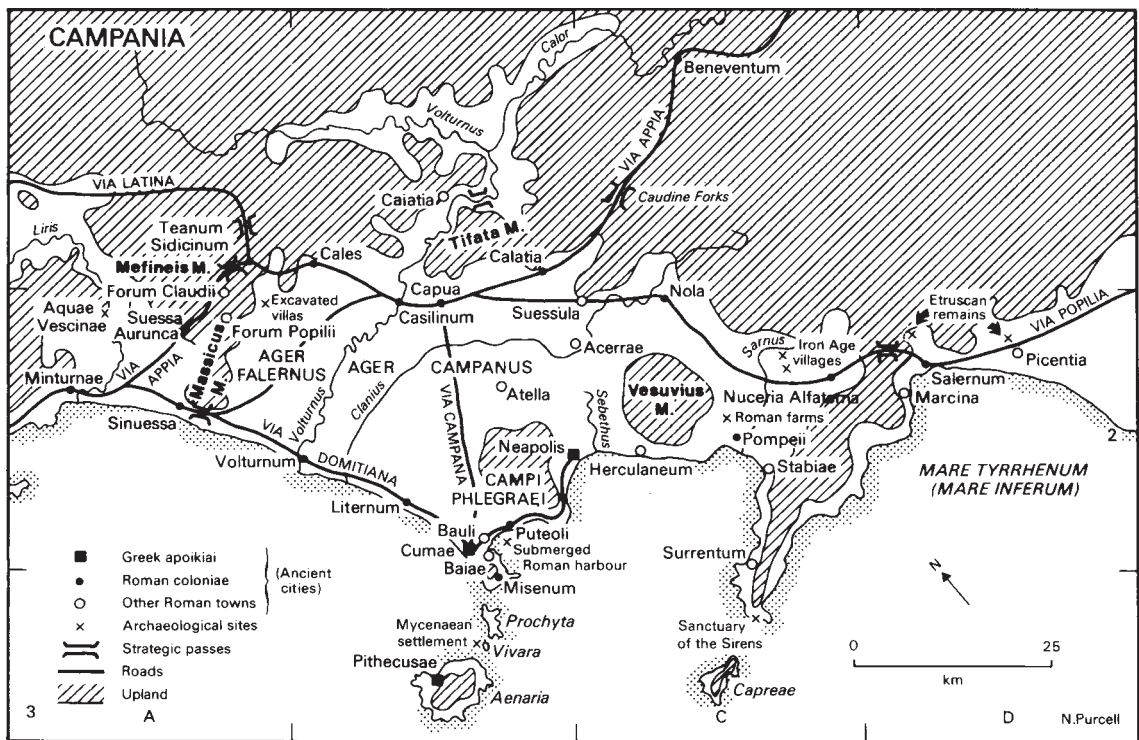
This crucial battle between the partisans of Vitellius and Vespasian in the Year of the Four Emperors was fought on the flat, rich plain about eight km east of Cremona during the night of 24/5 October 69. The account of Tacitus (*Histories* 3.15–25), together with the preservation of Roman centuriation, makes it possible to identify the site with some accuracy. The battle was a heroic feat of endurance for both sides. Though the Flavian troops had already been stretched—the cavalry by clashes with squadrons from the Vitellian garrison in Cremona, the infantry by a long march—there was a demand by late afternoon for an immediate assault, which the commander, Antonius Primus, only prevented with great difficulty. He did prepare for battle, however, on receiving news that the garrison had just been substantially swelled to 35,000 legionaries (against his own 25,000) by a force which had dashed 100 miles in five days, yet was equally eager to do battle at once. Antonius chose his ground astride the Via Postumia, and the Vitellians, led by F.Fabullus, rashly risked a night encounter. Throughout, the fighting was bitter, confused, indecisive. But once the moon rose (by 10 p.m.), the Flavians gained some advantage from its light, and by dawn a rumour, albeit groundless, that they were being reinforced gave the final impetus for a successful thrust towards Cremona.

## SECOND BATTLE OF CREMONA, A.D. 69



- |        |                                       |      |  |
|--------|---------------------------------------|------|--|
| —      | Roads                                 | (A)  | Auxiliary units. Cavalry, too, were deployed to protect the flanks and rear of both sides  |
| - - -  | Steep drainage ditch                  |      |  |
| •••••  | Plantation of trees                   |      |  |
| ~ ~ ~  | Approximate line of clash             |      |  |
| PRAET. | Contingent of ex-Praetorian guardsmen | VEX. | Vexillations, or detachments, from Legions II, IX, XX. Others from Legions Rapax and Italica were also interspersed along the Vitellian line |

R.J.A. Talbert



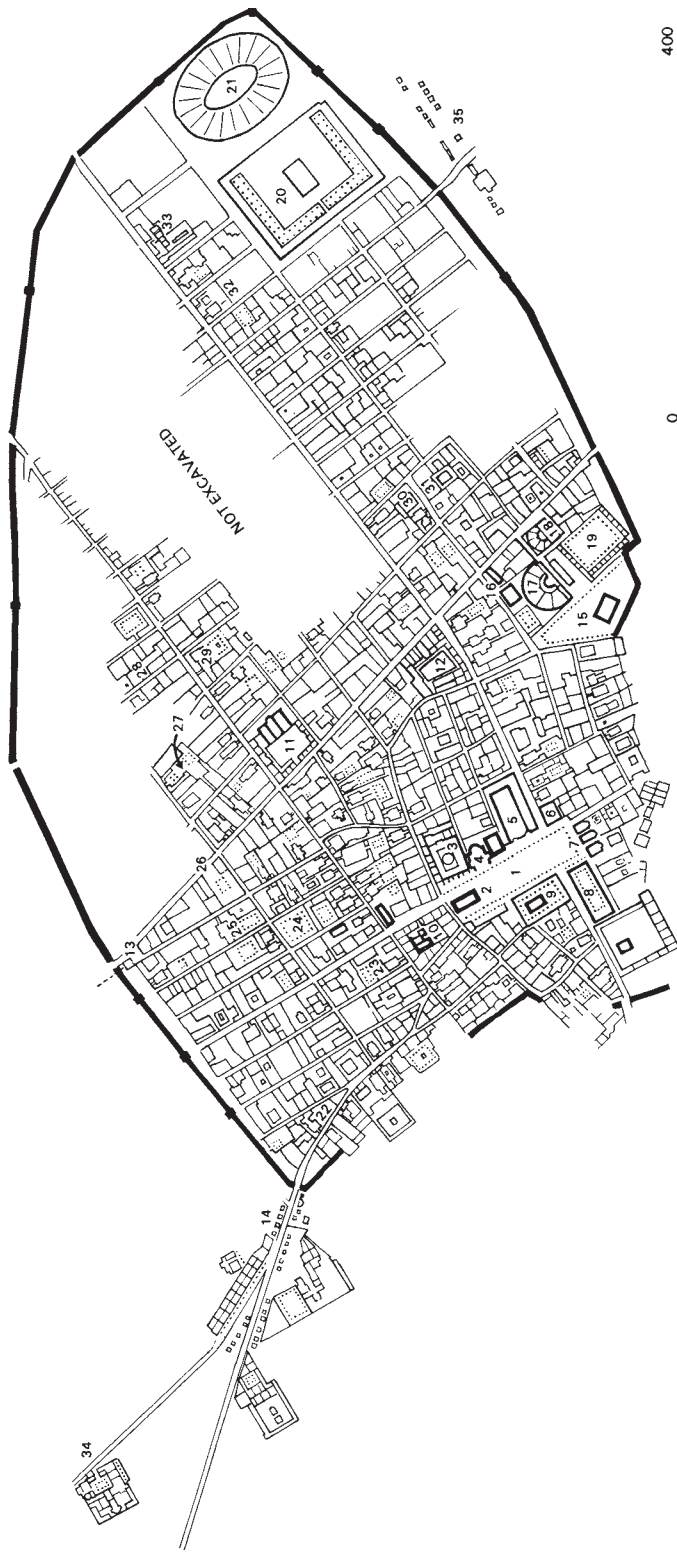
## Campania

The distinctive physical geography of Campania is immediately apparent from the map. The high limestone ridges of the Appennines and their outliers surround a series of low-lying plains. While easily accessible from one another, these are broken up by Mount Vesuvius and the volcanic hills of the Campi Phlegraei ('Burning Fields'), as well as by extensive areas of intractable marshland along the rivers. For the rest, the land is extremely fertile: thus it was not only the most highly prized, but also some of the most intensively exploited arable terrain of ancient Italy. Capua (near modern Caserta) was one of the most important settlements of the region throughout antiquity; its central position is plain. Other towns which controlled access to the region also grew dramatically: Teanum and Nuceria at mountain passes; Sinuessa, Cumae, Puteoli and Pompeii as harbour towns. Although the relations between coast and interior were always close, the separation of the harbours from the plains by hill or marsh assisted

a certain cultural divergence. Despite the predominance of Etruscan and local cultures inland, the Greek colonies of the coast kept their distinctive character; even widespread penetration by Oscan speakers at the end of the fifth century did not end this situation. Most notably Puteoli and Neapolis, assisted by the tenacious links of the Campanian ports with the eastern Mediterranean, retained many Hellenic characteristics to the end of the Roman empire. This Hellenism, added to the advantages of wealth, populousness and great natural beauty, attracted the wealthy of Rome to such an extent that the Bay of Naples, and Baiae in particular, became a notorious playground of the elite. Eventually, as tectonic activity drowned the pleasure palaces and the harbour works, and as the draining of the Sebethus and Clanius marshes improved communications with the interior, Neapolis succeeded Puteoli as the chief city of the area. Modern Naples enjoys the same primacy today.



# POMPEII



- |   |                                   |    |  |        |   |   |  |
|---|-----------------------------------|----|--|--------|---|---|--|
| 1 | Forum                             | 10 | Forum baths                                  | 19     | Gladiatorial barracks                     | 27                                      | Casa delle Nozze d'Argento (Silver Wedding)    |
| 2 | Temple of Jupiter (Capitolium)    | 11 | Central baths                                | 20     | Great Palaestra                           | 28                                      | Casa di Lucrezio Frontone (Lucretius Frontone) |
| 3 | Market                            | 12 | Stabian baths                                | 21     | Amphitheatre                              | 29                                      | Casa del Centenario (Centenary)                |
| 4 | Temples                           | 13 | Castellum Aqueae (conduit head) and aqueduct | Houses | 30  | Casa del Cryptoportico (Cryptoporticus) |  |
| 5 | Building of Eumachia (cloth hall) | 14 | Via delle tombe (street of the tombs)        | 22     | Casa del Chirurgo (surgeon)               | 31                                      | Casa del Menandro (Menander)                   |
| 6 | Comitium                          | 15 | Triangular Forum and Doric Temple            | 23     | Casa del Poeta Tragico (Tragic Poet)      | 32                                      | Casa di Loreius Tiburtinus                     |
| 7 | Municipal offices                 | 16 | Temples                                      | 24     | Casa del Fauno (Faun)                     | 33                                      | Villa di Giulia Felice (Julia Felix)           |
| 8 | Basilica                          | 17 | Large theatre                                | 25     | Casa dei Vetti                            | 34                                      | Villa dei Misteni (Mysteries)                  |
| 9 | Temple of Apollo                  | 18 | Small theatre (odeon)                        | 26     | Casa degli Amormni Dorati (Golden Cupids) | 35                                      | Tombs  |

T.W.POTTER

---

## Pompeii

---

Pompeii was the leading city and port of the southern part of the bay of Naples, measuring some 1,200×720 metres within its walls. Roughly two-thirds of the site has been liberated from the thick mantle of volcanic deposits which enveloped it in August AD 79. Like any city, Pompeii contains buildings of many different centuries. The oldest is a Greek Doric temple of the sixth century BC, part of an early nucleus underlying the forum area; but most structures belong to the second century BC and later.

There are three main areas of public buildings. First, the unusually long forum—with a Corinthian temple, the Capitolium, at one end. Around were more temples, a cloth hall, the judicial basilica, a market, and three other halls (municipal offices?). Then to the east lay the triangular forum with its Doric temple; nearby were the Greek theatre and a small covered theatre, as well as a temple of Isis. Finally, at the town's eastern edge, were the amphitheatre of c. 80 BC and the Great Palaestra, a large enclosure surrounding a swimming pool. There were three sets of public baths, of which the central one was unfinished in 79. All were supplied by an aqueduct, from which water passed through lead pipes. The aqueduct also fed private baths and the innumerable fountains, whose overflow was used to wash down the streets and sewers. Houses varied considerably in scale, from one-room shops with a room above, to palatial, elaborately decorated residences. The layout of most of the latter is that described by the architect Vitruvius, with a roofed *atrium* containing a central opening to collect rain-water in a cistern below; and a peristyle, a garden court, surrounded by a colonnade.

Pompeii was a busy city which became prosperous through trade and agriculture, though it also developed industries like the production of lava millstones, cloth and fish sauce. By 79, with a population of some 20,000, it was expanding considerably, particularly westwards, where sections of the old town walls became obliterated.

---

## Herculaneum

---

Partly because Herculaneum is buried beneath no less than 15 metres of volcanic mud, only a relatively small part of the city has been excavated. Nonetheless it would seem to have been quite modest in size, perhaps measuring 320×370 metres. The population may have numbered about 5,000. The preservation of organic materials like wood is excellent, and many of the buildings have yielded an extraordinary quantity of detailed information. The *decumani* (east-west streets) and the *cardines* (north-south streets) divide the city into blocks or *insulae*. To the north was a particularly wide *decumanus*, closed off to vehicular traffic, which may have served as the forum. The basilica is thought to lie on the north side of the *decumanus maximus*, while to the east was a palaestra with a large pool at the centre of the peristyle court. A theatre is also known from the old excavations in the north west area, and there were public baths nearby.

Herculaneum is at least as old as the sixth century, but the visible remains of the houses belong mainly to the latter centuries of the Republic. Many are laid out around an *atrium*, in the Italic style, but there is considerable variation in plan. Some have porticoes in front, while a great many possessed a second or even a third storey. Attached to the houses were shops selling wine, grain, metal-work, glassware and other commodities; one even conserves its painted sign. To the south, at the extremity of the early city, were some much grander houses, with peristyles, gardens and other rooms, giving a panoramic view over the sea. They belong mainly to the Augustan period and later. Beyond was an extensive complex of baths and various religious buildings. These splendid structures, with their fine statues and paintings, underline the affluence and high rank of many families who owned property in Herculaneum.

# HERCULANEUM



- 1 Basilica
- 2 Decumanus maximus (forum)
- 3 Meeting place of the priests of the cult of Augustus
- 4 Hall
- 5 Palaestra
- 6 Baths
- 7 Suburban baths
- 8 Sacred area
- 9 Funerary altar to Nonius Balbus
- 10 Bakery (pistrinum)
- 11 Street with shops & workshops along the east side

## Main houses (case)

- 12 Casa del tramezzo in legno (wooden partition)
- 13 Casa del scheletro (skeleton)
- 14 Casa del albergo (hotel)
- 15 Casa del bicentenario (bicentenary)
- 16 Casa del mosaico di Nettuno e Anfitrite (mosaic of Neptune & Amphitrite)
- 17 Casa del mobilio carbonizzato (carbonised furniture)
- 18 Casa Sannitica (Sannite house)
- 19 Casa del atrio mosaico (mosaic atrium)
- 20 Casa dei Cervi (stags)
- 21 Casa del rilievo di Telefo (relief of Telephus)
- 22 Casa della gemma (gem)

# ITALIAN TOWNS WITH ALIMENTARY SCHEMES



There was a private alimentary scheme at places underlined, a state scheme at all others except Rome (included for orientation only). Uniquely there is evidence for both private and state schemes at Ostia. A question mark indicates that the existence of a scheme is not wholly certain. In addition it is known from two epigraphic references (ILS 1347, 1396) to a *procurator alimentorum per Transpadum Histriam Liburniam* that Regio IX (north-west Italy) did benefit from the state scheme, though no evidence relating to individual communities has survived.

---

## Italian Towns with Alimentary Schemes

---

Alimentary schemes (*alimenta*) for the support of children are known from the mid-first century AD onwards. Private benefactors took the initiative in the first instance, but Nerva and Trajan came to sponsor a major state programme throughout Italy, best documented in substantial records from Veleia and Ligures Baebiani. The state offered capital, though in all other respects its schemes were locally based in each participating community, and designed to operate with the minimum of future adjustment. The larger local landowners accepted from the state perpetual loans amounting to approximately 8 per cent of the value of their property; the interest paid at the low rate of 5 per cent furnished the modest monthly support grants. The method by which the children to benefit from the schemes were chosen is unknown. They are certainly unlikely to have been orphans, yet the assumption that they would always be from the poorest families is unwarranted. While the state programme was definitely not initiated in order to provide smaller landowners with working capital (as has been claimed), its real aims remain obscure: arguably these were a mixture of philanthropy and concern for a supposed population decline which might affect legionary recruitment. State *alimenta* were perhaps extended a little by later second-century emperors and continued in existence into the third century. At best their usefulness was only ever limited.

Evidence for *alimenta* is almost exclusively epigraphic. While the spread of the 50 or so communities from which relevant indications have emerged (references to a local *quaestor alimentorum* and the like) may reflect little beyond the random survival of this material, there must still be a suspicion that the state scheme was hardly extended to the remoter or poorer areas of the peninsula. Evidence for private schemes is slight, although the arrangements for one set up by Pliny at Comum are described in his *Letters* (7.18).

*Key to P. 121: Temples* 1. Divus Traianus. 2. Mars Ultor. 3. Venus Genetrix. 4. Minerva. 5. Vediovis. 6. Concordia. 7. Divus Vespasianus. 8. Saturnus. 9. Ianus? 10. Castores. 11. Divus Iulius. 12. Divus Antoninus. 13. Vesta. 14. Iturna. 15. Penates (the form indicated is post-Caracallan). 16. Iturna or Iuno Curritis. 17. Fortuna Huiusce Diei. 18. Feronia. 19. Lares Permarini. 20. Hercules Musarum. 21. Iuppiter Stator. 22. Iuno Regina. 23. Apollo Sosianus. 24. Bellona. 25. Iuppiter Tonans. 26. Fortuna Primigenia. 27. Iuppiter Victor. 28. Apollo Palatinus. 29. Ianus. 30. Spes. 31. Iuno Sospita. 32. Fortuna. 33. Mater Matuta. Other temples are indicated by the name of the deity worshipped there. *Other monuments* 34. Porticus Vipsania or Minucia? 35. Markets of Trajan. 36. Unidentified porticus. 37. Libraries and column of Trajan. 38. Tabularium. 39. Curia. 40. Regia. 41. Porticus Minucia? Templum Nympharum? 42. Ara Gentis Iuliae? 43. Unidentified porticus. 44. Market-building of Forum Holitorium. 45. Houses of Augustus and his family. 46. Palatine libraries. 47. Site of the later basilica of Maxentius.

---

## Rome in the Age of the Severi

---

The orientation of the map is based on that of the Marble Plan of the city which was set up in the early third century AD and survives in fragments. The Aurelian Walls of 271-5 are indicated faintly as a guide to the later topography. The map is intended to show not so much architectural detail, but rather the overall layout of the imperial city and its main topographical centres and regions, as well as the principal morphological zones, in so far as they can be reconstructed.

The shape of the city was still defined by the Republican wall-circuit, although this will have been ruinous and built over in places. Its gates were great topographical landmarks. The monumental centre is left *unshaded*. Its enormous extent is at once apparent. The monuments here may be seen in detail in 'The Centre of Rome in the Age of Caracalla' (area within dotted rectangle). In *heavy shading* is the area of the densest housing. Here

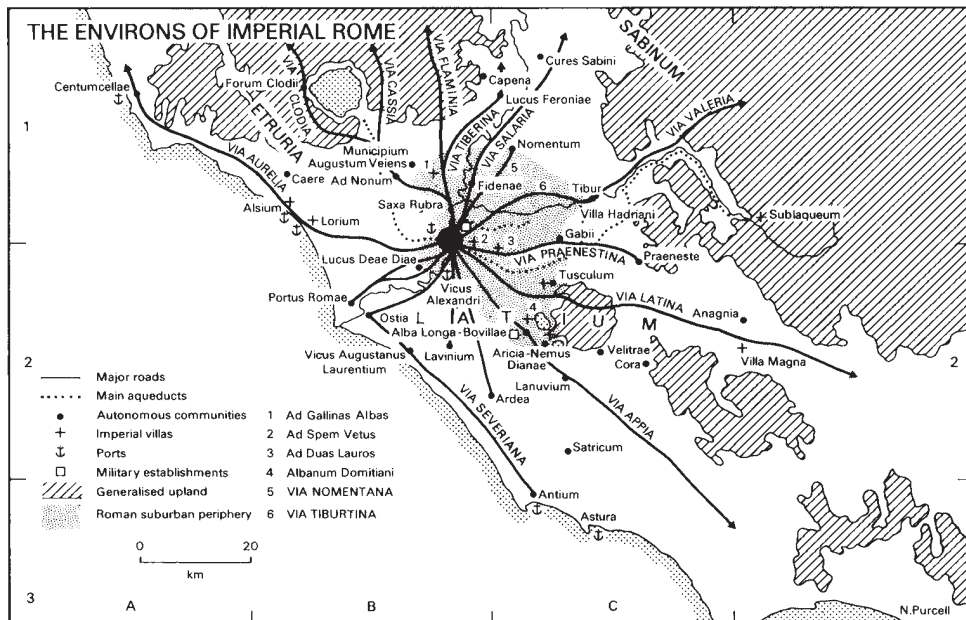




lived the great mass of Rome's population—several hundred thousand people—for the most part in tall tenement buildings (*insulae*). The *hatched* area is the urban periphery. It, too, was quite densely populated, and was considered by Romans to be part of the built-up area or *continentia aedificia*. Here the suburban mansions (*horti*) of the emperor and the very wealthy jostled with aqueducts, tombs, market gardens and some *insulae*. *Stippled* are the commercial zones beside the river. Certain prominent sacred buildings are indicated by a small circle. In addition a star indicates some important aspect of the city's layout:

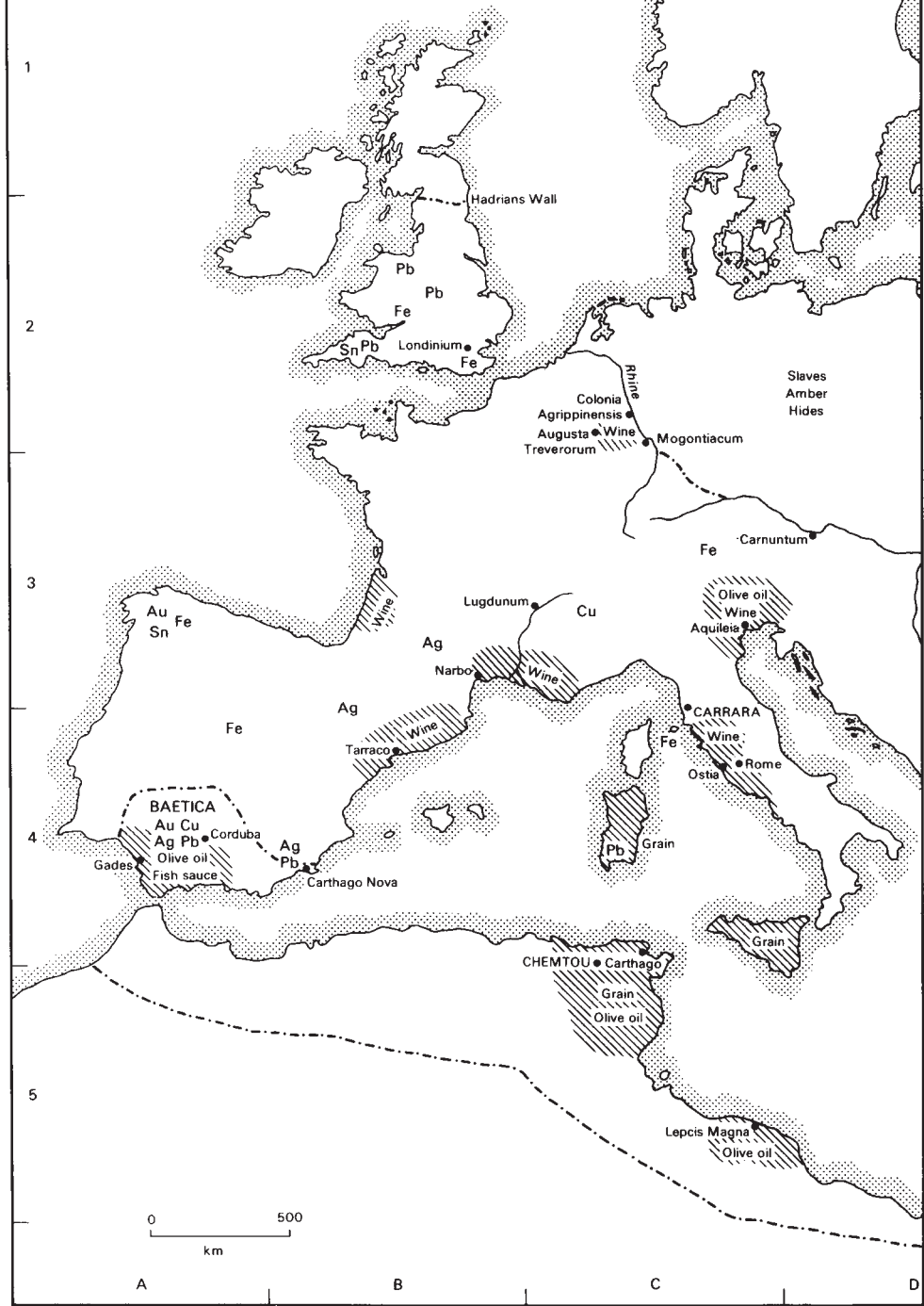
- A The Lateran. Luxury villas here were confiscated under Nero and destroyed to make room for the barracks of the imperial *equites singulares* or mounted bodyguard; subsequently the site of the cathedral of Rome under Constantine.
- B Campus Esquilinus, with grove of Libitina, goddess of funerals. Place for public executions and paupers' cemetery, partly improved (by Maecenas in particular) to form lavish suburban estates.
- C Camp (marked) and parade ground of the Praetorian Guard.
- D Area later occupied by the Baths of Diocletian.

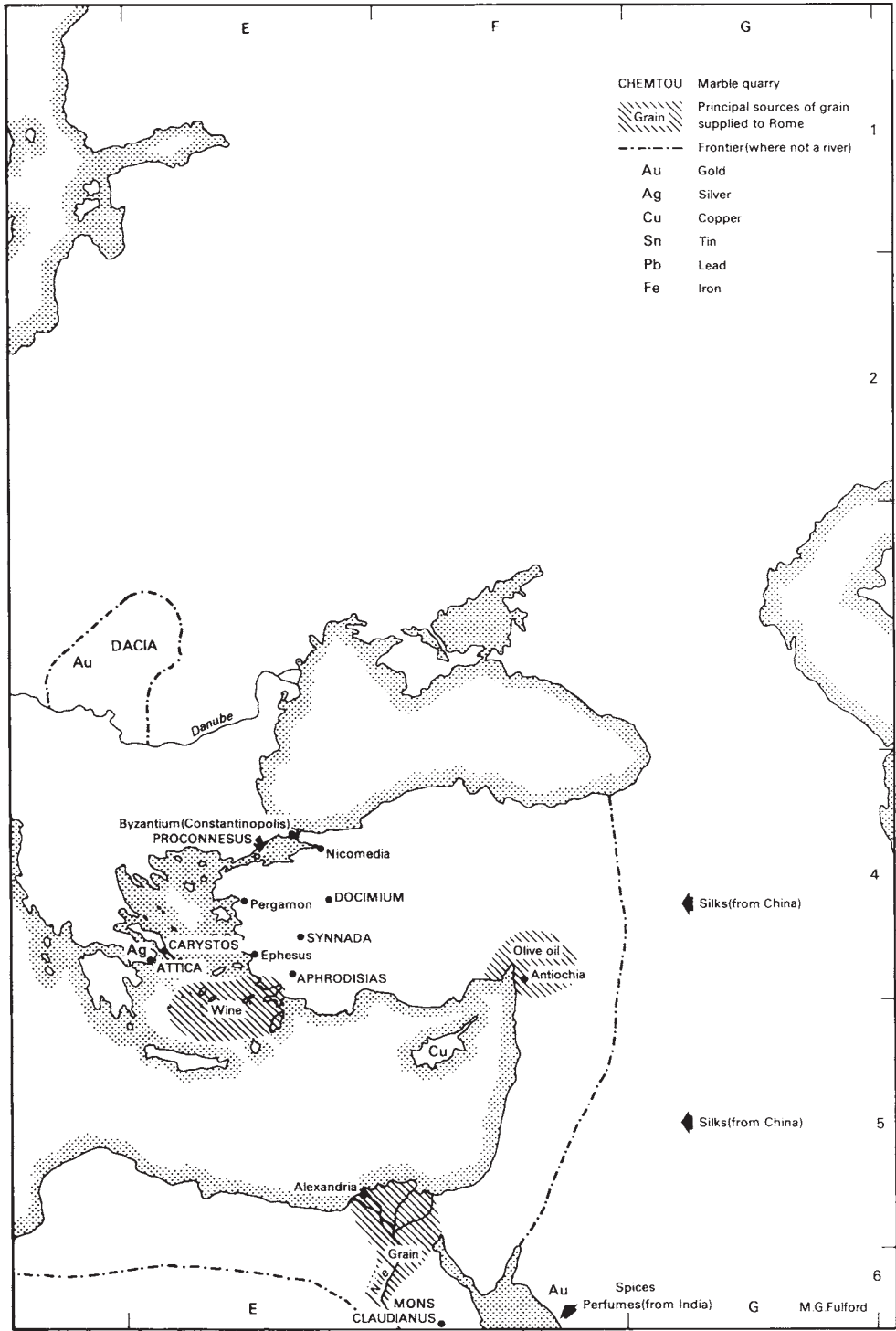
- E Horti Sallustiani, enormous suburban palace which soon became one of the most important imperial properties.
- F Horti Luculliani, most lavish of all the suburban villas, and also an imperial estate.
- G Tombs and villas on the Via Flaminia, including the tomb of Nero.
- H Mausoleum of Augustus (circle marked), Ara Pacis Augustae, giant sundial of Augustus and the park which linked them.
- I Funerary monuments of the Antonine emperors.
- J Ad Ciconias Nixas, the upstream river-harbour of the city, and the principal wine wharves.
- K Mausoleum of Hadrian (marked) and the wealthy suburb of the Ager Vaticanus. Race-track of Caligula and Nero, naval arena of Augustus, and paupers' cemetery with strong religious associations for Christians and followers of Phrygian cults.
- L Trigarium, practice horse-race track, with the stables of the circus factions nearby. This area was still suburban in the late Republic but was built up by the Severan period; it later became the centre of medieval Rome.
- M Main river harbour of Rome, which spread downstream from the Forum Boarium from the second century BC onwards.





# TRADE IN THE ROMAN WORLD





---

## Trade in the Roman World

---

In the Roman world trade was a complex affair. Trade for profit, carried out by entrepreneurs, was limited. Institutions such as the imperial government (and later the church) were responsible for the larger share of trade, and this was promoted for non-commercial reasons. So, too, was the movement of goods between estates of the same land-owners. Trade was lubricated by a uniform coinage, but it remained incidental to the latter's main function, which was to discharge government debts to the army and civil service. Not everyone had access to coinage, so that barter and exchange continued among some groups, as it did also between the Roman world and barbarian societies beyond.

Roman trade resembled that of the classical Greek world in so far as it was primarily concerned with the movement of raw materials and food-stuffs, rather than of manufactured goods. A completely self-sufficient community would have been rare indeed. Yet an important distinction lies in the extent of state involvement, as seen early in the supply of corn to Rome. During the Republic, imports from Sardinia and Sicily proved sufficient, but thereafter the city's growing population led to dependence on regular shipments from Africa and Egypt.

The extraction of minerals—gold, silver, copper, tin, lead—was an imperial monopoly. Imperial involvement in the quarrying and supply of marble for building is also clear. During the late Republic and early Empire, quarries in Africa, Asia Minor, Egypt and Greece, as well as in Italy itself, were important sources of fine marble for the city of Rome. By the second century the use of these exotic materials had spread to other Mediterranean cities. Thus at Lepcis Magna marble and granite from Attica, Carystos, Proconnesus and Egypt were employed in both public and private building. As with corn, the supply of these commodities was evidently left to private merchants (*negotiatores*) and shippers (*navicularii*), who were then able to use surplus carrying capacity to further their own interests. The direction of these activities lay in the hands of the state.

*Negotiatores* were also involved in supplying armies stationed on the frontiers of the empire from Augustus' time. Although frontier provinces themselves were probably forced to provide more than their fair share, much revenue from elsewhere, too, was clearly spent on soldiers, arms and defences. The distribution of artefacts and inscriptions along the river systems of Gaul indicates the volume of trade drawn out of the Mediterranean world to serve the frontiers. However, not all longdistance trade in this direction was determined by the army. Well before barbarian societies were incorporated within the empire, merchants had found in them a profitable market for wine and manufactured goods, exchanged for slaves and raw materials.

Long-distance trade thrived where transport costs were low. Diocletian's price edict of AD 301 shows how much cheaper it was to send goods by sea than by land. River transport, too, was relatively cheap, although costs rose the more that cargoes had to be handled. Predictably it was cities on the Mediterranean, or on major river routes, which prospered at the expense of land-locked towns.

More locally, Strabo and Pliny the Elder outline the character of provincial economies and their particular strengths—whether in minerals, or in food-stuffs such as wine, cereals, or olive oil. Literary sources also illustrate the social context in which commercial trade took place. Notably the aristocracy, while profiting by the sale of goods from its estates, distanced itself from direct involvement in commerce and manufacturing. Archaeology aids definition of the direction, scale and complexity of Roman trade both locally and empire-wide. Paradoxically the most abundant evidence is that from manufactured goods such as cheap pottery and trinkets: this can be used as a 'proxy' for the trade in perishables. Only in the case of pottery jars (*amphorae*) which carried wine, olive oil, fish sauce, dried fruit and the like, do we gain direct insight into the trade of foodstuffs. Italy emerges as the main supplier of wine in the later Republic, Baetica of olive oil in the early Empire (later overtaken by Africa). Evidence from shipwrecks is instructive: these re-



veal that cargoes were mainly devoted to the carriage of basic commodities, leaving little space for the less valuable manufactured goods. At times the extent of trade networks was great. Fragments of Italian amphorae and fine tableware, for example,

show how in Augustus' day communities as far apart as Britain and India—both beyond the frontiers of the empire—were enjoying the same wines as were drunk in Rome.

---

## The Roman Empire in AD 60

---

During the 120 years between 60 BC (see p. 102) and AD 60 Rome's empire was impressively extended and consolidated. Though it was Julius Caesar who conquered Gaul in the 50s BC and later enlarged Africa, the expansion was above all the achievement of Augustus. During his Principate Egypt was annexed (30 BC), while Spain, Gaul and the Alps were all pacified and organised (by 13 BC). Persistent efforts to subdue Germany and push Roman control as far as the R.Elbe (Albis) failed, however; the R.Rhine was therefore made the frontier in this area, and heavily garrisoned. Arguably Augustus' greatest contribution to the consolidation of the empire was to link its western and eastern sections by subduing all the territory up to the R.Danube along its whole course; this frontier, too, was strongly garrisoned. At Augustus' death in AD 14 much of the empire was indeed, as Tacitus says (*Ann.* 1.9), 'bordered by the ocean or by long rivers'. In the east the R. Euphrates formed part of the frontier, yet this was less secure and less sharply defined than in the west, with significant areas still left in the hands of friendly 'client kings' (though Galatia had been annexed in 25 BC), and with no substantial garrison. For a variety of reasons—political and financial, as well as military—Augustus had no wish to station many legions in the east, and feared no pressing danger from there. For all its size the neighbouring Parthian empire was normally weak and divided, while most of its monarchs respected Roman concern that kings of Armenia (the mountainous area with which both

empires shared a frontier) should swear allegiance to the emperor.

Although Tiberius did incorporate the former 'client kingdom' of Cappadocia within the empire in AD 17, in general he followed Augustus' advice against expansion. Claudius, by contrast, proved more ambitious. During the 40s he incorporated further 'client kingdoms'—in Mauretania, Thrace, Lycia and Judaea—while embarking upon the conquest of Britain. By 60 Roman forces there were facing a native rebellion. At the same time the eastern legions needed reinforcement to combat an unusually strong and aggressive Parthian monarch, Vologeses I, who was refusing to recognise even Rome's nominal claim to Armenia.

From 27 BC governors were appointed by two different methods. For certain provinces senatorial proconsuls chosen by lot continued to be sent out for one-year terms, as in the Republic. Such senators were all ex-praetors, except those sent to Africa and Asia, who were senior ex-consuls. By AD 14 only one legion remained under proconsular command (in Africa), and that, too, was removed in 39. In all other provinces the governor was the emperor's legate, appointed by him and holding office at his pleasure, though a term of around three years might be expected. Such imperial governors were drawn not only from among ex-consuls (for heavily garrisoned provinces especially) and ex-praetors, but also from among *equites* in the emperor's service (for Egypt and minor provinces).



# THE ROMAN EMPIRE IN A.D. 60









---

## Roman Britain

---

Intensive research and excavation have made Britain the best studied of all the provinces of the Roman empire. It was annexed in AD 43 on completion of the initial phase of invasion by A. Plautius; formally it ceased to be a province 367 years later, when the emperor Honorius withdrew the remaining garrisons. The map inevitably presents only a partial picture, and one that must amalgamate the developments of more than one century. There is no hint here, for example, that the majority of both major and minor civilian settlements in lowland Britain began as forts or fortresses during the conquest phase. The only military sites shown south east of the line joining the R. Severn (Sabrina) and the R. Trent (Trisantonata), are either ones of the first century which were not overlain by later towns; or—in the case of the coastal forts from the Wash to the Isle of Wight—they are those which belong to the less secure period from the late third century onwards, when pirate raids in the North Sea and the Straits of Dover were becoming an increasing menace to the peace and security of the civilian heartlands.

As a spur to romanisation three *coloniae* of retired Roman legionaries were settled at Camulodunum, Glevum and Lindum in the first century; later, honorary colonial status was given to the civilian settlement at Eburacum, and almost certainly to Londinium too. But most of the rest of the 'major settlements' were organised as *civitates*, newly planted, self-governing capitals controlling tribal areas, each roughly representing (with some Roman manipulation) the same region occupied by each

tribe before the Roman invasion. It is vivid testimony to the genius of Roman planning that many of these settlements are still thriving communities today, and that long stretches of the Roman road system which linked them are still in use. The flourishing state of Romano-British agriculture is witnessed by the thousand or so villas and farms located to date. The mosaics, painted plaster and lavish bath suites of the richer establishments (in country and town) testify to the high standard of material comfort achieved by the wealthier propertied classes, as well as to their thorough romanisation.

To protect the civilian zone, however, a permanent buffer of garrison forts was required in Wales and the north of England, controlled from three permanent legionary fortresses at Isca, Deva and Eburacum. All but one of the other fortresses shown, whether legionary (16–20 hectares) or vexillation (8–12 hectares) size, belong to the first century when the military situation was still fluid; Carpow alone is third century. Not all the forts shown were occupied simultaneously. It is impossible to show essential back-up features in the framework of military occupation, such as fortlets and signal stations. Omitted, too, are the marching camps representing the army on manoeuvres or campaign: it is from these, for example, that Roman armies are known to have reached the mouth of the R. Spey (Tuesis) under Agricola in 84, and again later, probably in the third century. For most of Roman Britain's history, however, it was Hadrian's Wall which formed the northern frontier.

## Hadrian's Wall and the Antonine Wall

Agricola was the first to appreciate the strategic importance of the Tyne-Solway line: during his governorship (78–84/5) he built a road ('The Stanegate') from Luguvalium to Red House and several of the forts along it. After the withdrawal from southern Scotland *c.* 105 the Stanegate served as the frontier; it was probably now that its line was extended westwards and eastwards, and fresh forts built along it. Hadrian, however, effected a bolder solution to the frontier problem with the erection of a continuous 118 km barrier from coast to coast a few miles north of the Stanegate—in stone three metres thick from Pons Aelius to the R. Irthing, and in turf from the Irthing to the Solway. At intervals of one Roman mile fortlets ('mile-castles') were built along it, with two signalling towers (turrets) spaced out between each—milecastles of stone in the eastern sector, of turf and timber in the western sector, but turrets of stone throughout. An impressive V-ditch was dug outside the entire frontier line, except where the crags rendered it superfluous. The main fighting garrisons were to remain in the Stanegate forts.

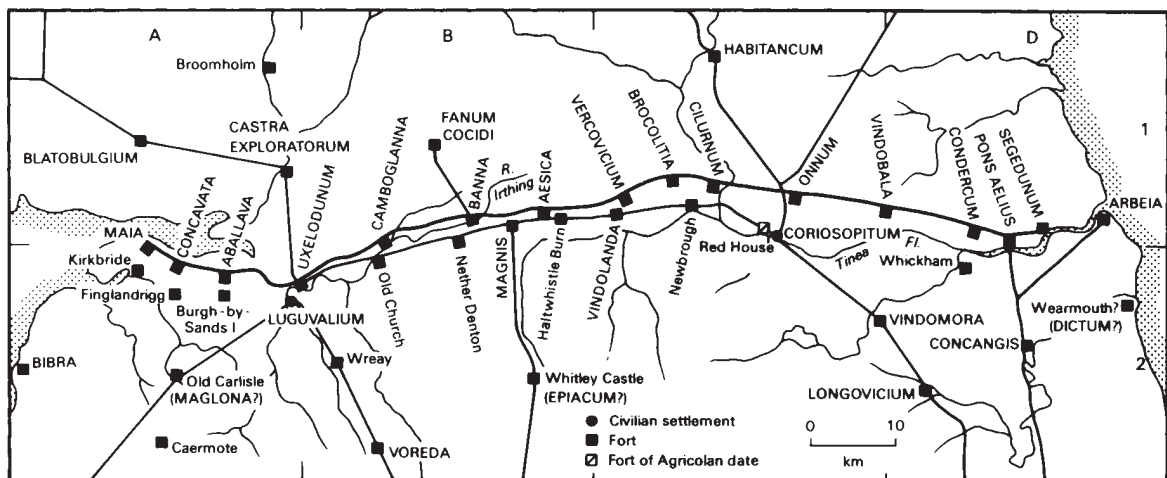
Drastic modifications were made *c.* 124. Forts were now placed on the Wall itself, originally 12 in number, later 16, demolishing turrets or mile-castles already built, if they were in the way. To speed up the work, the stone Wall was narrowed to 2.5

metres, and extended eastwards to Segedunum to provide better cover for the Tyne. Most idiosyncratic of all, a continuous flat-bottomed ditch, with accompanying earth mounds both north and south of it ('The Vallum'), ran behind the Wall to provide a clear delineation of the military zone: now the only crossing points were at control gates opposite each fort. This oddity of Roman planning came to be ignored soon after it was built, and was partly filled in. But its construction, and the decision to move the main garrisons onto the Wall itself, both presumably reflect the hostility with which the whole idea of a frontier barrier was greeted locally.

Another integral part of Hadrian's frontier was the system of stone watch towers and timber fortlets which continued down the Solway coast, probably as far as St Bees Head, south of Gabrosentum (see above, 'Roman Britain'); recent work between Bibra and Maia suggests that the original scheme here may have been a continuous timber palisade of uncertain length and height, similar to that known on the contemporary frontier in Germany. Also essential to defence of the frontier were the outpost forts to the north—Blatobulgium, Castra Exploratorum and Fanum Cocidi, later to be joined by Habitancum and others.

The Hadrianic frontier was essentially complete *c.* 128. Yet a bare ten years later Antoninus Pius

### HADRIAN'S WALL



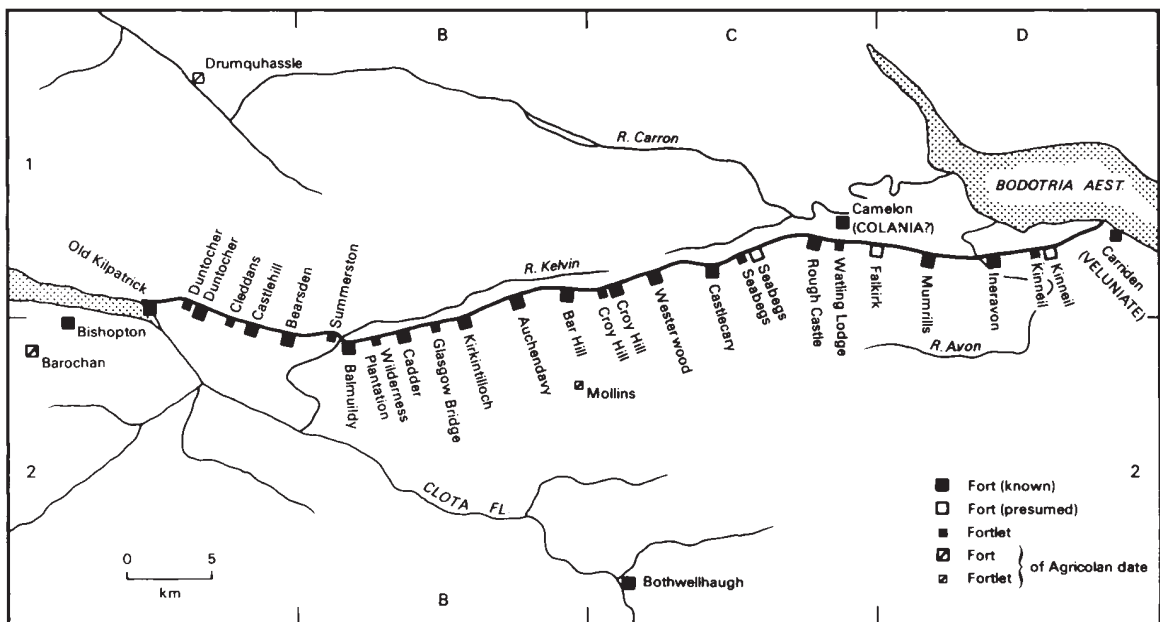


ordered a fresh advance and the building of another Wall—entirely of turf, a mere 59 km long—between Forth and Clyde. The planners of the Antonine frontier also had their afterthoughts. A tentative early scheme to build in stone (as seen at Balmuildy fort) was scrapped in favour of a turf Wall and ditch. At first the plan seems to have envisaged widely placed turf-and-timber forts, with fortlets like the milecastles of Hadrian's turf Wall in between: nine such fortlets are now known, though it is too early to say if a complete series was built. Clearly some at least were dismantled and superseded by adjacent forts, even before the Wall had been finished. Thus the Antonine frontier as finally completed *c.* 142 had 19 forts in all—more than

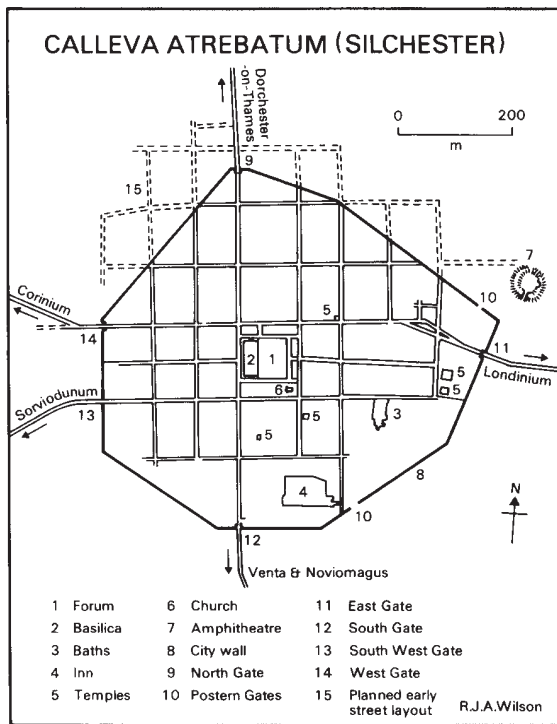
Hadrian's Wall, which was twice as long. There was no Vallum, and apart from six platforms, perhaps used as beacon stances in signalling, no structure resembling a turret. The western flanks were protected by a fort at Bishopton and a couple of fortlets further west; to the east of the Wall were garrisons at Cramond and Inveresk, while Alauna, Victoria (Strageath) and Bertha served as outpost forts to the north.

The Antonine Wall had an active service life of less than 20 years. Temporarily abandoned *c.* 155/8 and re-occupied after an interval of only a year or two, it was finally given up *c.* 163/4. Hadrian's Wall—its western sector now rebuilt in stone—henceforth served as the definitive frontier.

## ANTONINE WALL

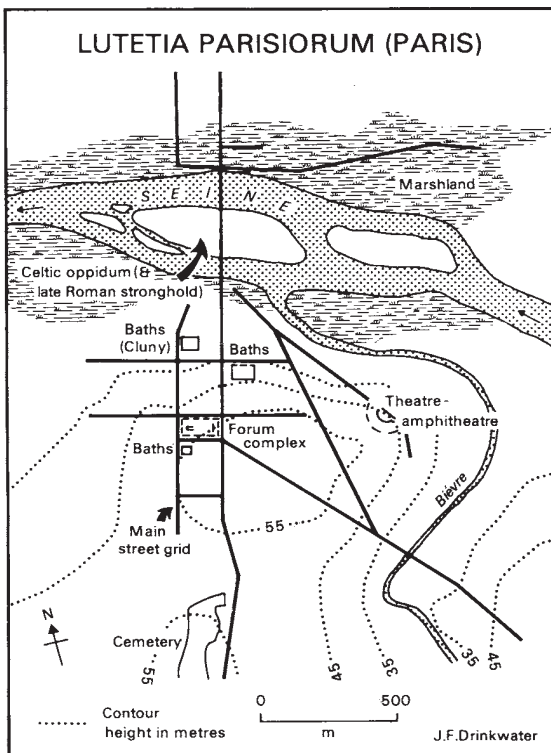


R.J.A. Wilson



### Silchester (Calleva Atrebatum)

Situated in Hampshire 13 km south of the R. Thames, Silchester has been almost deserted since Roman times, so that excavations in 1890–1909 revealed the most detailed example of a Romano-British town. As the capital of the Atrebates, Silchester predates the invasion in AD 43, but the Roman town developed slowly. The baths (c. 55/65) were its earliest amenity, oriented differently to the over-ambitious street grid of the late first century. The forum/basilica complex and amphitheatre were both started at the same time as the street grid; the former took some 30 years to complete. In the late second century a defensive bank of gravel with stone gateways enclosed 40 hectares—average area for a Romano-British town of medium size—and this was fronted by a stone wall after 250. Though full evidence is lacking, decline clearly followed, with the basilica being put to industrial use for metal-working. A tiny church was erected about 350.

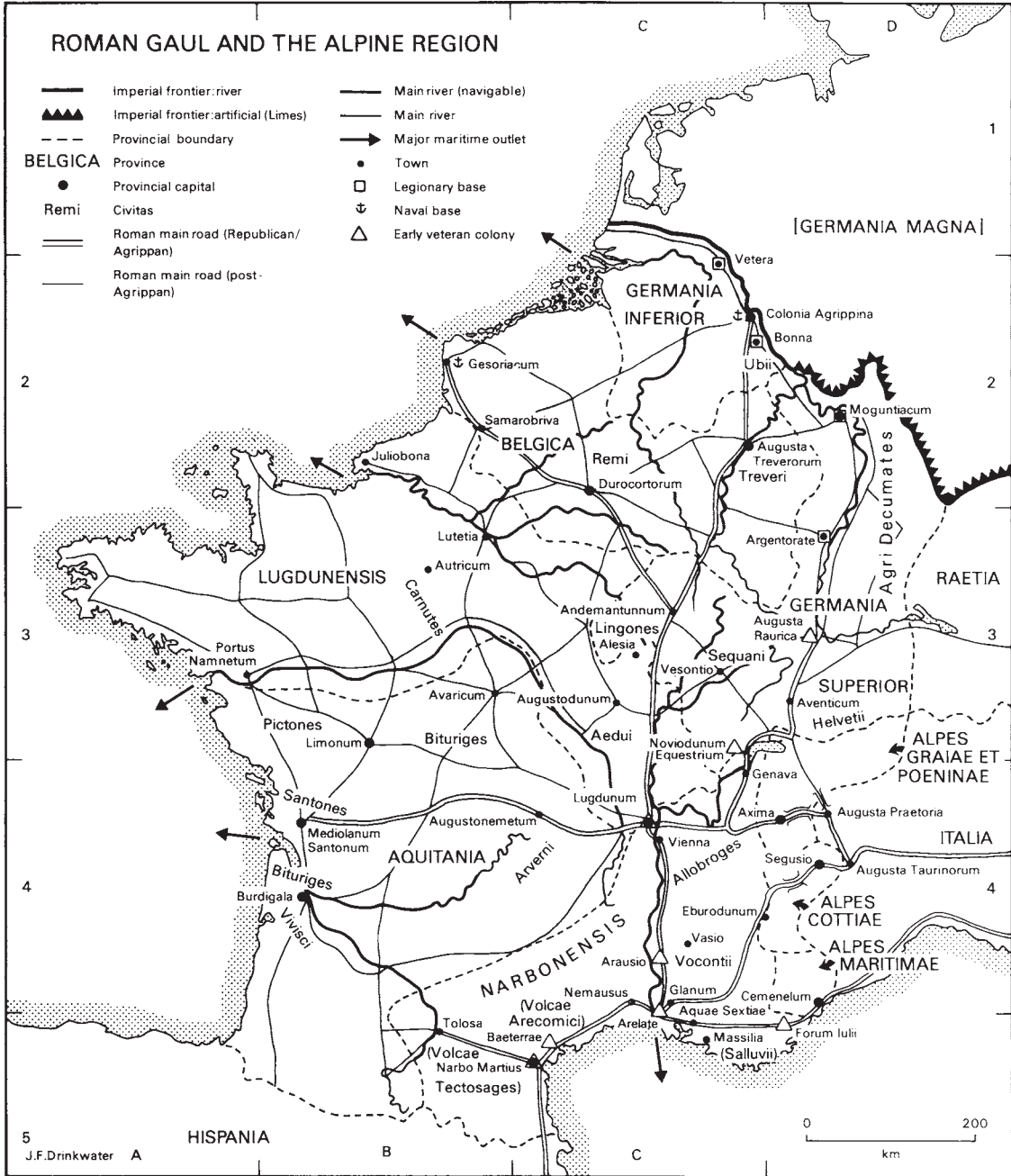


### Lutetia Parisiorum

Lutetia Parisiorum (Paris) was a typical northern Gallic *civitas*-capital, with a population of about 7,500. It succeeded a Celtic *oppidum* located on the Ile de la Cité—an easily defended site which controlled an important route across the R. Seine. However continuity of settlement was only assured when the Romans built a road which crossed the river at the same point. The main part of the Romano-Gallic city lay on the left bank. Its layout reflects the Gauls' ready acceptance of Greco-Roman ideas of urbanisation. There was regular street planning, and lavish provision of public buildings for administration, entertainment and relaxation. To be noted are the central forum complex—which included an open area with surrounding portico, a great hall and temple—and the bath buildings. The city was unwallled, a tribute to secure conditions during the Principate. In true Roman fashion its cemeteries were placed beyond its sacred boundary. The later Roman and medieval cities retreated again to the island in the Seine.

# ROMAN GAUL AND THE ALPINE REGION

- |                |                                       |  |                        |
|----------------|---------------------------------------|--|------------------------|
|                | Imperial frontier: river              |  | Main river (navigable) |
|                | Imperial frontier: artificial (Limes) |  | Main river             |
|                | Provincial boundary                   |  | Major maritime outlet  |
| <b>BELGICA</b> | Province                              |  | Town                   |
|                | Provincial capital                    |  | Legionary base         |
| <b>Remi</b>    | Civitas                               |  | Naval base             |
|                | Roman main road (Republican/Agrippan) |  | Early veteran colony   |
|                | Roman main road (post-Agrippan)       |  |                        |



---

## Roman Gaul and the Alpine Region

---

Rome effectively acquired southern Gaul late in the second century BC, by her intervention to help Massilia against the Salluvii. Subsequent war with the Allobroges extended Roman territory to Lake Geneva. Aquae Sextiae was established as a garrison town, and a colony was founded at Narbo Martius. The area became known as ‘Provincia’—‘The Province’. Incessant feuding among the remaining Gallic nations (*civitates*) blinded them to the threat posed by Romans in the south and Germanic peoples from the north. Rome herself, however, was increasingly aware of the German menace. Thus between 58 and 51 BC Julius Caesar could use it to justify his interference in the affairs of the Helvetii, Aedui, Arverni and Sequani, and indeed his conquest of the whole of Gaul.

The Republic had prized ‘The Province’ only as a safe route to Spain. Caesar, once dictator, went further, and established full veteran colonies at Narbo, Arelate, Forum Iulii and Baeterrae. Augustus followed the same pattern. He founded more full colonies in Narbonensis, as ‘The Province’ was now renamed—for example at Arausio; he also promoted Nemausus and many other indigenous settlements to colonial status. Thus began the intensive romanisation of Narbonensis, and the displacement of *civitates* by Greco-Roman style city-states—as among the Volcae Arecomici, to cite one instance.

In the new territories, however, Caesar was responsible for only three colonies—Noviodunum, Raurica, Lugdunum—to prevent German invasion from the Rhine. Augustus created no new colonies in the north. He slightly remodelled the *civitates*, giving them single centres of administration (the ‘*civitas*-capitals’, e.g. Augustodunum), but otherwise left them alone. His major innovation was to establish three new provinces: Lugdunensis (capital: Lugdunum), Aquitania (capital: first Mediolanum, then Limonum, and finally Burdigala), and Belgica (capital: first Durocortorum, then probably Augusta Treverorum). The ‘Three Gauls’ developed a Gallo-Roman rather than a Roman culture. Augustus also set in train the subjugation of the western Alps, which considerably eased overland communications between Gaul and Italy, and resulted ultimately in the provinces of Alpes

Graiae et Poeninae (capital: Axima), Alpes Cottiae (capital: Segusio), and Alpes Maritimae (capital: Cemenelum).

Following the failure of Augustus’ province of Germania Magna, and the return of the imperial frontier to the Rhine, martial law zones of Germania Inferior and Germania Superior were carved out of Belgica and Lugdunensis. In the late first century, under Domitian, these were constituted as formal provinces, with capitals at Colonia Agrippina and Moguntiacum respectively. Germania Superior included the only permanent Roman acquisition across the Rhine, the ‘Agri Decumates’, annexed by Vespasian and his son Domitian to shorten the northern frontier. During the second century its impressive overland boundary, the *Limes*, was progressively strengthened (see p. 140). Legions came to be stationed at Vetera, Bonna, Moguntiacum and Argentorate. Taken together with associated auxiliaries, and the naval personnel at Gesoriacum and Colonia Agrippina, they amounted to a considerable garrison.

The army’s presence was of great importance for Gaul. Military needs prompted the improvement of road and river communications, while the troops’ spending power greatly stimulated the Gallic economy. Increased wealth was reflected in urbanisation, not only in colonies and *civitas*-capitals, but also in agglomerations which grew up around the military bases and along the main routes. The greatest city was Lugdunum, whose suburb of Condate housed the great Altar of Roma and Augustus, the main focus of Gallic emperorworship. Prosperity, and perhaps a growing population, are also seen in the widespread appearance of substantial romanised farmhouses and villas, as revealed by aerial photography around Samarobriva, for example.

Gaul suffered particularly badly in the mid-third century, when external attack and internal discord brought anarchy to the empire. The frontier collapsed, the Agri Decumates were lost, and many towns and villas were destroyed. Order was restored by the fourth-century emperors, but the great age of imperial peace had passed.



---

## Germanies-Raetia-Noricum

---

For much of the Roman period the rivers Rhine and Danube marked the limit of Roman expansion northwards in western and central Europe. At the end of the first century BC the Celtic speaking peoples of the region (who lived both north and south of the rivers) were at differing levels of political, social and economic development; but they did provide a common bond between Rome's frontier provinces.

In the west Julius Caesar reached the Rhine in 55 BC. In 15 BC, however, Augustus initiated a series of campaigns to annex the lands between the Rhine and the Elbe (Albis). He built fortresses on the west bank of the Rhine (including Noviomagus, Vetera, Novaesium and Mogontiacum), and bases in the Lippe valley further east. This forward policy was reversed after a major disaster in AD 9, following which the Rhine was adopted as the frontier. The rump of Augustan Germania—two narrow military zones on the west bank—became by AD 90 the provinces of Germania Inferior and Superior.

After Augustus' subjugation of the Alpine tribes in 15 BC, the Vindelici and the kingdom of Noricum were overrun up to the Danube, though the two provinces of Raetia and Noricum were not formally created until Claudius' reign. Lying between the fortresses of Upper Germany and Pannonia, neither was garrisoned by legionary troops until the later second century.

Claudius reinforced both river frontiers with new forts. However the political upheavals of 69–70 caused widespread destruction, so that shortly afterwards Vespasian thoroughly overhauled the defensive systems. On the Danube he rebuilt the Claudian forts; east of the Upper Rhine he linked Mogontiacum and Augusta Vindelicum by new roads, and fortified the Upper Neckar (Nicer). After the Chattan War of 83–5 his son Domitian constructed the first *limes* in the Wetterau north east of Mogontiacum—a patrol road with towers and

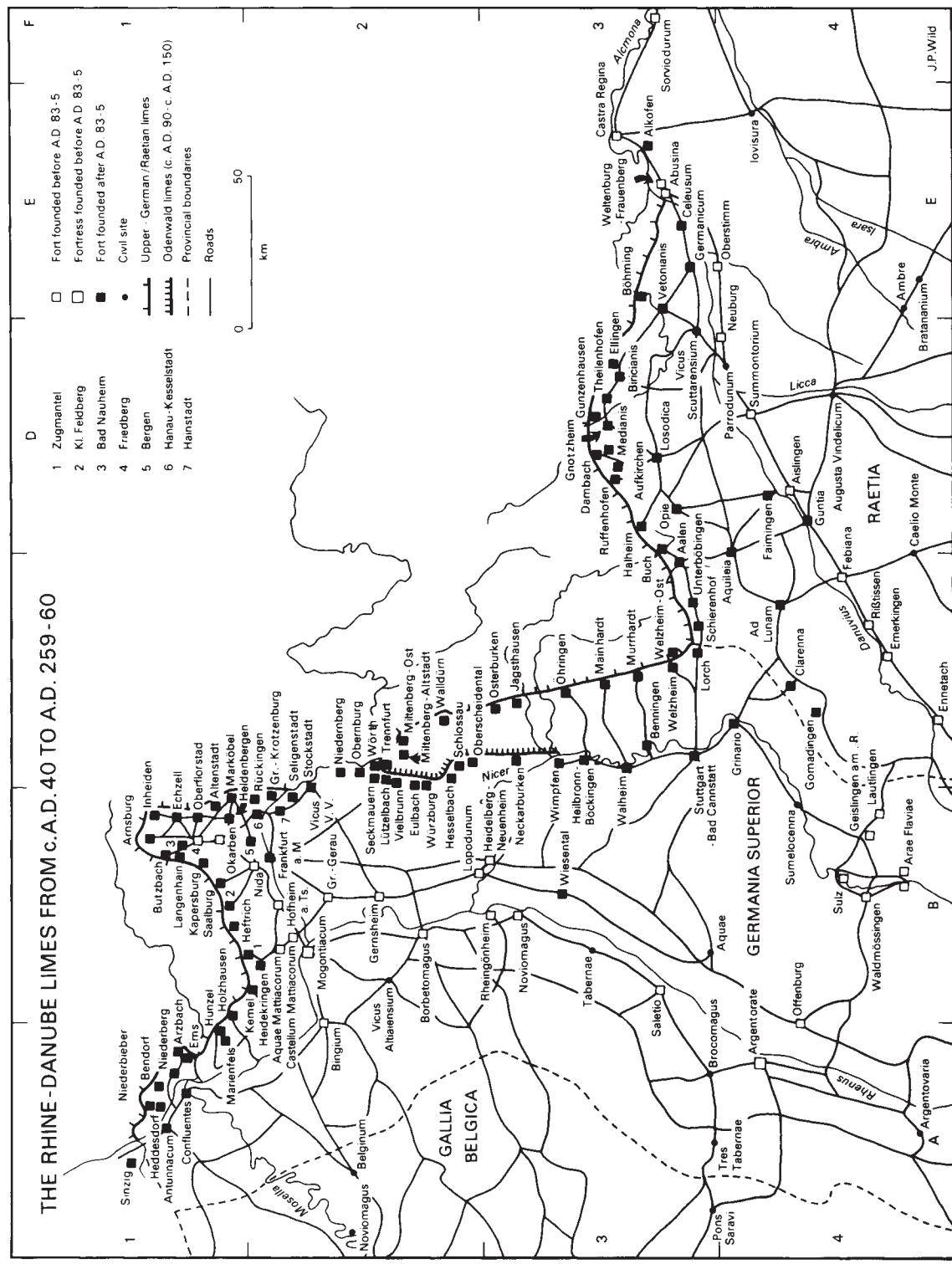
fortlets at intervals. At the same time he built a line of new forts north of the Danube. Around 90, following further Chattan incursions, he joined the Wetterau forts with Vespasian's strongpoints on the Upper Neckar by a *limes* through the Odenwald. Further improvements were made under Trajan and Hadrian; later, around 150, the garrisons of the Odenwald-Neckar *limes* were moved 20–25 km eastwards.

Under threat of attack by the Marcomanni, in 179 Raetia was given the protection of a new legionary base at Regensburg (Castra Regina); soon afterwards Lauriacum took on the same role in Noricum. Germanic raids across the whole length of the Rhine and Danube frontier progressively threatened the security of provincial life, especially after 233. The Agri Decumates behind the Upper German-Raetian *limes* were gradually evacuated, and by 259–60 the Upper Rhine and Danube once more became the front line. Then from the late third century new strongpoints were built along both the rivers and some main routes in the hinterland. Thus Rome had moved effectively from the offensive to the defensive.

It is clear that the army was the agent of rapid romanisation in the frontier provinces: there is ample archaeological evidence for urbanisation and the intensive exploitation of natural resources. Colonies such as Colonia Claudia Ara Agrippinensium and Augusta Rauricorum were founded, and many lesser towns sprang up. Most forts, too, had dependent civil settlements, sometimes of considerable importance. Villa estates in the country-side supported a prosperous upper class, and marginal land was farmed by a numerous peasantry. The barbarian invasions of the third century did not put an end to progress; but they coincided with notable changes in the Roman social and economic system, so that their effect was far reaching.



# THE RHINE-DANUBE LIMES FROM c.A.D. 40 TO A.D. 259-60



D

1 Zugmantel  
 2 Kl. Feldberg  
 3 Bad Nauheim  
 4 Friedberg  
 5 Bergen  
 6 Hanau-Kasselstadt  
 7 Hanstadt

E

F

- Fort founded before A.D. 83-5
- Fortress founded before A.D. 83-5
- Fort founded after A.D. 83-5
- Civil site
- Upper-German/Raetian limes
- Odenwald limes (c. A.D. 90 - c. A.D. 150)
- - - Provincial boundaries
- Roads



J.P. Wild

---

### The Rhine-Danube Limes from c. AD 40 to AD 259–60

---

The triangle of land between the upper courses of the Rhine and Danube formed a re-entrant into Roman territory and a potential weak spot in the northern defences. It was directly controlled by Rome only between the late first and the mid-third centuries AD. After Augustus' failure to create a Greater German province up to the Elbe, the Rhine and Danube were accepted as the frontier. Fortresses at Mogontiacum, Argentorate and Vindonissa were supported by auxiliary forts in the Rhine Valley and south of the Danube. Claudius moved troops up to the two river lines and strengthened both. After the disturbances of 69–70 Vespasian reorganised the region's defences. He drove a road east of the Rhine from Mogontiacum to Augusta Vindelicum and established forts on the Upper Neckar (Nicer). In 85, after his first Chattan War, Domitian protected the Wetterau north east of Mogontiacum by a *limes*—that is, a patrol road with wooden look-out towers and fortlets at intervals; he also built a series of efforts north of the Danube. To link the Wetterau system with the Upper Neckar, around 90 he constructed a *limes* through the Odenwald, secured by fortlets. Hadrian added a wooden palisade in front of the road.

Around 150 the garrisons of the Odenwald-Neckar *limes* were moved to a new line 20–25 km further east, and the work of replacing wooden forts and towers in stone was completed. In the early third century the Upper German *limes* was reinforced by a rampart and ditch set behind the wooden palisade; but in the Raetian sector the palisade was replaced by a stone wall and interval towers.

Alamannic invasions in the second quarter of the third century led to Roman retrenchment. By 259–60 the *limes* had been abandoned, the towns and villas of the Agri Decumates had been evacuated, and the Rhine and Danube resumed their defensive role.

---

### The Danubian Provinces/Balkan Area c. AD 200

---

Until the end of the first century BC Rome's interests in the Balkans were confined to the Istrian peninsula and the occupation of Macedonia. However Roman control came to be extended to the R. Danube as a result of Augustus' campaigns down the R. Save (Savus) valley, together with the conquest of the interior of Dalmatia and the route to the Danube down the valley of the R. Morava (Margus). By Tiberius' time three provinces of Dalmatia, Pannonia and Moesia had been created. Of these Moesia was to be divided later by Domitian, Pannonia by Trajan. When Dacia was annexed at the beginning of the second century, it was sometimes governed as a single province, at other times as two, or even three.

Towns—both Macedonian foundations and Greek colonies—only existed on the periphery of the new conquests, on the Aegean coast of Thrace and on the Black Sea. New towns were founded under Augustus and Tiberius, notably in Liburnia and northern Macedonia: these were both *coloniae*, settlements of Roman veterans, and *municipia*, native settlements granted urban autonomy. All provided civilian administration for newly conquered territory. In addition the colonies—such as Emona on the road from Italy to Pannonia—guaranteed a military reserve at strategic centres vacated by the legions after the initial phase of conquest. By the mid-first century AD the Dalmatian coast from Liburnia to Macedonia possessed numerous new towns.

In the interior the pace of urbanism was much slower. Native tribal administration was maintained in central Pannonia and Moesia, regularly supervised by centurions detached from the legions. The first urban foundation on the middle Danube—the Claudian colony at Savaria—commanded the Amber road, the route north from Italy to the legionary fortress at Carnuntum; its citizens included both legionary veterans and Italian traders, anxious to

seek out the important military markets on the Danube. Later in the first century Sirmium and Siscia (the latter founded with discharged sailors from the fleet) were established to strengthen the economic development of the Save valley: it formed the second most important route in Pannonia, leading south east to the Danube at Singidunum (Belgrade). Sufficiently romanised native communities were also granted urban status under the Flavians, among them Nevioudunum, Andautonia and Scarbantia. In Moesia tribal administration was maintained; romanisation proved more difficult. The only colony here was the Domitianic foundation of Scupi. It was a mixed community of Syrian, Gallic and Macedonian veterans drawn from all four Moesian legions.

The greatest impetus to urban development came from the conquest and eventual annexation of Dacia in 106. Three new colonies were founded—at Oescus in Moesia Inferior, at Ratiaria in Moesia Superior, and at Poetovio in Pannonia. Hadrian granted civic status to native settlements in the interior of Pannonia, such as Cibalae and Bassiana. On the Danubian *limes* substantial civilian settlements (*canabae*) had been formed close to the legionary fortresses by a mixture of legionary and auxiliary veterans, native traders and foreign immigrants. Hadrian raised several such settlements to municipal status, notably Viminacium, Carnuntum and Aquincum.

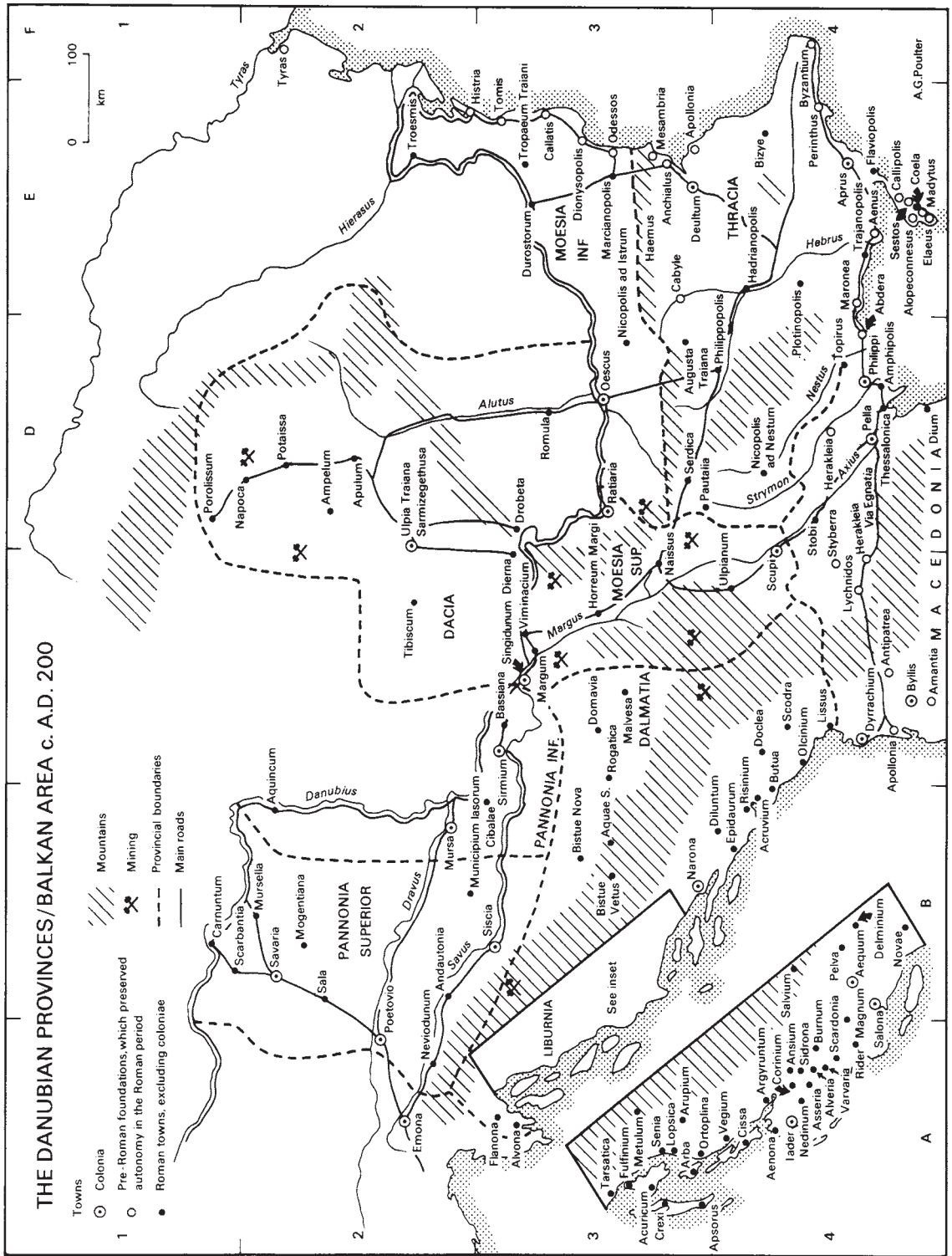
In the eastern Balkans the task was less easy. Thrace, annexed by Claudius, had few urban centres away from the coast. Though Vespasian did found a colony at Deultum, the real task of creating towns in Thrace was left to Trajan. While Serdica, Pautalia and Augusta Traiana could claim native origins, his foundations at Nicopolis ad Nestum, Nicopolis ad Istrum and Marcianopolis (the latter two north of the Haemus range) were all new creations. This attempt to spread urbanisation was not fully successful, however. Hadrian founded only one more town in Thrace—Hadrianopolis. So the province remained largely administered by villages: remote from the towns, these controlled extensive territories exploited through *emporia*, subsidiary market centres.

The conquest of Dacia, too, was not followed by the creation of towns on the scale of the Augustan programme in Dalmatia or the Flavian one in Pannonia. The establishment of Sarmizegethusa as a colony only three years after the conquest was a political decision: it demonstrated Rome's power, not her intention to romanise the Dacian population. Hadrian added only two new towns, Drobeta and Romula, both south of the Dacian heartlands of Transcarpathia.

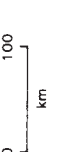
The second century witnessed the most prosperous period in the development of the Danubian provinces. Towns of the interior were provided with temples, *fora* and lavishly decorated public buildings. By contrast country farms were generally small, lacking the luxury of Gallic or African villas. Mining, though an imperial monopoly, encouraged the growth of settlements in Moesia Superior and western Dacia: these gained municipal rights by the third century. Ampelum, the centre of gold mining in Dacia, attracted skilled miners from Dalmatia. Moesia Superior was exploited for its lead and silver, western Thrace for gold, northern Dalmatia for iron.

Military centres which had attracted substantial civilian settlements in Dacia (like Potaissa, Napoca, Porolissum) and in Moesia Inferior (Troesmis, Durostorum) received civic rights, as did the native settlements of Naissus, Margum and Horreum Margi in the Morava valley of Moesia Superior. The development of towns also reflects the general economic development of the provinces, the romanisation of their native populations, and their general attractiveness to immigrants from both east and west. From the early third century, the award of the title *colonia* to existing settlements becomes increasingly common: Potaissa in Dacia and Aquincum in Pannonia were so honoured. However, by the second decade of the third century the barbarian invasions had commenced, bringing devastation to the Balkan provinces, and ending nearly two centuries of economic and urban development which had reached its peak by c. 200.

# THE DANUBIAN PROVINCES/BALKAN AREA c. A.D. 200



- Towns
- Colonia
- Pre-Roman foundations, which preserved autonomy in the Roman period
- Roman towns, excluding coloniae
- ▨ Mountains
- ⛏ Mining
- - - Provincial boundaries
- Main roads



F  
E  
D  
A

1  
2  
3  
4

A  
B  
C  
D  
E  
F  
G  
H  
I  
J  
K  
L  
M  
N  
O  
P  
Q  
R  
S  
T  
U  
V  
W  
X  
Y  
Z





---

## Iberian Peninsula

---

The large Iberian peninsula, separated from the rest of Europe by the Pyrenees, has always displayed extremes of landscape and climate. Serious Roman interest dates from the Second Punic War. By its end Rome had dislodged the Carthaginians there to occupy the most productive areas in the peninsula, the valley of the lower R.Ebro, the east coast, and the valley of the R.Baetis. Two provinces, Citerior and Ulterior, were marked out in 197. In the following decades the need to protect and stabilise conquered territory combined with greed for Spain's rich variety of resources to encourage continuing Roman expansion. Long and bitter conflict with native tribes culminated in a major struggle with an alliance led by the Lusitanian Viriathus, and the capture of Numantia in 133. With Rome now in possession of perhaps two-thirds of the peninsula, there was little further conquest for the next century, although the provinces were unsettled by Roman civil wars there against Sertorius in the 70s and Pompeians in the 40s. Final conquest of the entire peninsula (especially the rugged north west) was achieved by Augustus in the 20s BC. As a result three provinces were created from his reign, Tarraconensis and Lusitania each governed by an imperial legate, Baetica by a proconsul. Thereafter the peninsula for long enjoyed a fair measure of internal stability, with only one recorded mention of fighting against the Astures in Nero's reign (*ILS* 2648). The three legions placed there by Augustus were reduced by Vespasian to one—Legio VII Gemina, stationed at the place named after itself.

The fullest surviving descriptions of the peninsula under Roman rule are those of Strabo dating to Augustus' reign, and of Pliny the Elder in the Flavian period. They indicate the impressive number of new colonies founded by Julius Caesar and Augustus and of existing towns granted either colonial or some lesser Roman status. Emerita Augusta, established in 25 BC for legionary veterans, is one outstanding example of the former

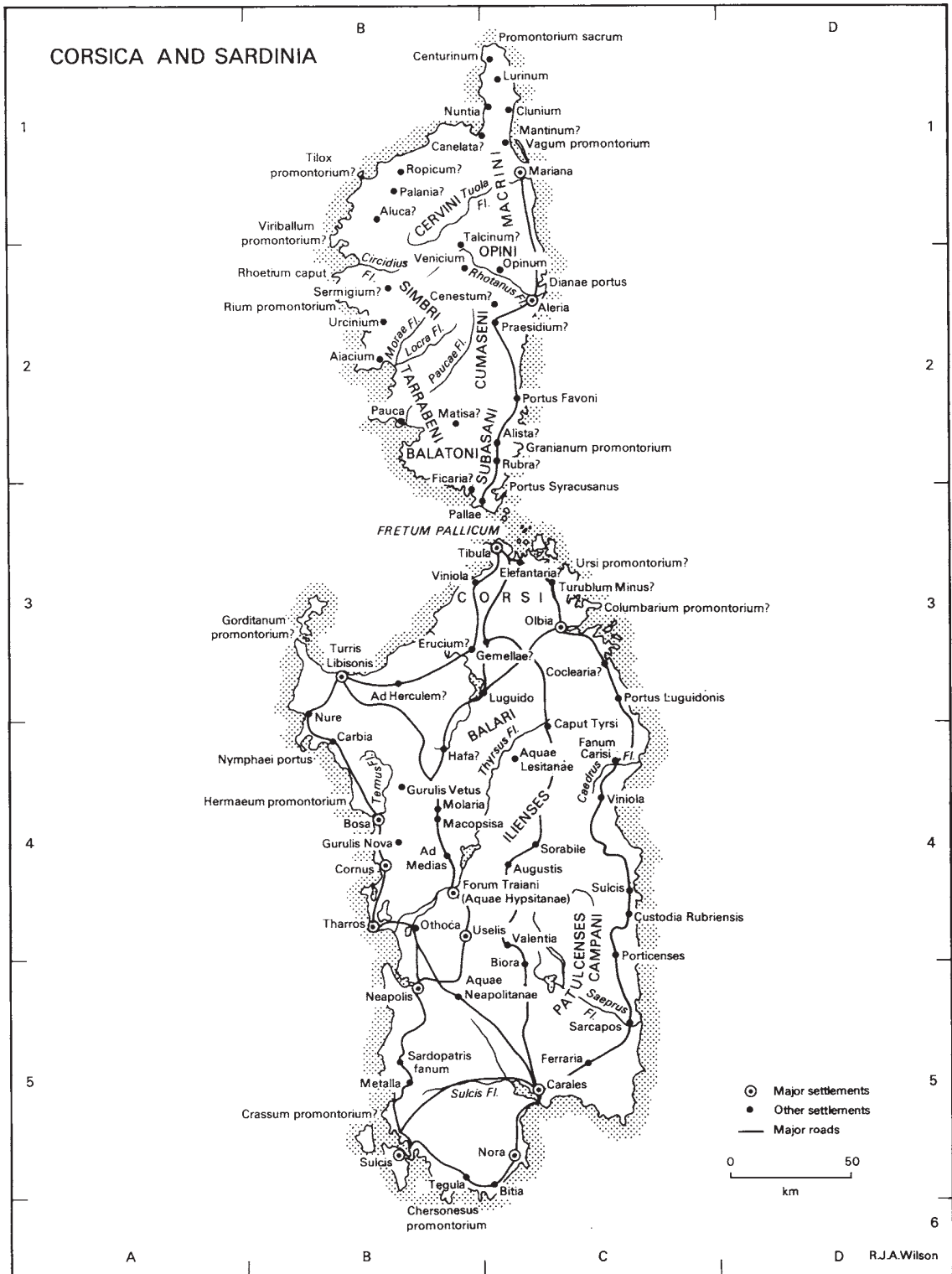
group, while among the latter the ancient Phoenician foundation of Gades, given Roman municipal status by Caesar, prospered sufficiently to boast as many as 500 men of equestrian census. Much survives on bronze of the municipal charters of Salpensa and Malaca, drawn up in Domitian's reign. Although his father Vespasian had bestowed 'Latin' rights upon every community in the Spanish provinces, it should not be overlooked that there still remained a stark contrast between the south—rich, urban, romanised—and the rest of the peninsula, where cities were relatively few, and tribal organisation persisted along with native customs and languages. All the same, while many Spaniards may indeed have been 'obscure people with barbaric names', as Pliny put it, the number of educated men from the peninsula who rose to make their mark at Rome (especially as senators and writers) was remarkable.

The sources of Spain's wealth were diverse. The peninsula was rich in herds and crops, especially corn, vines, olives, flax. Fish were caught on a large scale, both for pickling and for the manufacture of *garum*, the salty fish sauce which added zest to every Roman meal. Most valuable of all, however, were Spain's minerals—gold, silver, lead, tin, iron and copper: the last was mined over extensive areas, principally at Rio Tinto and Vipasca, from which regulations of the early second century AD survive. Most mines came to be owned by the state. Export of all Spanish products was facilitated by navigable rivers and a well-developed system of main roads.

Rome's Spanish provinces arguably reached the peak of their prosperity in the second century AD. Beyond that date, for some reason, the number of Spaniards to achieve prominence at Rome declines. The peninsula itself was harmed successively by Moorish invasions, widespread banditry, and the effects of the empire-wide civil wars of the 190s. It suffered again from Frankish invasions during the third century.



# CORSICA AND SARDINIA



---

## Corsica and Sardinia

---

These two wild and rugged islands had rather different cultural backgrounds until their absorption by Rome in the third century BC. In Sardinia the best anchorages along the western and southern coasts had been colonised by Phoenicians in the eighth and seventh centuries. These settlements, bolstered by trade and each controlling a fertile agricultural hinterland, flourished under Carthaginian control, despite somewhat hostile relations with the Nuragic peoples of the interior: the Carthaginian sphere of influence never extended far inland. In Corsica Phocaeans made an ill-fated attempt to found a Greek colony at Alalia (Aleria) around 565, but the island passed under Etruscan influence less than 30 years later, and the Etruscans are said to have founded Nicaea, perhaps on the site of Mariana, about the same time. Later at least part of Corsica, too, came under Carthaginian control, and it was from this that Rome wrested both islands in 238. But further campaigns were necessary before Roman power was consolidated: not until 227 was the new province of Sardinia-Corsica formally organised. The mountainous interiors, however, remained untamed. Continued forays by Roman armies in both islands were necessary to quell native revolts until the end of the second century BC; even after that, brigandage in Sardinia at least was not finally stamped out until the early empire.

With both islands so unsettled, it is hardly surprising that the progress of romanisation was slow. In Corsica a *colonia* was founded by Marius at Mariana and another at Aleria by Sulla, but no other cities merit a reference in the Corsican section of Pliny's detailed and wide ranging survey of Roman provinces, and only a single road—the east coast one—is listed in the Antonine Itinerary. The rest of the Corsican settlements shown on the map derive from Ptolemy's Geography: doubts remain about the precise location of some, and in the absence of archaeo-

logical investigation it is impossible to determine the degree of romanisation of the others. From the garrison at Praesidium Rome kept a watchful eye on the interior, while there was an important detachment of the Misenum fleet stationed in the sheltered lagoon of Portus Dianae.

Sardinia in time became more developed. Early in Augustus' reign only Turris Libisonis was a *colonia*, and Carales the sole city with municipal rights. However, Uselis soon joined Turris as a *colonia*, and Nora and Sulcis at least became *municipia*; Cornus, too, gained municipal or colonial rank. But the interior remained unsettled. This may be seen first from the presence of auxiliary garrisons there—most probably at Sorabile, Luguido, Augustis and Valentia (though certainty is impossible). The constant switching of the island's status is another sign of instability. Having been split from Corsica and organised as a separate province some time early in the empire, Sardinia shifted between being a senatorial province and coming under direct imperial control half-a-dozen times from Augustus' day to the late second century.

Corsica's main contribution to the Roman economy was its timber. Sardinian grain was not insignificant, and the lead and silver mines of the Metalla district, as well as iron and copper sources elsewhere in the island, also produced useful yields. In addition granite was extracted from quarries on both sides of the Fretum Pallicum—mostly for local needs. Certainly by the time of the middle Empire places such as Turris Libisonis (probably the capital), Carales, Nora and Olbia had equipped themselves with at least some public buildings in brick-faced concrete of the type to be expected in any medium-sized town in the Italian peninsula. But Punic influence in the coastal cities died hard: even in the late second century AD Bitia erected an inscription in neo-Punic which indicates that the town's constitution continued to be modelled along Carthaginian lines, with *suffetes* as chief magistrates.



---

## Roman Sicily

---

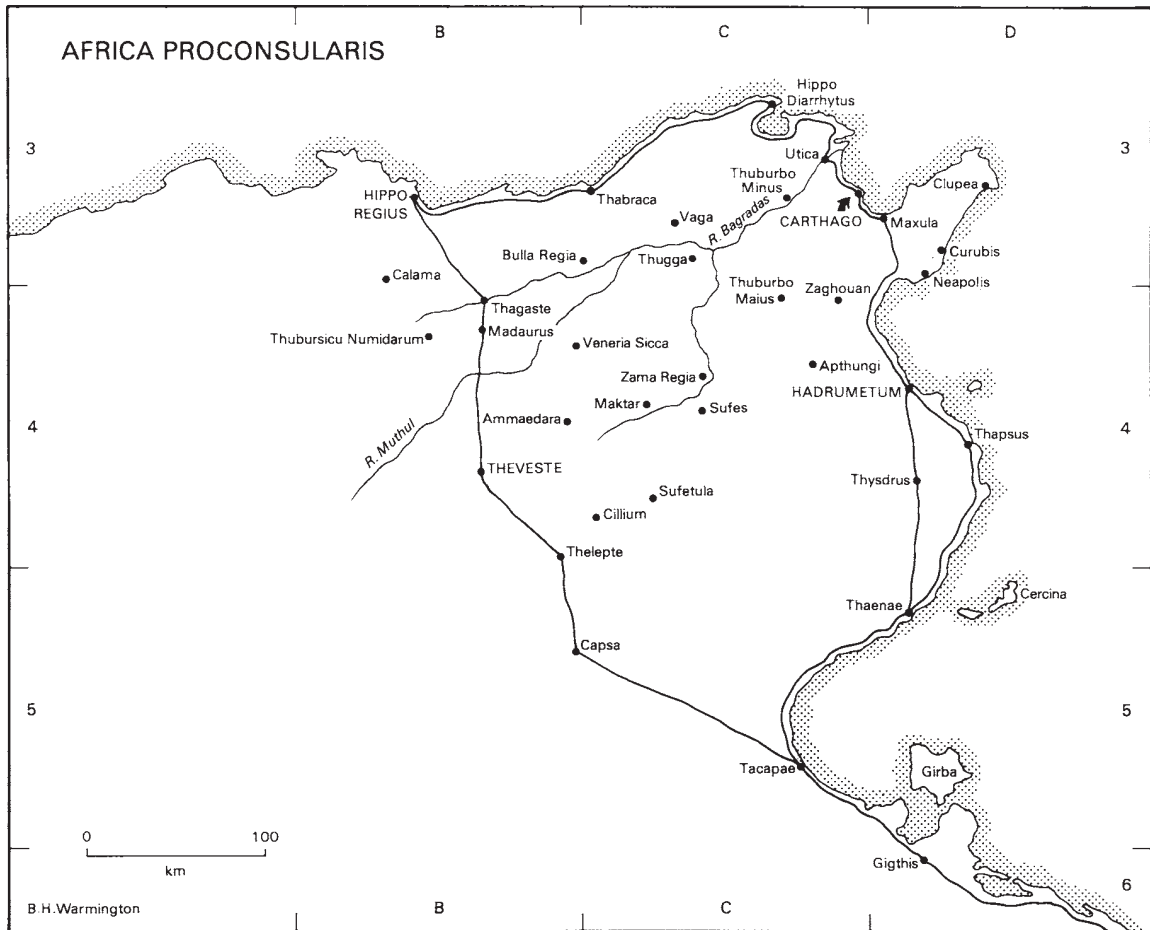
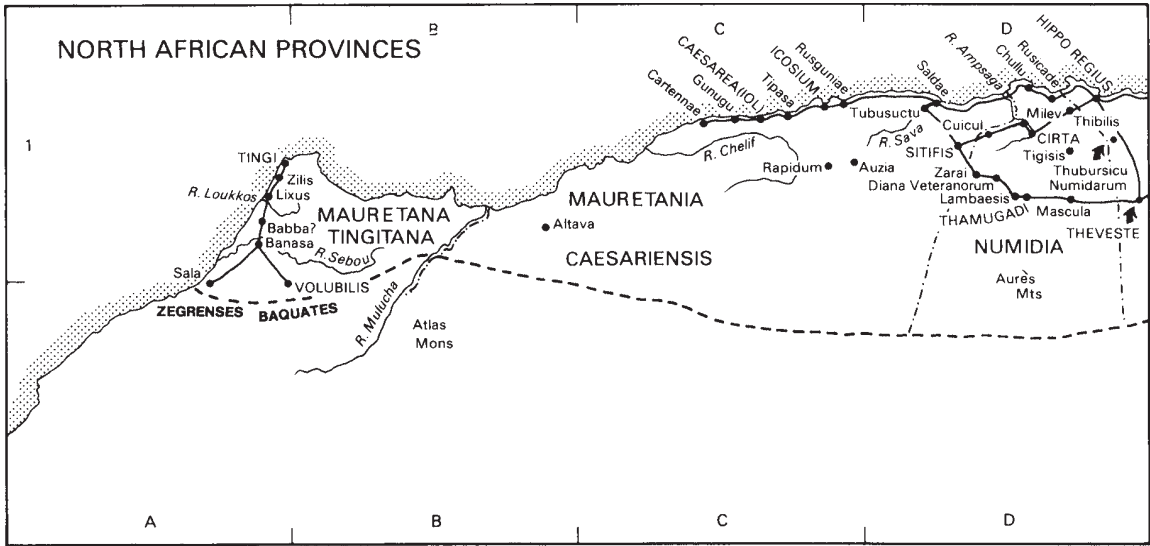
Sicily became the first of Rome's provinces at the end of the First Punic War (241 BC), and remained one until the island passed under Byzantine control in AD 535. The map inevitably represents a conflation of more than one period in that long span of nearly 800 years. It is drawn from two main sources.

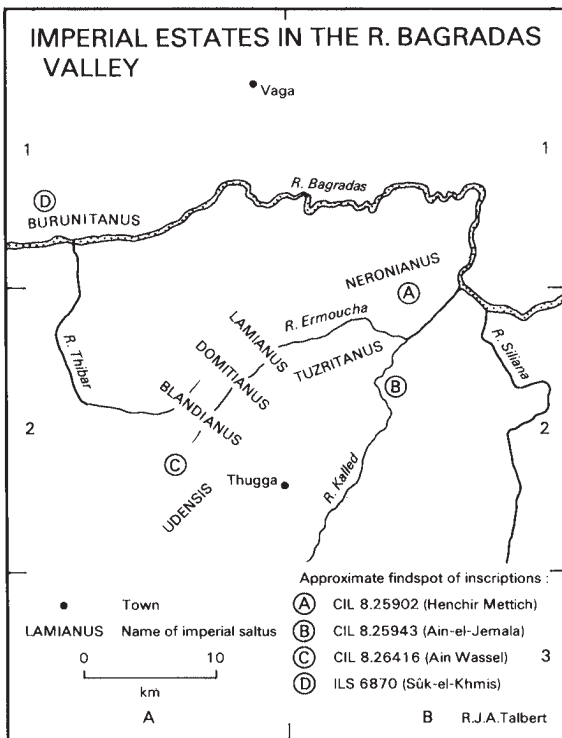
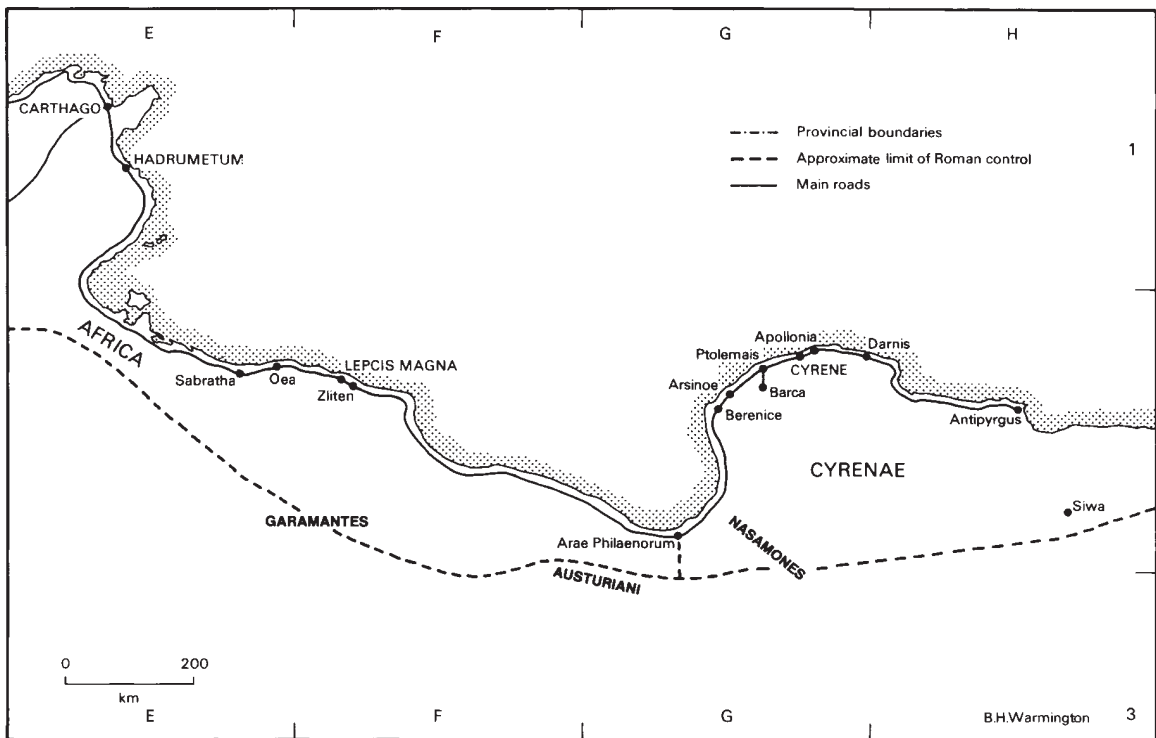
The first is Pliny's list of Sicilian communities based on an Augustan document which, with one or two supplements from Cicero's *Verrines*, provides a list of the most important Sicilian cities in the late Republic. A comparison with the map of Greek Sicily (p. 38) will show that some of the famous old Greek cities, such as Gela, Himera and Selinus, were already dead (these three, in fact, by 241), and that some of the hill towns of the interior had also disappeared. In some cases the latter had been peacefully abandoned in the course of the late third century, when the arrival of the *pax Romana* made defensive capability no longer the most important factor in the choice of urban site. Right into the Empire the other hill towns were gradually deserted in favour of a pattern of more dispersed settlement on farms, and in villages and new market centres. The latter sprang up in the valleys and along the new trunk roads which the Romans built. Archaeology has demonstrated clearly that some of the places mentioned by Cicero and Pliny, such as Megara Hyblaea, Camarina, Morgantina, Heraclea Minoa and Ietas, either vanished altogether in the period between 50 BC and AD 50, or else dwindled to the size of hamlets; others, notably Helorus and Soluntum, and possibly Segesta and Entella, did not much outlast the second century AD.

The second main source for Sicilian place names in the Roman period is the Antonine Itinerary, in origin a third century AD document, which along

with other similar late-Roman and post-Roman handbooks, lists places along the major trunk routes. In particular it provides the names of several of the new market centres referred to above, although many of these remain to be securely identified on the ground.

During both Republic and Empire, Sicily's economic importance lay almost exclusively in her role as a major corn producing province. In addition Sicilian wines were known on the tables of Rome, whilst horses, timber and sulphur were among other local assets with an export market. During the Republic the Sicilian communities were left largely to their own devices, provided they paid their tithes and other taxes. They retained a good measure of local autonomy, as well as their Greek-style constitutions and magistrates: culturally, Sicily under the Republic remained part of the Greek Hellenistic world. Romans showed an increasing interest in property speculation and other business affairs, but the numbers resident in Sicily stayed small until the first century BC. The Roman influx became more significant when six *coloniae* were created by Augustus, some of which erected buildings in the style of the concrete architecture of mainland Italy. However in other parts of Sicily building traditions remained conservative down to the late Empire. Latin was the official language of government, at least in the *coloniae* and *municipia*, though even they occasionally erected official inscriptions in Greek. This undoubtedly remained the language of normal everyday communication. Despite its geographical proximity to Italy and more than seven centuries as a Roman province, Sicily retained a distinctly Greek flavour down into Byzantine times.





### Imperial Estates in the R. Bagradas Valley

Emperors acquired extensive landholdings throughout the provinces by such means as inheritance, gift and confiscation. Four key inscriptions found in the R. Bagradas valley between 1879 and 1906 illuminate the character of imperial estates (*saltus*) there, though how far generalisation from them is valid remains doubtful. Of special interest is administration by procurators directly responsible to the emperor, acting in liaison with a *conductor* for each estate. Though technically himself a tenant, with official connivance the latter could oppress his fellows, as inscription D of Commodus' time shows. The others all preserve regulations encouraging tenants' cultivation of marginal land (*subseciva*). The map shows their approximate findspots and the presumed location of the estates named. The *fundus villae Magne Variane id est mappalia Siga*, to which inscription A (of Trajanic date) relates, is thought to have formed part of the *saltus Neronianus*. The *saltus Tuzritanus* and *saltus Thusdritanus*, to which the otherwise similar texts of inscriptions B (Hadrianic date) and C (Severan date) respectively relate, are likely to be identical.



---

## North African Provinces

---

Rome's first province in Africa was acquired after the destruction of Carthage in 146 BC. It consisted of a relatively small area of northern Tunisia, and was governed from Utica. In 46 BC Julius Caesar added a new province created from the kingdom of Numidia; the two were combined by Augustus about 27 BC. Africa in this form remained a senatorial province governed from Carthage, which had been refounded as a *colonia* by Augustus. In AD 39 command of the province's single legion was transferred by Gaius from the proconsul to a *legatus Augusti* of praetorian rank. For all practical purposes he took charge of Numidia—which was not officially designated as a separate province till 196—as well as the military zone on the desert fringes as far east as the border with Cyrenaica. In 42/3 the client kingdom of Mauretania was annexed and split into two provinces, Mauretania Caesariensis and Mauretania Tingitana, separated by mountains; both were governed by equestrian procurators. Later, under Diocletian, the proconsular province was divided into three provinces, and Mauretania Caesariensis into two. No serious external or internal threats were felt to exist: the African garrison amounted to just one legion with numerous auxiliaries, in all about 28,000 men.

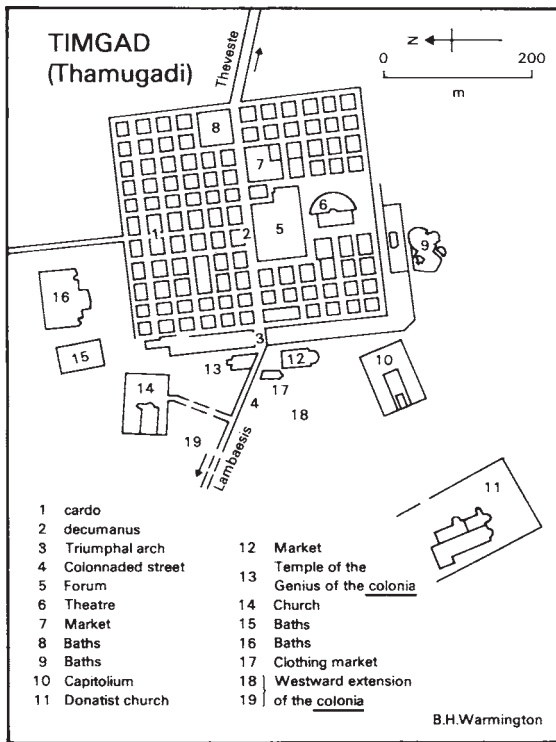
In the Punic period urban life had developed on a number of coastal sites, which came to survive the destruction of Carthage. Further impetus to development was given by considerable immigration from Italy under Caesar and Augustus. Several *coloniae* were founded, and there was much private settlement. The restriction of nomadic and pastoral movements opened wide areas to intensive agriculture, particularly cereals in northern Tunisia and later, after 100, olives in the southern areas. This was the basis of a population increase which in turn led to further urbanisation in favoured areas, among them parts of Numidia in the region of Cirta. The army also played a role in urbanisation from its successive bases at Ammaedara, Theveste and Lambaesis.

Tribal structures broke down rapidly in some areas (though not in the mountains), so that some 400 or 500 indigenous communities, mostly no more

than villages, came to be recognised by the government as having local administrative responsibilities. With increased wealth, a substantial number developed into proper towns, acquiring Roman citizenship during the second century. Some, like Lepcis Magna and Hadrumetum, were old Phoenician settlements; others like Thugga, Thubursicu Numidarum, Thuburbo Maius and Maktar were of Libyan origin. By the end of the second century the density of urban life in northern Tunisia rivalled that of Italy. The population of the majority of these communities probably did not exceed 10,000; but Cirta and Hadrumetum had perhaps 30,000, and Carthage, which became the largest city in the western Mediterranean after Rome, perhaps 250,000.

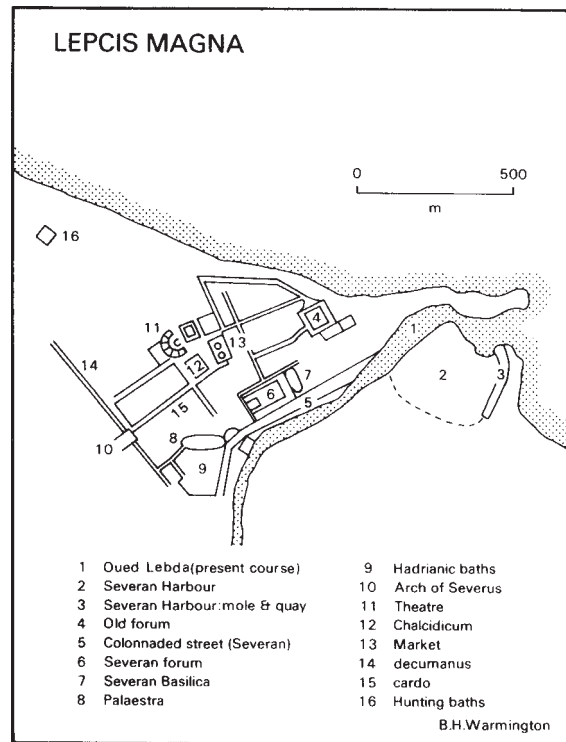
Throughout north Africa there were extensive imperial estates; much land, too, was held by absentee owners. But many provincials also prospered, and they are found in increasing numbers in the highest ranks of the imperial administration. Septimius Severus, an African from Lepcis Magna, even rose to be emperor at the end of the second century. A further notable feature of the north African provinces is the speed with which Christianity spread there—faster than in any other Latin speaking region. Many of the most important early Christian writers in Latin—among them Tertullian, Cyprian, Lactantius, Augustine—were Africans.

In contrast to the advancement of Latin culture further west, Cyrenaica retained the Hellenic character which stemmed from the original settlement by Greeks in the seventh century BC. During the Roman period immigration from Italy was slight. Following its annexation in 74 BC Cyrenaica formed a proconsular province jointly with Crete—a connection not broken until some time in the third century AD. Diocletian next divided Cyrenaica into Libya Superior and Libya Inferior. The traditional Greek way of life continued in the coastal cities, the term Pentapolis being applied to Apollonia, Cyrene (see p. 40), Ptolemais, Arsinoe and Berenice. Serious damage was caused in a revolt by Jewish inhabitants in 115, but the province suffered no major military problem till the fourth century when pressure exerted on the cultivated areas by desert tribes became intense.



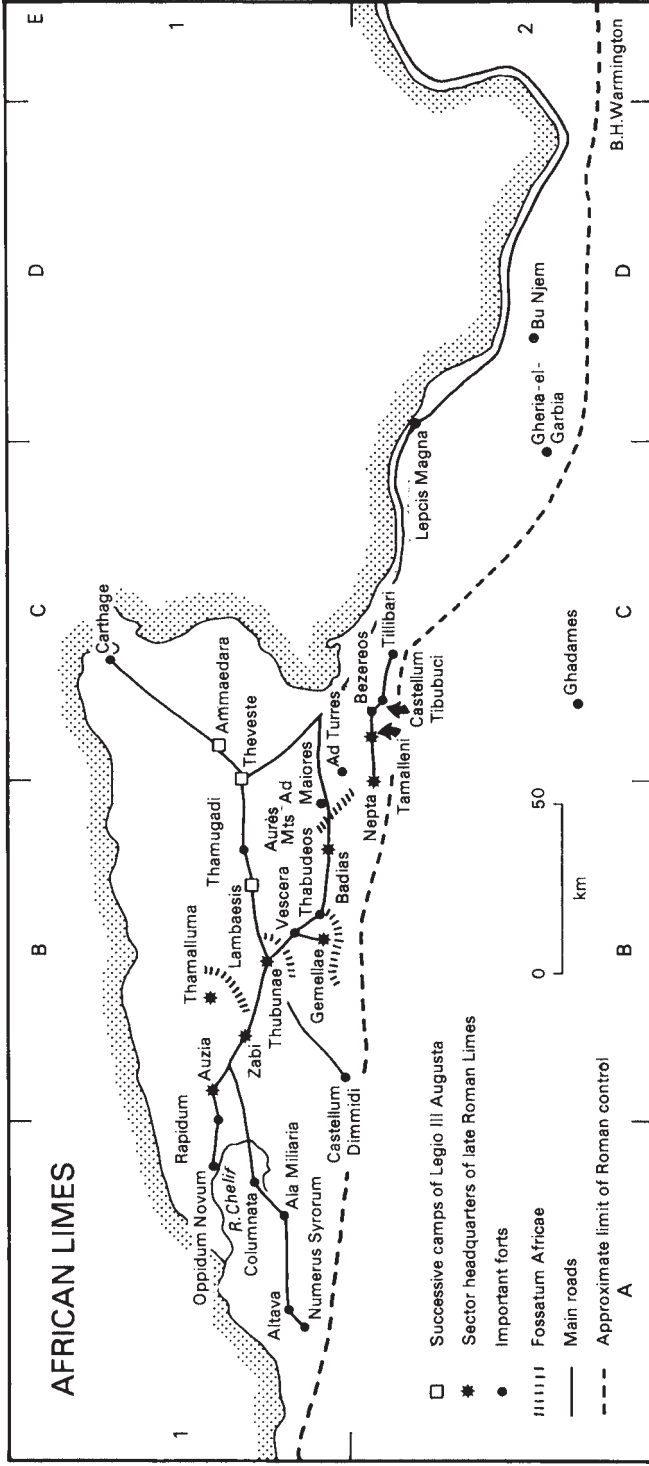
## Timgad

Thamugadi (modern Timgad) has impressive remains which, unencumbered by post-Roman building, reveal the most complete aspect of a Roman colonial city to have survived. Founded in AD 100 as Colonia Marciana Traiana Thamugadi 38 km east of Lambaesis (the base of Legio III Augusta which provided the first settlers) on the road to Theveste, the city was planned like a military camp, being almost square. The perimeter wall was 355 metres per side and contained 111 roughly equal blocks, some occupied by public buildings. As a result of a rapid increase in population, the wall was dismantled within a generation and relatively unplanned expansion occurred, particularly to the west and north. The Capitolium itself was built *c.* 160 outside the original perimeter. The city's public buildings (among them 15 sets of baths) and impressive works of art testify to its wealth, derived from the agricultural resources of the region. Thamugadi became a stronghold of the Donatists, a Christian schismatic movement of the fourth century.



## Lepcis Magna

Lepcis, or less correctly Leptis, Magna (modern Lebda) lies on the coast road 120 km east of Tripoli. A small harbour there on the Oued Lebda had been settled by Phoenicians around 600 BC. In Augustus' time its mixed Phoenician and Libyan inhabitants lavishly transformed it into a city on the Roman model. Some Phoenician institutions were still retained until Trajan gave the community the status of a *colonia*. The initial rebuilding was in the area of the 'old forum'. Further notable expansion took place under Hadrian, but the climax was reached around 200 when the emperor Septimius Severus and his praetorian prefect Fulvius Plautianus—both natives of Lepcis—added yet more magnificent buildings, including a new forum and harbour. Much remains superbly preserved. While the city may have profited from trans-Saharan trade in exotic goods, its wealth must have derived mainly from cultivation of the land between desert and sea. Stagnation set in after Severus' time, and the city's hinterland suffered increasingly from pressure by nomads.



---

## African Limes

---

Rome's African frontier system did not rest upon natural boundaries or defend the empire from a powerful rival. Rather, it delimited flexibly the area north of the Sahara in which an economic and political system of Mediterranean type could flourish. No serious military threat existed, and hence Africa needed fewer troops (about 28,000) than equivalent areas, and the frontier was capable of further extension to the west. The key areas were southern Algeria and Tunisia. The only legion, *III Augusta*, moved from Ammaedara to Theveste under Vespasian, and then to Lambaesis, its final base, under Trajan. During this period the Aurès mountains were penetrated and encircled; the land to the south, from Gemellae eastwards to Tamalleni, was dominated by a series of forts and roads. Probably under Hadrian the *fossatum Africae*—discontinuous stretches of ditch and wall—was built in various places to channel and control natives' movement. The furthest extension of the *limes* as far as Castellum Dimmidi came under Severus, but this addition was evacuated by Gordian III around 240. Irrigation and settlement went hand in hand with the advance of military control, the effective limit being climatic and economic.

In Mauretania Caesariensis auxiliary forts were at first concentrated on the line Auzia-Rapidum and the Chelif valley, until Severus developed a more southerly system. There was no permanent land connection between the Mauretanian provinces. In Tingitana the auxiliary units were relatively numerous and stationed inside the province. Inscriptions imply diplomatic arrangements with a neighbouring tribe outside the empire, the Baquates, between 140 and 280.

Immediately east of Tunisia, Tripolitania had no troops till the late second century when outposts were stationed as far south as Ghadames. From the third century fortified farmhouses here and in Cyrenaica testify to the need for self-protection against increasing nomadic threats, due perhaps to more widespread use of the camel. In the fourth century the entire *limes* (excluding Tingitana) was divided into sectors under *praepositi limitis*.

---

## Greek and Roman Crete

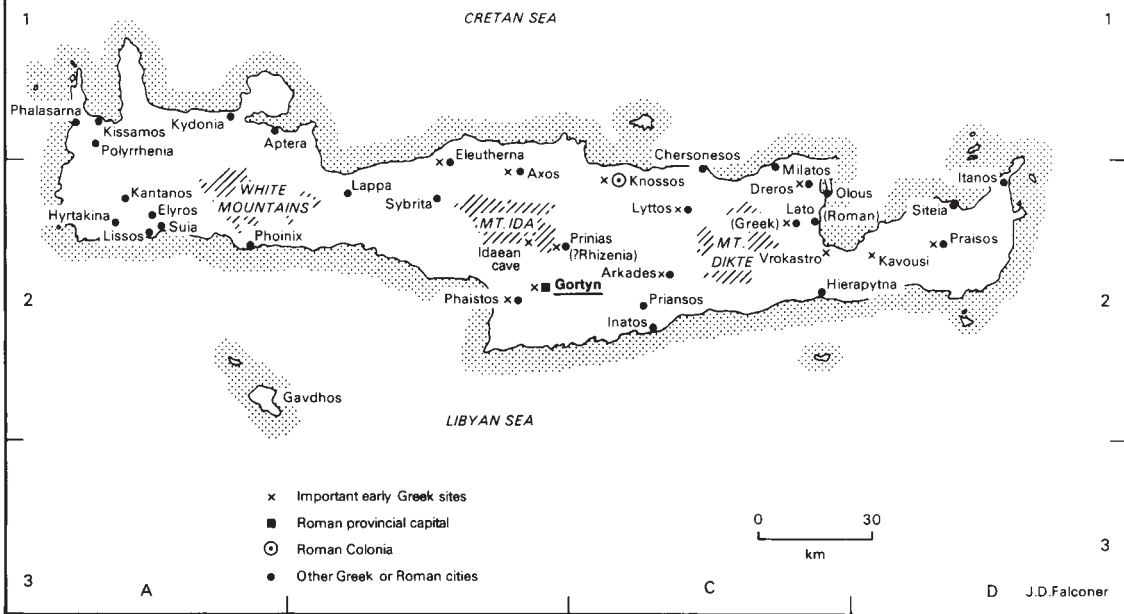
---

Some time after the collapse of the Minoan civilisation (see pp. 4–5), Dorian Greeks settled in Crete beside the survivors of the earlier population, to form that mixture of Cretan peoples—'Achaean, Eteocretans, Kydonians, Dorians and Pelasgians'—described in *Odyssey* 19. 175–7. In the tenth and ninth centuries conditions seem to have been harsh, and there was continued occupation of some of the inaccessible hilltop sites like Vrokastro and Kavousi that had first been occupied by Minoan refugees. By the eighth century, however, several new Dorian cities had been founded, so that in the seventh century Crete was a prosperous island of independent cities, in which the arts flourished sufficiently to influence developments throughout the Greek world. These communities of archaic Crete were also the first in Greece to introduce written codes of law.

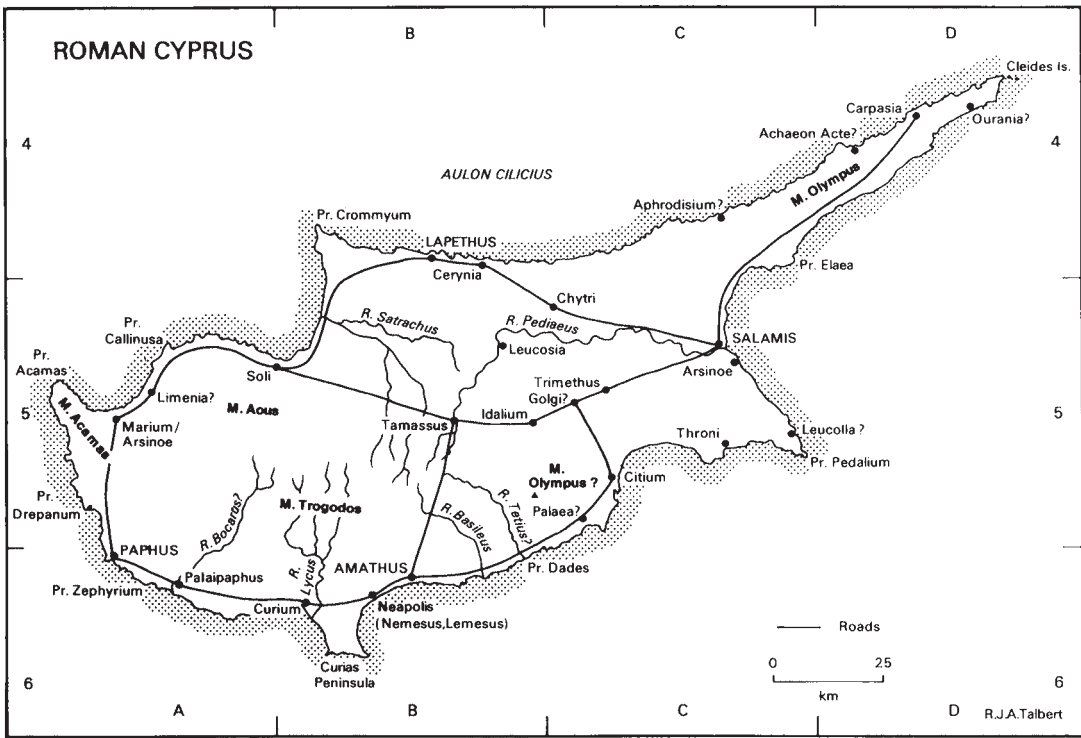
Such prosperity seems to have come to an abrupt end in the sixth century. From that time on Crete never again occupied a comparably dominant position in either the historical or the archaeological record. From the fifth century until the Roman conquest in 67 BC the island suffered from frequent inter-city wars, in which the larger communities of Kydonia, Knossos, Gortyn and Hierapytna fought to increase their power over the weaker ones. During this period settlement was concentrated in walled cities occupying strong positions on hill tops.

The Roman conquest was carried out by Q. Caecilius Metellus in 69–7 BC, following accusations that the Cretans were guilty of piracy and were helping Mithradates in his fight against Rome. After the annexation Gortyn became the provincial capital, and Crete was combined with Cyrene to form a single province—an arrangement which continued into the third century AD. In the peaceful conditions under the Principate, settlements in low lying and coastal areas became more common. A certain prosperity is indicated by the building of a number of country villas in the second and third centuries.

# GREEK AND ROMAN CRETE



# ROMAN CYPRUS



---

## Roman Cyprus

---

Roman annexation of the Greek island of Cyprus in 58 BC followed two-and-a-half centuries of Ptolemaic rule. The island was first administered with Cilicia; Julius Caesar and Antony returned it to Egyptian rule. But Octavian claimed it permanently for Rome after his victory at Actium, and from 22 BC onwards it constituted a separate senatorial province divided into four districts centred around Paphos, Salamis, Amathus and Lapethus. Paphos, famous for its temple of Aphrodite, was developed as the administrative capital of the island and seat of the provincial *koinon* or council. Salamis, however, with its harbour and fertile hinterland was the largest and most cosmopolitan city, and the main commercial centre. It exported the island's principal products—copper, timber, corn—and was well situated to exploit trading opportunities with Syria, Judaea and Egypt. Copper mining, under state control, was concentrated on the coastal strip between Marium and Soli and in the rugged interior at Tamassus. The island did suffer occasional earthquake damage, and it was also greatly disturbed by its sizeable Jewish population at the time of the Jewish risings throughout the east late in Trajan's reign. Yet archaeological findings taken together with meagre literary and epigraphic evidence do confirm the general impression that under Roman rule Cyprus was a quiet, comparatively prosperous backwater.

---

## Bithynia and Asia c. AD 100

---

Competition for status and its rewards was a prominent feature of Greek society, in public as in private life. The map illustrates the local government structure of two provinces and shows the major status categories competed for by cities.

In the case of Asia the cities are relatively well known from copious inscriptions of the late Hellenistic and early imperial periods. For Bithynia in the time of Trajan unique literary evidence is available: Pliny's official correspondence with the emperor while governor c. 109–11 is complemented by the political speeches of Dio Chrysostom concerning

both the troubled internal affairs of his native Prusa in the years preceding Pliny's appointment, and the rivalries between Bithynian cities over points of honour.

In material terms the most valuable positions a city could hold were those of 'temple warden' (*neokoros*) and assize centre (*dioikesis/conventus*). The former title was officially held by cities which possessed a provincial temple of the imperial cult. In this capacity they hosted games which accompanied the cult and attracted crowds of visitors. Meetings of the *koinon*, the provincial congress responsible for the cult, were also held there. Assize centres were regularly visited by provincial governors to conduct judicial business. Litigants who required a hearing before a Roman tribunal had to travel to such a centre, and were naturally a source of prosperity to the community concerned. Paradoxically, however, some of the bitterest disputes involved not these positions, but the prestigious, though largely empty titles of *metropolis* and *prote* ('first city'). Dio deals with just such a wrangle between Nicomedeia and Nicaea in his *Oration* 38. In the imperial period *metropolis*, which had originally signified the mother city of a Greek colony, came to be a title for the chief city of a province or region.

A few cities of the Greek east were absorbed by settlements of Roman veterans in the great demobilisations of Augustus' time, and thereby acquired the status of a Roman *colonia*, free from tribute and generally from interference by proconsuls. A number enjoyed the status of 'free city', which covered a range of different relationships with Rome, from nominal independence guaranteed by treaty or decree to more limited local autonomy dependent upon the emperor's goodwill. Finally there were areas where Greek institutions had not yet penetrated, and the people were still organised in tribal communities. However, there are several places marked which owed to imperial policy their development from tribal market centre to hellenised city. Such transformation was usually commemorated—at least temporarily—by the adoption of a dynastic name (like Flaviopolis, Trajanopolis).



# BITHYNIA AND ASIA c. A.D. 100



---

## Roman Asia Minor

---

The geographical centre of Asia Minor—in ancient terms Phrygia, Galatia, Lycaonia and western Cappadocia—consists of a rolling plateau at an average altitude of 1,100 metres, drained by the Sangarius and Halys rivers and by lakes of varying salinity; rainfall is low, and winters severe. This plateau is bounded to the north by the Paphlagonian mountains; their wooded northern slopes drop to a narrow coastal plain. Southwards the Taurus range begins in Lycia, runs roughly parallel to the coast and finally, east of the Cilician Gates, merges into the mountain mass 300 km wide which separates the Pontic coast from the Cilician and north Syrian plains. Westwards the plateau and the Pisidian mountains are broken by large river valleys, notably those of the Maeander, Hermus and Sangarius: these made Lydia, Mysia and Bithynia the richest parts of Asia Minor.

Serious Roman interest began here with the war against Antiochus III. Victory in 190 BC left Rome as arbiter of the peninsula. The Seleucids were generally confined to Cilicia, while native kings were retained in control of Cappadocia and the northern seaboard. Of Rome's allies, Rhodes was given territory in Caria and Lycia, and the small but well organised kingdom of Pergamum was encouraged to expand inland to fill the vacuum left by Antiochus' withdrawal.

In 133 Attalus III of Pergamum bequeathed his kingdom to Rome, and its richer and more accessible parts became the province of Asia. In 74 a similar bequest by Nicomedes III led to the formation of the province of Bithynia. On the south coast the province of 'Cilicia', which originally consisted mainly of Pamphylia, had been set up to curb pirates. But until Pompey's campaign against them in 67 and his subsequent rearrangement of the east, there was no continuous and effective Roman presence here, so that Cilicia in the strict sense remained nominally Seleucid property. After the defeat of Mithradates of Pontus by Pompey, most of his kingdom was added to Bithynia.

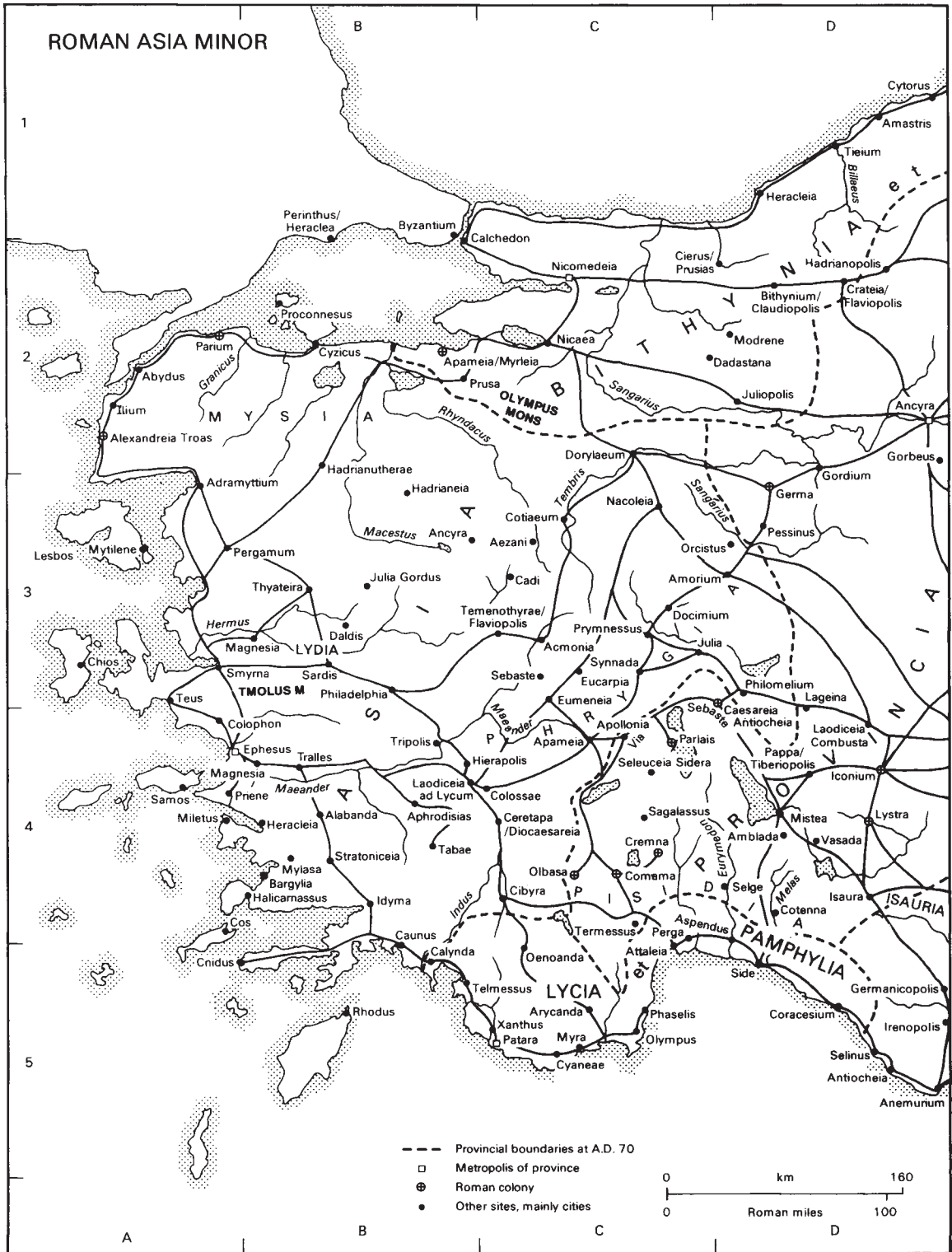
Next, in 25, Amyntas of Galatia bequeathed his kingdom—including much newly captured territory

that was ethnically Pisidian, Phrygian, Lycaonian and Isaurian—to form the basis of a new imperial province of Galatia. Cappadocia was taken over early in Tiberius' reign. Initially it was controlled by a procurator, though later it was attached to Galatia, and finally became a separate imperial province under Trajan. Lycia and Pamphylia, after 250 years of experiments with different forms of government, were definitively annexed only under Vespasian. He also reinstated the province of Cilicia, which for more than a century had formed part of Syria. Thereafter, except for minor adjustments, this pattern of provinces remained intact until Diocletian's reorganisation.

Within the province of Asia certain cities were designated as district (*conventus*) centres where the governor on circuit would hold assizes. No doubt this system applied further east too, but there is little evidence for its organisation. In more developed areas cities on the Greek pattern were usually the main unit of local government, and new cities continued to be created into the Byzantine period. Elsewhere the tribe was the unit of government rather than the city; there were also large imperial estates that never acquired city status. Roman colonies were rare, apart from a group founded by Augustus to hem in the turbulent Pisidians.

The Roman road system began as a regularisation of existing routes, though at any rate the Via Sebaste, linking Augustus' Pisidian colonies, as well as stretches near the Euphrates frontier, were built specifically for military purposes. The Peutinger Table and the Antonine and Jerusalem Itineraries show the network as it existed in the fourth century AD. Milestones are common, even if their value may be reduced by the tendency of engravers to omit distances, and by the old Turkish habit of transporting such stones for reuse as grave markers. Though recent work has brought significant advances in understanding, the road pattern shown remains far from definitive, especially in Cappadocia.

# ROMAN ASIA MINOR

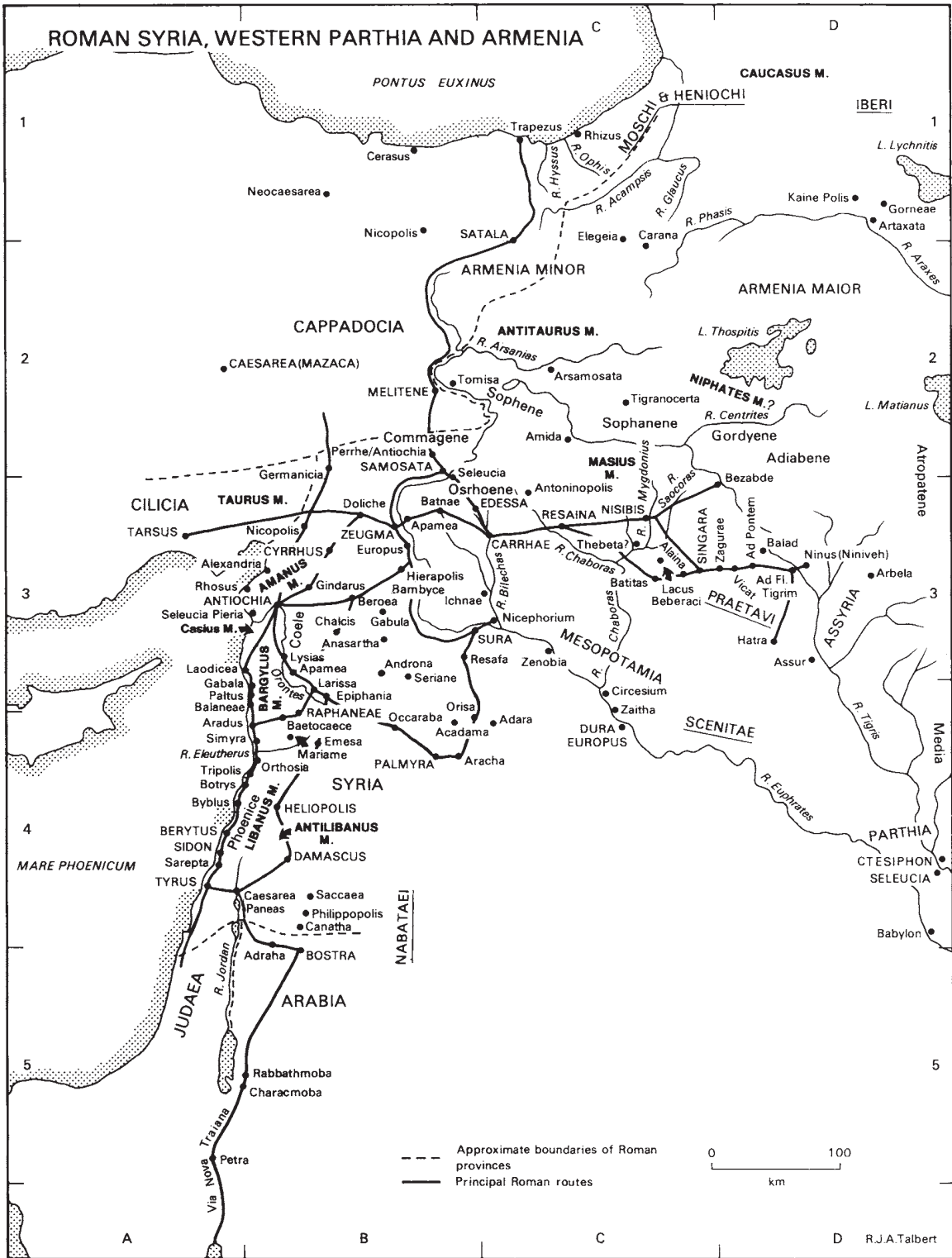


- Provincial boundaries at A.D. 70
- Metropolis of province
- ⊕ Roman colony
- Other sites, mainly cities

0 km 160  
 0 Roman miles 100



# ROMAN SYRIA, WESTERN PARTHIA AND ARMENIA



---

## Roman Syria, Western Parthia and Armenia

---

In ancient times Syria was the name given to the fertile strip along the entire eastern shore of the Mediterranean, from the Taurus Mountains to Egypt. It was held by Seleucids prior to annexation for Rome by Pompey in 63 BC. Thereafter its south west region was always separately administered—from AD 70 as the regular province of Judaea. The south east region, beyond the R. Jordan, was not directly controlled by Rome until AD 106 when the rule of its Nabataean kings came to an end, and it was then made the province of Arabia, governed from Bostra. In Roman parlance, therefore, the name 'Syria', came to be associated with the more fragmented northern region, to which Commagene was added from AD 72. Behind the narrow coastal plain here lie two parallel chains of mountains, broken at several points, and separated by valleys along which the R. Orontes flows northwards, the R. Jordan southwards. Beyond the mountains there come vast tracts of desert, which give Syria no defined frontier to the east; to the north the R. Euphrates marked the border. The prosperity of the cultivable regions derived from vines, olives, fruit and vegetables; the weaving of linen and wool were important, too, together with dyeing. The province also gained wealth from importing silk and other eastern luxury goods by caravan across the desert. Despite the unusually high duty of 25 per cent imposed on eastern imports by Rome, the trade continued to flourish. It encouraged the growth of communities on the edge of the desert (especially Damascus), and at oases (especially Palmyra), as well as seaports on the Mediterranean coast. Apart from these exceptions, however, Syria was hardly urbanised; its territory remained rural, with the village as the centre of local life. The great majority of the population continued to speak Syriac, and were little influenced by Greco-Roman culture.

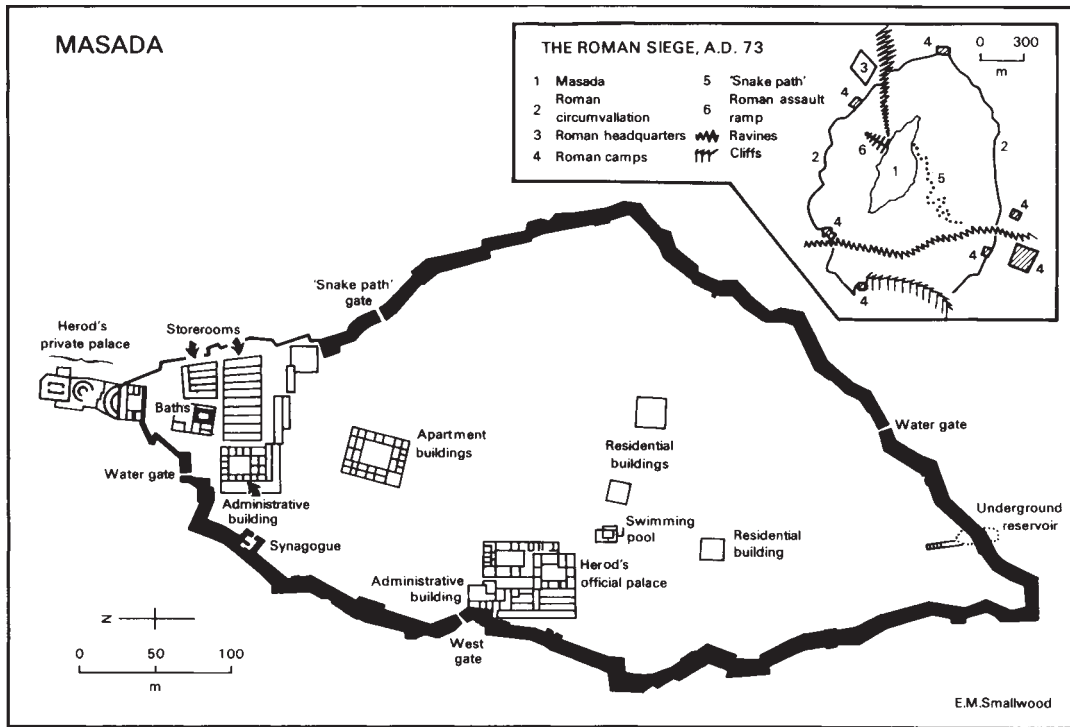
As one of Rome's most splendid possessions Syria was governed by a senior consular in command of a substantial garrison, much of it recruited

locally. The capital, Antioch, ranked among the greatest cities of the empire. At the end of the second century Septimius Severus divided the province into two—Coele to the north, governed from Antioch; Phoenice to the south, governed from Tyrus. Further division followed in the late third century.

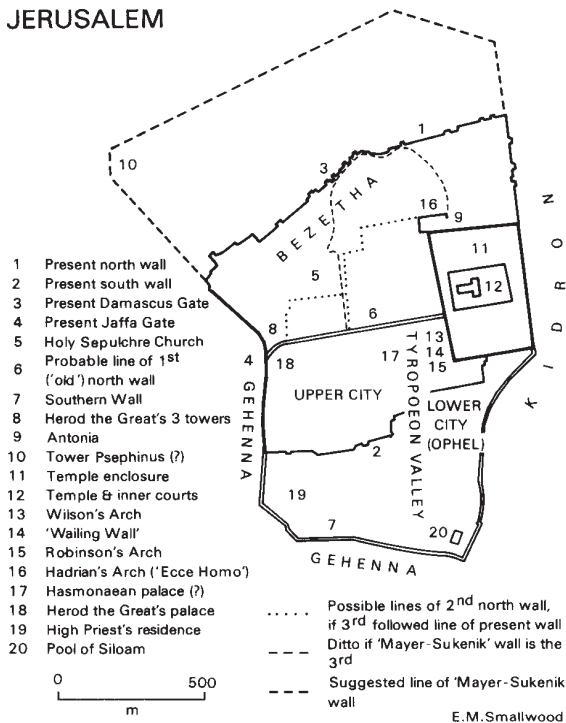
East of Syria lay another part of the Seleucid inheritance, the Parthian empire. The attractive area closest to the Roman province, the north west of the Mesopotamian plain, was ruled by Parthian vassals, the princes of Osrhoene, from their capital at Edessa. The Parthian capital itself, Ctesiphon on the R. Tigris, lay far to the south, and its realm stretched on into the infinite distance, beyond the Caspian Sea. Although Parthian power was potentially a grave threat to the Roman empire, the state was for long in practice so weak and divided that Rome—her resources already strained elsewhere—seldom sought any permanent commitment beyond the R. Euphrates. Only from the late second century was northern Mesopotamia kept under regular occupation. Thereby Rome was at last enabled to station troops within striking distance of Ctesiphon, while at the same time acquiring a base for domination of Armenia.

The strategic situation of this mountainous, undeveloped land had always made the allegiance of its rulers a matter of concern to both Parthia (which enjoyed close ties of race and culture with its people) and Rome. But despite certain more or less successful forays, Rome failed to hold any of the country until Diocletian's time (when an area on the upper Tigris was gained), and would usually exert influence there only by diplomacy. In any event, before the mid-third century, with the displacement of her Arsacid kings by Sassanids, Parthia's conflict with Rome had entered a new phase. She became unprecedentedly aggressive. Armenia, Mesopotamia and Syria were all overrun, and the emperor Valerian captured by Sapor I in 260. Rome's position was restored only with great difficulty.





## JERUSALEM



## Jerusalem

Jerusalem had the protection of the deep, steep-sided valleys of Kidron and Gehenna to the east, south and west: these acted as vast natural fosses in front of the city walls and of the east wall of the Temple enclosure, which was itself part of the fortifications. On the north there was only manmade protection. The first north wall was Hasmonaean. The second was possibly built in the latter part of the first century BC by Herod the Great, who strengthened the north west angle with three massive towers. The line of this wall is conjectural, but it is known to have run from near Herod's towers to Antonia, his new fortress built for the protection of the Temple on more or less the same site as two earlier ones. These two walls were not demolished when Agrippa I planned a new north wall (not actually completed until early in the war of AD 66-70) to enclose the growing suburb of Bezetha. Some scholars hold that this new wall followed roughly the line of the present sixteenth-century wall, but evidence

is accumulating for the more northerly line of the wall, named 'Mayer-Sukenik' after the archaeologists who found the first traces of it.

Robinson's Arch at the southern end of the western wall of the Temple enclosure supported a broad stairway leading down to the Tyropoeon or Cheesemakers' Valley. Wilson's Arch is the first arch of a viaduct leading across the valley to the Upper City. Josephus describes the city, its fortifications, and the Temple in his *Jewish War* 5.136–247.

---

### Masada

---

Masada is a rock plateau rising 366 metres from the narrow plain between the Dead Sea and the Judean mountains, with access only by the dangerous 'Snake Path'. Herod the Great strengthened the earlier Hasmonaean fortress by building a casemate wall round the cliff edge except at the northern tip, where the precipices are almost vertical. There, on three descending rock terraces, he had a small private palace. Large, well-stocked storerooms and numerous reservoirs, mostly in the cliffs, fed by an aqueduct from a wadi on the west and by occasional rain, enabled the fortress to stand a long siege. During the war of AD 66–70 the Sicarii took possession of Masada, converting the casemates into dwellings. In 73 the Romans invested the fortress with a circumvallation (except where the terrain made penetration impossible) and eight camps. They then used a projecting rock bastion on the west as an assault ramp, raising it with stone and timber to the level of the wall, which they breached with battering rams. From 73 the Romans maintained a permanent garrison in the besiegers' headquarters camp. A description of Masada and an account of the siege are given by Josephus, *Jewish War* 7.275–406.

---

### Palestine

---

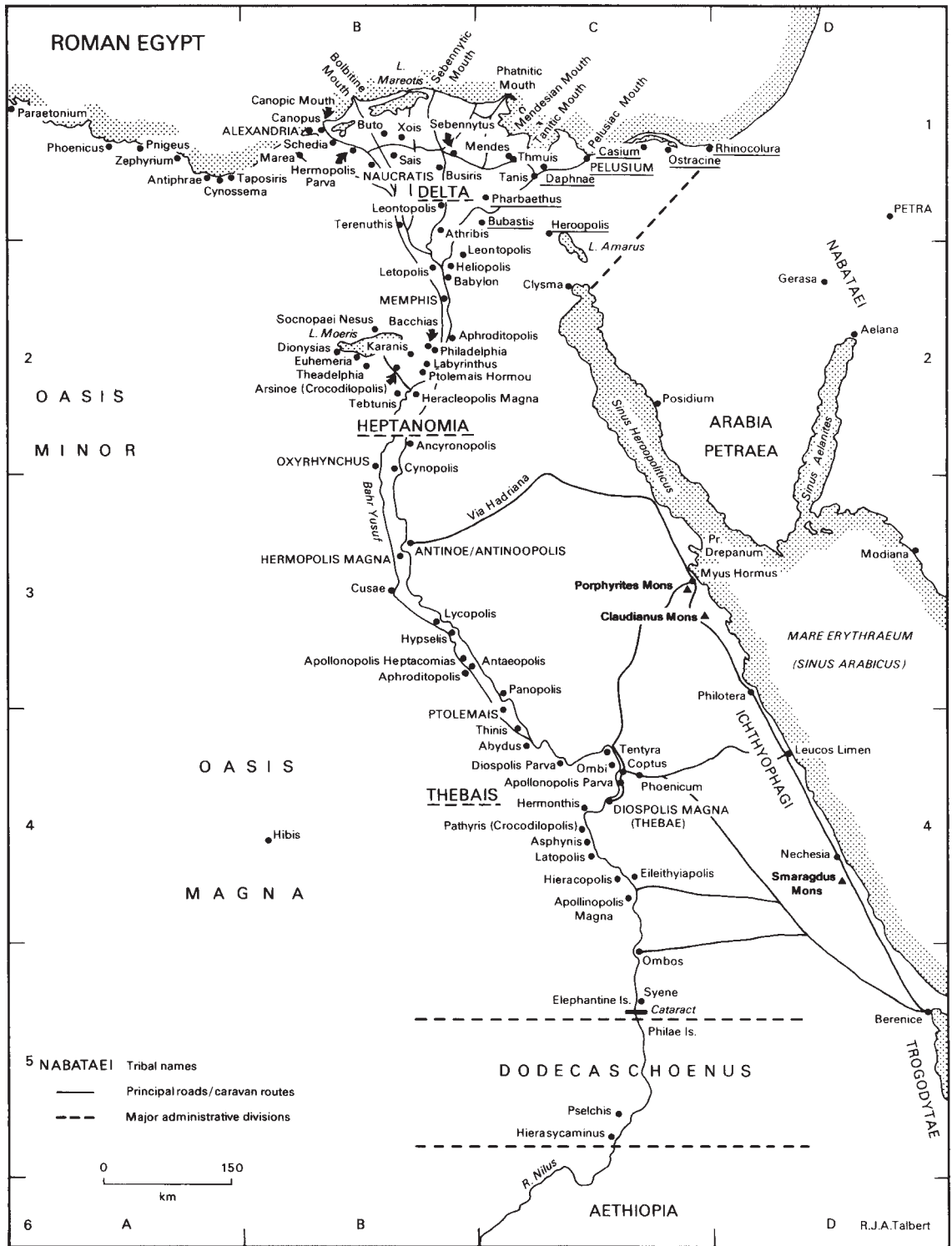
When the Jews under the Hasmonaean dynasty achieved political independence from Seleucid Syria in the mid-second century BC, their territory con-

sisted of Judaea only, cut off from the sea by the line of Greco-Syrian (formerly Phoenician) cities along the coast. A period of rapid territorial expansion followed. By the death of Jannaeus in 76 BC Jewish dominions comprised Galilee (which had a considerable Jewish population before annexation), Samaritis (where a schismatic form of Judaism was practised), Idumaea (which was forced to accept Judaism), Peraea, the coastal cities, and some other Greco-Syrian cities in northern Transjordan. The boundaries between these and the other various districts comprising Palestine are not known for certain, and consequently are left unmarked on the map.

In 63 when Pompey turned Palestine under its last Hasmonaean king into a client kingdom, the Jews' cities in northern Transjordan were removed from their control and linked with others as the semi-autonomous Decapolis. The Idumaeen Herod the Great, who was put on the throne by Rome in 40 BC, had Ulatha, Paneas and extensive territory to the north east added to his kingdom in the course of his reign. When he died in 4 BC, his kingdom was divided between three of his sons: Philip ruled the north eastern territories till his death in AD 34; Antipas ruled Galilee, Samaritis and Peraea until 40; Judaea and Idumaea were ruled by Archelaus until 6, when his oppression provoked his subjects to ask for annexation by Rome. In consequence the province of Judaea was established.

Next, in 37 Herod Agrippa, a grandson of Herod the Great, was appointed king of Philip's former territory, while in 40 Antipas was deposed and his realm, too, was put under Agrippa. Then in 41 the Roman province of Judaea was added to Agrippa's kingdom. Finally on his death in 44 Roman Judaea was reconstituted and enlarged to include all the former territories of both Agrippa and Antipas. This arrangement remained permanent. Neither the first Jewish revolt in 66–70, nor the second in 132–5, resulted in territorial alterations to the province. However in 135 it was renamed Syria Palaestina, and Jerusalem was refounded as the Greek city of Aelia Capitolina, from which Jews were excluded. Praetorian legates superseded equestrian procurators as governors from 70.





**ROMAN EGYPT**

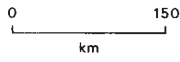
**OASIS  
MINOR**

**OASIS  
MAGNA**

**DODECASCHOENUS**

**AETHIOPIA**

- 5 **NABATAEI** Tribal names
- Principal roads/caravan routes
- - - Major administrative divisions



---

## Roman Egypt

---

Egypt was annexed by Octavian in 30 BC and as a Roman province was closely controlled by the emperor through equestrian officials; senators were never appointed to posts there. The framework of the existing Ptolemaic organisation was retained, thus making for a tighter degree of supervision than Rome exercised over any other province. Uniquely detailed insight into the life of Roman Egypt is afforded by papyrus records preserved in the dry climate. Two legions (reduced to one from the early second century) and a fleet were based at Alexandria, though soldiers from the former were deployed throughout the country, and ships from the latter policed the R.Nile. For administrative and fiscal purposes the province was divided into three large districts—Delta, Heptanomia, and Thebaid; to the last of these was also joined the frontier zone of the Dodecaschoenus beyond the natural barrier of the First Cataract. Each district was headed by an *epistrategus*, and subdivided into a dozen or more *nomes*, the responsibility of a *strategus* and his assistant the Royal Scribe. The principal community of each nome ranked as a *metropolis*, enjoying some privileges and limited civic services provided by annually elected magistrates from the superior ‘gymnasium’ class, but otherwise controlled by the *strategus*; town councils were not instituted until the early third century. The other communities of each nome, the villages, were wholly under the supervision of the *strategus*. The limited number of Greek cities lay outside the nome structure and in every respect formed the most privileged communities of the province—the capital Alexandria, with its mixed Greek and Jewish population and the only good harbour on the coast of the Delta, ranking as the most privileged of all; Naucratis; Ptolemais; and the Hadrianic foundation of Antinoe/Antinoopolis.

Like the lands adjoining it, Egypt was almost all desert. The only fertile areas were the marshy lands of the Delta (where papyrus was principally grown), the country around Lake Moeris (the modern Fayum), and a narrow strip either side of the Nile. In consequence the river was the focus of the whole province and its annual inundation vital to general prosperity: the level was predicted at Elephantine Island from a ‘Nilometer’, or gauge, which survives. The flooding—at its greatest extent during October—both refertilised the land and watered crops. Regular maintenance of dykes, embankments and canals was so vital to the country’s economy that five days’ labour at this work was required annually from every native male.

Rome valued and exploited Egypt above all for its agricultural produce—chiefly cereals in sufficient quantities to fill whole convoys of vessels, but in addition vegetables, olives, vines and flax. Animals were raised, and there was also some quarrying and mining (notably for gold in the south east of the province). Highly lucrative, too, was the province’s trade with Arabia and India through its Red Sea ports. Luxury goods landed there (and attracting a special duty of 25 per cent of their value) were transported by caravan to the Nile, and then shipped to Alexandria for re-export elsewhere in the empire. The manufacture of perfumes, ointments and medicines was well developed in consequence. In the long term, however, Roman rule of Egypt during the Principate was damaging both to the condition of the country and to the welfare of its people. The land was drained of resources. The vast majority of its inhabitants, the native Egyptians, was kept firmly at the bottom of a rigid class system, exploited, over-taxed and in complete subjection.

---

## The Roman Empire in AD 211

---

The attempts made towards further extension of the empire during the century-and-a-half between 60 and 211 were just as impressive as those of the Julio-Claudian period. But by no means all the territory gained could be held. Following the deaths of the client kings of Pontus (64) and Commagene (72), the Flavian emperors took the opportunity to extend and consolidate the eastern provinces; the legions on this frontier were also increased in number and redeployed. In Germany the former two military areas were formally established as Upper and Lower provinces, and the 'Agri Decumates', territory forming a dangerous re-entrant angle between the Rhine and Danube, was annexed. The frontier line was thus shortened considerably, and the garrison reduced. In Britain the conquest of England and Wales was completed, and during the 80s forces under Agricola even penetrated deep into Scotland; but this initiative was not followed up. At the same time the Danube frontier came under intense pressure from tribes north of the river. For security the single provinces of Pannonia and Moesia were each divided, and an earth wall raised across the Dobrudja plain. The situation was stabilised only after two campaigns by Trajan (101–2 and 105–6), which resulted in the annexation of Dacia as a protection for the lower Danube area. In the east the improved Flavian frontier was rounded off with the annexation of Nabatea as the new province of Arabia in 105–6. About five years later Trajan made Parthian interference in Armenia his pretext for attempting to gain full control of the country, which Nero's legate, Corbulo, had over-run previously about 60 (with the purpose of handing it over to a client king). In 113/14 Trajan enjoyed similar success, but was then rashly encouraged to proceed further, sweeping as far south as the Persian Gulf, which he reached by the end of 115. Yet these new territories were too vast to hold: rebellion here, and unrest elsewhere in the empire, prompted their immediate abandonment by Hadrian on his accession in 117. In deliberate contrast to Trajan he pursued a strict policy of everywhere consolidating the empire and its frontiers, even to the extent of building a massive

118 km wall from Tyne to Solway to mark the northern limit of Britannia. His successor, Antoninus Pius, permitted a modest advance to the shorter Forth-Clyde line, where a turf wall was built and held for a brief period. Elsewhere general peace and stability continued into the 160s. They were then shattered first in the east, where Parthia once again seized Armenia. It was recovered only after a long struggle, and for its protection part of Upper Mesopotamia was now kept under Roman control. Next, M.Aurelius' struggle to repulse German tribes which swept across the upper and lower Danube deep into the empire, led him from 170 to attempt the subjugation of central and south eastern Europe north of the river, the territory of the Marcomanni, Quadi and Iazyges. His efforts might have been successful if a bid for the Principate by Avidius Cassius in 175 had not forced him to rush to the east. He returned to the Danube frontier in 177 to spend the last three years of his reign fighting the tribes north of the river, and again came close to subjugating them. But his son and successor, Commodus, preferred to abandon the campaign and make peace.

Septimius Severus, who emerged as victor in the civil wars of the 190s, attacked Parthia in retaliation for its support of his first rival, Pescennius Niger, and extended Roman control of Mesopotamia, which he made into a new province. In north Africa the security of the desert frontier was improved. Efforts to add Scotland to the Roman province of Britain were unsuccessful, however, and were not continued after his death at Eburacum (York) in 211. Since the substantial concentrations of legions in Syria and Britain had formed the support of his two main rivals, Severus split each of these provinces into separate commands, so that in future no governor should have control of more than a pair of legions. By raising three new ones he brought the total number of legions above thirty for the first time since the beginning of the Principate. He also broke with precedent by stationing one in Italy, at Albanum just south east of Rome, for deployment as a reserve or 'field army', with no responsibility for any particular area.

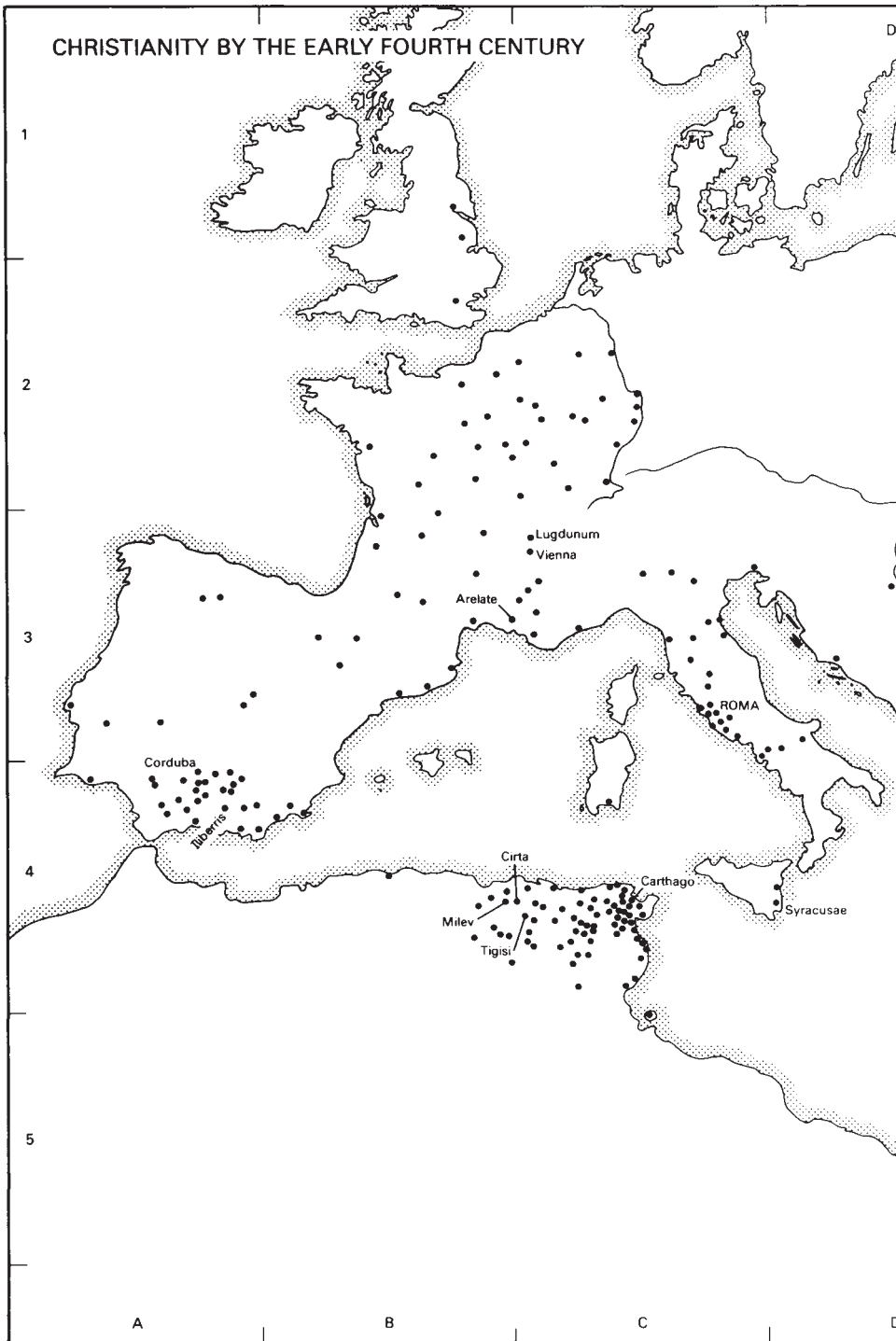


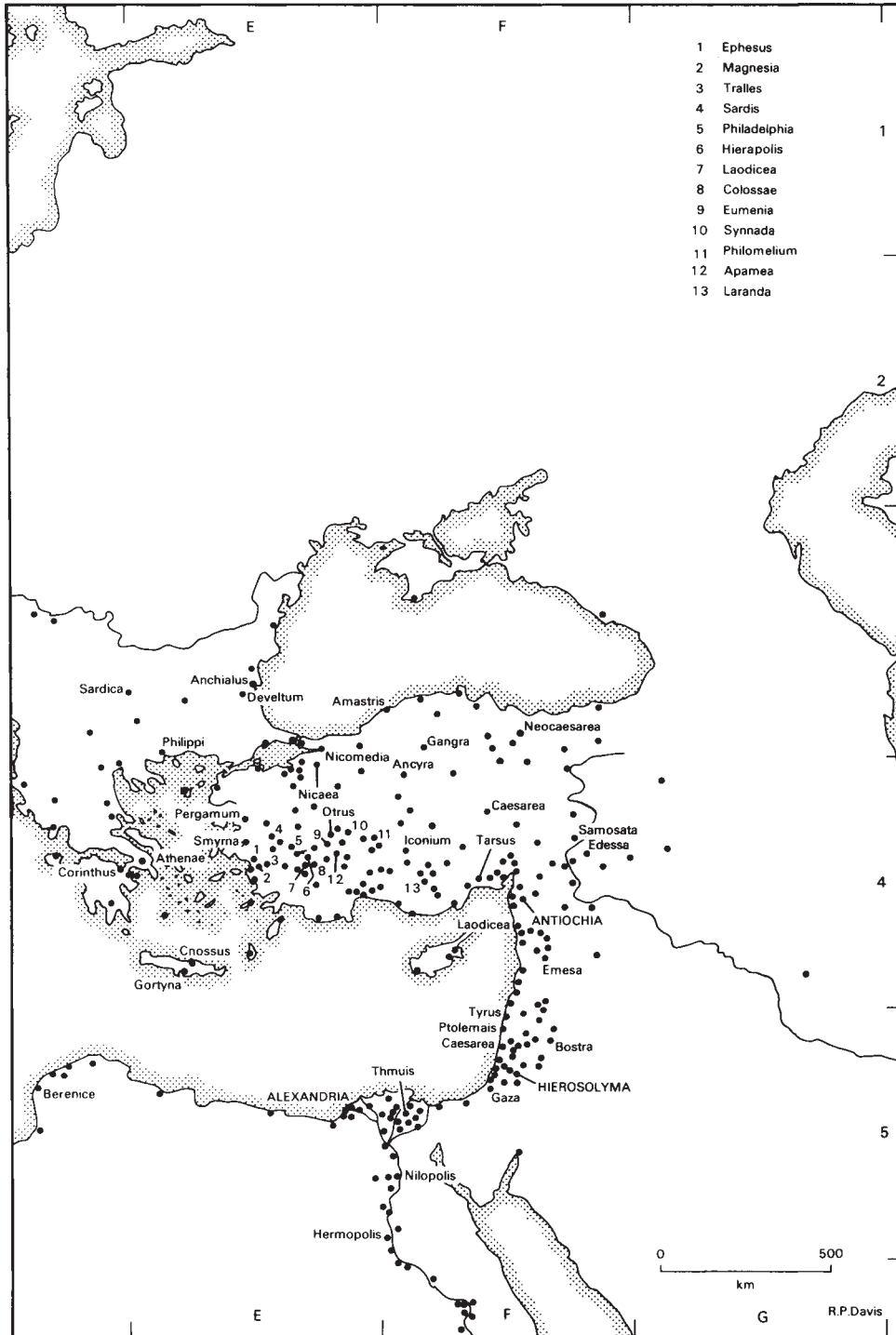
# THE ROMAN EMPIRE IN A.D. 211





# CHRISTIANITY BY THE EARLY FOURTH CENTURY





---

## Christianity by the Early Fourth Century

---

As with other forms of religion, it is impossible to map the Christian beliefs of individuals: the best which may be done is to chart the spread of organised churches, that is to say, of groups of Christians sufficiently numerous and stable to have regular meeting places for worship. In practice this means plotting on a map those places which are known, or may on reasonable evidence be assumed, to have had a bishop by the period in question. In this instance the latter may be defined as the time of the emergence of Christianity to full toleration and active imperial support during the reign of Constantine: he controlled Gaul and Britain from 306, Italy and Africa from 312, and the whole empire from 324 until his death in 337. At this stage Christians were possibly somewhere around 10 per cent of the population.

This procedure has its drawbacks. First, there is little doubt that individual Christians could be found in almost every town in the empire at a fairly early date: indeed, writing in about 200, Tertullian was able to claim that Christians were to be found even in parts of Britain inaccessible to the Romans. But any attempt to map the presence of individuals from scanty literary or archaeological evidence would be so random as to prove meaningless. Not even the record of a martyrdom at a given city is necessarily proof of an organised Christian community there.

Second, the evidence for the existence of bishoprics is itself far from complete. Most useful here are the lists of bishops who attended, or accepted the decisions of, church councils—held at Carthage in 256, Elvira (Iliberris) about 306, Rome in 313, Arles (Arelate) in 314, Nicaea in 325 and Sardica in 343—though with all these lists it should be noted that difficulties of topographical identification often arise. The Council of Nicaea seems to have been attended by the majority of eastern bishops, so that our picture of bishoprics for the eastern

provinces may be taken as relatively complete. But some of the other councils were more localised: thus it is from the signatures of the councils of Carthage and Elvira that the clusters of bishoprics in Africa and southern Spain emerge. Recent studies of Sardica mean that information on Gaul is relatively good; yet evidence for the Danubian provinces remains thin. It is certain, too, that there were many more bishoprics in Italy than can be located: 60 Italian bishops apparently attended a council held at Rome in 251, though no list survives. Records of councils may be supplemented to some degree from literary sources, in particular Eusebius' *History of the Church*. As far as possible all the place names given by Eusebius have been marked on the map, along with other cities where councils were held, or which assume significance in early Christian history for different reasons.

Important facts emerge from the picture which results. Little progress had been made in evangelising the non-Roman world. In the early fourth century Christianity was still more widespread in the eastern provinces than in those of the west (apart from Africa). And it was predominantly an urban religion: hence the new meaning which the word *paganus*, a villager, was to acquire. Bishoprics were urban; their territory generally corresponded to the civil territory of the city. A hundred years later virtually all the cities of the empire had gained bishoprics, but the process was far from complete at the date of this map.

Some forms of higher jurisdiction had already begun to develop by the fourth century: the bishop of a provincial capital was coming to outrank his fellow provincial bishops, and to be known as the metropolitan (or 'archbishop') of his province. Equally, the Council of Nicaea recognised that the bishops of Rome and Alexandria had statuses not confined to the current civil provinces where their cities lay.

---

## The Dioceses and Provinces of the Roman Empire in AD 314

---

By the death of Septimius Severus in 211 there were about 46 provinces (reckoning Italy as one). Subdivision continued through the third century. Thus Crete seems to have been hived off from Cyrene before the middle of the century, while a province of Phrygia et Caria was carved out of Asia in the 250s; in Gaul the province of Novem Populi may date from the same period. With the loss of the trans-Danubian territories, Aurelian (270–5) gave their name of Dacia to a new province created out of parts of Moesia Inferior and Superior and Thrace. He also began the reorganisation of Italy, while in his reign or shortly afterwards Bithynia was divided from Pontus. Other divisions, too, may have been made before 284.

This process was significantly encouraged by Diocletian (284–305) as part of his wide-ranging reforms: civil administration could thus be tightened up. Following some further divisions a peak was reached around 314 with approximately 101 provinces—including the divisions of Italy, whose special status had been ended by Diocletian. A record of the provinces at that date survives in a somewhat corrupt form in a manuscript preserved at Verona. The map is based on this ‘Verona List’, with the minimum necessary corrections. It should be appreciated that precise provincial boundaries are often uncertain (particularly so in Britain), and that the identification of provincial capitals is not equally secure in every case.

To provide greater supervision over the increased number of governors, Diocletian had further grouped the provinces into 12 ‘dioceses’. In the 320s Constantine divided the diocese of Moesia into two, styled Thracia and Macedonia, the latter consisting of the provinces from Epirus Nova and Macedonia southward. But there is evidence that Constantine considered the process of provincial division to have gone too far. Before the end of 314 the two Numidian provinces (created in 305) had been reunited, and it seems that subsequently some of the separate provinces in Dacia, Macedonia and Thracia (perhaps also in Pannonia, Hispaniae, Britanniae and other dioceses) were suppressed.

However, most of the suppressed provinces were reinstated later in the century, not always with the same names.

Under Diocletian’s arrangements, each province was governed by an equestrian *praeses*, although the proconsulships of Africa and Asia were still senatorial posts, and the governors of the Italian districts, Sicilia, and Achaia, called *correctores*, could also be senators.

Each diocese was ruled by an equestrian *vicarius* (deputy of the equestrian praetorian prefects), except that the Italian diocese from the Apennines southward, along with the islands, was effectively not controlled by the *vicarius* of Italia, but by a *vicarius* at Rome. In addition to its vicar, each diocese had one or more *rationales* and *magistri* responsible for those aspects of financial affairs outside the control of the praetorian prefects and their vicars.

Senators now played little part in administration. From the time of Gallienus (254–68) they were finally excluded from the command of legions, and were probably no longer appointed as governors of garrisoned provinces, where the armies were placed under *duces*. Perhaps because he found that provinces were now inconveniently small for governors to deploy their forces adequately, Diocletian arranged for the *duces* to control rather larger areas. In effect he thus began the total divorce of civil and military commands; however, the process remained incomplete at his abdication, with some provincial governors (though never senators) still retaining military command. Yet Constantine did complete the change. Under him, not merely provincial *praesides* and diocesan *vicarii*, but even the praetorian prefects, lost all direct military responsibilities. He also laid much stress on the development of the hitherto small ‘field armies’—the *comitatenses*, as opposed to the *limitanei* or frontier forces—placing these under the control of *magistri equitum* and *peditum*. Consequently a map of the civil provinces can give no idea of the complications of contemporary military arrangements.







---

## REIGNS OF ROMAN EMPERORS IN BRIEF

---

Augustus	} Julio-Claudians	died AD 14
Tiberius		14–37
Gaius (Caligula)		37–41
Claudius		41–54
Nero		54–68
Galba		68–9
Otho		69
Vitellius	69	
Vespasian	} Flavians	69–79
Titus		79–81
Domitian		81–96
Nerva		96–8
Trajan		98–117
Hadrian		117–38
Antoninus	} Antonines	138–61
Marcus Aurelius		161–80
Lucius Verus		161–9
Commodus		177–92
Pertinax		193
Didius Julianus		193
Septimius Severus	} Severans	193–211
Caracalla		198–217
Macrinus		217–18
Elagabalus		218–22
Severus Alexander		222–35
Maximinus		235–8
Gordian I and II		238
Balbinus and Pupienus	238	
Gordian III	238–44	
Philip	244–9	
Decius	249–51	
Gallus	251–3	
Valerian	253–60	
Gallienus	254–68	
Claudius Gothicus	268–70	

Aurelian	270–5
Tacitus	275–6
Probus	276–82
Carus, Carinus, Numerian	282–5
Diocletian	284–305
Maximian	286–305
Constantius	305–6
Galerius	305–11
Constantine	307–37

---

## ABBREVIATIONS

---

<i>AJA</i>	<i>American Journal of Archaeology</i>
<i>BAR</i>	<i>British Archaeological Reports</i> (International Series)
<i>BCH</i>	<i>Bulletin de Correspondance Hellénique</i>
<i>BSA</i>	<i>British School at Athens</i>
<i>CAH</i>	<i>Cambridge Ancient History</i> , edns. 1 and 2
<i>CIL</i>	<i>Corpus Inscriptionum Latinarum</i>
<i>CQ</i>	<i>Classical Quarterly</i>
<i>CRAI</i>	<i>Comptes Rendus de l'Académie des</i> <i>Inscriptions et Belles-Lettres</i>
<i>ILS</i>	<i>Inscriptions Latinae Selectae</i>
<i>JHS</i>	<i>Journal of Hellenic Studies</i>
<i>JRS</i>	<i>Journal of Roman Studies</i>
<i>LCM</i>	<i>Liverpool Classical Monthly</i>
<i>MEFR</i>	<i>Mélanges de l'Ecole Française de Rome</i>
<i>OCD<sup>2</sup></i>	<i>Oxford Classical Dictionary</i> , ed. 2
<i>PBSR</i>	<i>Papers of the British School at Rome</i>
<i>PW</i>	A.Pauly, G.Wissowa, W.Kroll, <i>Real-</i> <i>Encyclopädie der classischen</i> <i>Altertumswissenschaft</i>

---

## SUGGESTIONS FOR FURTHER READING

---

These modest suggestions are intended for the high school or student reader who wishes to know where to turn first for more information on a particular area or topic. Quite deliberately, therefore, most references are to modern publications in English; they are arranged in order of appearance.

In addition to material cited under the specific headings, the following general works are of notable value:

### CAH

T.Frank (ed.), *An Economic Survey of Ancient Rome*, Baltimore, 1933–40.

M.Cary, *The Geographic Background of Greek and Roman History*, Oxford, 1949.

### OCD<sup>2</sup>

R.Stillwell and others (eds), *The Princeton Encyclopedia of Classical Sites*, Princeton, 1976.

For very full detail, *PW* and E. de Ruggiero and others (eds), *Dizionario Epigrafico di Antichità Romane*, Rome, 1895-(in progress), may be consulted.

### The Aegean in the Bronze Age Minoan Crete Mycenaean Greece

J.D.S.Pendlebury, *The Archaeology of Crete*, London, 1939.

C.Renfrew, *The Emergence of Civilization: The Cyclades and the Aegean in the Third Millennium B.C.*, London, 1972.

P.M.Warren, *The Aegean Civilizations*, London, 1975.

R.Hope Simpson, *Mycenaean Greece*, New Jersey, 1981.

V.Karageorghis, *Cyprus from the Stone Age to the Romans*, London, 1982.

### Troy

H.H.Schliemann, *Ilios: The City and Country of the Trojans*, London, 1880.

W.Döpfeld, *Troja und Ilion: Ergebnisse der Ausgrabungen in den vorhistorischen und historischen Schichten von Ilion, 1870–1894*, Athens, 1902.

C.W.Blegen *et al.*, *Troy: Excavations Conducted by the University of Cincinnati, 1932–1938*, Princeton, 1950–8, together with *Supplementary Monographs I–III*

C.W.Blegen, *Troy and the Trojans*, London, 1963.

### Knossos

A.J.Evans, *The Palace of Minos*, London, 1921–35.

S.Hood, *The Minoans: Crete in the Bronze Age*, London, 1971.

S.Hood and W.Taylor, *The Bronze Age Palace at Knossos: Plan and Sections*, BSA Suppl. vol. 13, London, 1981.

S.Hood and D.Smyth, *Archaeological Survey of the Knossos Area*, BSA Suppl. vol. 14, London, 1981.

### Mycenae

A.J.B.Wace, *Mycenae, An Archaeological History and Guide*, Princeton, 1949.

W.D.Taylor, *The Mycenaean*, London, 1964.

G.E.Mylonas, *Mycenae and the Mycenaean Age*, Princeton, 1966.

S.E.Iakovidis, *Mycenae-Epidauros*, Athens, 1981.

### Mainland Greece in the Homeric Poems The Homeric World

W.Leaf, *Troy: A Study in Homeric Geography*, London, 1912.

A.J.B.Wace and F.H.Stubbings, *A Companion to Homer*, London, 1962, chapters 8, 9, 13.

R.Hope Simpson and J.F.Lazenby, *The Catalogue of the Ships in Homer's Iliad*, Oxford, 1970.

### Dark Age Greece

### Late Geometric Greece

A.M.Snodgrass, *The Dark Age of Greece*, Edinburgh, 1971.

- V.R. d'A.Desborough, *The Greek Dark Ages*, London, 1972.
- J.N.Coldstream, *Geometric Greece*, London, 1977.
- Greek Colonisation (Eighth to Sixth Centuries BC)
- J.Boardman, *The Greeks Overseas: Their Early Colonies and Trade*, edn. 2, London, 1980.  
*CAH* III.3. chapters 37–39a.
- Archaic Greece
- L.H.Jeffery, *Archaic Greece: The City-States c. 700–500 B.C.*, London and Tonbridge, 1976.  
*CAH* III.3.
- The Persian Empire c. 550–330 BC
- A.T.Olmstead, *History of the Persian Empire*, Chicago, 1948.
- J.M.Cook, *The Persian Empire*, London, 1983.
- Persepolis
- R.N.Frye, *The Heritage of Persia*, London, 1962.
- S.A.Matheson, *Persia: An Archaeological Guide*, London, 1972, esp. pp. 223–33.
- Marathon, 490 BC
- W.K.Pritchett, 'Marathon', *University of California Publications in Classical Archaeology*, 4, 1960, pp. 137–90.
- , *Studies in Ancient Greek Topography I*, Berkeley, 1965, chapter 6; *II*, 1969, chapter 1.
- C.Hignett, *Xerxes' Invasion of Greece*, Oxford, 1963, pp. 55–74.
- E.Vanderpool, 'The deme of Marathon and the Herakleion', *AJA*, 70, 1966, pp. 319–23.
- , 'A monument of the battle of Marathon', *Hesperia*, 35, 1966, pp. 93–106.
- A.R.Burn, *Persia and the Greeks*, edn. 2, London, 1970, chapter 12.
- N.G.L.Hammond, *Studies in Greek History*, Oxford, 1973, chapter 7.
- V.Massaro, 'Herodotus' account of the battle of Marathon and the picture in the Stoa Poecile', *Ant. Class.*, 47, 1978, pp. 458–75.
- G.S.Shrimpton, 'The Persian cavalry at Marathon', *Phoenix*, 34, 1980, pp. 20–37.
- J.A.G. van der Veer, 'The battle of Marathon: a topographical survey', *Mnemosyne*, 35, 1982, pp. 290–321.
- Thermopylae: Ephialtes' Route
- G.B.Grundy, *The Great Persian War and its Preliminaries*, London, 1901, chapter 7.
- J.A.R.Munro, 'Some observations on the Persian wars, 2', *JHS*, 22, 1902, pp. 294–332.
- A.R.Burn, 'Thermopylai and Callidromus', in *Studies Presented to David Moore Robinson I*, St Louis, 1951, pp. 480–9.
- , 'Thermopylai revisited and some topographical notes on Marathon and Plataiai', in *Greece and the Eastern Mediterranean in Ancient History and Prehistory (Festschrift Schachermeyr)*, Berlin, 1977, pp. 89–105.
- W.K.Pritchett, 'New light on Thermopylai', *AJA*, 62, 1958, pp. 203–13.
- C.Hignett, *Xerxes' Invasion of Greece*, chapter 2 and Appendices 2–4.
- Artemisium, 480 BC
- C.Hignett, *Xerxes' Invasion of Greece*, chapter 3.
- W.K.Pritchett, 'Xerxes' fleet at the "Ovens"', *AJA*, 67, 1963, pp. 1–6.
- , *Studies in Ancient Greek Topography II*, chapter 2.
- Salamis, 480 BC
- W.K.Pritchett, 'Towards a restudy of the battle of Salamis', *AJA*, 63, 1959, pp. 251–62.
- , *Studies in Ancient Greek Topography I*, chapter 7.
- A.R.Burn, *Persia and the Greeks*, pp. 436 ff.
- N.G.L.Hammond, *Studies in Greek History*, chapter 8.
- G.Roux, 'Eschyle, Hérodote, Diodore, Plutarque racontent la bataille de Salamine', *BCH*, 98, 1974, pp. 51–94.
- J.Delorme, 'Deux notes sur la bataille de Salamine', *BCH*, 102, 1978, pp. 87–96.

Plataea, 479 BC

- W.K.Pritchett, 'New Light on Plataia', *AJA*, 61, 1957, pp. 9–28.  
—, *Studies in Ancient Greek Topography I*, chapter 8.  
C.Hignett, *Xerxes' Invasion of Greece*, chapter 7 and Appendices 10–12.  
A.R.Burn, *Persia and the Greeks*, pp. 503 ff.

Delphi

- F.Poulsen, *Delphi*, London, 1920.  
H.W.Parke and D.E.W.Wormell, *The Delphic Oracle*, edn. 2, Oxford, 1956.  
*CAH* III.3, chapter 41, section V.

Sparta

- Annual of the British School at Athens*, 12–16 and 26–30, 1906–10 and 1924–30.  
W.G.Forrest, *A History of Sparta 950–192 B.C.*, edn. 2, London, 1980.  
P.Cartledge, *Sparta and Lakonia: A Regional History, 1300–362 B.C.*, London, 1979.

Attica

- C.W.J.Eliot, *Coastal Demes of Attica*, *Phoenix Suppl.* vol. V, 1962.  
J.S.Traill, *The Political Organization of Attica*, *Hesperia Suppl.* XIV, 1975.

Classical Athens

Roman Athens

- R.J.Hopper, *The Acropolis*, London, 1971.  
J.Travlos, *Pictorial Dictionary of Ancient Athens*, London, 1971.  
H.A.Thompson and R.E.Wycherley, *The Athenian Agora, XIV. The Agora of Athens*, Princeton, 1972.  
*The Athenian Agora: A Guide to the Excavation and Museum*, edn. 3, Athens, 1976.  
R.E.Wycherley, *The Stones of Athens*, Princeton, 1978.

Halicarnassus

- G.E.Bean and J.M.Cook, 'The Halicarnassus peninsula', *BSA*, 50, 1955, pp. 85–171.  
G.E.Bean, *Turkey Beyond the Maeander: An Archaeological Guide*, London, 1971, chapter 9.  
S.Hornblower, *Mausolus*, Oxford, 1982.

Miletus

- G.E.Bean, *Aegean Turkey: An Archaeological Guide*, London, 1966, chapter 10.  
G.Kleiner, *Alt-Milet*, Wiesbaden, 1966.  
—, *Die Ruinen von Milet*, Berlin, 1968.

Priene

- T.Wiegand and H.Schrader, *Priene*, Berlin, 1904.  
M.Schede, *Die Ruinen von Priene*, edn. 2, by G.Kleiner and W.Kleiss, Berlin, 1964.

Greek Sicily

- M.I.Finley, *Ancient Sicily to the Arab Conquest*, edn. 2, London, 1979.  
E.Gabba and G.Vallet (eds), *La Sicilia Antica I–II, 1*, Naples, 1980.  
E.Manni, *Geografia Fisica e Politica della Sicilia Antica*, *Kokalos Suppl.* 4, 1981.

Syracuse

- A.W.Gomme, A.Andrewes and K.J.Dover, *A Historical Commentary on Thucydides* vol. 4 (Books V.25–VII), Oxford, 1970.  
P.Green, *Armada from Athens*, London, 1970.  
H.-P.Drögemüller, *PW Suppl.* 13, s.v.Syrakusai, cols. 815–36.

Akragas

- P.Griffo, *Nuovissima Guida per il Visitatore dei Monumenti di Agrigento*, Agrigento, 1961.  
J.A. de Waele, *Acragas Graeca I*, 's-Gravenhage, 1971.



## Cyrene

- R.G.Goodchild, *Kyrene und Apollonia*, Zurich, 1971.  
S.Applebaum, *Jews and Greeks in Ancient Cyrene*,  
Leiden, 1979.

## Olympia

- E.Curtius and F.Adler, *Olympia: die Ergebnisse der  
Ausgrabung*, Berlin, 1896–7.  
*Berichte über die Ausgrabungen in Olympia*, Berlin,  
1937– (in progress).  
A.Mallwitz, *Olympia und seine Bauten*, Munich, 1972.

## Greek Dialects c. 450 BC

- C.D.Buck, *The Greek Dialects*, edn. 2, Chicago,  
1973.  
J.Chadwick, *The Decipherment of Linear B*, edn. 2,  
Cambridge, 1967.  
R.J.Buck, 'The Aeolic dialect in Boeotia', *Class.  
Phil.*, 63, 1968, pp. 268–30.  
*CAH* II.2, chapter XXXIX (a).

## The Athenian Empire

- R.Meiggs, *The Athenian Empire*, Oxford, 1972.

## Pylos/Sphacteria

- W.K.Pritchett, *Studies in Ancient Greek Topography I*,  
chapter 1.  
R.A.Bauslaugh, 'The text of Thucydides IV 8.6  
and the south channel at Pylos', *JHS*, 99, 1979,  
pp. 1–6.  
J.B.Wilson, *Pylos 425 B.C.*, Warminster, 1979, with  
review by C.J.Tuplin, *LCM*, 6, 1981, pp. 29–34.

## The Bosphoran Realm and its Neighbours

- CAH* VIII, chapter 18.  
D.E.W.Wormell, 'Studies in Greek tyranny II.  
Leucon of Bosphorus', *Hermathena*, 68, 1946, pp.  
49–71.  
C.M.Danoff, *PW* Suppl. 9, cols. 866–1175, s.v.  
Pontos Euxeinos.

- H.Berve, *Die Tyrannis bei den Griechen*, Munich, 1967,  
part 3 chapter 3.3.

## Trade in the Classical Greek World

- M.M.Austin and P.Vidal-Naquet, *Economic and Social  
History of Ancient Greece: An Introduction*, London,  
1977.  
J.F.Healy, *Mining and Metallurgy in the Greek and  
Roman World*, London, 1978.  
R.J.Hopper, *Trade and Industry in Classical Greece*,  
London, 1979.  
A.W.Johnston, *Trademarks on Greek Vases*,  
Warminster, 1979, chapter 11.  
P.Garnsey *et al.*, (eds), *Trade in the Ancient Economy*,  
London, 1983.

## The Ancient Explorers

- J.Needham, *Science and Civilization in China*, vol. 1,  
Cambridge, 1954, chapter 7 sections (e)-(g).  
R.E.M.Wheeler, *Rome Beyond the Imperial Frontiers*,  
Harmondsworth, 1955.  
M.Cary and E.H.Warmington, *The Ancient  
Explorers*, edn. 2, Harmondsworth, 1963.  
C.F.C.Hawkes, *Pytheas: Europe and the Greek  
Explorers*, Oxford, 1975.

## Archaeological Sites of Greece

- Archaeological Reports* (for work in progress)  
M.I.Finley, *Atlas of Classical Archaeology*, London,  
1977.  
P.MacKendrick, *The Greek Stones Speak*, edn. 2,  
London, 1981.  
S.Rossiter, *Benn's Blue Guide to Greece*, edn. 4,  
London, 1981.

## The Anabasis

- C.F.Lehmann-Haupt, 'Zum Ruckzug der  
Zehntausend', in J.Kromayer (ed.), *Antike  
Schlachtfelder IV*, Berlin, 1931, pp. 243–60.  
R.D.Barnett, 'Xenophon and the wall of Media',  
*JHS*, 83, 1963, pp. 1–26.

Leuctra, 371 BC

- W.K.Pritchett, *Studies in Ancient Greek Topography I*, chapter 3.  
J.K.Anderson, *Military Theory and Practice in the Age of Xenophon*, Berkeley, 1970, chapter 10.  
G.L.Cawkwell, 'Epaminondas and Thebes', *CQ*, 22, 1972, pp. 254–78.  
J.Buckler, 'Plutarch on Leuctra', *Symb. Osl.*, 55, 1980, pp. 75–94.

The Second Athenian League

- F.H.Marshall, *The Second Athenian Confederacy*, Cambridge, 1905.  
J.L.Cargill, *The Second Athenian League: Empire or Free Alliance?*, Berkeley, 1981.

Chaeronea, 338 BC

- W.K.Pritchett, 'Observations on Chaironeia', *AJA*, 62, 1958, pp. 307–11.  
N.G.L.Hammond, *Studies in Greek History*, chapter 16.  
—, and G.T.Griffith, *A History of Macedonia II*, Oxford, 1979, pp. 596–603.  
P.A.Rahe, 'The annihilation of the Sacred Band at Chaeronea', *AJA*, 85, 1981, pp. 84–7.

The Growth of Macedonian Power, 359–36 BC

- J.R.Ellis, *Philip II and Macedonian Imperialism*, London, 1976.  
N.G.L.Hammond and G.T.Griffith, *A History of Macedonia II*, part 2.

River Granicus, 334 BC

- E.Badian, 'The battle of the Granicus: a new look', in *Archaiá Makedonia II*, Thessaloniki, 1977, pp. 271–93.  
C.Foss, *ibid.*, pp. 495–502.  
N.G.L.Hammond, 'The battle of the Granicus river', *JHS*, 100, 1980, pp. 73–88.  
A.B.Bosworth, *A Historical Commentary on Arrian's History of Alexander I*, Oxford, 1980, pp. 114 ff.

Issus, 333 BC

- A.B.Bosworth, *A Historical Commentary on Arrian's History of Alexander I*, pp. 198 ff.  
A.Devine, 'The location of the battlefield of Issus', *LCM*, 5, 1980, pp. 3–10.  
N.G.L.Hammond, *Alexander the Great: King, Commander and Statesman*, London, 1981, chapter V (B).

Gaugamela, 331 BC

- G.T.Griffith, 'Alexander's generalship at Gaugamela', *JHS*, 67, 1947, pp. 77–89.  
A.R.Burn, 'Notes on Alexander's campaigns, 332–330', *JHS*, 72, 1952, pp. 81–91.  
E.W.Marsden, *The Campaign of Gaugamela*, Liverpool, 1964.  
P.A.Brunt, *Arrian I*, Loeb series, 1976, Appendix 9.  
A.B.Bosworth, *A Historical Commentary on Arrian's History of Alexander I*, pp. 297 ff.  
N.G.L.Hammond, *Alexander the Great: King, Commander and Statesman*, chapter VI (C).

River Hydaspes, 326 BC

- B.Breloer, *Alexanders Kampf gegen Poros*, Stuttgart, 1933.  
A.Stein, *Archaeological Reconnaissances in North-Western India and South-Eastern Iran*, London, 1937, chapter 1.  
J.R.Hamilton, 'The cavalry battle at the Hydaspes', *JHS*, 76, 1956, pp. 26–31.  
J.F.C.Fuller, *The Generalship of Alexander the Great*, London, 1958, pp. 180–99.  
R.L.Fox, *Alexander the Great*, London, 1973, chapter 25.  
N.G.L.Hammond, *Alexander the Great: King, Commander and Statesman*, pp. 204–12.

Ai Khanum

- Reports in *CRAI* 1965 onwards.  
P.Bernard, 'Ai Khanum on the Oxus: a Hellenistic city in central Asia', *Proc. Brit. Acad.*, 53, 1967, pp. 71–95.

—, 'An ancient Greek city in central Asia', *Scientific American*, 246, 1982, pp. 126–35.

#### The Hellenistic Kingdoms

W.W.Tarn and G.T.Griffith, *Hellenistic Civilization*, edn. 3, London, 1952.

M.M.Austin, *The Hellenistic World from Alexander to the Roman Conquest*, Cambridge, 1981.

F.W.Walbank, *The Hellenistic World*, London, 1981.

#### Pergamum

E.V.Hansen, *The Attalids of Pergamon*, edn. 2, Cornell, 1971.

#### Delos

P.Bruneau and J.Ducat, *Guide de Delos*, Paris, 1965.

#### Major Cult Centres of the Classical World

W.K.C.Guthrie, *The Greeks and their Gods*, London, 1950.

R.F.Willetts, *Cretan Cults and Festivals*, London, 1962.

H.W.Parke, *Greek Oracles*, London, 1967.

—, *Festivals of the Athenians*, London, 1977.

R.M.Ogilvie, *The Romans and their Gods in the Age of Augustus*, London, 1969.

G.Dumezil, *Archaic Roman Religion*, Chicago, 1970.

J.Ferguson, *The Religions of the Roman Empire*, London, 1970.

M.Grant, *Roman Myths*, London, 1971.

R.MacMullen, *Paganism in the Roman Empire*, Yale, 1981.

#### Alexandria

P.M.Fraser, *Ptolemaic Alexandria*, Oxford, 1972.

#### Etruria and Etruscan Expansion in Northern Italy

M.Pallottino, *The Etruscans*, London, 1974.

M.Cristofani, *The Etruscans: A New Investigation*, London, 1979.

#### Early Italy

J.Reich, *Italy Before Rome*, Oxford, 1979.

A.C.Brown, *Ancient Italy Before the Romans*, Oxford, 1980.

#### Early Latium

##### The Environs of Imperial Rome

T.Ashby, *The Roman Campagna in Classical Times*, London, 1927.

L.Quilici, *Roma Primitiva e le Origini della Civiltà Laziale*, Rome, 1977.

#### The Languages of Italy Prior to the Spread of Latin

L.R.Palmer, *The Latin Language*, London, 1954.

E.Pulgram, *Italic, Latin, Italian 600 B.C. to A.D. 1260: Texts and Commentaries*, Heidelberg, 1978.

#### Veii

J.B.Ward-Perkins, *Veii: The History and Topography of the Ancient City*, *PBSR*, 29, 1961.

A.Kahane, L.Murray Threipland and J.B. Ward-Perkins, *The Ager Veientanus, North and East of Rome*, *PBSR*, 36, 1968.

#### Cosa

E.T.Salmon, *Roman Colonization Under the Republic*, London, 1969, esp. Appendix to chapter 1.

F.E.Brown, *Cosa: The Making of a Roman Town*, Ann Arbor, 1980.

#### Luna

A.Frova, *Scavi di Luni I and II*, Rome, 1973 and 1977.

B.Ward-Perkins, 'Luni: the decline and abandonment of the Roman town', in H.McK. Blake *et al.* (eds), *Papers in Italian Archaeology I*, *BAR*, 41, 1978, pp. 313–21.

- Republican Rome  
 The Centre of Rome in the Age of Caracalla  
 Rome in the Age of the Severi
- S.B.Platner and T.Ashby, *A Topographical Dictionary of Ancient Rome*, Oxford, 1929.  
 D.R.Dudley, *Urbs Roma*, London, 1967.  
 E.Nash, *Pictorial Dictionary of Ancient Rome*, edn. 2, London, 1968.  
 F.Coarelli, *Roma*, Bari, 1980.
- Roman Expansion in Italy to 268 BC
- E.T.Salmon, *Samnium and the Samnites*, Cambridge, 1967.  
 —, *The Making of Roman Italy*, London, 1982.
- Roman Colonisation
- E.T.Salmon, *Roman Colonization Under the Republic*.  
 A.N.Sherwin-White, *The Roman Citizenship*, edn. 2, Oxford, 1973.
- The Punic Wars
- J.F.Lazenby, *Hannibal's War*, Warminster, 1978.  
 B.Caven, *The Punic Wars*, London, 1980.
- Cannae, 216 BC
- J.F.Lazenby, *Hannibal's War*, pp. 77–85.
- Zama, 202 BC
- H.H.Scullard, *Scipio Africanus: Soldier and Politician*, London, 1970, chapter 6.
- Carthage
- B.H.Warminston, *Carthage*, edn. 2, London, 1969.  
 H.Hurst and L.E.Stager, 'A metropolitan landscape: the late Punic port of Carthage', *World Archaeology*, 9, 1977/8, pp. 334–46.
- Cynoscephalae, 197 BC
- F.W.Walbank, *A Historical Commentary on Polybius II*, Oxford, 1967, pp. 576–84.  
 W.K.Pritchett, *Studies in Ancient Greek Topography II*, chapter 11.
- Thermopylae, 191 BC
- W.K.Pritchett, *Studies in Ancient Greek Topography I*, chapter 5.
- The Roman Empire in 60 BC
- D.Braund, *Rome and the Friendly King: The Character of the Client Kingship*, London, 1984.
- Roman Campaigns of 49–30 BC
- J.F.C.Fuller, *Julius Caesar, Man, Soldier and Tyrant*, London, 1965.  
 J.M.Carter, *The Battle of Actium: The Rise and Triumph of Augustus Caesar*, London, 1970.
- Pharsalus, 48 BC
- Y.Béquignon, *PW Suppl.* 12, cols. 1071–84, s.v. Pharsalos.  
 C.B.R.Pelling, 'Pharsalus', *Historia*, 22, 1973, pp. 249–59.  
 Y.Béquignon, 'Etudes Thessaliennes XII', *BCH*, 98, 1974, pp. 119–23.  
 P.Greenhalgh, *Pompey: The Republican Prince*, London, 1981, pp. 243–55.
- Augusta Praetoria
- I.A.Richmond, 'Aosta', in P.Salway (ed.), *Roman Archaeology and Art*, London, 1969, pp. 249–59.  
 F.Castagnoli, *Orthogonal Town Planning in Antiquity*, Cambridge, Mass., 1971, pp. 112–13.  
 J.B.Ward-Perkins, *Cities of Ancient Greece and Italy: Planning in Classical Antiquity*, New York, 1974, esp. figs. 52–3.

## Archaeological Sites of Italy

- J.B.Ward-Perkins, *Cities of Ancient Greece and Italy: Planning in Classical Antiquity*.  
F.Coarelli et al. (eds), *Etruscan Cities*, London, 1975.  
H.McK.Blake et al. (eds), *Papers in Italian Archaeology I, BAR, 41*, 1978.  
D. and F.Ridgway (eds), *Italy Before the Romans: the Iron Age, Orientalizing and Etruscan Periods*, London, 1979.  
T.W.Potter, *The Changing Landscape of South Etruria*, London, 1979.  
M.Aylwin Cotton, *The Late Republican Villa at Posto, Francolise*, London, 1979.  
K.Painter (ed.), *Roman Villas in Italy: Recent Excavations and Research*, British Museum, London, 1980.  
G.Barker and R.Hodges (eds), *Archaeology and Italian Society: Prehistoric, Roman and Medieval Studies, BAR, 102*, 1981.

## Ostia

- A.Boëthius and J.B.Ward-Perkins, *Etruscan and Roman Architecture*, Harmondsworth, 1970, pp. 279–89.  
R.Meiggs, *Roman Ostia*, edn. 2, Oxford, 1973.  
F.B.Sear, *Roman Architecture*, London, 1982, pp. 118–33.

## Second Battle of Cremona, AD 69

- K.Wellesley, *Cornelius Tacitus, The Histories, Book III*, Sydney, 1972, pp. 85–126.  
—, *The Long Year A.D. 69*, London, 1975, pp. 141–50.

## Campania

- K.J.Beloch, *Campanien. Geschichte und Topographie des antiken Neapel und seiner Umgebung*, Breslau, 1890.  
J.Heurgon, *Recherches sur l'Histoire, la Religion et la Civilisation de Capoue Preromaine, des Origines à la Deuxième Guerre Punique*, Paris, 1942.  
J.H. d'Arms, *Romans on the Bay of Naples*, Harvard, 1970.

M.W.Frederiksen, *Campania*, British School at Rome, London, 1984.

## Pompeii Herculaneum

- A.Maiuri, *Ercolano: I Nuovi Scavi 1927–1958*, Rome, 1958.  
H.Eschebach, *Die städtebauliche Entwicklung des antiken Pompeji*, *Römische Mitteilungen Suppl. 17*, 1970.  
M.Grant, *Cities of Vesuvius: Pompeii and Herculaneum*, London, 1971.  
J.B.Ward-Perkins and A.Claridge, *Pompeii A.D. 79*, London, 1976.  
A. and M. De Vos, *Pompeii, Ercolano, Stabia*, Bari, 1982.

## Italian Towns with Alimentary Schemes

R.Duncan-Jones, *The Economy of the Roman Empire: Quantitative Studies*, edn. 2, Cambridge, 1982, chapter 7 and Appendix 5.

## Trade in the Roman World

- J.B.Ward-Perkins, 'Quarrying in antiquity: technology, tradition and social change', *Proc. Brit. Acad.*, 57, 1971, pp. 137–58.  
J.F.Healy, *Mining and Metallurgy in the Greek and Roman World*.  
J.du Plat Taylor and H.Cleere (eds), *Roman Shipping and Trade: Britain and the Rhine Provinces*, London, 1978.  
G.Rickman, *The Corn Supply of Ancient Rome*, Oxford, 1980.  
K.Muckelroy (ed.), *Archaeology Under Water: An Atlas of the World's Submerged Sites*, New York, 1980, chapter 2.  
J.H. d'Arms, *Commerce and Social Standing in Ancient Rome*, Harvard, 1981.  
P.Garnsey and C.R.Whittaker (eds), *Trade and Famine in Classical Antiquity*, Cambridge, 1983.  
P.Garnsey et al. (eds), *Trade in the Ancient Economy*, chapters 7–13.

## The Roman Empire in AD 60 and 211

F.Millar *et al.*, *The Roman Empire and Its Neighbours*, edn. 2, London, 1981.

Note the summary account of legions and their bases in *OCD*<sup>2</sup> pp. 591–3 s.v.Legion.

## Roman Britain

Ordnance Survey, *Map of Roman Britain*, edn. 4, Chessington, 1978.

S.S.Frere, *Britannia: A History of Roman Britain*, edn. 2, London, 1978.

A.L.F.Rivet and C.Smith, *The Place-Names of Roman Britain*, London, 1979.

R.J.A.Wilson, *A Guide to the Roman Remains in Britain*, edn. 2, London, 1980.

P.Salway, *Roman Britain*, Oxford, 1981.

M.Todd, *Roman Britain 55 B.C.–A.D. 400*, London, 1981.

## Hadrian's Wall

### Antonine Wall

Ordnance Survey, *Map of Hadrian's Wall*, edn. 2, Chessington, 1972.

Ordnance Survey, *Map of the Antonine Wall*, edn. 2, Chessington, 1975.

D.J.Breeze and B.Dobson, *Hadrian's Wall*, edn. 2, Harmondsworth, 1978.

W.S.Hanson and G.S.Maxwell, *Rome's North West Frontier: The Antonine Wall*, Edinburgh, 1983.

## Silchester

G.C.Boon, *Silchester: The Roman Town of Calleva*, Newton Abbot, 1974.

M.Fulford, *Guide to the Silchester Excavations 1979–81*, Reading, 1982.

## Lutetia Parisiorum

P.-M.Duval, *Paris Antique, des Origines au Troisième Siècle*, Paris, 1961.

P.-A. Février *et al.*, *Histoire de la France Urbaine, I: La Ville Antique*, Paris, 1980.

## Roman Gaul and the Alpine Region

O.Brogan, *Roman Gaul*, London, 1953.

E.M.Wightman, *Roman Trier and the Treveri*, London, 1970.

C.E.Stevens, 'Roman Gaul', in J.M.WallaceHadriil and J.McManners (eds), *France: Government and Society: A Historical Survey*, edn. 2, London, 1970, pp. 19–35.

P.MacKendrick, *Roman France*, London, 1971.

D.van Berchem, *Les Routes et l'Histoire: Etudes sur les Helvètes et leurs Voisins dans l'Empire Romain*, Geneva, 1982, chapter 14.

J.F.Drinkwater, *Roman Gaul: The Three Provinces 58 B.C.–A.D. 260*, London, 1983.

L.Pauli, *The Alps: Archaeology and Early History*, London, 1984.

## Germanies-Raetia-Noricum

C.B.Rüger, *Germania Inferior*, Cologne and Graz, 1968.

J.J.Hatt, *Celts and Gallo-Romans*, London, 1970.

H.J.Kellner, *Die Römer in Bayern*, Munich, 1971.

G.Alföldy, *Noricum*, London 1974.

A.Mócsy, *Pannonia and Upper Moesia*, London, 1974.

The Rhine-Danube Limes from c. AD 40 to AD 259–60

W.Schleiermacher, *Der römische Limes in Deutschland*, Berlin, 1961 and later editions.

H.Schönberger, 'The Roman frontier in Germany: an archaeological survey', *JRS*, 59, 1969, pp. 144–97.

The Danubian Provinces/Balkan Area c. AD 200

J.J.Wilkes, *Dalmatia*, London, 1969.

A.H.M.Jones, *The Cities of the Eastern Roman Provinces*, edn. 2, Oxford, 1971, chapter 1.

E.Condurachi and C.Daicoviciu, *The Ancient Civilization of Romania*, London, 1971.

A.Mócsy, *Pannonia and Upper Moesia*.

P.MacKendrick, *The Dacian Stones Speak*, Chapel Hill, 1975.



- R.F.Hoddinott, *Bulgaria in Antiquity: An Archaeological Introduction*, London, 1975.
- A.G.Poulter (ed.), *Ancient Bulgaria: Papers Presented to the International Symposium on the Ancient History and Archaeology of Bulgaria*, Nottingham, 1983.

#### Iberian Peninsula

- C.H.V.Sutherland, *The Romans in Spain 217 B.C.-A.D. 117*, London, 1939.
- F.J.Wiseman, *Roman Spain*, London, 1956.
- A.Tovar and J.M.Blázquez, *Historia de la Hispania Romana*, Madrid, 1975.
- J.M.Blázquez, *Economía de la Hispania Romana*, Bilbao, 1978.
- J.Arce, *El Último Siglo de la España Romana: 284-409*, Madrid, 1982.

#### Corsica and Sardinia

- E.Pais, *Storia della Sardegna e della Corsica Durante il Dominio Romano*, Rome, 1923.
- M.C.Ascari, *La Corsica nell' Antichità*, Rome, 1942.
- J. and L.Jehasse, 'La Corse romaine', in P.Arrighi (ed.), *Histoire de la Corse*, Toulouse, 1971, pp. 97-128.
- P.Meloni, *La Sardegna Romana*, Sassari, 1975.
- R.J.Rowland, Jr., *I Ritrovamenti Romani in Sardegna*, Rome, 1981.

#### Roman Sicily

- M.I.Finley, *Ancient Sicily*, chapters 10-13.
- E.Gabba and G.Vallet (eds), *La Sicilia Antica, II.2*.
- E.Manni, *Geografia Fisica e Politica della Sicilia Antica*.

#### North African Provinces Africa Proconsularis

- T.R.S.Broughton, *The Romanization of Africa Proconsularis*, Baltimore, 1929.
- B.H.Warminster, *The North African Provinces from Diocletian to the Vandal Conquest*, Cambridge, 1954.
- P.D.A.Garnsey, 'Rome's African empire under the Principate', in P.D.A.Garnsey and C.R.

- Whittaker (eds), *Imperialism in the Ancient World*, Cambridge, 1978, pp. 223-54.
- P.MacKendrick, *The North African Stones Speak*, London, 1980.
- C.M.Wells (ed.), *L'Afrique Romaine: Les Conférences Vanier 1980*, Ottawa, 1982.

#### Imperial Estates in the R.Bagradas Valley

- J.Carcopino, 'L'inscription d'Ain-el-Djemala: contribution à l'histoire des *saltus* Africains et du colonat partiaire, IV. La région des "saltus"', *MEFR*, 26, 1906, pp. 365-481 at pp. 423-40.
- J.Kolendo, *Le Colonat en Afrique sous le Haut-Empire*, Besançon, 1976.
- D.J.Crawford, 'Imperial estates', in M.I.Finley (ed.), *Studies in Roman Property*, Cambridge, 1976, pp. 35-70.

#### Timgad

- C.Courtois, *Timgad; Antique Thamugadi*, Algiers, 1951.
- J.Lassus, *Visite à Timgad*, Paris, 1969.

#### Lepcis Magna

- M.F.Squarciapino, *Lepcis Magna*, Basel, 1964.
- R.Bianchi Bandinelli et al., *The Buried City: Excavations at Leptis Magna*, London, 1966.

#### African Limes

- M.Bénabou, *La Résistance Africaine à la Romanisation*, Paris, 1976.
- E.W.B.Fentress, *Numidia and the Roman Army: Social, Military and Economic Aspects of the Frontier Zone*, *BAR*, 53, 1979.

#### Greek and Roman Crete

- CAH* III.3, chapter 39b and c.
- I.F.Sanders, *Roman Crete: An Archaeological Survey and Gazetteer of Late Hellenistic, Roman and Early Byzantine Crete*, Warminster, 1982.

## Roman Cyprus

- G.F.Hill, *A History of Cyprus I*, Cambridge, 1940, chapter 11.  
V.Karageorghis, *Cyprus from the Stone Age to the Romans*, chapter 10.

## Bithynia and Asia c. AD 100

### Roman Asia Minor

- A.H.M.Jones, *The Greek City from Alexander to Justinian*, Oxford, 1940.  
D.Magie, *Roman Rule in Asia Minor*, Princeton, 1951.  
J.Deininger, *Die Provinziallandtage der römischen Kaiserzeit*, *Vestigia*, 6, Munich, 1965.  
D.Nörr, *Imperium und Polis in der hohen Prinzipatszeit*, edn. 2, Munich, 1969.  
A.H.M.Jones, *The Cities of the Eastern Roman Provinces*, chapters 2–8.  
C.Habicht, 'New evidence on the province of Asia', *JRS*, 65, 1975, pp. 64–91.  
G.P.Burton, 'Proconsuls, assizes and the administration of justice under the empire', *JRS*, 65, 1975, pp.92–106.  
M.Stahl, *Imperiale Herrschaft und provinzielle Stadt*, *Hypomnemata*, 52, Göttingen, 1978.  
R.J.A.Talbert, 'Pliny the Younger as governor of Bithynia-Pontus', in C.Deroux (ed.), *Studies in Latin Literature and Roman History II, Collection Latomus*, 168, Brussels, 1980, pp. 412–35.  
J.Reynolds, *Aphrodisias and Rome*, London, 1982.

## Roman Syria, Western Parthia and Armenia

- A.H.M.Jones, *The Cities of the Eastern Roman Provinces*, chapters 9 and 10.  
D.Oates, *Studies in the Ancient History of Northern Iraq*, Oxford, 1968, chapters 1 and 4.  
J.I.Miller, *The Spice Trade of the Roman Empire 29 B.C. to A.D. 641*, Oxford, 1969.  
G.W.Bowersock, *Roman Arabia*, Harvard, 1983.

## Masada

- Y.Yadin, *Bar-Kokhba: The Rediscovery of the Legendary Hero of the Last Jewish Revolt Against Imperial Rome*, London, 1971.

- G.Vermes, *The Dead Sea Scrolls in English*, edn. 2, London, 1975.  
Y.Yadin, *Bar-Kokhba: The Rediscovery of the Legendary Hero of the Last Jewish Revolt Against Imperial Rome*, London, 1971.

## Jerusalem

- K.M.Kenyon, *Jerusalem: Excavating 3000 Years of History*, London, 1967.  
Y.Yadin (ed.), *Jerusalem Revealed: Archaeology in the Holy City, 1968–1974*, Jerusalem, 1975.

## Palestine

- M.Grant, *The Jews in the Roman World*, London, 1973.  
E.M.Smallwood, *The Jews Under Roman Rule from Pompey to Diocletian: A Study in Political Relations*, edn. 2, Leiden, 1981.

## Roman Egypt

- A.H.M.Jones, *The Cities of the Eastern Roman Provinces*, chapter 11.  
N.Lewis, *Life in Egypt Under Roman Rule*, Oxford, 1983.

## Christianity by the Early Fourth Century

- A.H.M.Jones, *Constantine and the Conversion of Europe*, edn. 2, London, 1962.  
K.Baus, *From the Apostolic Community to Constantine*, London, 1965.  
H.Chadwick, *The Early Church*, London, 1968.  
R.A.Markus, *Christianity in the Roman World*, London, 1974.  
C.Thomas, *Christianity in Roman Britain to A.D. 500*, London, 1981.

## The Dioceses and Provinces of the Roman Empire in AD 314

- A.H.M.Jones, *The Decline of the Ancient World*, London, 1966.  
T.D.Barnes, *The New Empire of Diocletian and Constantine*, Harvard, 1982, chapters 11–13.

---

# GAZETTEER

---

Entries refer first to the page where the name appears; the letter and number which follow refer to figures on the map at the top/bottom and sides respectively. Thus Aballava, for example, is to be found on p. 133 within the rectangle formed by letter A (at top left) and number 2 (at bottom right).

Normally every appearance of a name is listed. This is not necessarily the case, however, with very well known names (Athens or Italy, for instance), especially in

the Aegean area. In addition most monuments and features on battle or site plans are *not* listed; the main exceptions are pp. 90, 121 and 123, where all the names appearing on these maps of Rome *are* listed under 'Roma'.

Variant endings in *os/us* and *on/um* have generally been ignored in the gazetteer. Names which cannot be found under 'Ae', 'J' and 'K' should be checked under 'Ai', 'I' and 'C' respectively.

- Aalen 140 C3  
Abacaenum 38 E2; 148 E2  
Abac 72 C3  
Aballava 133 A2  
Abantes 7 D2, 3  
Abarnahara 18 C3  
Abassium 73 H3  
Abdera [Baetica] 96 B4; 144 C4  
Abdera [Thracia] 15 G1; 23 C1; 32 F1; 44 B1; 143 D4  
Abella 84 C4; 92 E3; 94 D3; 119 C4  
Abellinum 94 D3; 109 E4; 119 C4  
Aberffraw 131 B5  
Abila 166 C4  
Abila/Seleuceia 74 B5; 166 D2  
Abona 131 C7  
Abona, R. 131 C7  
Abonuteichus 161 E1  
Abrettene 158 B2  
Abus, R. 131 D5  
Abusina 140 E3  
Abydos [Hellespont] 9 D1; 27 B2; 31 F2; 33 A1; 44 C1; 160 A2  
Abydos [Aegyptus] 167 C4  
Acadama 162 B4  
Acamas, M. 156 A5  
Acamas, Pr. 156 A5  
Acampsis, R. 162 C1  
Acanthus 15 F1; 23 C1; 30 D1; 32 E2; 44 A1  
Acarnania 30 B3  
Acci 144 C4  
Ace/Ptolemais 74 B4; 166 B1; 173 F5  
Acelum 108 C1; 119 B1  
Acerrae 92 D3; 115 B2  
Acesines, R. [India] 65 H3  
Acesines, R. [Sicilia] 38 E2  
Achaea [Peloponnesus] 16 B2; 30 B4  
Achaea, Achaia (Roman Province) 105 E3; 129 D4; 171 D4, E4; 177 D4  
Achaea Phthiotis 30 C3; 62 B3  
Achaeon Acte 156 D4  
Acharnae 34 B3; 46 C3  
Achatas, R. 148 D4  
Acheloos, R. 6 B2; 7 B2; 30 B3; 32 B3; 62 B3  
Acheron, R. 7 A2; 32 B3  
Achilleum 27 A2  
Acholla 97 F5  
Aciris, R. 109 F4  
Acium 148 E3  
Acmonia 160 C3  
Acoris 76 B3  
Acquarossa 82 C5  
Acra Leuce 96 C3  
Acrabeta 166 B3  
Acrae 14 B2; 38 D4; 148 D4  
Acraea, Cautes 38 E3  
Acritas, Pr. 29 C3  
Acrothooi 44 B1  
Acruvium 143 B4  
Acte [Attica] 34 B4  
Acte [Chalcidice] 30 D1  
Action, Actium 32 B4; 105 D3  
Acuricum 143 A3  
Ad Ansam 131 E7  
Ad Duas Lauros 122 C2  
Ad Fl. Tigrim 162 D3  
Ad Fluvium Lanaricum 148 B3  
Ad Gallinas Albas 122 B1  
Ad Herculeum 146 B3  
Ad Lunam 140 C4  
Ad Maiores 154 B1  
Ad Medias 146 B4  
Ad Olivam 148 B2  
Ad Pontem [Britannia] 131 D6  
Ad Pontem [Mesopotamia] 162 D3  
Ad Spem Vetus 122 B1  
Ad Turres 154 C1  
Adana/Antioch 74 B3; 161 F4  
Adara 162 C4  
Addua, R. 108 B2  
Adiabene 162 D2  
Adora 166 B5  
Adraha 162 B4  
Adramytteion, Adramyttium 23 D2; 31 F2; 33 B1; 73 E2; 158 A2; 160 A3  
Adramyttenus Sinus 33 A1  
Adranum, Hadranum 38 D3; 148 D3  
Adria, Atria 82 C1; 108 C2  
Adrianopolis *see* Hadrianopolis  
Adriaticum Mare 107; 109 E3, F3  
Adys 97 F4  
Ae- *see also* Ai-  
Aeane 32 C2  
Aecae 97 G2  
Aeclanum 92 E2; 109 E4  
Aedui 136 C3  
Aegae [Macedonia] 32 C2; 56 B1; 62 B2  
Aegae [Peloponnesus] 29 C1  
Aegaeum Mare 31 E4  
Aegaleos, M. 34 B3  
Aegates Is. 38 A2; 97 F4; 148 A2  
Aegilia 34 C5  
Aegina 16 C2; 29 D2; 30 D4  
Aeginion 32 B3  
Aegion, Aigion 6 B3; 29 C1; 72 C3  
Aegira, Aigeira 6 C3; 29 C1  
Aegithallus 38 A2  
Aegitium 46 C3  
Aegospotami 47 E1  
Aegospotami, R. 27 B1  
Aegosthena 29 D1; 56 B2  
Aegusa, Aethusa [Aegates Is.] 38 A2; 148 A2  
Aegyptus (Egypt) 76; 167  
Aegyptus (Roman Province) 129 E6; 171 E6  
Aegyptus Herculia 177 E5, F5  
Aegyptus Iovia 177 E5  
Aelana 76 D2; 167 D2  
Aelanites, Sinus 167 D2  
Aelia Capitolina *see* Jerusalem  
Aemilia 108 C2; 176 C3  
Aemilia, Via 108 C2  
Aemilia Scauri, Via 108 B3  
Aeminium 144 A2  
Aenaria 109 E4; 115 B3  
Aene(ï)a 32 D2; 44 A1  
Aenis 23 B2; 62 B3  
Aenona 143 A4  
Aenos, M. [Cephalenia] 29 A1; 30 A4  
Aenos, Ainos 9 C1; 15 G1; 31 E1; 44 B1; 143 E4  
Aeoliae Is. 148 D1  
Aeolis 16 E2; 18 B2; 31 F3  
Aequi 84 B3, C3  
Aequum 143 B4  
Aequum Tuticum 84 C3  
Aerae 47 E3

- Aesernia 94 D2; 109 E4  
 Aesica 133 B1  
 Aesis 108 D3  
 Aesis, R. 108 D3  
 Aesium 95 C2  
 Aeso 144 D1  
 Aethiopia, Ethiopia 18 B5; 167 C6  
 Aethusa, Aegusa [Aegates Is.] 38 A2; 148 A2  
 Aethusa Is. [inter Siciliam et Africam] 148 A4  
 Aetna 38 D3; 148 E3  
 Aetna, M. 38 E2; 97 G4; 148 E2  
 Aetolia 16 B2; 30 B3  
 Aexone 34 B4  
 Aezani 160 C3  
 Africa (Continent) 54  
 Africa (Diocese) 176 B5  
 Africa (Roman Province) 102 B3, C3; 128 C5; 150–1; 154; 170 C5  
 Africa Proconsularis 150; 176 C4  
 Agatha 14 B3  
 Agathyrum 38 D2; 148 D2  
 Agedincum 138 A3  
 Agia Eirene 2 C3; 10 C3; 12 C3; 56 C3  
 Agia Marina 6 C2  
 Agia Pelagia 4 C2  
 Agia Triadha 4 C3; 56 C4  
 Agidus 86 C2  
 Agios Andreas 2 C3  
 Agios Ilias 6 B2  
 Agios Kosmas 2 C3; 6 D3  
 Agios Stephanos 6 C4  
 Agnone 92 D2  
 Agora 27 C1  
 Agri Decumates 128 C3; 136 D2, 3; 138 B4, C3  
 Agrians 62 B1  
 Agrigentum *see* Akragas  
 Agrinion 29 B1; 32 B4  
 Agryle 34 B3  
 Agylla *see* Caere  
 Agyrium 38 D3; 148 D3  
 Ahdem, R. 58 A3  
 Ai- *see also* Ae-  
 Ai Khanum 69 (Plan); 71 H2  
 Aiadium 146 B2  
 Aigythallus, Pr. 148 A2  
 Ain-el-Jemala 151 B2  
 Ain Wassel 151 A2  
 Aisepos, R. 9 D1  
 Aislingen 140 D4  
 Akragas/Agrigentum 14 A2; 38 C3; 40 (Plan); 97 G4, 5; 148 C3  
 Akroterion 6 A3  
 Akrotiri 2 C4; 56 C3  
 Aigeira *see* Aegira  
 Al Mina 15 G4; 53 G4  
 Ala Miliaria 154 A1  
 Alabanda/Antioch 33 C4; 73 F4; 158 B4; 160 B4  
 Alabon, R. 38 E3  
 Alabum 131 B7  
 Alaina 162 C3  
 Alalia 14 C3  
 Alarodios 18 D2  
 Alauna [1, Britannia] 130 C3  
 Alauna [2, Britannia] 130 C4  
 Alauna [3, Britannia] 130 D4  
 Alauna [4, Britannia] 131 C5  
 Alauna [5, Britannia] 130 C6  
 Alauna, R. 130 C4  
 Alauni 138 D4  
 Alba Fucens 94 C2; 97 G2; 109 D3; 111 E3; 119 C3  
 Alba Longa 86 C2; 122 C2  
 Alba Pompeia 108 A3  
 Alban Hills 86 C2  
 Albanum (Domitiani) 122 C2; 170 C3  
 Albanus, L. 108 D4  
 Albanus, M. 81  
 Albingaunum 108 B3  
 Albintimilium, Albium Intemelium (Ventimiglia) 108 A3; 110 A3  
 Albis, R. 128 C2; 138 D2; 170 D2  
 Alcantara Bridge 144 B2  
 Alcester 131 C6  
 Alchester 131 D7  
 Alcmona, R. 140 F3  
 Aleria 84 A3; 97 F2; 146 C2; 176 C3  
 Alesia 136 C3  
 Aletrium 92 C3  
 Alexandria [Aegyptus] 76 B1; 81 (Plan); 129 E5; 167 B1; 171 E5; 173 E5; 177 E5  
 Alexandria (Bactra, Zariaspa) 65 G2  
 Alexandria [Bactria] 71 H3  
 Alexandria (Buchephala) 65 H3  
 Alexandria (Carmania) 65 F4  
 Alexandria (Iomoussa) 65 H3  
 Alexandria (Nicaea) 65 H3  
 Alexandria (Oreitae) 65 G4  
 Alexandria (Paropamisadae), 65 G2  
 Alexandria (Prophthasia) 65 F3; 71 G4  
 Alexandria on the Caucasus 71 H3  
 Alexandria [Ad Indum] 65 H3  
 Alexandria (By Issus) 64 B3; 74 B3; 161 F5; 162 B3  
 Alexandria ad Latmum 64 A2  
 Alexandria ad Oxum 65 G2  
 Alexandria/Antioch 64 D4; 71 E4  
 Alexandria/Herat (Areia) 65 F3; 71 G3  
 Alexandria/Kandahar (Arachosia) 65 G3; 71 G3  
 Alexandria/Merv (Margiane) 65 F2; 71 G2  
 Alexandria Eschate 65 G2; 71 H2  
 Alexandr(e)ia Troas 64 A2; 73 E2; 158 A2; 160 A2  
 Alexandrion 166 C3  
 Alfaterna *see* Nuceria  
 Alfoldean 131 D8  
 Alista 146 C2  
 Alkofen 140 E3  
 Allava 148 B3  
 Allia 84 B3  
 Allifae 84 C3; 92 D3; 94 D3; 97 G2; 109 E4; 119 C3  
 Allobroges 97 E1; 136 C4  
 Allumiere 82 C5  
 Alope 46 C3  
 Alopecce 34 B3  
 Alopecconus 27 B1; 143 E4  
 Aloros 32 C2  
 Alpes 128 C3; 136 D4; 170 C3; 176 C3  
 Alpheios, R. 16 B3; 29 C2; 30 B4  
 Alsium 94 B2; 108 D4; 122 B1  
 Altava, 150 B1; 154 A1  
 Altenstadt 140 B1  
 Altilia *see* Saepinum  
 Altinum 108 C1  
 Aluca 146 B1  
 Alutus, R. 143 D3  
 Alveria 143 A4  
 Alvona 143 A3  
 Alyzia 32 B4  
 Amantia 143 C4  
 Amanum Portus 144 C1  
 Amanus, M. 161 F4, 5; 162 B3  
 Amarus, L. 167 C2  
 Amaseia 74 B1; 161 F2; 177 F3  
 Amastris 74 A1; 129 F4; 158 D1; 160 D1; 171 F4; 173 E3  
 Amathus [Cyprus] 156 B6  
 Amathus [Palaestina] 166 C3  
 Amber Is. 54 B1  
 Ambiani 138 A2  
 Ambisontes 138 D4  
 Amblada 160 D4  
 Ambra, R. 140 E4  
 Ambracia 16 A2; 23 A2; 30 B3; 32 B3; 62 B3  
 Ambracicus Sinus 32 B4  
 Ambre 140 E4  
 Amenanus, R. 38 E3  
 America 92 B3; 108 D3; 119 B3  
 Ameselum 38 D3  
 Amestratus 148 D2  
 Amiata, M. 82 C4  
 Amida 162 C2; 177 F4  
 Amisus 15 G3; 50 C4; 161 F1  
 Amiternum 92 C2; 109 D3  
 Ammaedara 150 B4; 154 C1  
 Ammonium 64 A4  
 Amnias, R. 161 E1  
 Amnisos 4 C2; 9 C4; 80 C4  
 Amorgos 16 D3; 31 E5; 33 A5; 44 B3  
 Amorium 160 D3  
 Ampelum 143 D2  
 Amphiarus, Sanctuary of (Attica) 34 C1  
 Amphilochia 30 B2, 3  
 Amphipolis 30 D1; 32 E1; 44 A1; 143 D4  
 Amphipolis/Thapsacus 58 D2; 64 C3; 74 C3  
 Amphissa 12 B2; 29 C1; 30 C3; 32 C4; 62 B3  
 Amsanctus 92 E2

Amyclae, Amyklai 7 C5; 10 B3; 12 B3; 29 C3  
 Amyzon 73 F4  
 Anactorion, Anactorium 16 A2; 23 A2; 30 B3; 32 B4  
 Anaea 47 F4  
 Anagnia 84 B3; 86 D2; 92 C3; 119 B3; 122 D2  
 Anagyris 34 C4  
 Analipsis 6 C4  
 Anaphe 31 E5; 33 A5; 60 D4  
 Anaphlystus 34 D5  
 Anapus, R. 38 E4; 148 E4  
 Anas, R. 96 A3; 144 A3  
 Anasartha 162 B3  
 Anaunium 108 B1  
 Anava, R. 130 C4  
 Anazarbus 161 F4  
 Ancaster 131 D6  
 Anchialus 143 E3; 173 E3  
 Ancona 84 C2; 92 B1; 108 D2; 110 D2  
 Ancyra [Galatia] 74 A2; 129 F4; 158 D2; 160 D2; 171 F4; 173 F4; 177 F4  
 Ancyra (Julia) [Asia] 158 B3; 160 B3  
 Ancyro(n)opolis 76 B2; 167 B2  
 Andania 72 B4  
 Andautonia 143 B2  
 Andemantunnum 136 C3  
 Anderitum 131 E8  
 Androna 162 B3  
 Andros 16 C2; 31 E4; 44 B3  
 Anemurium 160 D5  
 Angli 138 C1  
 Angrivarii 138 C2  
 Anio, R. 86 C1  
 Anisa 161 F3  
 Annia, Via 109 F4, G5  
 Ansium 143 A4  
 Antaeopolis 167 B3  
 Antandros 9 D2; 23 D2; 31 F2; 44 C2  
 Antandrus 74 B4  
 Antemnae 86 B1  
 Anthedon [Boeotia] 6 D2; 7 D3; 29 D1  
 Anthedon [Palaestina] 166 A5  
 Anthela 16 B2  
 Anthemus 62 C2  
 Anticaria 144 B4  
 Anticythera 29 D4  
 Antigoneia 72 A1  
 Antilibanus, M. 162 B4  
 Antinoe/Antinoopolis 167 B3  
 Antioch [Asia] 73 G3  
 Antioch [Cilicia] 74 A3; 160 D5  
 Antioch(ia) [Caesarea] [Pisidia] 74 A2; 158 C3; 160 D3; 177 E4  
 Antioch(ia) [Syria] 74 B3; 129 F4; 161 F5; 162 B3; 171 F4; 173 F4; 177 F4  
 Antioch/Adana 74 B3; 161 F4  
 Antioch/Alexandria 71 E4  
 Antioch/Charax 71 E4  
 Antioch/Hippus 74 B4  
 Antioch/Mallus 74 B3; 161 F5  
 Antioch/Nisibis 74 D3; 162 C3  
 Antiochia/Perrhe 162 B2  
 Antioch in Persis 71 E4  
 Antioch *see* Alabanda  
 Antioch *see* Edessa  
 Antioch *see* Tarsus  
 Antipatre(ia) 72 A1; 143 C4  
 Antipatris 166 B3  
 Antiphrae 167 A1  
 Antipolis 14 B3  
 Antipyrgus 151 H2  
 Antirrhion Pr. 29 B1  
 Antissa 33 A2; 44 B2  
 Antitaurus, M [Armenia] 162 C2  
 Antitaurus, M. [Cappadocia] 161 F3, 4  
 Antium 81; 84 B3; 92 C3; 94 B2; 108 D4; 122 C3  
 Antivestaeum, Pr. 131 A8  
 Antonini Murus 130 B3, C3; 134 (Plan)  
 Antoninopolis 162 C3  
 Antron 7 C2  
 Antunnacum 140 A1  
 Aoi Stena 30 A1; 32 A2  
 Aaos, R. 30 A1; 32 A2  
 Aornus 65 H2  
 Aosta *see* Augusta Praetoria  
 Aous, M. 156 A5  
 Apaisos 9 D1  
 Apamea [Ad Euphratem] 162 B3  
 Apamea [Ad Orontem] 70 C3; 74 C3; 162 B3  
 Apame (i)a Celaenae, Kelainai 58 B2; 70 B3; 73 H3; 158 C3; 160 C4; 173 E4  
 Apamea/Myrle(ia) 73 F1; 158 B2; 160 B2  
 Ap(p)enninus, M. 108 C2–109 E4  
 Aperopia 29 D2  
 Aphaia 56 B3  
 Aphaetae 23 B2  
 Aphidna 34 C2  
 Aphrodisias 80 E2; 125 E4; 158 B4; 160 B4; 177 E4  
 Aphrodisium 156 C4  
 Aphroditopolis [1, Aegyptus] 76 B2; 167 B2  
 Aphroditopolis [2, Aegyptus] 76 B3; 167 B3  
 Aphytis 32 D2; 44 A1  
 Apodhoulou 4 C2  
 Apollonia [Chalcidice] 32 D2  
 Apollonia [Cyrene] 151 G2  
 Apollonia [Illyricum] 14 D3; 72 A1; 97 H3; 105 D3; 143 C4  
 Apollonia [Ad Maeandrum] 73 G3  
 Apollonia [Mesopotamia] 70 D3  
 Apollonia [Mysia] 73 F2  
 Apollonia [Palaestina] 74 B5; 166 A3  
 Apollonia [Phrygia] 73 H3; 158 C3; 160 C4  
 Apollonia [Pontus Euxinus] 15 F3; 143 E3  
 Apollonia [Sicilia] 38 D2  
 Apollonia [Thracia] 32 E1  
 Apollonia Mygdonia 72 C1  
 Apollinopolis (Magna) 76 C4; 167 C4  
 Apollonopolis Heptacomias 167 B3  
 Apollonopolis Parva 167 C4  
 Appia, Via 90 C4; 109 D4, F4; 115 A2, C1; 122 C2; 123 D1  
 Aprus 143 E4  
 Apsorus 143 A3  
 Aptera 156 A1  
 Apthungi 150 C4  
 Apuani 84 A2  
 Apuli 84 C3  
 Apulia 109 F4; 176 D3  
 Apulum 143 D2; 171 E3  
 Apurytai 19 H3  
 Aquae 140 B3  
 Aquae Arnemetiae 131 C6  
 Aquae Flaviae 144 A2  
 Aquae Hypsitanae/Forum Traiani 146 B4  
 Aquae Larodes/Thermae Selinuntinae 148 B3  
 Aquae Lesitanae 146 C4  
 Aquae Mattiacorum 140 B2  
 Aquae Neapolitanae 146 B5  
 Aquae S. 143 B3  
 Aquae Segestanae 148 B2  
 Aquae Sextiae 136 C5; 176 C3  
 Aquae Statiellae 108 B2  
 Aquae Sulis 131 C7  
 Aquae Vescinae 115 A2  
 Aquileia [Italia] 95 C1; 108 D1; 110 D1; 124 C3; 176 C3  
 Aquileia [Raetia] 140 C4  
 Aquilonia 92 D2  
 Aquincum 138 F4; 143 B2; 170 D3  
 Aquinum (Aquino) 92 D3; 94 C2; 109 E4; 111 E4  
 Aquitani 104 B2  
 Aquitania 128 B3; 136 B4; 138 A4; 170 B3  
 Aquitanica 176 B2, 3  
 Arabia 18 C4; 162 B5; 171 F5; 177 F5  
 Arabia Nova 177 F5  
 Arabia Petraea 167 D2  
 Arabiates 138 E4  
 Arabicus, Sinus 167 D3  
 Arabissus 161 G3  
 Aracha 162 B4  
 Arachosia 19 G3; 65 G3; 71 H4  
 Aradus 74 B4; 162 B4  
 Arae Flaviae 138 C4; 140 B4  
 Arae Philaenorum 151 G2  
 Araithyrea 7 C4  
 Araks, R. *see* Araxes, R.  
 Aral Sea 19 F1; 71 F1  
 Arausio 136 C4  
 Aravorum Civitas 144 A2  
 Araxes, Araks, R. 58 D3; 162 D2  
 Araxos 6 B3  
 Arba 143 A3  
 Arbeia 133 D1  
 Arbela [Assyria] 64 D3; 162 D3



Arbeia [Palaestina] 166 C2  
 Arcesine 73 E4  
 Archelais [Cappadocia] 161 E3  
 Archelais [Palaestina] 166 C4  
 Arconnesos 33 B5  
 Arcadia 16 B2; 30 C4  
 Ardea 82 D6; 86 B2; 94 B2; 122 B2  
 Ardiaei 62 A1  
 Ardotalia 131 C5  
 Areia 19 F3; 65 F3; 71 G3  
 Arelate 136 C4; 172 B3  
 Arene 7 B4  
 Arethusa 74 C4  
 Arevaci 144 B2  
 Arezzo *see* Arretium  
 Argennum, Pr. [Ionia] 33 A3  
 Argennum, Pr. [Sicilia] 148 E2  
 Argentarius, M. 82 B5  
 Argentorate 128 C3; 136 D3; 138 B3;  
 140 A4; 170 C3  
 Argentovaria 140 A4  
 Argilus 23 C1; 32 E1; 44 A1; 46 C1  
 Arginusae Is. 33 A2; 47 E2  
 Argissa 2 B1; 6 C1; 7 C1  
 Argolis 30 C4  
 Argos [Ad Acherona] 32 B3  
 Argos [Amphilochicum] 30 B3; 32 B4  
 Argos [Macedonia] 32 A3  
 Argos [Peloponnesus] 29 C2; 30 C4  
 Argypouli 6 C1  
 Argyruntum 143 A4  
 Ariarathia 74 B2  
 Ariaspai 65 F4, G3  
 Aricia 81; 82 D6; 92 C3; 122 C2  
 Ariconium 131 C7  
 Arienzo 94 D3  
 Arikamedu (Pondicherry) 54 E3  
 Ariminum (Rimini) 92 A1; 95 B2; 97  
 F2; 108 D2; 110 D2; 119 B2  
 Arisbe 9 D1; 27 B2; 44 C1  
 Aritium 144 A3  
 Arkades 56 C2  
 Arkalokhori 4 C2  
 Arkhanes 4 C2  
 Armenia 18 C2, D2; 105 G2; 129 G4;  
 162; 177 G4  
 Armenia (Roman Province) 177 F4  
 Armenia Maior 162 D2  
 Armenia Minor 129 F4, G4; 161 H2, 3;  
 162 C2  
 Armenoi 4 B2  
 Arna 119 B3  
 Arnon, R. 166 C5  
 Arnsburg 140 B1  
 Arnus, R. 82 B3; 108 C3  
 Arpi (Arpino) 84 C3; 92 E2; 97 G2; 109  
 F3; 111 F3  
 Arpinum 84 C3; 92 D3; 109 E4  
 Arretium (Arezzo) 82 C3; 84 B2; 92  
 A2; 95 B2; 97 F2; 108 C3; 110 C3  
 Arsamosata 162 C2  
 Arsanias, R. 162 C2  
 Arsinoe [Cilicia] 74 B3  
 Arsinoe [Cyprus] 156 C5  
 Arsinoe [Cyrene] 151 G2  
 Arsinoe [Ad Erythraeum Mare] 76 C3  
 Arsinoe [Syria] 74 B4  
 Arsinoe/Cleopatra 76 C2  
 Arsinoe/Crocopolis 76 B2; 167 B2  
 Arsinoe/Marium 74 A4; 156 A5  
 Arsinoe *see* Ephesos  
 Arsinoe *see* Patara  
 Artaxata 70 D2; 162 D1  
 Artemision, Artemisium (Pr.) 23 B2; 24  
 (Battle); 30 C3; 32 D4  
 Arucci 144 A3  
 Arunda 144 B4  
 Arupium 143 A3  
 Arverni 96 D1; 136 C4  
 Arycanda 160 C5  
 Arzbach 40 A1  
 Ascalon 74 B5; 166 A4  
 Asciano 82 C4  
 Asculum 84 C3; 92 C2; 95 C2; 109 D3  
 Asea 12 B3; 29 C2  
 Asia (Roman Province) 102 D3; 129  
 E4; 158 B3; 160 B3, 4; 171 E4; 177  
 E4  
 Asia Minor 73, 74; 160–1  
 Asiana (Diocese) 177 E4  
 Asido 144 B4  
 Asine [Argos] 2 B3; 6 C4; 7 C4; 12 B3;  
 29 D2  
 Asine [Messenia] 29 C3; 30 B5  
 Asines, R. 38 E2; 148 E2  
 Asisium 108 D3; 119 B3  
 Askanie, L. 9 E1  
 Askitario 2 C3  
 Askra 16 B2  
 Asopos 29 D3  
 Asopos, R., [Peloponnesus] 7 C3  
 Asopos, R., [Boeotia] 29 D1; 30 D3  
 Aspendus 74 A3; 160 D4  
 Asphynis 167 C4  
 Asseria 143 A4  
 Assinarus, R. 38 E4; 148 E4  
 Assorum, Assorus 38 D3; 148 D3  
 Assos 9 D2; 31 F2; 33 A1; 44 C2; 73 E2  
 Assur 162 D3  
 Assyria 18 D3; 162 D3  
 Asta 144 B4  
 Astacos [Acarmania] 29 B1; 32 B4; 46  
 B3  
 Astacus [Propontis] 15 H1; 44 D1  
 Asthall 131 D7  
 Astigi 144 B3  
 Astola Is. 54 D3  
 Astraeus 60 A4  
 Astura 86 C3; 122 C3  
 Astures 144 A1  
 Asturica Augusta 144 B1  
 Astypalaea (Is.) 31 F5; 33 A5; 44 C4;  
 158 A4  
 Astypalaea [Cos] 33 B5  
 Atabyris, M. 31 G5; 33 C5  
 Atalante 46 C1  
 Atalante Is. 46 C3  
 Atarneus 9 D2; 23 D2; 33 B2; 73 E2  
 Ategua 144 B3  
 Atella 92 D3; 94 D3; 115 B2  
 Aternum 109 E3  
 Aternus, R. 109 E3  
 Atesis, R. 108 C1  
 Ateste 82 C1; 84 B2; 95 B1; 108 C2  
 Athamania 62 B2, 3  
 Athenae, Athens 29 D1; 30 D4; 35  
 (Plans)  
 Athenae Diades 60 B2  
 Athmonum 34 C3  
 Athos, M. 23 C1; 31 D2; 32 E2  
 Athribis 76 B1; 167 B1  
 Atina [Latium] 92 D3; 109 E4; 119 C3  
 Atina [Lucania] 109 F4; 119 C4  
 Atintanes 62 A2, B2  
 Atlas, M. 150 B2  
 Atrebatas [Britannia] 131 C7, D7  
 Atrebatas [Gallia] 138 A2  
 Atreclianae et Poeninae, Alpes 170 C3  
 Atria *see* Adria  
 Atropatene 70 D2; 162 D2, 3  
 Attaleia [Asia] 73 F2  
 Attale(i)a [Lycia] 73 H4; 158 C4; 160  
 C5  
 Attica 30 D4; 34 (Plan); 125 E4  
 Atuatuca 138 B2  
 Auchendavy 134 B1  
 Aufidena 84 C3; 92 D2; 109 E4; 119  
 C3  
 Aufidus, R. 109 F4  
 Auninum 119 C3  
 Aufkirchen 140 D3  
 Augusta 161 F4  
 Augusta Bagiennorum 108 A3  
 Augusta Euphratensis 177 F4, G4  
 Augusta Libanensis 177 F4  
 Augusta Praetoria (Aosta) 95 A1; 106  
 (Plan); 108 A2; 110 A2; 136 D4  
 Augusta Raurica, Rauricorum 136 D3;  
 138 B4  
 Augusta Taurinorum (Turin) 95 A1;  
 108 A2; 110 A2; 136 D4  
 Augusta Traiana, 143 D3  
 Augusta Treverorum (Trier) 136 C2;  
 138 B3; 176 C2  
 Augusta Vindelic(orum) 128 C3; 138  
 C3; 140 D4; 176 C2  
 Augustis 146 C4  
 Augustobriga 144 B2  
 Augustodunum 136 C3; 138 A4  
 Augustonemetum 136 C4  
 Aulis 7 D3; 29 D1; 30 D3  
 Aulon 72 A1  
 Aurelia, Via 90 A1; 108 C3; 122 B1;  
 123 E4  
 Aurès Mts. 150 D1; 154 B1  
 Aurunci 84 C3  
 Ausa 44 E1  
 Ausculum 92 E2; 94 E3  
 Auser, R. 108 C3



- Ausetani 96 D2  
 Ausonian Mts. 86 D2  
 Austuriani 151 F2, G3  
 Autariatae 62 A1, B1  
 Autricum 136 B3  
 Auximum 95 C2; 108 D3; 119 C2  
 Auzia 150 C1; 154 B1  
 Avaricum 136 B3; 138 A4  
 Aveia 92 C2  
 Aventicum 136 D3; 138 B4  
 Avernus, L. 111 G1  
 Avon, R. 134 D2  
 Axia 82 C5  
 Axima 136 D4  
 Axios, R. 2 B1; 9 B1; 30 C1; 32 C1,  
     D1; 62 C2; 143 D4  
 Axos, Vaxus 16 C4; 72 D5; 156 B2  
 Azali 138 E4  
 Azotus 74 B5; 166 A4  
 Azov, Sea of 50 C1
- Babba 150 A1  
 Babylon [Aegyptus] 167 B2  
 Babylon [Mesopotamia] 18 D3; 58 A4,  
     E4; 64 D3; 162 D4  
 Babylonica 18 D3; 64 D4  
 Bacchias 167 B2  
 Bacoli (Bauli) 111 G1; 115 B2  
 Bactra 19 G2; 65 G2; 71 G2  
 Bactria 19 G2; 65 G2; 71 H3  
 Bad Cannstatt 140 C3  
 Bad Nauheim 140 B1  
 Badias 154 B1  
 Baecula 96 B3  
 Baelo 144 B4  
 Baeterrae 136 C5  
 Baetica 124 A4; 128 A4; 144 B3; 170  
     A4; 176 A4  
 Baetis, R. 96 B3; 144 B3  
 Baetocaece 74 B4; 162 B4  
 Baetulo 144 E2  
 Baeturia 144 B3  
 Bagacum 138 A3  
 Baginton 131 D6  
 Bagradas, R. 97 E4; 104 C3; 150 C3;  
     151 B1  
 Bahr Yusuf, R. 167 B3  
 Baiae (Baia) 111 G1; 115 B2  
 Balad 162 D3  
 Balaneae 162 B3  
 Balari 146 B4, C3  
 Balatoni 146 B2  
 Balbura 73 G4  
 Baldock 131 D7  
 Baleares (Gymnesiae) Is. 96 D3; 144 E2  
 Balearicum Mare 144 D2  
 Balmuilty 134 B2  
 Balsa 144 A4  
 Bambyce *see* Hierapolis  
 Banasa 150 A1  
 Banna 133 B1  
 Bannatia 130 C3  
 Bannaventa 131 D6
- Bannoalium 131 D6  
 Bantia 92 E2; 109 F4  
 Baquates 150 A2, B2  
 Bar Hill 134 B1  
 Barbarium, Pr. 144 A3  
 Barca 14 D5; 151 G2  
 Barcino 144 E2  
 Bargylia 73 F4; 158 A4; 160 B4  
 Bargylus, M. 162 B3  
 Baria 144 C4  
 Barium 84 D4; 109 F3  
 Barochan 134 A2  
 Barra 94 E4  
 Barygaza 54 E3  
 Basileus, R. 156 B5  
 Basilica Therma 161 F3  
 Bassae 56 B3; 80 B3  
 Bassiana 143 C3  
 Bastuli 144 B4  
 Batavi 138 B2  
 Batiae 62 B3  
 Batitas 162 C3  
 Batnae 162 B3  
 Bauli (Bacoli) 111 G1; 115 B2  
 Bautica, R. 108 A2  
 Bauzanum (Pons Drusi) 108 C1  
 Bearsden 134 A2  
 Beberaci, L. 162 C3  
 Bedriacum 108 B2  
 Beersheba 166 A5  
 Begastrum 144 C3  
 Begorritis, L. 30 B1; 32 C1  
 Belbina 29 E2  
 Belerium 54 A1  
 Belerium, Pr. 131 A8  
 Belgae 131 C7  
 Belgica 128 C2; 136 C2; 138 A3, B3;  
     140 A2; 170 C2; 176 B2, C2  
 Belginum 140 A2  
 Bellunum 108 C1  
 Benacus, L. 108 B1  
 Bendorf 140 A1  
 Beneventum/Malventum (Benevento)  
     84 C4; 92 E2; 94 D3; 97 G3; 109  
     E4; 111 F4; 115 C1  
 Benningen 140 C3  
 Berbati 6 C3  
 Berenice [Aegyptus] 70 B5; 167 D5  
 Berenice [Cyrene] 151 G2; 173 D5  
 Berenice/Pella [Palaeatina] 74 B5; 166  
     C2  
 Berezan Is. 15 F2; 50 A1  
 Bergen 140 B2  
 Bergidum 144 B1  
 Bergomum 108 B2  
 Beroc 62 D1  
 Berocia [Macedonia] 32 C2; 72 C1  
 Berocia [Syria] 74 C3; 161 G5; 162 B3  
 Berones 144 C1  
 Bertha 130 C3  
 Berytus/Laodicea 74 B4; 162 A4  
 Bessi 105 E2  
 Beth Gabra/Eleutheropolis 166 B4
- Beth Horon 166 B4  
 Bethar 166 B4  
 Betharamatha/Livias-Julias 166 C4  
 Bethlehem 166 B4  
 Bethlephie 166 B4  
 Bethsaida/Julias 166 C1  
 Bettolle 82 D4  
 Beulah 131 C6  
 Bezabde 162 D3  
 Bezereos 154 C2  
 Bibra 133 A2  
 Bilbilis 144 C2  
 Bilechas, R. 162 C3  
 Billaeus, R. 160 D1  
 Bingium 140 A2  
 Biora 146 C5  
 Biricianis 140 D3  
 Bisanthe 73 F1  
 Bishopton 134 A2  
 Bistonis, L. 31 E1  
 Bistue Nova 143 B3  
 Bistue Vetus 143 B3  
 Bithia, Bitia 97 E3; 146 C5  
 Bithynia 18 B2; 129 E4; 158 C1; 160  
     C2, D1; 171 F4; 177 E4  
 Bithynium/Claudiopolis 74 A1; 158 D2;  
     160 D2  
 Bituriges 136 B3, B4; 176 B2  
 Bizye 143 E4  
 Black Sea 50 B2  
 Blakehope 130 C4  
 Blanda Iulia 109 F4  
 Blandianus Saltus 151 A2  
 Blatobulgium 133 A1  
 Blaudus 73 F2  
 Blera 82 C5  
 Blestium 131 C7  
 Bocarus, R. 156 A5  
 Bochastle 130 B3  
 Bodotria Aestuarium 134 D1  
 Bodotria, R. 130 B3, C3  
 Boeae 29 D4  
 Boebe, Boibe, L. 7 C1; 30 C2; 32 D3  
 Böhming 140 E3  
 Boeotia 30 C3  
 Boii [Italia] 84 B2; 97 F1  
 Boii [Pannonia] 138 E4  
 Bola 94 B2  
 Bolbe, L. 30 C1; 32 D1  
 Bolbitine Mouth (Nile) 167 B1  
 Boliscus 47 E3  
 Bolsena *see* Volsinii  
 Bonna 128 C2; 136 C2; 138 B2; 170 C2  
 Bononia/Felsina 82 B2; 84 B2; 95 B1;  
     97 F1; 108 C2  
 Borbetomagus 138 C3; 140 B2  
 Bormiscus 46 C1  
 Borysthenes, R. 15 F2; 50 B1  
 Bosa 146 B4  
 Bospori Regnum 50; 105 F2; 129 F3;  
     171 F3  
 Bosporus [Thracian] 15 H1  
 Bosporus, Cimmerian 50 C2, D2

- Bostra 74 C5; 162 B5; 171 F5; 173 F5; 177 F5  
Bothwellhaugh 134 C2  
Botrys 162 B4  
Bouprasion 7 B3  
Bourton-on-the-Water 131 C7  
Bovianum 92 D2; 94 D2; 109 E4  
Bovianum Vetus 92 D2; 94 D2  
Bovillae 122 C2  
Bovium 131 C7  
Bracara Augusta 144 A2; 176 A3  
Bracciano, L. 86 B1  
Bradanus, R. 109 F4  
Braintree 131 E7  
Brampton 131 E6  
Branodunum 131 E6  
Branogenium 131 C6  
Bratananium 140 E4  
Braughing 131 D7  
Brauron 6 D3; 12 C3; 29 E2; 34 D4  
Bravoniacum 130 C4  
Brea 44 A1  
Brecon Gaer 131 C7  
Bremenium 130 C4  
Bremetenacum, 131 C5  
Bremia 131 B6  
Brescia *see* Brixia  
Bricindarioi 44 C4  
Bricinniae 38 D3  
Briga 131 D7  
Brigantes 131 C5, D5  
Brigantium [Hispania] 144 A1  
Brigantium [Raetia] 138 C4  
Brigetio 138 E4; 170 D3  
Brindisi *see* Brundisium  
Britannia 128 B2; 130–131; 176 B1  
Britannia Inferior 171 B2  
Britannia Superior 171 B2  
Britanniae (Diocese) 176 B1  
Britannicus Oceanus 131 D8  
Brithdir 131 B6  
Brixellum 95 B1; 108 B2  
Brixia (Brescia) 95 B1; 108 B2; 110 B1; 119 A1  
Brocavum 130 C4  
Brocolitia 133 C1  
Brocomagus 140 A3  
Brompton 131 C6  
Broomholm 133 A1  
Broxtowe 131 D6  
Bructeri 138 B2  
Brundisium (Brindisi) 84 D4; 94 B3; 97 H3; 109 G4; 111 G3  
Bruttii 84 D5  
Bruttium 109 G5  
Bryn-y-Gefailiau 131 B6  
Bu Njem 154 D2  
Bubastis 76 C1; 167 C1  
Bubon 73 G4; 158 B4  
Buch 140 D3  
Buchcephala 65 H3  
Buchetium 62 B3  
Bucra, Pr. 148 D4  
Burdigala 128 B3; 136 B4; 170 B3; 176 B3  
Bulla Regia 97 E4; 150 C3  
Burgh-by-Sands 133 A2  
Burghwallis 131 D5  
Burgundiones 138 E2  
Burnum 128 D3; 143 A4  
Burrium 131 C7  
Burunitanus, Saltus 151 A1  
Busiris 76 B1; 167 B1  
Butadae 34 B3  
Buthroton 32 A3  
Buto 76 B1; 167 B1  
Butua 143 B4  
Butzbach 140 B1  
Buxentum, 94 E4; 109 F4  
Byblus 74 B4; 162 A4  
Byllis 143 C4  
Byzacena 176 C4  
Byzantium 15 H1; 44 D1; 143 F2; 158 B1; 160 B1  
Cabeira 74 C1  
Caburum 108 A3  
Cabyle 62 D1; 143 E3  
Cacyparis, R. 38 E4  
Cacyrum 38 C3  
Cadder 134 B2  
Cadi 73 G2; 160 C3  
Cadousioi 19 E3  
Caecina, R. 108 C3  
Caedrus, R. 146 C4  
Caelia 109 F4  
Caelic Monte 140 C4  
Caelis, R. 130 C2  
Caenepolis 29 C4  
Caenys, Pr. 109 G6  
Caer Gai 131 C6  
Caere (Agylla) (Cerveteri) 82 C5; 84 B3; 86 B1; 92 B3; 110 D4; 122 B1  
Caermote 133 A2  
Caerphilly 131 C7  
Caersws 131 C6  
Caesaraugusta 144 D2  
Caesarea Germanica 158 B2  
Caesarea Pancaes or Philippi (Panion) 162 A4; 166 C1  
Caesarea/Strato's Tower 129 F5; 166 B2; 171 F5; 173 F5; 177 F5  
Caesarea (Iol) *see* Iol  
Caesarea (Mazaca) *see* Mazaca  
Caesarea [Pisidia] *see* Antioch(ia)  
Caesariensis, Mauretania 128 A5, B5; 150 C1; 170 B5; 176 B4  
Caesarobriga 144 B2  
Caesaromagus 131 E7  
Caesena 82 C2  
Caiatia 92 D3; 115 B1; 119 C4  
Caicos, R. 16 E1; 31 F3; 33 B2  
Caister-by-Yarmouth 131 E6  
Caistor 131 D5  
Calabria 109 F4, G4; 176 D3  
Calacte, Caleacte 38 D2; 148 D2  
Calacum 131 C5  
Calagurris 144 C1  
Calama 150 B4  
Caiatia 92 D3; 94 D3; 115 B1  
Calauria 12 B3; 16 C3; 29 D2  
Calcaria 131 D5  
Calchedon *see* Chalcedon  
Caleacte, Calacte 38 D2; 148 D2  
Caledonii 130 B2  
Cales (Calvi Vecchia) [Campania] 109 E4; 111 E4; 115 B1; 119 C4  
Cales [Umbria] 84 C4; 94 D3; 108 D3  
Callatis 15 F3; 143 E3  
Calleva Atrebatum (Silchester) 131 D7; 135 (Plan)  
Callinusa, Pr. 156 A5  
Callipolis 27 C1; 143 E4  
Calloniana 148 C3  
Calor, R. 115 B1  
Calpe, M. 144 B4  
Calvi Vecchia *see* Cales  
Calvisiana 148 D4  
Calycadnus, R. 74 B3; 161 E5  
Calydnioi 44 C3  
Calydon 6 B3; 7 B3; 10 B2; 29 B1  
Calymnos 31 F5; 33 B4  
Calynda 44 D3; 73 G4; 160 B5  
Camacha 161 H2  
Camarina 14 A2; 38 D4; 97 G4; 148 D4  
Cambodunum [Britannia] 131 D5  
Cambodunum [Raetia] 138 C4  
Camboglanna 133 B1  
Camboritum 131 E6  
Camelon 134 C1  
Camerinum 92 B2; 108 D3  
Camerton 131 C7  
Camicus 38 C3  
Camiurus, Kameiros 9 D4; 12 E3; 16 E3; 33 C5; 44 C4; 73 F5  
Campana, Via 90 A2; 115 B2  
Campani [Italia] 84 C4  
Campani [Sardinia] 146 C4, C5  
Campania 109 E4; 115; 176 C3  
Campanus, Ager 115 B2  
Campi Magni 97 E4, F4  
Campovalano 84 C3  
Camulodunum [1, Britannia] 131 C5  
Camulodunum [2, Britannia] 131 E7  
Cana 166 B2  
Canastraion, Pr. 32 E3  
Canatha 162 B4  
Candidum, Pr. 97 F4  
Canelata 146 C1  
Cannae (Canne della Battaglia), 97 G3; 99 (Battle); 109 F3; 111 F3  
Canonium 131 E7  
Canopic Mouth (Nile) 167 B1  
Canopus 76 B1; 167 B1  
Canovium 131 B5  
Cantabri 144 B1  
Cantiaci 131 E7  
Cantium 54 B2  
Cantium, Pr. 131 E7

Canusium 84 C3; 92 E2; 97 G3; 109 F4; 119 D4  
 Caparcotna 166 B2; 171 F5  
 Capena 86 B1; 92 B3; 119 B3; 122 B1  
 Capera 144 B2  
 Capernaum 166 C1  
 Capestrano 84 C3  
 Caphareus, Pr. 29 E1  
 Caphyae 29 C2; 72 C3  
 Capitoniana 148 D3  
 Capitulum 92 C3  
 Cappadocia 18 C2; 129 F4; 161 F3; 162 B2; 171 F4; 177 F4  
 Cappadox, R. 161 F3  
 Cappuck 130 C4  
 Capraria [Balears] 144 E3  
 Capraria [Italia] 108 C3  
 Caprae (Capri) 109 E4; 111 H2; 115 C3  
 Capsa 150 B5  
 Capua 84 C4; 92 D3; 94 D3; 97 G3; 109 E4; 115 B2; 119 C4  
 Caput Ferentinae 86 C2  
 Caput Tyrsi 146 C4  
 Carales, Caralis 52 C4; 97 F3; 128 C4; 146 C5; 170 C4; 176 C4  
 Carana 105 G2; 162 C2  
 Caranis 76 B2; 167 B2  
 Carbantorium 130 C3  
 Carbia 146 B4  
 Carcine 50 B1  
 Cardamyle [Chios] 33 A3  
 Cardamyle [Messenia] 7 C5; 29 C3  
 Cardean 130 C2  
 Cardia 27 C1; 31 F1  
 Cardiff 131 C7  
 Cardouchoi 18 D2; 58 D2  
 Cargill 130 C3  
 Caria 16 E3; 18 B2; 31 G4  
 Caria (Roman Province) 177 E4  
 Carians 9 D3  
 Carkin Moor 130 D4  
 Carmana 71 F4  
 Carmania 19 F4; 65 F4; 71 F4  
 Carmo 144 B3  
 Carni 84 C1  
 Carno 131 B6  
 Carauntum 128 D3; 138 E4; 143 B1; 170 D3  
 Carnutes 136 B3  
 Carpasia 156 D4  
 Carpathium Mare 31 F6, G6; 33 B6  
 Carpathos 31 F6  
 Carpetana, Iuga 144 B2, C2  
 Carpetani 96 B2, 3; 144 B2  
 Carpow 130 C3  
 Carrara 124 C3  
 Carreum Potentia 108 A2  
 Carrhae 74 C3; 161 H4; 162 C3  
 Carriceni 84 C3  
 Carriden (Veluniate) 134 D1  
 Carron, R. 134 C1  
 Carscoli, Carsoli (Carsoli) 94 C2; 109 D4; 110 D3  
 Carsulae 92 B3; 110 D3  
 Carteia 96 A4; 144 B4  
 Cartenna(e) 96 C4; 150 C1  
 Carthaea 60 C3  
 Carthage, Carthago 97 F4; 100 (Plan); 128 C4; 150 C3; 151 E1; 154 C1; 170 C4; 172 C4; 176 C4  
 Carthaginiensis 176 A3, B4  
 Carthago Nova 96 C3; 144 D3; 176 B4  
 Carvetii 130 C4  
 Caryae 46 C4  
 Caryanda 33 B4  
 Carystos 29 E1; 31 D4; 44 B3; 124 E4  
 Carzield 130 C4  
 Cascantum 144 C1  
 Casilinum 92 D3; 94 D3; 97 G3; 109 E4; 115 B2  
 Casinum 92 D3; 94 C2; 109 E4  
 Casium 167 C1  
 Casius, M. 162 B3  
 Casmeneae 14 B2; 38 D4  
 Caspia 19 F2  
 Caspian Gates 65 E3  
 Caspians 18 D2  
 Caspium Mare (Caspian Sea) 19 E2; 54 D2; 64 D1  
 Cassandra 70 A2; 72 C2  
 Cassia, Via 108 D3; 122 B1  
 Cassiope 32 A3  
 Cassope 32 B3; 62 B3; 72 B2  
 Castabala/Hierapolis 74 B3; 161 F4  
 Castel Collen 131 C6  
 Castel di Decima 82 D6; 86 B2  
 Castellammare di Stabia (Stabiae) 111 H1; 115 C2  
 Castellina Chianti 82 B3  
 Castelluccio di Pienza 82 C4  
 Castellum Dimmidi 154 B1  
 Castellum Mattiacorum 140 B2  
 Castellum Tibubuci 154 C2  
 Castlecary 134 C1  
 Castledykes 130 C3  
 Castlehill 134 A2  
 Castleshaw 131 C5  
 Castra Exploratorum 133 A1  
 Castra Hannibalis 94 A4  
 Castra Regina 138 D3; 140 E3; 170 C3  
 Castrum Inui 86 B2  
 Castrum Novum [Etruria] 94 A2; 108 D4  
 Castrum Novum [Picenum] 94 C1  
 Castrum Truentinum 92 C2; 109 D3  
 Castulo 96 B3; 144 C3  
 Castulonesis, Saltus 144 B3, C3  
 Casuentus, R. 109 F4  
 Catada, R. 97 F4  
 Catana, Catane, Catina 14 B2; 38 E3; 148 E3  
 Cataonia 18 C2  
 Cataractonium 130 D4  
 Cataracts (R.Nile) 76 C5; 167 C5  
 Catina *see* Catana  
 Catuvellauni 131 D7  
 Cauca 144 B2  
 Caucana 148 D4  
 Caucasus, M. 162 D1  
 Caudine Forks 92 E3; 115 C1  
 Caudini 84 C4  
 Caudium 84 C4; 92 E3  
 Caulonia 14 B2; 97 H3  
 Caunus 44 D3; 47 G4; 73 G4; 160 B5  
 Caurium 144 B2  
 Causennae 131 D6  
 Cautes Acraea 38 E3  
 Cavares 97 E1  
 Cayster, R. 9 D2; 16 E2; 31 G3; 33 B3, C3; 158 A3  
 Cebren 44 C2  
 Cecryphalea 29 D2  
 Celaena *see* Apame(i)a  
 Celeia 138 E4  
 Celenderis 161 E5  
 Celenza val Fortore 94 D2  
 Celetron 32 B2  
 Celeusum 140 E3  
 Celsa 144 D2  
 Celtiberi 96 C2; 144 C1  
 Celtici 144 A3  
 Cemenelum 136 D4  
 Cena 148 B3  
 Cenabum 138 A3  
 Cenchræa 29 D2  
 Cenestum 146 C2  
 Cenis, Mont 97 E1  
 Cenomani 84 A1; 97 F1  
 Centrites, R. 58 D2; 162 D2  
 Centumcellae 122 A1  
 Centurinum 146 C1  
 Centuripae 38 D3; 148 D3  
 Ceos 29 E2; 31 D4; 44 B3; 60 C3  
 Cephale 34 D5  
 Cephalonia 29 A1; 30 A3  
 Cephaloedium 38 C2; 148 C2  
 Cephisia 34 C3  
 Cephisos, R. 29 E1; 30 D4  
 Cepi 50 D2  
 Cerameis 34 B3  
 Ceramicus Sinus 33 C4, 5  
 Cerasos 33 C4; 44 C3  
 Ceras(o)us/Pharnaceia 15 G3; 50 D4; 58 D1; 74 C1; 161 G1; 162 B1  
 Cercina 97 F5; 150 C5  
 Cercinitis 15 G2; 50 B2  
 Cercinitis, L. 30 D1; 32 E1  
 Ceresius, L. 108 B2  
 Ceretani 144 D1  
 Ceretapa/Diocaesareia 160 C4  
 Cerinthos 7 D2; 9 B2; 32 D4  
 Cerveteri *see* Caere  
 Cervini 146 B1  
 Cerynia 156 B4  
 Chaboras, R. 162 C3  
 Chaeronea 29 C1; 30 C3; 32 D4; 61 (Battle)  
 Chala 148 D4  
 Chalandriani 2 C3  
 Chalastra 32 D2

Chalce 33 B5; 47 F5  
 Chalcedon, Calchedon 15 H1; 44 D1;  
 158 B1; 160 B1  
 Chalcidice 30 C1  
 Chalcis, Chalkis [Aetolia] 7 B3; 29 B1;  
 30 B3  
 Chalcis [Euboea] 16 C2; 29 D1; 30 D3  
 Chalcis [1, Syria] 74 C3; 162 B3  
 Chalcis [2, Syria] 74 B4  
 Chalos, R. 58 C2  
 Chalybes, 58 D1  
 Chamavi 138 B2  
 Chaonia [Epirus] 30 A2  
 Chaonia [Syria] 74 C3  
 Chaonians 62 A2  
 Characmoba 162 A5  
 Charax [Pontus Euxinus] 50 C2  
 Charax/Antioch 71 E4  
 Charterhouse 131 C7  
 Chatti 138 C2  
 Chauci 138 C1  
 Cheimerion, Pr. 32 A3  
 Chelif, R. 150 C1; 154 A1  
 Chelonatas, Pr. 29 B1  
 Chemtou 124 C4  
 Cherronesatae 44 C1  
 Cherronesus 44 C3  
 Chersonesos [Creta] 156 C2  
 Chersonesus [Hellespontus] 27 B1; 31  
 F1  
 Chersonesus [Pontus Euxinus] 15 G3;  
 50 B2  
 Chersonesos, Pr. [Euboea] 29 E1; 32 E4  
 Chersonesus, Pr. [Sardinia] 146 B6  
 Cherusci 138 C2  
 Chesterfield 131 D6  
 Chesterton [1, Britannia] 131 C6  
 Chesterton [2, Britannia] 131 D6  
 Chianciano 82 C4  
 Chieti 111 E3  
 Chios 16 D2; 31 E3; 33 A3; 44 B2; 158  
 A3; 160 A3  
 Chiusi *see* Clusium  
 Chorasmia 19 F1  
 Choriens, Rock of 65 G2  
 Chrysas, R. 38 D3; 148 D3  
 Chrysopolis 47 G1; 58 A1  
 Chullu 97 E4; 150 D1  
 Chytri 156 C5  
 Cibalae [143 B3  
 Cibra 73 G4; 158 B4; 160 C4  
 Ciciliano 119 B3  
 Cicones 9 C1  
 Cicucium 131 C7  
 Cierion 32 C3  
 Cierus/Prusias-on-Hypius 73 H1; 158  
 C2; 160 D2  
 Cilbiani 158 B3  
 Cilices 9 D2  
 Cilicia 18 B2; 102 E3; 158 D4; 161 E4,  
 F4; 162 A3; 171 F4; 177 F4  
 Cilician Gates (Pylae Ciliciae) 161 F4  
 Cilicius, Aulon 156 B4  
 Cillium 150 C4  
 Cilurnum 133 C1  
 Cimmerian Bosphorus 50 C2, D2  
 Cimmericum 50 C2  
 Ciminius, L. 82 C5  
 Cimolos 31 D4; 62 D4  
 Cindye 44 C3  
 Cingulum 108 D3  
 Cinna 161 E3  
 Circeii 94 B3; 109 D4  
 Circesium 162 C3  
 Circidius, R. 146 B2  
 Cirrha 16 B2; 29 C1; 30 C3  
 Cirta/Constantina 97 E4; 150 D1; 172  
 C4; 176 B2  
 Cirtensis, Numidia 176 B4  
 Cisalpina, Gallia 102 C2  
 Cissa 143 A4  
 Cissia 19 E4  
 Cissos, M. 30 C1; 32 D2  
 Cithaeron, M. 29 D1; 30 C4  
 Citium, Kition 2 E4; 53 G5; 74 B4; 156  
 C5  
 Cius/Prusias 73 G1; 158 B2  
 Civitas Camunnorum 108 B1  
 Clamptia 109 F5  
 Clanis, R. 82 C4  
 Clanius, R. 115 B2  
 Clapier, Col du 97 E1  
 Clarena 140 C4  
 Claros 56 D2; 80 D2  
 Clastidium 97 F1; 108 B2  
 Claudianus, M. 125 F6; 167 C3  
 Claudiopolis 161 E5  
 Claudiopolis/Bithynium 74 A1; 158  
 D2; 160 D2  
 Clausentum 131 D8  
 Clazomenae 16 D2; 31 F3; 33 B3; 44  
 C2; 73 E3  
 Cleddans 134 A2  
 Cleides Is. 156 D4  
 Cleitor 29 C2  
 Cleonae [Chalcidice] 44 B1  
 Cleonae [Peloponnesus] 7 C3; 29 C2  
 Cleopatris/Arsinoe 76 C2  
 Clodia, Via 108 C3, D3; 122 B1  
 Clota, R. 130 B3; 134 B2  
 Clunia 144 C2  
 Clunium 146 C1  
 Clupea 97 F4; 150 D3  
 Clusium (Chiusi) 82 C4; 84 B3; 92 B3;  
 95 B2; 108 D3; 110 D3  
 Cluvia 92 D2  
 Clyro 131 C7  
 Clysmia 167 C2  
 Cnidos (Nova) 31 G5; 33 B5; 44 C3;  
 158 A4; 160 A5  
 Cnidos (Vetus) 16 E3; 31 G5; 33 B5  
 Cnossus *see* Knossos  
 Coccium 131 C5  
 Cocinthus, Pr. 109 G5  
 Coclearia 146 C3  
 Cocusus 161 F4  
 Coela 143 E4  
 Coelbren 131 B7  
 Coele (Syria) 70 C3; 162 B3; 171 F5;  
 177 F4  
 Cömlekci, 10 E3  
 Colania 134 C1  
 Colchians 18 D1  
 Collatia 86 C1  
 Colline Metallifere 82 B4  
 Colline Pass 97 F2  
 Collippo 144 A2  
 Colomae 27 C1  
 Colonia Agrippina, Colonia Claudia  
 Ara Agrippinensium 136 C2; 138  
 B2; 176 C2  
 Colonia Ulpia Traiana 138 B2  
 Colonus 34 B3  
 Colophon 16 E2; 31 F4; 33 B3; 44 C3;  
 160 A4  
 Colossae, Kolossai 58 A2; 158 B4; 160  
 C4; 173 E4  
 Columbarium, Pr. 146 C3  
 Columnata 154 A1  
 Comama 158 C4; 160 C4  
 Comana [Cappadocia] 74 B2; 161 F3  
 Comana [Pontus] 74 C1; 161 F2  
 Combretovium 131 E7  
 Comiciana 148 C3  
 Commagene 129 F4; 161 E4, G4; 162  
 B2  
 Complutum 144 C2  
 Compsa 92 E2; 97 G3; 119 C4  
 Comum 108 B2; 119 A1  
 Concangis 133 D2  
 Concavata 133 A2  
 Concordia 95 C1; 108 C1  
 Condate 131 C5  
 Condercum 133 D1  
 Confluentes 140 A1  
 Conimbriga 144 A2  
 Consabura 144 C3  
 Consentia, Cosentia 84 D5; 94 A4; 97  
 G3; 109 F5  
 Constantina *see* Cirta  
 Contestani 144 D3  
 Contrebria 144 C2  
 Copais 6 C2; 29 D1; 30 C3  
 Copen, R. 65 G3  
 Copia 94 A3  
 Coptus 76 C4; 167 C4  
 Cora 94 B2; 122 C2  
 Coracesium 160 D5  
 Corconiana 148 C3  
 Corcyra 30 A2; 32 A3  
 Corda 130 C3  
 Corduba 96 B3; 128 A4; 144 B3; 170  
 A4; 172 A4; 176 A4  
 Coresia, Coressus 44 B3; 60 C3  
 Corfinium 84 C3; 92 C3; 109 E3  
 Corinium 143 A4  
 Corinium (Dobunnorum) 131 C7; 176  
 B2  
 Corinthiacus Sinus 29 C1

Corinthos 29 D2; 30 C4; 129 D4; 171 D4; 173 D4; 177 E4  
 Coriosopitum 133 C1  
 Coritani 131 D6  
 Cornovii 131 C6  
 Cornus 146 B4  
 Corone(i)a 7 C3; 29 D1; 30 C3  
 Corsi 146 B3, C3  
 Corsica 146; 170 C4; 176 C3  
 Cortona 82 C4; 92 A2; 97 F2; 108 C3  
 Corupedium 73 F3  
 Corycus 74 B3  
 Corycus, M. 33 A3  
 Corydallus, M. 34 A3, B3  
 Coryphasion, Pr. 29 B3  
 Cos 16 E3; 31 F5; 33 B5; 44 C3; 158 A4; 160 A4  
 Cosa 89 (Plan); 94 A1; 97 F2; 108 C4; 110 C3  
 Cosentia *see* Consentia  
 Cossaei 19 E3; 64 D3  
 Cossura, Cossyra 97 F4; 148 A4  
 Cotenna 160 D4  
 Cotiaenum 160 C3  
 Cottiae Alpes 128 C3; 136 D4; 170 C3; 176 C3  
 Cotyora 15 G3; 58 C1  
 Cramond 130 C3  
 Cran(a)e 6 A3; 29 A1; 30 A4; 60 A3  
 Cranius, M. 148 B3  
 Crannon 6 C1; 16 B1; 32 C3; 72 C2  
 Crassum, Pr. 146 B5  
 Crate(i)a/Flaviopolis 158 D2; 160 D2  
 Crathis, R. 109 F5  
 Crawford 130 C3  
 Cremna 158 C4; 160 C4  
 Cremona 95 B1; 97 F1; 108 B2; 114 (Battle)  
 Crestonia 46 C1  
 Creta, Crete 4; 16 C4, D4; 129 E5; 171 E5; 177 E4  
 Creusis 29 D1  
 Crexi 143 A3  
 Crimea 50 B2, C2  
 Crimisa, Pr. 109 G5  
 Crimisus, R. 38 B2; 148 B2  
 Crithote 27 C1; 60 D1  
 Crithote, Pr. 29 B1; 32 B4  
 Crocalana 131 D6  
 Crocodilopolis/Arsinoe 76 B2; 167 B2  
 Crocodilopolis/Pathyris 167 C4  
 Crocotus Campus (Crocus Field) 32 D3; 62 C3  
 Crommyon 29 D1; 46 C3  
 Crommyum, Pr. 156 B4  
 Cronium, M. 38 B3  
 Croton (Croton) 14 B1; 84 D5; 94 A4; 97 H3; 109 G5; 111 G5  
 Croy Hill 134 C1  
 Crustumerium 86 B1  
 Ctesiphon 162 D4  
 Cubulteria 92 D3  
 Cuicul 150 D1  
 Cumac, 14 A1; 81; 84 C4; 92 D3; 94 C3; 109 E4; 111 G1  
 Cumaseni 146 C2  
 Cunaxa 58 A4, E3  
 Cuneio 131 C7  
 Cuneus 144 A3  
 Cupra Maritima 95 C2  
 Cupra Montana 119 B2  
 Cures (Sabini) 84 B3; 86 C1; 92 C3; 119 B3; 122 C1  
 Curias Peninsula 156 B6  
 Curium 156 B6  
 Curubis 150 D3  
 Cusae 167 B3  
 Custodia Rubriensis 146 C4  
 Cyamosorus, R. 38 D3  
 Cyanaeae 160 C5  
 Cybistra 161 E4  
 Cyclades 31 D4, E4  
 Cyclopus Scopuli 148 E3  
 Cydnus, R. 161 E4, F4  
 Cydonia *see* Kydonia  
 Cyllandioi 44 D3  
 Cyllene 29 B2; 30 B4  
 Cyllene, M. 7 C3; 30 C4  
 Cyme [Aeolis] 16 D2; 31 F3; 33 B2; 44 C2  
 Cyme [Euboea] 32 E4  
 Cynaetha 72 C3  
 Cynopolis 167 B2  
 Cynos 32 D4  
 Cynoscephalae 30 C2; 100 (Battle)  
 Cynossema [Aegyptus] 167 A1  
 Cynossema [Hellespontus] 47 E2  
 Cynossema, Pr. 33 C5  
 Cynuria 30 C4  
 Cyparissiae 29 B2  
 Cyparissius Sinus 29 B2  
 Cyprus [Palaeſtina] 166 C4  
 Cyprus 2 E4; 156; 171 F5; 177 F4  
 Cyrenae, Cyrene 14 D5; 40 (Plan); 129 D5; 151 G2; 171 D5; 177 D5  
 Cyreschate 19 G2  
 Cyrrhos [Macedonia] 30 C1; 32 C1  
 Cyrrhus [Syria] 74 C3; 129 F4; 161 G5; 162 B3  
 Cythera 29 D4; 30 C5  
 Cythnos 29 E2; 31 D4; 44 B3  
 Cytinium 32 C4; 46 C3  
 Cytorus 160 D1  
 Cyzicos 15 H1; 31 G1; 44 C1; 158 B2; 160 B2; 177 E4  
 Dacia 125 D3, E3; 143 C2; 171 D3  
 Dacia Mediterranea 177 E3  
 Dacia Ripensis 177 E3  
 Dadastana 160 C2  
 Dades, Pr. 156 B6  
 Daedalium 148 C4  
 Daha 19 F2  
 Daldis/Flaviocaesarea 158 B3; 160 B3  
 Dalginross 130 C3  
 Dalmatia 128 D3; 143 C3; 170 D3; 176 D3  
 Dalswinton 130 C4  
 Damascus 74 B4; 162 B4  
 Dambach 140 D3  
 Damnonii 130 B3, C3  
 Dandarii 50 D2  
 Danubius, Danuvius, R. 138 D3; 140 C4; 143; 177 D3  
 Danum 131 D5  
 Daphnae 167 C1  
 Daphnus 32 D4  
 Dardania 177 D3  
 Dardanii 62 B1  
 Dardanus 27 B2; 44 C1  
 Dareitai 19 F2  
 Darnis 151 G2; 177 E5  
 Dascusa 161 H3  
 Dascylion 31 G2; 33 C1  
 Daulis 29 C1; 32 D4  
 Dauni 84 C3  
 Dead Sea 166 C5  
 Decapolis 166 A1  
 Deceangli 131 C6  
 Decelea 34 C2; 46 C3  
 Delion, Delium 29 D1; 46 C3  
 Delminium 143 B4  
 Delos 16 D3; 31 E4; 44 B3; 78 (Plan)  
 Delphi 23 B2; 26 (Plan); 29 C1; 30 C3; 32 C4  
 Delphinion 47 E3  
 Delta (Nile) 167 B1  
 Demetae 131 B7  
 Demetrias 72 C2  
 Dendra 6 C3; 56 B3  
 Derbe 161 E4  
 Derrhis, Pr. 32 E2  
 Dertona 95 A1; 108 B2  
 Dertosa 96 C2; 144 D2  
 Derveni 6 C3  
 Derventio [1, Britannia] 130 C4  
 Derventio [2, Britannia] 131 D5  
 Derventio [3, Britannia] 131 D6  
 Derventio, R. [1, Britannia] 131 D5  
 Derventio, R. [2, Britannia] 131 D6  
 Deultum 143 E3  
 Deva 131 C5; 170 B2  
 Deva, R. [1, Britannia] 130 C2  
 Deva, R. [2, Britannia] 131 C6  
 Develtum 173 E3  
 Devona, R. 130 C2  
 Dhimini 2 B2; 56 B2  
 Diacria 34 C2  
 Diacrioi [Euboea] 44 A2  
 Diacrioi [Rhodes] 44 C4  
 Diana Veteranorum 150 D1  
 Dianae Portus 146 C2  
 Dianium [Hispania] 144 D3  
 Dianium [Italia] 108 C4  
 Dicaea 60 C1  
 Dicaeopolis 44 A1  
 Dictaeon Cave 10 D4  
 Dicte, M. 4 D2; 80 C4; 156 C2  
 Dictum 133 D2  
 Didyma 12 D3; 33 B4; 80 D3



- Didyme 38 D1; 148 D1  
 Dierna 143 C3  
 Dikili Tash 2 C1  
 Diluntum 143 B4  
 Dimaina 6 C3  
 Diocaesarea/Ceretapa 160 C4  
 Diocaesarea/Sepphoris 166 B2  
 Diolkos 56 B3  
 Diomedea Is. 109 E3  
 Dion, Dium [Chalcidice] 44 A1; 46 D1; 60 C1  
 Dion, Dium [Euboea] 32 D4; 60 B2  
 Dion, Dium [Palaestina] 74 B5; 166 D2  
 Dionysias 167 B2  
 Dionysopolis 143 E3  
 Dioscurias 15 H3  
 Dioscurias, Pr. 109 G5  
 Diospolis/Lyddā 166 B4  
 Diospolis Magna/Thebes, Thebes 7 C4; 167 C4  
 Diospolis Parva 167 C4  
 Diospontus 177 F3  
 Dium [Macedonia] 30 C2; 32 C2; 72 C1; 143 D4  
 Dium *see also* Dion  
 Divodurum 138 B3  
 Dobrudja 171 E3  
 Dobunni 131 C7  
 Docimium 125 E4; 160 C3  
 Doclea 143 C4; 177 D3  
 Dodecaschoenus 167 C5  
 Dodona 7 A1; 30 B2; 32 B3  
 Dolaucothi 131 B7  
 Doliche [Syria] 161 G4; 162 B3  
 Doliche [Thessalia] 32 C2  
 Dolopes 7 B2, C2  
 Dolopia 23 B2; 30 B3; 62 B3  
 Domavia 143 C3  
 Domitiana, Via 115 B2  
 Domitianopolis/Sala 158 B3  
 Domitianus, Saltus 151 A2  
 Dora 74 B5; 166 B2  
 Dorchester-on-Thames 131 D7  
 Dorion 6 B4; 7 B4  
 Doris 30 C3; 62 B3  
 Doriscos 23 D1; 31 E1  
 Dorn 131 D7  
 Dorylaeum 73 H2; 160 C2  
 Doschi 50 D1  
 Doulichion 7 A2; 9 A2  
 Doune 130 C3  
 Dramesi 6 D3  
 Drangiana, Drangiane 65 F3, G3; 71 G3  
 Dravus, R. 143 B2  
 Drepana, Drepanum 38 A2; 97 F4; 148 A2  
 Drepanum, Pr. [Aegyptus] 167 C3  
 Drepanum, Pr. [Cyprus] 156 A5  
 Dreros 12 D4; 16 D4; 73 E5; 156 C2  
 Drobeta 143 D3  
 Druentia, R. 97 E1  
 Drumquhassle 134 A1  
 Drymusa 33 A3  
 Dubris 131 E7  
 Dumnonii, 131 B8  
 Dumnonium, Pr. 131 A8  
 Dunblane 130 C3  
 Duntocher 134 A1  
 Dunum 131 C8  
 Dura Europus 70 C3; 74 D4; 162 C4  
 Duria, R. 108 A2  
 Durius, R. 96 A2; 144 B2  
 Durnovaria 131 C8  
 Durobrivae [1, Britannia] 131 D6  
 Durobrivae [2, Britannia] 131 E7  
 Durocobrivis 131 D7  
 Durocornovium 131 C7  
 Durocortorum 128 C2; 136 C2; 138 A3; 170 C2  
 Duroliponte 131 E6  
 Durolitum 131 E7  
 Durostorum 143 E3; 171 E3  
 Durotriges 131 C8  
 Durovernum Cantiacorum 131 E7  
 Durovigutum 131 D6  
 Dyme 29 B1; 72 B3  
 Dyrrachium, Dyrrhachium 72 A1; 97 H2; 105 D2; 143 C4; 177 D3; *see also* Epidamnus  
 Dystos 29 E1; 56 C2  
 Easter Happrew 130 C3  
 Eborā 144 A3  
 Eburacum 131 D5; 170 B2; 176 B1  
 Ebuodunum 136 D4; 176 C3  
 Ebusus 52 B4; 96 C3; 144 D3  
 Ecbatana/Epiphaneia 19 E3; 64 D3; 71 E3  
 Echetla 38 D3; 148 D3  
 Echinades Is. 29 B1  
 Echinai 7 A3  
 Echinus 32 D4  
 Echzell 140 B1  
 Ecnomus, M. 38 C3; 97 G4  
 Edessa [Macedonia] 30 C1; 32 C1; 72 C1  
 Edessa/Antioch [Osroene] 74 C3; 161 H3; 162 C3; 173 F4; 177 F4  
 Edetani 96 C2  
 Eetionea 34 B3  
 Egnatia, Via 105 E2; 143 D4  
 Egnazia (Gnathia) 84 D4; 111 G3  
 Egypt (Aegyptus) 76; 167  
 Eileithyia 4 C2  
 Eileithyia 167 C4  
 Eion 23 C1; 32 E1; 44 A1  
 Elaea 33 B2; 73 F3  
 Elaea, Pr. 156 C4  
 Elaeus 15 G1; 27 A2; 143 E4  
 Elaussa/Sebaste 161 E5  
 Elaiticus Sinus 33 A2, B2  
 Elam 19 E3  
 Elaphonisi 6 C5  
 Elate(i)a 2 B2; 30 C3; 32 D4; 62 C3  
 Elatos, M. 29 A2; 30 B4  
 Elatria 62 B3  
 Elea *see* Velia  
 Elefantaria 146 C3  
 Eleon 6 D3  
 Elegeia 162 C1  
 Elephantine 76 C5; 167 C5  
 Eleusis 29 D1; 30 D4; 34 A3  
 Eleutherna 72 D5; 156 B2  
 Eleutheropolis/Beth Gabra 166 B4  
 Eleutherus, R. [Sicilia] 148 B2  
 Eleutherus, R. [Syria] 162 B4  
 Elginhaugh 130 C3  
 Elimiotis 62 B2  
 Elis 16 B2; 29 B2; 30 B4  
 Ellingen 140 D3  
 Elslack 131 C5  
 Elusa 176 B3  
 Elymais 71 E4  
 Elymi 38 A2  
 Elyros 156 A2  
 Emathia 9 B1  
 Embario 2 D2; 12 D2; 56 C2  
 Emerita Augusta 128 A4; 144 B3; 170 A4; 176 A3  
 Emerkingen 140 C4  
 Emesa 74 C4; 162 B4; 173 F4; 177 F4  
 Emmaus/Nicopolis 166 B4  
 Emona 143 A2  
 Emporia [Africa] 97 F5  
 Emporiae, Emporium 14 B3; 96 D2; 144 E1  
 Ems 140 A1  
 Engedi 166 C5  
 Engyrum 38 D2; 148 D2  
 Enienes 7 A1, B1  
 Enkomi 2 E4  
 Enna, Henna 38 D3; 81; 97 G4, H5; 148 D3  
 Ennetach 140 C4  
 Enope 7 C5  
 Entella 38 B2; 148 B2  
 Eordaea 62 B2  
 Epeians 7 A3, B3  
 Ephesos/Arsinoe 16 E2; 31 F4; 33 B3; 44 C3; 73 F3; 129 E4; 158 A3; 160 A4; 171 E4; 173 E4; 177 E4  
 Ephyra 7 A2; 80 A2  
 Epiacum 133 B2  
 Epidamnus 14 D3; 46 A1; 72 A1; *see also* Dyrrachium  
 Epidauros 16 B3; 29 D2; 30 C4  
 Epidauros Limerā 6 C5; 29 D3; 30 C5  
 Epidaurum 143 B4  
 Epidium, Pr. 130 B4  
 Epiphan(e)ia [Syria] 74 C4; 162 B3  
 Epiphaneia/Ecbatana, *see* Ecbatana  
 Epirus 16 A1; 30 A2; 105 D3  
 Epirus (Roman Province) 171 D4  
 Epirus Nova 177 D4  
 Epirus Vetus 177 D4  
 Eporedia 95 A1; 108 A2  
 Eravisci 138 F4  
 Eravica 144 C2



Erchia 34 C3  
 Ercolano *see* Herculaneum  
 Eresos, Eressus 33 A2; 44 B2  
 Eretria 16 C2; 29 E1; 30 D3  
 Eretum 86 C1; 92 C3  
 Ericus(s)a 38 D1; 148 D1  
 Erineos 46 B3  
 Eriza 73 G4  
 Ermoucha, R. 151 B2  
 Erucium 146 B3  
 Erymanthos, M. 7 B3; 30 B4  
 Erythrae [Boeotia] 29 D1; 30 C3  
 Erythrae [Ionia] 16 D2; 31 F3; 33 A3; 44 C2  
 Erythraeum, Mare 54 D3, E3; 167 D3  
 Eryx 38 A2; 97 F4; 81; 148 A2  
 Erzerum 58 D1  
 Esdraelion, Plain of 166 B2  
 Eteocretans 9 D4  
 Ethiopia, Aethiopia 18 B5; 167 C6  
 Ethiopians (Asiatic) 19 G4  
 Etruria 82; 108 C3; 122 B1  
 Etrusci 84 B3  
 Euboea [Graecia] 29 E1; 30 D3; 32 E4  
 Euboea [Sicilia] 38 D3  
 Euboean Hollows 23 C2, 3  
 Eucarpia 160 C3  
 Euchaita 161 F2  
 Euhemeria 167 B2  
 Euhesperides 14 D5  
 Eulbach 140 C2  
 Eumencia 73 C3; 160 C3; 173 E4  
 Euonymum 34 B4  
 Euonymus 38 E1; 148 E1  
 Eupalium 46 B3  
 Eupatoria 74 C1  
 Euphrates, R. 18 D3; 65 C3; 70 D3; 161 H2, 5; 162 D4; 177 G5  
 Eurydicea *see* Smyrna  
 Euripos 30 C3; 32 D4  
 Euromos 33 B4  
 Europa (Roman Province) 177 E3  
 Europos, R. 30 C2; 32 C3  
 Europus [Syria] 74 C3; 162 B3  
 Europus/Rhagae 65 E3; 71 E3  
 Eurotas, R. 29 C3; 30 C5  
 Eurymedon, R. 160 D4  
 Eurymenae 32 B3  
 Eusebeia *see* Mazaca  
 Eusebeia *see* Tyana  
 Eutaea 29 C2  
 Eutresis 2 B2; 6 C3; 7 D3  
 Euxinus, Pontus 50 C3; 162 B1  
 Ewell 131 D7  
 Ezion-Geber 53 G5  
  
 Fabrateria Nova 94 C2  
 Fabrateria Vetus 92 C3  
 Faesulae (Fiesole) 82 B3; 92 A2; 95 B2; 97 F2; 108 C3; 110 C2  
 Fagifulae 92 D2  
 Faimingen 140 D4  
 Falacrium, Pr. 148 E1  
  
 Falerii Novi (S.Maria di Falleri) 81; 82 C5; 84 B3; 92 B3; 108 D3; 110 D3; 119 B3  
 Falerio 95 C2; 109 D3  
 Falernus, Ager 115 A2, B2  
 Falisci 84 B3  
 Falkirk 134 D1  
 Fanum Carisi 146 C4  
 Fanum Cocidi 133 B1  
 Fanum Fortunae (Fano) 84 B2; 95 C2; 97 G2; 108 D2; 110 D2  
 Faustopolis 161 E4  
 Faventia 82 C2; 108 C2  
 Fayum 76 B2; 167 B2  
 Febiana 140 C4  
 Felsina *see* Bononia  
 Feltria 108 C1  
 Fendoch 130 C3  
 Ferentinum (Ferentino) 86 D2; 92 C3; 111 E4; 119 B3  
 Ferentum 108 D3  
 Ferraria 146 C5  
 Ficana 86 B2  
 Ficara 146 B3  
 Ficulea 119 B3  
 Fidenae 82 D5; 86 B1; 94 B2; 108 D4; 122 B1  
 Fiesole *see* Faesulae  
 Finglandrigg 133 A2  
 Firmum Picenum 95 C2; 109 D3  
 Flanona 143 A3  
 Flaminia 176 C3  
 Flaminia, Via 90 D1; 108 D3; 122 B1; 123 B4  
 Flavia Caesariensis 176 B1  
 Flavia Solva 138 E4  
 Flaviobriga 144 C1  
 Flaviocaesarea/Daldis 158 B3; 160 B3  
 Flaviopolis [Cilicia] 161 F4  
 Flaviopolis [Thracia] 143 E4  
 Flaviopolis/Grate(i)a 158 D2; 160 D2  
 Flaviopolis/Lora 158 B3  
 Flaviopolis/Temenothyrae 158 B3; 160 C3  
 Fleet Marston 131 D7  
 Florentia 95 B2; 108 C3; 119 B2  
 Flosis, R. 108 D3  
 Forden Gaer 131 C6  
 Forentum 92 E2  
 Formia, Formiae 92 D3; 109 E4; 111 E4; 119 C4  
 Forum Appii 109 D4  
 Forum Claudii 115 A2  
 Forum Clodii [N.Etruria] 108 C3  
 Forum Clodii [S.Etruria] 108 D4; 119 B3; 122 B1  
 Forum Cornelii 108 C2  
 Forum Fulvii Valentinum 108 B2  
 Forum Gallorum 104 C2  
 Forum Germanorum 108 A3  
 Forum Hadriani 138 B2  
 Forum Iulii [Narbonensis] 136 D5  
 Forum Iulii [Venetia] 108 D1  
  
 Forum Iulium 108 B2  
 Forum Novum 108 B2  
 Forum Popilii [Aemilia] 108 C2  
 Forum Popilii [Campania] 115 A2  
 Forum Sempronii 108 D2  
 Forum Traiani/Aquae Hypsitanae 146 B4  
 Forum Vibii 108 A3  
 Fossae Phoeniciae 97 E5, F5  
 Franchthi Cave 2 B3  
 Francolise Villas 111 E4  
 Frankfurt a. M. 140 B2  
 Frauenberg 140 E3  
 Fregellae 92 D3; 94 C2; 109 E4  
 Fregenae 94 B2  
 Frentani 84 C3  
 Friedberg 140 B1  
 Friniates 84 A2  
 Frisii 138 B1  
 Frusino 92 C3  
 Fucinus, L. 109 D4  
 Fulfinium 143 A3  
 Fulginiae 92 B2  
 Fundi 92 D3; 109 E4; 119 C3  
  
 Gaba 166 B2  
 Gabae 71 E4  
 Gabala 162 B3  
 Gabii (Osteria dell' Osa) 86 C2; 110 D4; 119 C1  
 Gabrosentum 130 C4  
 Gabula 162 B3  
 Gadara [Gaulanitis] 74 B5; 166 C2  
 Gadara, Gadora [Peraea] 166 C4  
 Gades, 52 A4; 54 A2; 96 A4; 144 B4  
 Galatia 70 B3; 129 F4; 158 D3; 160 C4–161 F2; 171 F4; 177 F4  
 Galava 130 C4  
 Galepsos 32 E1; 44 A1; 46 D1  
 Galeria 38 D3  
 Galilee 166 B1, C1  
 Galilee, Sea of 166 C2  
 Gallaei 144 A1  
 Gallacia 176 A3  
 Gallia 136; 138  
 Gallia Cisalpina 102 C2  
 Gallia Transalpina 102 B2  
 Galliae (Diocese) 176 B2  
 Gallicum Fretum 131 E8  
 Gamala 166 C2  
 Gandara 19 H2  
 Ganganorum, Pr. 131 B6  
 Ganges, R. 54 E3  
 Gangra/Germanicopolis, 74 B1; 161 E2; 173 F3; 177 F3  
 Ganos 62 E2  
 Garamantes 151 E2, F2  
 Garganus, Pr. 109 F3  
 Gariannum 131 E6  
 Gariannus, R. 131 E6  
 Gaudos 97 G4  
 Gaugamela 64 C3; 68 (Battle)  
 Gaul 136, 138

Gaulanitis 166 D1, 2  
 Gaulus 148 A4  
 Gauraina 161 G3  
 Gaurion 31 D4  
 Gavdhos 4 B3; 156 A2  
 Gaza 64 B3; 74 B5; 166 A5; 173 F5  
 Gazara 166 B4  
 Gedrosia 19 G4; 54 D3; 65 G4; 71 G4  
 Geislingen am Rhein 140 B4  
 Gela 14 A2; 38 D3  
 Gela, Gelas, R. 38 D3, 4; 148 D3  
 Gelligaer 131 C7  
 Gemellae[Africa] 154 B1  
 Gemellae [Sardinia] 146 C3  
 Gemelli Colles 148 C3  
 Genova 136 C4  
 Genève, Mont 97 E1  
 Genoni 97 F3  
 Genua 97 F1; 108 B3  
 Georgikon 6 B1  
 Geraestos 29 E1  
 Geraistos, C. 9 C3  
 Gerania 30 C4  
 Gerasa 74 B5; 166 D3; 167 D2  
 Gerizim, M. 133  
 Germa 158 D2; 160 D2  
 Germania 176 C2  
 Germania Inferior 128 B2; 136 C2; 138 B2; 170 C2  
 Germania Magna 136 D1; 138 C2  
 Germania Superior 128 C3; 136 D3; 138 B4; 140 B4; 170 C3  
 Germanic(e)ia 161 G4; 162 B2  
 Germanicopolis 160 D5  
 Germanicopolis *see also* Gangra  
 Germanicum 140 E3  
 Germanicum Mare 138 A1  
 Germanicus Oceanus 130 D3, 4  
 Gernsheim 140 B2  
 Geronthrai 29 C3  
 Gerunda 144 E1  
 Gerunium 97 G2  
 Gesoriacum 136 B2; 138 A2  
 Getae 62 E1  
 Ghadames 154 C2  
 Gheria-el-Garbia 154 C2  
 Gigia 144 B1  
 Gighis 150 C6  
 Gindarus 74 C3; 162 B3  
 Girba 150 C5  
 Gischala 166 C1  
 Gitane 32 A3  
 Gla 6 C2; 56 B2  
 Glannoventa 130 C4  
 Glanum 136 C4  
 Glasgow Bridge 134 B2  
 Glaucus, R. 162 C1  
 Glemona 108 C1  
 Glenloch 130 B4  
 Glevum 131 C7  
 Glycys Limen 32 A3  
 Gnathia (Egnazia) 84 D4; 111 G3  
 Gnotzheim 140 D3  
 Gobannium 131 C7  
 Golgi 156 C5  
 Gomadingen 140 C4  
 Gomphei 30 B2; 32 C3; 72 B2  
 Gonnos 12 B1; 30 C2; 32 C3  
 Gophna 166 B4  
 Gorbeus 160 D2  
 Gorditanum, Pr. 146 B3  
 Gordium 64 B2; 74 A2; 160 D2  
 Gordyene 162 D2  
 Gorgippia 50 D2  
 Gorneae 162 D1  
 Gortyn(a) 9 C4; 16 C4; 56 C4; 73 D6; 129 E5; 156 B2; 171 E5; 173 E4; 177 E4  
 Gournia 4 D2  
 Grabaei 62 A1  
 Graccurreis 96 C2; 144 C1  
 Graiae et Poeninae, Alpes 136 D3, 4; 176 C3  
 Granianum, Pr. 146 C2  
 Granicos, R. 27 C2; 31 F1; 64 A2; 67 (Battle); 160 A2  
 Gravisca(e) 52 D3; 82 C5; 84 B3; 94 A1; 110 D3  
 Great Casterton 131 D6  
 Great Chesterford 131 E7  
 Great Dunmow 131 E7  
 Great St. Bernard 97 E1  
 Greta Bridge 130 D4  
 Grimenothyrae/Traianopolis 158 B3  
 Grinario 140 C4  
 Gr.-Gerau 140 B2  
 Gr.-Krotzenburg 140 B2  
 Grotta 2 C3; 10 C3  
 Grumentum 94 E4; 97 G3; 109 F4  
 Gryncion 33 B2  
 Gubbio *see* Iguvium  
 Gulf Is. 19 F5  
 Guntia 140 D4  
 Gunugu 150 C1  
 Gunzenhausen 140 D3  
 Gurulis Nova 146 B4  
 Gurulis Vetus 146 B4  
 Gyaros 31 D4  
 Gygaian, L. 9 D2  
 Gymnesiae (Balears) Is. 96 D3; 144 E2  
 Gymnias 58 D1  
 Gyron(e) 7 C1; 46 C2  
 Gytheion 29 C3; 30 C5; 72 B4  
 Habitanum 133 C1  
 Hadranum *see* Adranum  
 Hadria 94 D1; 109 E3  
 Hadriana, Via 167 C3  
 Hadrianea 160 B3  
 Hadriani Murus 130 C4, D4; 133 (Plan)  
 Hadrianopolis [Lycaonia] 160 D2  
 Hadrianopolis [Thracia] 143 E4; 177 E3  
 Hadrianutherac 160 B2  
 Hadrumetum 97 F4; 150 C4; 151 E1; 176 C4  
 Haemimontus 177 E3  
 Haemus, M. 62 D1; 143 E3  
 Haerae 44 C3  
 Hafa 146 B4  
 Hagnus 34 C4  
 Hainstadt 140 B2  
 Halae 32 D4  
 Halae Axonides 34 C4  
 Halae Araphenides 34 D3  
 Halaesa 38 D2; 148 D2  
 Halheim 140 D3  
 Haliacmon, R. 2 B1; 30 B2, C1; 32 C2; 62 B2  
 Haliartos 6 C3; 7 C3; 29 D1  
 Halicarnassos 16 E3; 31 G5; 33 B4; 36 (Plan); 44 C3; 73 F4; 158 A4; 160 B4  
 Halicyae 148 B2  
 Halicis 29 D2; 46 C4  
 Halimus 34 B4  
 Halonnesos 31 E2; 62 D2  
 Halos 32 D4  
 Haltwhistle Burn 133 B1  
 Haluntium 148 D2  
 Halus 23 B2; 62 C3  
 Halycus, R. 38 B3; 148 C3  
 Halys, R. 18 C2; 58 C1; 74 B2; 161 E2, F2  
 Hamaxitus 47 E2  
 Hamworthy 131 C8  
 Hanau-Kesselstadt 140 B2  
 Hardham 131 D8  
 Harpagium 47 F1  
 Harpasos, R. 58 D1  
 Hassocks 131 D8  
 Hasta 108 A2  
 Hatra 162 D3  
 Hayton 131 D5  
 Heba 82 B5; 94 A1; 108 C3  
 Hebron 166 B5  
 Hebrus, R. 31 F1; 62 D1; 143 E4  
 Hecale 34 C2  
 Hecatompylus 65 E3; 71 F3  
 Hecatonnesi 33 A2  
 Heddesdorf 140 A1  
 Heftrich 140 B1  
 Heidekringen 140 B2  
 Heidelberg 140 B3  
 Heilbronn-Böckingen 140 C3  
 Heircte, M. 38 B2; 97 G5  
 Heldenbergen 140 B1  
 Helice 29 C1  
 Heliopolis [Aegyptus] 76 B1; 167 B2  
 Heliopolis [Syria] 162 B4  
 Hellas 7 C2  
 Hellespont(os) 27; 31 F2; 33 A1  
 Hellespontus (Roman Province) 177 E4  
 Helorus 14 B2; 38 E4; 97 H6; 148 E4  
 Helorus, R. 38 E4; 148 E4  
 Helos 7 C5; 29 C3  
 Helvetii 136 D3; 138 B4  
 Hemeroscopeum 96 C3  
 Henchir Mettich 151 B2

- Heniochi 162 C1, D1  
 Henna *see* Enna  
 Hephaestia 31 E2; 44 B1  
 Heptanomia 167 B2  
 Heracleia [Caria] 56 D3; 160 B4  
 Heraclea, Heracleia (Policoro) [Lucania]  
   97 H3; 109 F4; 111 G4  
 Heracle(i)a [Lyncestis] 30 B1; 32 B1; 62  
   B2; 143 C4  
 Heracleia [Thracia] 143 D4  
 Heraclea Minoa 38 B3; 97 G4, 5; 148  
   B3  
 Heraclea (Pontica) 15 F3; 50 A4; 74 A1;  
   158 D1; 160 D1  
 Heraclea (Trachinia) 32 C4; 46 C3; 72  
   C3  
 Heraclea/Pleistarcheia 73 F4  
 Heracleia *see* Perinthus  
 Heracleion 30 C2  
 Heracleopolis (Magna) 76 B2; 167 B2  
 Heraea 72 B4  
 Heraei, M. 38 D4; 148 D4  
 Heraeum (Argos) 12 B3  
 Heraeum, Heraion [Samos] 2 D3; 10 D3  
 Heraeum (Cymbé) 148 D4  
 Heraion Teichos 62 E1  
 Herat/Alexandria (Aerea) 65 F3; 71 G3  
 Herbessus [1, Sicilia] 38 B3; 97 G5  
 Herbessus [2, Sicilia] 38 D4  
 Herbita 38 D2  
 Herculanum (Ercolano) 111 H1; 115  
   C2; 118 (Plan)  
 Hercules Musinus (Shrine) 86 B1  
 Herculeum, Pr. 109 G6  
 Herculis, Pr. 131 B7  
 Herdonia(e) (Ordona) 92 E2; 97 G2;  
   109 F4; 111 F3  
 Hermaeum, Pr. [Africa] 97 F4  
 Hermaeum, Pr. [Sardinia] 146 B4  
 Herminius, M. 144 A2  
 Hermione 7 D4; 23 B3; 29 D2  
 Hermonassa 50 D2  
 Hermonthis 76 C4; 167 C4  
 Hermopolis 76 C1  
 Hermopolis (Magna) 76 B3; 167 B3;  
   173 F5  
 Hermopolis (Parva) 76 B1; 167 B1  
 Hermos, R. 9 D2; 16 E2; 31 G3; 33 C2;  
   158 A3; 160 A3  
 Hernici 84 B3  
 Herodion 166 B4  
 Heroopolis 76 C1; 167 C1  
 Heroopoliticus, Sinus 167 C2  
 Heshbon 166 D4  
 Hesselbach 140 C2  
 Hestiaea *see* Histiaea  
 Hexalophos 6 B1  
 Hibernia 130 A4  
 Hibernicus Oceanus 131 A5  
 Hibis 167 B4  
 Hiera 38 A2  
 Hiera Hephaesti Insula/Vulcani(a) 38  
   D1; 148 E1  
 Hieracopolis 167 C4  
 Hierapolis [Asia] 160 B4; 173 E4  
 Hierapolis/Bambyce 74 C3; 161 G5;  
   162 B3; 177 F4  
 Hierapolis/Castabala 74 B3; 161 F4  
 Hierapytna 73 E6; 156 C2  
 Hierasus, R. 143 E2  
 Hierasycaminus 167 C5  
 Hieron Oros 62 E2  
 Hieropolis 73 G3  
 Hierosolyma *see* Jerusalem  
 Himera 14 A2; 38 C2  
 Himera, R. [N.Sicily] 38 C2; 148 C2  
 Himera, R. [S.Sicily] 38 C3; 97 G5; 148  
   C3  
 Hippana 38 B2; 148 B2  
 Hipparis, R. 38 D4; 148 D4  
 Hippo Diarrhytus (Acra) 97 F4; 150 C3  
 Hippo Regius 97 E4; 150 B3, D1  
 Hipponium/Vibo Valentia 14 B1; 84  
   D5; 94 A4; 109 G5; 111 G5; 119 D5  
 Hippius/Antioch 74 B4  
 Hirminus, R. 148 D4  
 Hirpini 84 C4  
 Hispalis 104 A3; 144 B3  
 Hispania Citerior 96 B3, C3; 102 A2,  
   B2  
 Hispania Ulterior 96 B3; 102 A3  
 Hispaniae (Diocese) 176 A3  
 Hispellum (Spello) 95 C2; 108 D3; 110  
   D3  
 Histiaea, Hestiaea/Oreus 9 B2; 30 C3;  
   32 D4; 44 A2; 72 C3  
 Histonium 109 E3  
 Histri 84 C1  
 Histria 108 D1; 138 D4; 176 C3  
 Histria/Istrus 15 F3; 143 E2  
 Hod Hill 131 C8  
 Hofheim a. Ts. 140 B2  
 Holzhausen 140 B1  
 Horncastle 131 D6  
 Horreum Margi 143 C3  
 Hostilia 108 C2  
 Hunzel 140 A1  
 Hyampolis 7 C2  
 Hybla 148 D4  
 Hybla Geleatis 38 D3  
 Hyccara 38 B2; 148 B2  
 Hydaspes, R. 65 H3; 69 (Battle)  
 Hyde 9 D2  
 Hydissus 44 C3  
 Hydraotes, R. 65 H3  
 Hydrea 29 D2  
 Hyllos, R. 9 D2  
 Hymettus, M. 34 C3  
 Hypanis, R. 15 F2; 50 B1  
 Hypata 32 C4  
 Hyperesia 7 C3  
 Hyphasis, R. 65 H3  
 Hypsa(s), R. 38 B2; 148 B3  
 Hypselis 167 B3  
 Hyrcania [ad Caspium Mare] 19 E3,  
   F3; 65 E2; 71 E3  
 Hyrcania [Palaestina] 166 C4  
 Hyrcanis 73 F3  
 Hyrgales 158 B3, C3  
 Hyrie 7 D3  
 Hyrtakina 156 A2  
 Hysiai 16 B3  
 Hysius, R. 162 C1  
 Hyttenneis 18 B2  
 Iaca 144 D1  
 Iader 97 G2; 143 A4  
 Iaitas, Ietas 38 B2; 148 B2  
 Ialysos 2 E3; 9 E3; 10 E3; 12 E3; 16  
   E3; 33 C5; 44 C4  
 Iamo 144 E2  
 Iapudes 104 D2  
 Iapyges 84 D4  
 Iapygium, Pr. 109 G4  
 Iasos 2 E2; 33 B4; 44 C3; 47 F4; 73 F4  
 Iazyges 138 E4, F4; 171 D3  
 Iberi 162 D1  
 Ibericum Mare 144 C4, D4  
 Iberus, R. 96 C2; 144 D2  
 Icaria, Icaros 31 F4; 33 A4; 60 D3  
 Icarium 34 C2  
 Icarus [Persian Gulf] 71 E4  
 Icenii 131 E6  
 Ichnae 74 C3; 162 C3  
 Ichthyophagi 167 D4  
 Ichthys, Pr. 29 B2  
 Iconium, Ikonion 58 B2; 74 A2; 158  
   D4; 160 D4; 173 F4  
 Icos 32 E3; 60 C2  
 Icosium 96 D4; 150 C1  
 Ida, M. [Creta] 4 C2; 80 C4; 156 B2  
 Ida, M. [Troas] 9 D2; 31 F2; 33 A1  
 Idaean Cave 4 C2; 12 C4; 156 B2  
 Idalium 156 B5  
 Idomene 46 B2  
 Idubeda, M. 144 C2  
 Idumaea 166 B5  
 Idyma 44 D3; 160 B4  
 Iesso 144 D2  
 Ietas *see* Iaitas  
 Igaeditani 144 A2  
 Igilium 82 B5; 108 C4  
 Iguvium (Gubbio) 84 B2; 92 B2; 108  
   D3; 110 D3  
 Ikonion *see* Iconium  
 Ilerda 104 B2; 144 D2  
 Ilergavones 144 D2  
 Ilergetes 96 C2; 144 D1  
 Iliberis 96 D2  
 Iliberris 144 C4; 172 A4  
 Ilici 96 C3; 144 D3  
 Ilienses 146 C4  
 Ilium, Ilium 27 A2; 31 F2; 33 A1; 158  
   A2; 160 A2; *see also* Troy  
 Ilipa 96 A3; 144 B3  
 Iliturgi [Hispania Citerior] 96 C3  
 Iliturgi [Hispania Ulterior] 96 B3  
 Illyricum 102 C2; 105 D2  
 Ilorci 96 C3

- Iluro 144 E2  
 Ilva 82 A4; 108 C4  
 Ilyratum 50 C2  
 Imachara 148 D3  
 Imbros 27 A2; 31 E2; 33 A1; 44 B1  
 Inatos 4 D3; 156 C2  
 India 19 H4; 54 E3; 65 H3  
 Indus, R. [India] 19 H3, 4; 54 E2; 65 H4  
 Indus, R. [Lycia] 158 B4; 160 B4  
 Industria 108 A2; 119 A2  
 Ineravon 134 D1  
 Inessa 38 D3  
 Infer(n)um/Tyrrhenum Mare 107; 108 B4, C4  
 Ingauni 84 A2  
 Inheiden 140 B1  
 Insubres 84 A2; 97 F1  
 Insulae (Roman Province) 177 E4  
 Interamna (Nahars) 84 B3; 92 B3; 108 D3  
 Interamna Lirenas 94 C2  
 Interamnia (Practuttianorum) 92 C2; 94 C1; 109 D3  
 Intercatia 144 B1  
 Intercisa 138 F4  
 Intibili 96 C3  
 Inveresk 130 C3  
 Inycum 38 B3  
 Iol (Caesarea) 96 D4; 128 B4; 150 C1; 170 B4; 176 B4  
 Iolchus, Iolkos 6 C1; 7 C1; 10 B2; 12 B2; 30 C2; 32 D3  
 Iomoussa 65 H3  
 Ionia 16 D2; 31 F3  
 Ionian Is. 2 A2  
 Ionium Mare 29 A2; 30 A5, B5; 148 E3  
 Ios 31 E5; 44 B3  
 Iouktas 4 C2  
 Iovisura 140 E4  
 Iping 131 D8  
 Ipni, Pr. 32 D3  
 Ipsus/Julia 73 H3; 158 C3; 160 C3  
 Irchester 131 D6  
 Irenopolis 160 D5  
 Iria Flavia 144 A1  
 Iris, R. 58 C1; 161 F1, 2  
 Irthing, R. 133 B1  
 Isara, R. [Narbonensis] 97 E1  
 Isara, R. [Raetia] 140 E4  
 Isaura 160 D4  
 Isauria 160 D4  
 Isauria (Roman Province) 177 F4  
 Isburus, R. 148 B3  
 Isca, R. 131 B8  
 Isca (Silurum) 131 C7; 170 B2  
 Isca Dumnoniorum 131 B8  
 Ischia 111 G1  
 Ismaros 9 C1  
 Issus 64 B3; 67 (Battle); 74 B3; 162 B3  
 Isthmia 10 B3  
 Istone, M. 32 A3; 46 A2  
 Istrus/Histria 15 F3; 143 E2  
 Isurium Brigrantum 131 D5  
 Italia (Diocese) 176 C3  
 Italica 96 A3; 144 B3  
 Italiotes 84 D4, 5  
 Italy 108, 109  
 Itanos 73 E5; 156 D2  
 Ithaca 29 A1; 30 A3  
 Ithome, M. 16 B3; 29 B3; 30 B5  
 Iulia (Ancyra) [Asia] 158 B3; 160 B3  
 Iulia/Ipsus, 73 H3; 158 C3; 160 C3  
 Iulia Augusta, Via 108 A3  
 Iulia Gordus 158 B3; 160 B3  
 Iulias/Bethsaida 166 C1  
 Iuliobona 136 B2  
 Iuliobriga 144 B1  
 Iuliopolis 158 C2; 160 D2  
 Iulis 29 E2; 31 D4; 60 C3  
 Iulium Caraicum 108 C1  
 Iuvavum 138 D4  
 Ixworth 131 E6  
 Jabbok, R. 166 C3  
 Jagsthausen 140 C3  
 Jannia 166 A4  
 Jaxartes, R. 19 G1; 54 D2; 65 F1  
 Jericho 74 B5; 166 C4  
 Jerusalem/Aelia Capitolina (Hierosolyma) 74 B5; 105 F4; 164 (Plan); 166 B4; 171 F5; 173 F5  
 Joppa 166 A3  
 Jordan, R. 74 B4; 162 A5; 166 C3  
 Jotapata 166 B2  
 Judaea 129 F5; 162 A5; 166 B4  
 Juli- *see* Iuli-  
 Jupiter Latiaris, Shrine of (Monte Cavo) 86 C2  
 Kabalioi 18 B2  
 Kaghyzman 58 E1  
 Kainai 58 E3  
 Kaine Polis 162 D1  
 Kakovatos 6 B4  
 Kalami 4 B2  
 Kalavarda 2 E3  
 Kalled, R. 151 B2  
 Kalogeros 6 A3  
 Kalos Limen 50 B2  
 Kalpes Limen 58 B1  
 Kalydnai 9 D3  
 Kamares 4 C2  
 Kambos 6 B4  
 Kameiros *see* Camirus  
 Kandahar/Alexandria (Arachosia) 65 G3; 71 G3  
 Kanli Kastelli 2 C4  
 Kantanos 156 A2  
 Kapersburg 140 B1  
 Karphi 4 D2; 10 D4; 56 C4  
 Kasos 9 D4  
 Kastri 2 B4; 6 C5  
 Kastro 12 C3  
 Kastrokephala 4 C2  
 Katarraktis 6 B3  
 Kato Syme 4 D3  
 Kavousi 12 D4; 156 D2  
 Kaystroupedion 58 B2  
 Kelainai *see* Apame(i)a  
 Kelvin, R. 134 B1  
 Kernel 140 B2  
 Kephala 2 C3  
 Kephissos, R. 7 C2, 3  
 Keramon Agora 58 B2  
 Kerkouane 97 F4  
 Keros 2 D3  
 Khamaizi 4 E2  
 Khania 4 B2  
 Khirokitia 2 E4  
 Khlemoutsi 6 A3  
 Kinneil 134 D1  
 Kirkbride 133 A2  
 Kirkham 131 C5  
 Kirkintilloch 134 B2  
 Kirriemuir 130 C2  
 Kissamos 156 A1  
 Kition *see* Citium  
 Kl. Feldberg 140 B1  
 Knossos, Cnossos 2 C4; 3 (Plan); 4 C2; 9 C4; 16 D4; 156 C2; 173 E4  
 Kolonna 2 B3; 6 D3  
 Kolossai *see* Colossae  
 Kommos 4 C3  
 Kopai 7 C3  
 Korakou 2 B3; 6 C3  
 Korifasion 6 B4  
 Korsote 58 D3  
 Kotroni 6 C4  
 Koukounara 6 B4  
 Kranae 7 C5  
 Krapathos 9 D4  
 Krebeni 6 B4  
 Krisa 6 C2; 7 C3  
 Ktouri 6 C1  
 Kuban, R. 50 E2  
 Kum Tepe 2 D1  
 Kydonia 16 C4; 72 D5; 80 C4; 156 A1  
 Kydonians 9 C4  
 Kynos 7 C2  
 La Rustica 86 B2  
 La(a)s 7 C5; 29 C3; 46 C4  
 Labici 94 B2  
 Labranda 33 B4  
 Labyrinthus 167 B2  
 Lacco Ameno 111 G1  
 Lacetani 144 D2, E2  
 Laciadae 34 B3  
 Lacimurga 144 B3  
 Lacinium, Pr. 109 G5  
 Lacobriga 144 A4  
 Laconia 30 C5  
 Laconicus Sinus 29 C3  
 Lactodurum 131 D7  
 Lade 33 B4  
 Lageina 160 D3  
 Lagentium 131 D5

- Lagina 73 F4  
Lambaesis 150 D1; 154 B1; 170 B5; 176 B4  
Lamia 23 B2; 30 C3; 32 C4  
Lamianus, Saltus 151 A2  
Laminium 144 C3  
Lampsacos 27 C1; 31 F1; 44 C1  
Lamptrae 34 C4  
Lancaster 131 C5  
Lancia 144 B1  
Langenhain 140 B1  
Langobardi 138 C2  
Lanuvium 81; 86 C2; 92 C3; 108 D4; 122 C2  
Laodicea [Syria] 74 B3; 162 B3; 173 F4  
Laodicea ad Libanum 74 C4  
Laodicea (on Lycus) 73 G3; 158 B4; 160 B4; 173 E4; 177 E4  
Laodice(i)a Catacecaumene (Combusta) 74 A2; 160 D4  
Laodicea *see also* Berytus  
Lapethus 156 B4  
Lappa 156 B2  
Laranda 161 E4; 173 F4  
Larinum 84 C3; 92 D2; 109 E3  
Larisa [Troas] 9 C2  
Larissa [Ionia] 56 D2  
Larissa [Mesopotamia] 58 E2  
Larissa [Syria] 74 C4; 162 B3  
Larissa [Thessalia] 23 B2; 30 C2; 32 C3; 62 B2; 177 D4  
Larissa Cremaste 32 D4  
Larius, L. 108 B1  
Las *see* La(a)s  
Lata, Via 90 C2; 121 B1; 123 C3  
Latina, Via 90 C4; 115 A1; 122 C2  
Latini 84 B3  
Latium 86; 109 D4; 122 B2, C2  
Latmos, M. 31 G4; 33 B4  
Latmus 44 C3  
Lato 56 C4; 156 C2  
Latopolis 76 C4; 167 C4  
Laurentium, Vicus Augustanus 122 B2  
Lauriacum 138 D4; 170 D3  
Laurium 34 D5  
Lauro 144 D2  
Laus 14 B1  
Laus Pompeia 108 B2  
Lautlingen 140 B4  
Lautulac 92 D3  
Lavatriis 130 C4  
Lavinium 86 B2; 92 C3; 110 D4; 122 B2  
Lease Rigg 131 D5  
Lebade(i)a 29 C1; 62 C3; 80 B2  
Lebedos/Ptolemais 33 B3; 44 C3; 73 F3  
Lebena 2 C4; 4 C3; 80 C4  
Lecce *see* Lupiae  
Lechaon 29 D2  
Lecton, Pr. 33 A1  
Lefkandi 2 C2; 6 D3; 10 C2; 56 B2  
Legio VII Gemina 144 B1; 170 A3  
Lelantine Plain 16 C2  
Lemesus (Nemesus, Neapolis) 156 B6  
Lemnos 31 E2; 44 B1  
Leon 38 E4  
Leontini 14 B2; 38 E3; 97 H5; 148 E3  
Leontion 29 C1  
Leontopolis [1, Aegyptus] 76 B1; 167 B1  
Leontopolis [2, Aegyptus] 76 B1; 167 B2; 177 F5  
Lepcis Magna 97 G6; 124 C5; 151 F2; 153 (Plan); 154 D2; 176 C5  
Lepcis Minor 97 F4  
Lepreon, Lepreum 23 B3; 29 B2; 46 B3  
Leptis 104 C3  
Lerna 2 B3; 29 C2; 30 C4; 56 B3  
Leros 33 B4; 60 D3  
Lesbos 16 D1; 31 F2; 33 A2; 160 A3  
Letocetum 131 C6  
Letopolis 76 B1; 167 B2  
Leucarum 131 B7  
Leucas, Leukas 2 A2; 23 A2; 30 A3; 32 A4, B4  
Leucate, Pr. 29 A1; 32 A4  
Leuce 27 C1  
Leuce Is. 50 A2  
Leuci 138 B3  
Leucimme 46 A2  
Leucimme, Pr. 32 A3  
Leucolla 156 C5  
Leucomagus 131 D7  
Leuconium 47 E3  
Leuconoe 34 B3  
Leucos Limen 167 D4  
Leucosia 156 B5  
Leucovia 130 B4  
Leuctra 29 D1; 30 C4; 59 (Battle)  
Libanus, M. 162 B4  
Libarna 108 B2  
Libisosa 144 C3  
Liburnia 143 A3, B3  
Libya 18 A3  
Libya Inferior 177 E5  
Libya Superior 177 D5  
Libycum Mare 38 B3; 148 B4  
Licca, R. 140 D4  
Ligures 84 A2  
Ligures Baebiani 119 C3  
Liguria 108 A3; 176 C3  
Ligusticum Mare 107  
Ligusticus Sinus 108 B3  
Lilaea 32 C4; 72 C3  
Lilybaeum 38 A2; 97 F4, G5; 148 A2  
Limenia 156 A5  
Limes (Africa) 154  
Limes (Rhine/Danube) 140  
Limnae 15 G1; 27 A1  
Limonum 136 B3  
Lindinis 131 C7  
Lindos 9 D4; 10 E4; 12 E4; 16 E4; 33 C6; 44 C4  
Lindum 128 B2; 131 D6; 176 B1  
Lingones [Gallia] 136 C3; 138 B4  
Lingones [Italia] 84 B2  
Lipadusa 148 A4  
Lipara 14 B2; 38 D1; 97 G3; 148 D1  
Liparaeae Is. 38 D1; 97 G3  
Lipsydrium 34 B2  
Liris, R. 109 D4, E4; 115 A1  
Lissos [Creta] 156 A2  
Lissus [Dalmatia] 97 H2; 105 D2; 143 C4  
Litemum (Literno) 94 C3; 111 G1; 115 B2  
Little St. Bernard 97 E1  
Livia-Julias/Betharamatha 166 C4  
Lixus 52 A4; 96 A4; 150 A1  
Llandovery 131 B7  
Llanfor 131 C6  
Locra, R. 146 B2  
Locri (Epizephyrii) 14 B2; 84 D5; 97 G4; 109 G5; 111 G5; 119 D5  
Locris 23 B2; 30 C3  
Locris, East 16 B2; 62 C3  
Locris, West 16 B2; 62 B3  
Londinium (Augusta) 124 B2; 128 B2; 137 D7; 170 B2; 176 B2  
Long Melford 131 E7  
Long Preston 131 C5  
Long Walls (Athens) 34 B3  
Longanus, R. 38 E2  
Longaricum 148 B2  
Longovicium 133 D2  
Longthorpe 131 D6  
Lopodunum 138 C3; 140 B2  
Lopsica 143 A3  
Lora/Flaviopolis 158 B3  
Lorch 140 C3  
Lorium 122 B1  
Loryma 47 F4  
Losodica 140 D3  
Loudoun Hill 130 B3  
Lousoi 12 B3  
Lousonna 138 B4  
Low Borrow Bridge 130 C4  
Loxa, R. 130 C2  
Luca 95 B2; 108 C3  
Lucani 84 C4  
Lucania 109 F4; 176 D4  
Lucentum 144 D3  
Luceria 84 C3; 94 E2; 97 G2; 109 E4  
Lucus Augusti 144 A1  
Lucus Deae Diae 122 B2  
Lucus Feroniae 82 D5; 86 C1; 94 B2; 108 D4; 119 B3; 122 C1  
Luentinum 131 B7  
Lützelbach, 140 C2  
Lugdunensis 128 B3; 136 B3; 138 A3, 4; 170 B3; 176 B2, C2  
Lugdunum 128 C3; 136 C4; 138 A4; 170 C3; 172 C3; 176 C3  
Lugudunum 131 D7  
Luguido 146 C3  
Lugervalium 133 A2  
Luna (Luni) 89 (Plan); 95 B2; 108 B3; 110 B3  
Lupia, R. 138 C2



Lupiae (Lecce) 84 D4; 109 G4; 111 H4  
 Lurinum 146 C1  
 Lusitani 104 A2  
 Lusitania 128 A4; 144 A2, B2; 170 A4;  
 176 A3  
 Lutetia Parisiorum (Paris) 135 (Plan);  
 136 B3; 138 A3  
 Lycaeum, M. 80 B3  
 Lycaonia 18 B2; 161 E4  
 Lychnidos 72 B1; 143 C4  
 Lychnitis, L. [Armenia] 162 D1  
 Lychnitis, L. [Macedonia] 30 A1; 32  
 A1, B1; 62 B2  
 Lycia 18 B2; 129 E4; 158 B4; 160 C5;  
 171 E4; 177 E4, F4  
 Lycians, Lycioi 9 E3; 44 D4  
 Lycopolis 76 B3; 167 B3  
 Lycos, R. [Aeolis] 31 C3; 33 B2  
 Lycosura 29 C2; 56 B3  
 Lycus, R. [Cyprus] 156 B6  
 Lydda/Diospolis 166 B4  
 Lydia 16 E2; 18 B2; 31 G3; 160 B3  
 Lydia (Roman Province) 177 E4  
 Lykastos 9 C4  
 Lyktos 9 C4  
 Lyncestis 62 B2  
 Lyne 130 C3  
 Lyrnessos 9 D2  
 Lysias 74 B3; 162 B3  
 Lysimacheia [Aeolis] 73 E3  
 Lysimacheia [Aetolia] 72 B3  
 Lysimacheia [Chersonesus] 27 C1; 70  
 B2; 73 E1  
 Lystra 158 D4; 160 D4  
 Lyttos 16 D4; 73 E5; 156 C2  
  
 Maa 2 E4  
 Macaria 30 B5  
 Macedonia 30 B1; 62  
 Macedonia (Roman Province) 129 D4,  
 E4; 171 D4, E4; 177 D4  
 Macella 38 B2; 97 G4  
 Macestos, R. 31 G2; 33 B1, C1; 158  
 B2, 3; 160 B3  
 Machaeros 166 C5  
 Macopsisa 146 B4  
 Macrini 146 C1  
 Macrones 18 C2, D2; 58 D1  
 Mactorium 38 D3  
 Madaba 166 C4  
 Madaurus 150 B4  
 Madnases 44 C3  
 Madytus 27 B2; 47 E2; 73 E2; 143 E4  
 Maeander, R. 16 E2; 31 G4; 33 C3; 158  
 B3; 160 B4, C4  
 Maedi 62 B1, C1  
 Maeonians 9 D2  
 Maeotians, Maitae 50 D1, 2  
 Maeotis Palus 50 C1, D1  
 Magiovinium 131 D7  
 Magis 130 C4  
 Maglona 133 A2  
 Magnesia [Thessalia] 23 B2; 30 C2; 62 C2  
 Magnesia (by Sipylus) 31 F3; 33 B2; 73  
 F3; 160 B3  
 Magnesia (on the Maeander) 16 E2; 31  
 G4; 33 B3; 73 F3; 160 B4; 173 E4  
 Magnesians 18 B2  
 Magnetes 7 C1  
 Magni Campi 97 E4, F4  
 Magnis [ad Hadriani Murum] 133 B1  
 Magnis [Britannia] 131 C7  
 Magnopolis 161 F2  
 Magnum 143 B4  
 Magnum, Pr. 144 A3  
 Magnus Portus 131 D8  
 Mago 52 C3; 96 D3; 144 E2  
 Maia 133 A2  
 Mainhardt 140 C3  
 Maitae, Maeotians 50 D1, 2  
 Maka 19 F5  
 Maktar 150 C4  
 Malabar Coast 54 E3, 4  
 Malaca 52 A4; 96 B4; 144 B4  
 Malazgirt 58 E2  
 Malea, Pr. [Lesbos] 33 A2  
 Malea, Pr. [Peloponnesus] 29 D4; 30 C5  
 Maleme 4 A2  
 Malis 23 B2; 62 B3  
 Mallia 4 D2; 56 C4  
 Malloi 65 H3  
 Mallus/Antioch 74 B3; 161 F5  
 Malta *see* Melita  
 Malthi 6 B4  
 Malventum *see* Beneventum  
 Malvesa 143 C3  
 Mamucium 131 C5  
 Manavia 131 B5  
 Manduessedum 131 D6  
 Manduria 84 D4; 111 G4  
 Manika 2 C2  
 Mantinea 16 B3; 29 C2; 30 C4  
 Mantinum 146 C1  
 Mantua 108 C2  
 Marathon 21 (Battle); 23 C3; 29 E1; 30  
 D4; 34 D2  
 Marathus 74 B4  
 Marcanda 65 G2; 71 G2  
 Marcianopolis 143 E3; 177 E3  
 Marcina 115 D2  
 Marcomanni 138 D3; 170 C3  
 Mardioli 19 E4  
 Mardoii 19 E3; 65 E3  
 Marea 76 B1; 167 B1  
 Mareotis, L. 167 B1  
 Margiana, Margiane 19 F2; 65 F2; 71  
 G3  
 Margidunum 131 D6  
 Margum 143 C3  
 Margus, R. 143 C3  
 Mariame 162 B4  
 Mariana 146 C1  
 Mariandyni 18 B2  
 Mariani, M. 144 B3  
 Marienfels 140 A1  
 Marisa 74 B5; 166 B5  
 Maritima 148 A2  
 Maritimae Alpes 128 C3; 136 D4; 170  
 C3; 176 C3  
 Marium/Arsinoe 74 A4; 156 A5  
 Marköbel, 140 B1  
 Marmariani 6 C1  
 Maronea [Attica] 34 D5  
 Marone(i)a [Thracia] 9 C1; 15 G1; 31  
 E1; 44 B1; 143 E4  
 Maroneus, M. 148 C2  
 Marrucini 84 C3  
 Marsi 84 B3, C3  
 Marsiliana 82 B5  
 Marzabotto 82 B2; 84 B2  
 Masada 164 (Plan); 166 C5  
 Mascula 150 D1  
 Masius, M. 162 C2  
 Massa Marittima 82 B4  
 Massagetai 19 G1  
 Massicus, M. 115 A2  
 Massilia 14 B3; 52 C3; 97 E2; 136 C5  
 Matianus/Urmia, L. 58 E2; 162 D2  
 Matiene 18 D3  
 Matisa 146 B2  
 Mattiaci 138 C3  
 Mauretania 128 A5, B5; 150 B1, C1;  
 170 A4, B5; 176 A4, B4  
 Maxima Caesariensis 176 B2  
 Maxula 150 D3  
 Mazaca (Caesarea, Eusebeia) 74 B2;  
 129 F4; 161 F3; 162 A2; 171 F4; 173  
 F4; 177 F4  
 Mazara 148 A3  
 Mazarus, R. 38 A2; 148 A3  
 Mecyberna 44 A1; 46 C1  
 Medeon [Acarmania] 46 B3  
 Medeon [Phocis] 6 C3; 10 B2; 12 B2  
 Media 19 E3; 64 D3; 71 E3; 162 D4  
 Media Atropatene 105 G3  
 Medianis 140 D3  
 Mediobogdum 130 C4  
 Mediolanum [Britannia] 131 C6  
 Mediolanum [Italia] 108 B2; 176 C3  
 Mediolanum Santonum 136 B4  
 Mediomatici 138 B3  
 Medma 14 B2  
 Medullius, M. 144 A1, B1  
 Mefineis, M. 115 A1  
 Megalopolis 29 C2; 30 B4; 72 B4  
 Megara 29 D1; 30 C4  
 Megara (Hyblaica) 14 B2; 38 E3; 97 H5;  
 148 E3  
 Melaina Acra 33 A2  
 Melas, R. [Pamphylia] 160 D4  
 Melas, R. [Sicilia] 148 E2  
 Melas Sinus 31 F1  
 Melfi 84 C4  
 Melia 12 D3  
 Meliboea, Meliboia 7 C1; 32 D3  
 Meligunis 38 D1  
 Melita (Malta) 52 D5; 97 G4; 148 A4  
 Melitaea 32 C4  
 Melitene 161 H3; 162 B2; 171 F4



Mellaria 144 B4  
Melos 16 C3; 29 E3; 31 D4; 44 B3  
Memphis 76 B2; 167 B2  
Menaë 38 D3; 148 D3  
Menapii 138 A2  
Mende 15 F1; 32 D2; 44 A1  
Mendes 76 C1; 167 C1  
Mendesian Mouth (Nile) 167 C1  
Menelaion 6 C4  
Menidi 6 D3; 12 C3  
Meninx 97 F5  
Menteith, L. 130 B3  
Merobriga 144 A3  
Meropis 12 D3  
Merv/Alexandria (Margiane) 65 F2; 71 G2  
Mesambria, Mesembria 15 F3; 143 E3  
Mesara Plain 4 C3  
Mesopotamia 18 C3, D3; 70 C3, D3; 162 C3  
Mesopotamia (Roman Province) 177 G4  
Mesopotamium 148 D4  
Mespila 58 E2  
Messana/Zancle 14 B2; 38 E2; 97 G4; 148 E2  
Messapii 84 D4  
Messene 29 B3; 30 B5; 62 B4  
Messenia 16 B3; 30 B5  
Messeniacus Sinus 29 C3  
Metagonium, Pr. 96 B4  
Metalla 146 B5  
Metallifere, Colline 82 B4  
Metapontum 14 B1; 84 D4; 97 H3; 109 F4; 111 G4  
Metaris Aestuarium 131 E6  
Metaurus 14 B2  
Metaurus, R. 97 F2; 108 D2  
Metchley 131 C6  
Metellinum 144 B3  
Methana 29 D2; 46 C4; 72 C4  
Methone [Macedonia] 15 F1; 30 C1; 32 C2; 44 A1  
Methone [Messenia] 29 B3; 30 B5  
Methone [Thessalia] 32 D3  
Methydrum 46 C4  
Methymna 16 D1; 31 F2; 33 A2; 44 C2  
Metulum 104 D2; 143 A3  
Mevania 92 B2  
Midea 6 C3  
Milatos, Miletos [Creta] 156 C2  
Miletos [Ionia] 16 E3; 31 F4; 33 B4; 37 (Plan); 44 C3; 158 A4; 160 A4  
Milev 150 D1; 172 B4  
Militana, Numidia 176 B4, C4  
Miltenberg-Altstadt 140 C2  
Miltenberg-Ost 140 C2  
Milton 130 C4  
Milyai 18 B2  
Mimas, M. 9 D2; 33 A3  
Mincius, R. 108 C2  
Minervium 94 A4  
Minturnae 92 D3; 94 C3; 109 E4; 111 E4; 115 A2  
Mirobriga [Baetica] 144 B3  
Mirobriga [Lusitania] 144 B2  
Misenum 109 E4; 115 B3  
Mistea 160 D4  
Moab 166 C5  
Mochlos 2 D4; 4 E2  
Modiana 167 D3  
Modiin 166 B4  
Modrene 160 D2  
Moenus, R. 138 C3  
Moeris, L. 167 B2  
Moesia (Diocese) 177 D4  
Moesia (Roman Province) 129 D4  
Moesia Inferior 143 E3; 171 E3, 4; 177 E3  
Moesia Superior 143 C3; 171 D3  
Moesia Superior Margensis 177 D3  
Mogentiana 143 B2  
Mogontiacum, Moguntiacum 128 C2; 136 D2; 138 C3; 140 B2; 170 C2; 176 C2  
Molaria 146 B4  
Mollins 134 B2  
Molossian Kingdom 62 B2  
Molossis 30 A2; 60 A2  
Mona 131 B5  
Monastiraki 4 C2  
Monoeci Portus 108 A3  
Monte Cavo 86 C2  
Monte Giove 95 C2  
Monteriggioni 82 B3  
Monti Sirai 97 E3  
Mopsuestia 74 B3; 161 F4  
Morae, R. 146 B2  
Morbium 130 D4  
Morgantina 38 D3; 97 H5; 148 D3  
Moricambe Aestuarium 131 C5  
Moridunum 131 B7  
Morini 138 A2  
Mosa, R. 138 B2  
Moschi 18 D2; 162 C1  
Mosella, R. 138 B3; 140 A2  
Mossynoeci 18 C2; 58 D1  
Motya 38 A2  
Motyum 38 C3  
Moxeani 158 C3  
Müskebi 2 D3  
Mulucha, R. 150 B2  
Mumrills 134 D1  
Munda 104 A3; 144 B3  
Mumichia 34 B4  
Municipium Augustum Veiens *see* Veii  
Municipium Iasorum 143 B2  
Munigua 144 B3  
Murgi 144 C4  
Murlo 82 C4; 84 B3  
Murrhardt 140 C3  
Mursa 143 B2  
Mursella 143 B2  
Mus 58 D2  
Muthul, R. 150 B4  
Mutina 95 B1; 108 C2  
Mutycia 148 D4  
Mycalë, Mykalë, M. 9 D3; 23 D3; 31 F4; 33 B4  
Mycalëssus 46 C3  
Mycenae 5 (Plan); 6 C3; 29 C2  
Myconos 31 E4; 44 B3  
Mygdonia 23 B1; 46 C1  
Mygdonis, R. 162 C2, 3  
Mylae 14 B2; 38 E2; 97 G4; 148 E2  
Mylasa 33 B4; 44 C3; 73 F4; 158 A4; 160 B4 Myndos 33 B4  
Myonnesos 33 B3; 73 E3  
Myra 129 E5; 160 C5; 171 E5; 177 E4  
Myrcinus 46 D1  
Myriandros 58 C2  
Myrina [Aeolis] 44 C2; 73 F3  
Myrina [Lemnos] 31 E2; 44 B1  
Myrle(i)a/Apamea 73 F1; 158 B2; 160 B2  
Myrmecium 50 C2  
Myrrhinus 34 D4  
Myrsinochori 6 B4  
Myrtilis 144 A3  
Myrtos 2 D4; 4 D3  
Myrtoum Mare 29 D3; 30 C5, D5  
Mysia 16 E1; 18 B2; 31 G2; 160 A2, B2  
Mysians 9 D1  
Mytilene 16 D2; 31 F3; 33 A2; 44 C2; 158 A2; 160 A3  
Myus 33 B4; 44 C3  
Myus Hormus 76 D2; 167 C3  
Myxorrouma 4 B2  
Nabataea 129 F5  
Nabataei 162 B4, 5; 167 D2  
Nacoleia 160 C3  
Nacrasa 73 F2  
Naissus 143 C3  
Nanstallon 131 B8  
Naples *see* Neapolis  
Napoca 143 D2  
Naraggara 97 E4  
Narbo (Martius) 128 B3; 136 C5; 170 B3  
Narbonensis 128 B3, C3; 136 C4; 170 B3, C3; 176 B3, C3  
Narce 82 D5  
Narnia 94 B1; 108 D3  
Narona 143 B3  
Narthacion 32 C4  
Nasamones 151 G2  
Natiso, R. 108 D1  
Naucratis 15 F5; 53 G5; 76 B1; 167 B1  
Naulochus 104 D3  
Naupactos 16 B2; 29 B1; 30 B3  
Nauplion 29 D2  
Naustathmus, Pr. 148 E4  
Nautaca 65 G2  
Navio 131 D5  
Naxos [Cyclades] 16 D3; 31 E5; 44 B3  
Naxos [Sicilia] 14 B2; 38 E2; 148 E2  
Nazareth 166 B2  
Nazianzus 161 E3  
Nea Makri 2 C2

Nea Nikomedia 2 B1  
 Neapolis (Naples) 14 A1; 92 D3; 97 G3;  
 109 E4; 111 H1; 115 B2; 119 C4  
 Neapolis (Nemesus, Lemesus) 156 B6  
 Neapolis [Africa] 97 F4; 150 D3  
 Neapolis [Mesopotamia] 70 D3  
 Neapolis [Palaestina] 166 B3  
 Neapolis [Propontis] 44 C1  
 Neapolis [Sardinia] 146 B5  
 Neapolis [Thracia] 15 F1; 31 D1; 32 E1  
 Neatham 131 D7  
 Nebrodes, M. 38 D2  
 Nechesia 167 D4  
 Neckarburken 140 C3  
 Nedinum 143 A4  
 Nemausus 136 C4; 176 B3  
 Nemea 12 B3; 29 C2; 30 C4  
 Nemesus (Lemesus, Neapolis) 156 B6  
 Nemetostatio 131 B8  
 Nemus Dianae 86 C2; 122 C2  
 Neocaesarea 162 B1; 173 F3; 177 F3  
 Nepet(e) 82 C5; 94 B1; 119 B3  
 Nephers 97 F4  
 Nepta 154 B2  
 Neptunia 94 A3  
 Neptunius, M. 148 E2  
 Neronianus, Saltus 151 B1  
 Nertobriga 144 C2  
 Nervii 138 A2  
 Nesactium 108 D1  
 Nestos, R. 31 D1; 32 F1; 62 C1; 143  
 D4  
 Ne(e)tum 38 E4; 148 E4  
 Nether Denton 133 B2  
 Neuburg 140 D4  
 Neuenheim 140 B3  
 Neviodunum 143 A2  
 Newbrough 133 C1  
 Newton-on-Trent 131 D6  
 Nicaea [Bithynia] 73 G1; 158 C2; 160  
 C2; 173 E4  
 Nicaea [Gallia] 14 B3  
 Nicaea [India] 65 H3  
 Nicaea [Locris] 32 C4; 62 C3  
 Nicephorium 74 C3; 162 C3  
 Nicer, R. 138 C3; 140 C3  
 Nichoria 6 B4; 10 B3  
 Nicomed(e)ia 73 G1; 129 E4; 158 C1;  
 160 C2; 171 E4; 173 E3; 177 E3  
 Niconium 50 A1  
 Nicopolis [Aegyptus] 129 E5; 171 E5  
 Nicopolis [Armenia Minor] 105 F2; 161  
 G2; 162 B1  
 Nicopolis [Epirus] 56 A2; 171 D4; 177  
 D4  
 Nicopolis [Syria] 161 G4; 162 B3  
 Nicopolis ad Istrum 143 D3  
 Nicopolis ad Nestum 143 D4  
 Nicopolis/Emmaus 166 B4  
 Nida 140 B2  
 Nidri 2 A2  
 Nidum 131 B7  
 Niederberg 140 A1  
 Niederbieber 140 A1  
 Niedernberg 140 C2  
 Niger, R. 54 B3  
 Nilopolis 173 F5  
 Nilus, R. 76 C5; 167 C5  
 Niniveh (Ninus) 162 D3  
 Niphates, M. 162 C2, D2  
 Nirou Khani 4 D2  
 Nisaea 29 D1  
 Nisibis/Antioch 74 D3; 162 C3  
 Nisyros 9 D3; 33 B5; 44 C4  
 Nola 92 E3; 94 D3; 97 G3; 109 E4; 115  
 C2  
 Nomentana, Via 122 C1; 123 A3  
 Nomentum 92 C3; 119 B3; 122 C1  
 Nora 97 F3; 146 C5  
 Norba [Latium] 94 B2  
 Norba [Lusitania] 144 B3  
 Norchia 82 C5  
 Norici 138 D4  
 Noricum 128 C3, D3; 138 D4; 170 C3,  
 D3  
 Noricum Mediterraneum 176 C3  
 Noricum Ripense 176 D2  
 Norium, Pr. 144 A1  
 Notion 33 B3; 47 F3  
 Nova Traiana, Via 162 A5  
 Novae 129 E3; 143 B4; 171 E3  
 Novaesium 128 C2; 138 B2  
 Novantae 130 B4  
 Novantarum, Pr. 130 B4  
 Novaria 108 A2  
 Novem Populi 176 B3  
 Novilara 84 B2  
 Noviodunum Equestrium 136 C3  
 Noviomagus [Batavorum] 138 B2  
 Noviomagus [Cantiacorum] 131 E7  
 Noviomagus [ad Mosellam] 140 A2  
 Noviomagus [ad Rhenum] 138 C3; 140  
 B3  
 Noviomagus Reginorum 131 D8  
 Novius, R. 130 B4  
 Nuceria (Alfaterna) 92 E3; 94 D3; 97  
 G3; 109 E4; 115 C2  
 Numana 84 C2  
 Numantia 96 C2; 144 C2  
 Numerus Syrorum 154 A1  
 Numidia 97 E4; 128 B5; 150 D1; 170  
 B5, C5  
 Numidia Cirtensis 176 B4  
 Numidia Militana 176 B4, C4  
 Nuntia 146 C1  
 Nure 146 B3  
 Nursia 92 B2  
 Nymphaei Portus 146 B4  
 Nymphaeum 50 C2  
 Nymphaeum, Pr. 32 E2  
 Nysa 73 F3  
 Nyssa 161 E3  
 Oa 34 C3  
 Oanis, R. 38 D4  
 Oasis Magna 167 A4, B4  
 Oasis Minor 167 A1  
 Oberflorstad 140 B1  
 Obernburg 140 C2  
 Oberscheidental 140 C2  
 Oberstimm 140 E4  
 Obulco 144 B3  
 Occaraba 162 B4  
 Ocelum, Pr. 131 E5  
 Ocelumduri 144 B2  
 Ochrid, L. 62 B2  
 Ocriculum 92 B3; 108 D3  
 Ocrinum, Pr. 131 A8  
 Octapitarum, Pr. 131 B7  
 Octodurum 176 C3  
 Odenwald 140 C2, 3  
 Odessus 15 F3; 143 E3  
 Odysseum, Pr. 148 E4  
 Oe 34 B3  
 Oea [Africa] 97 F5; 151 E2  
 Oea [Thera] 31 E5  
 Oeasso 144 C1  
 Ohringen 140 C3  
 Oeneon 46 B3  
 Oeniadae 29 B1; 46 B3; 56 A2  
 Oenoanda 73 G4; 160 C5  
 Oenoe [N.E.Attica] 34 D2  
 Oenoe [N.W.Attica] 34 A2  
 Oenoe [Corinthia] 29 D1  
 Oenoe, Oine [Icaros] 33 A4; 44 B3; 60  
 D3  
 Oenophyta 29 D1  
 Oenotri 84 C4  
 Oenussae Is. 29 B3  
 Oescus 129 E3; 143 D3  
 Oesyme 32 E1; 46 D1  
 Oetylos 7 C5; 29 C3  
 Offenburg 140 A4  
 Oglasa 108 C4  
 Oine *see* Oenoe  
 Oisyme 15 F1  
 Oitylos *see* Oetylos  
 Okarben 140 B1  
 Okehampton 131 B8  
 Olba 74 B3; 161 C5  
 Olbasa 158 C4; 160 C4  
 Olbia [Gallia] 14 B3  
 Olbia [Pontus Euxinus] 15 F2; 50 B1  
 Olbia [Sardinia] 97 F3; 146 C3  
 Olcades 144 C2, 3  
 Olcinium 143 C4  
 Old Carlisle 133 A2  
 Old Church 133 B2  
 Old Kilpatrick 134 A1  
 Olenacum 131 C5  
 Olenos 29 B1  
 Olgassys, M. 161 E1  
 Oliaros 31 E5  
 Olizon 7 D2; 32 D3  
 Ollius, R. 108 B2  
 Oloosson 7 B1; 23 B1; 32 C3  
 Olophyxus 44 A1  
 Olous 12 D4; 156 C2  
 Olpae 32 B4; 46 B3

Olympene 158 B2  
 Olympia 16 B3; 29 B2; 30 B4; 41 (Plan)  
 Olympus [Lycia] 160 C5  
 Olympus, M. [Bithynia] 160 C2  
 Olympus, M. [1. Cyprus] 156 B5  
 Olympus, M. [2. Cyprus] 156 D4  
 Olympos, M. [Ionia] 31 F3; 33 B3  
 Olympos, M. [Macedonia] 30 C2; 32 C3  
 Olynthos 23 B1; 30 C1; 32 D2; 44 A1  
 Ombi 167 C4  
 Ombi, Ombos 76 C4; 167 C5  
 Omphace 38 C3  
 Onchestos 7 C3  
 Onnum 133 C1  
 Onoba 144 A4  
 Onugnathos, Pr. 29 D4  
 Ophis, R. 162 C1  
 Ophiussa 144 D3  
 Opie 140 D3  
 Opini 146 C2  
 Opinum 146 C2  
 Opis 58 B4, E3; 64 D3  
 Opitergium 108 C1  
 Oplontis (Torre Annunziata) 111 H1  
 Opocis 7 C2  
 Opous, Opus 16 B2; 23 B2; 29 D1; 32 D4  
 Oppidum Novum 154 A1  
 Opus, Pr. 29 C1  
 Orbetello 82 B5  
 Orca 54 B2  
 Orchoi/Uruk 70 D4  
 Orchomenos [Boeotia] 2 B2; 29 D1; 30 C3; 32 D4  
 Orchomenos [Peloponnesus] 7 C4; 16 B2; 29 C2; 30 C4  
 Orcistus 160 D3  
 Ordessus 50 A1  
 Ordonia *see* Herdonia(e)  
 Ordovices 131 B6  
 Oreitae 65 G4  
 Orestis 62 B2  
 Oretana, Iuga 144 B3  
 Oretani 96 B3; 144 B3  
 Oretum 144 C3  
 Oreus *see* Histiaea  
 Orgus, R. 108 A2  
 Oricum, Oricus 72 A1; 97 H3; 105 D3  
 Oriens (Diocese) 177 F5  
 Orisa 162 B4  
 Orneae, Orneai 7 C4; 46 C4  
 Orolaunum 138 B3  
 Orongis 96 B3  
 Orontes, R. 74 B4; 161 F5; 162 B3  
 Oropia 34 B1  
 Oropos 29 E1; 30 D3; 34 C1  
 Orospeida, M. 144 C3  
 Orthosia 162 B4  
 Ortoplina 143 A3  
 Orvietto 82 C4; 110 D3  
 Osca 96 C2; 144 D1  
 Oscla 108 A2  
 Osci 84 C4  
 Ospringe 131 E7  
 Osrhoene 162 B3, C3; 177 G4  
 Ossa, M. 7 C1; 30 C2; 32 D3  
 Ossonoba 144 A4  
 Osteodes 38 B1  
 Osterburken 140 C3  
 Osteria dell' Osa *see* Gabii  
 Ostia 86 B2; 94 B2; 108 D4; 110 D4; 113 (Plan); 119 B3; 122 B2  
 Ostiensis, Via 90 A4; 123 E1  
 Ostracine 167 C1  
 Othoca 146 B4  
 Othona 131 E7  
 Othrys, M. 30 C3  
 Otrus 173 E4  
 Otzaki 2 B1  
 Ourania 156 D4  
 Outioi 19 F4  
 Ouxioi 19 E4  
 Ovetum 144 B1  
 Ovilava 138 D4; 176 C2  
 Owmbly 131 D5  
 Oxus, R. 19 G2; 54 E2; 65 F5; 71 G2  
 Oxyrhynchus 76 B2; 167 B2  
 Pachynum, Pachynus, Pr. 38 E4; 97 G4; 148 E4  
 Pactolos, R. 31 G3; 33 C3  
 Pactye 27 C1  
 Padus, R. 97 E1, F1; 108 C2  
 Paecania 34 C3  
 Paeligni 84 B3, C3  
 Paecomians 9 B1; 62 B1  
 Paconidae 34 B2  
 Paestum (Poseidonia) 14 B1; 81; 84 C4; 92 E3; 94 D4; 109 F4; 111 F4  
 Paesus 27 C1  
 Pagae 29 D1  
 Pagasae 30 C2; 32 D3  
 Pagasaeus Sinus 32 D3  
 Palaea 156 C5  
 Palaepercote 27 C2  
 Palaestina (Roman Province) 177 F5  
 Palaestina, Syria 171 F5  
 Palaikastro [Creta] 4 E2  
 Palaikastro [Peloponnesus] 6 B4  
 Palaipaphos 2 E4; 156 A6  
 Palantia 146 B1  
 Pale 23 A3; 60 A3  
 Palestine 166  
 Palestrina *see* Praeneste  
 Palice 38 D3  
 Palinurus, Pr. 109 F5  
 Pallae 146 C3  
 Pallantia 144 B1  
 Pallantion 29 C2  
 Pallene [Attica] 34 C3  
 Pallene [Chalcidice] 23 B1, C1; 30 C2  
 Pallia, R. 108 D3  
 Pallicum Fretum 146 B3  
 Palma 144 E2  
 Palmae (Tamaricii) 148 E2  
 Palmyra 162 B4  
 Paltus 162 B3  
 Pamisos, R. 29 C2, 3; 30 B4, 5  
 Pamphylia 18 B2; 129 E4; 158 C4; 160 D4, 5; 171 E4; 177 E4, F4  
 Pandateria 109 E4  
 Pandosia 32 A3; 62 B3  
 Paneas 166 C1  
 Pangaeus, M. 30 D1  
 Panhormus *see* Panormus  
 Panion *see* Caesarea Philippi  
 Panionion 16 E2  
 Pannonia 128 D3  
 Pannonia Inferior 138 E4, F4; 143 B3, C3; 170 D3; 176 D3  
 Pannonia Superior 138 E4; 143 B2; 170 D3; 176 D2  
 Pannoniae (Diocese) 176 D3  
 Panopeos 6 C2; 7 C3  
 Panopolis 76 C3; 167 C3  
 Panormus [Achaea] 46 B3  
 Panormus, Panhormus [Sicilia] 38 B2; 97 G4; 148 B2  
 Pantagias, Pantagyas, R. 38 E3; 148 E3  
 Panticapaeum 15 G2; 50 C2  
 Pantimathoi 19 F2  
 Panzano 82 B3  
 Paphlagonia 18 B2; 58 B1  
 Paphlagonia (Roman Province) 177 F3  
 Paphus 129 F5; 156 A6; 171 F5; 177 F4  
 Pappa/Tiberiopolis 160 D4  
 Paraetacene 65 E3  
 Paraetonium 76 A1; 167 A1  
 Parapamisos 19 H3; 65 G2  
 Parauaea 62 B2  
 Parentium 95 C1; 108 D1  
 Parga 6 A1  
 Parikanioi 19 E3  
 Parikaroi 19 G4, H4  
 Parion, Parium 27 C1; 31 F1; 44 C1; 158 A2; 160 A2  
 Paris *see* Lutetia Parisiorum  
 Parisata 6 A3  
 Parisi 131 D5  
 Parisii 138 A3  
 Parium *see* Parion  
 Parlais 158 C3; 160 C4  
 Parma 95 B1; 108 B2  
 Parmassus 161 E3  
 Parnassos, M. 7 C3; 29 C1; 30 C3; 32 C4  
 Parnes, M. 30 D4; 34 B2  
 Parnon, M. 30 C5  
 Paroikia 2 C3  
 Paropamisadae 65 G2  
 Paropus 38 C2; 148 C2  
 Paros 16 C3; 31 E5; 44 B3  
 Parrhasia 7 B4  
 Parrodonum 140 D4  
 Parthenicum 148 B2  
 Parthenios, R. 58 B1  
 Parthia 19 F3; 65 E3, F3; 71 F3; 105 G3; 129 G5; 162 D4; 171 G4  
 Parthini 105 D2

Pasargadai 19 E4; 65 E4  
 Passaron 32 B3  
 Pat(t)ala 65 H4; 71 H4  
 Patara/Arsinoe 73 G5; 158 B5; 160 C5  
 Patavium 108 C1  
 Patelles 2 D3  
 Pathyris/Crocodilopolis 167 C4  
 Patmos 31 F4; 33 A4  
 Patrae, Patras 6 B3; 29 B1; 30 B4  
 Patraea 50 D2  
 Patulcenses 146 C4, 5  
 Pauca 146 B2  
 Paucae, R. 146 B2  
 Pausikani 19 F2  
 Pautalia 143 D3  
 Pax Julia 144 A3  
 Paxos 32 A3  
 Pedalium, Pr. 156 C5  
 Pedasa 44 C3  
 Pedasos 9 D2  
 Pediaeus, R. 156 B5, C5  
 Pedum 92 C3  
 Pegae 46 C3  
 Pelagonia 62 B1  
 Pelinna 32 C3  
 Pelion 30 B1; 32 B2  
 Pelion, M. 7 C1  
 Pella 30 C1; 32 C1; 62 B2; 143 D4  
 Pella/Berenice 74 B5; 166 C2  
 Pellanes 6 B4  
 Pellene 7 C3; 46 C3; 72 C3  
 Peloponnesus 29  
 Pelorus, Pr. 38 F1; 97 H5; 148 E2  
 Pelos 2 C3  
 Peltai 58 B2  
 Peltuinum 92 C2; 119 C3  
 Pelusiac Mouth (Nile) 167 C1  
 Pelusium 76 C1; 167 C1; 177 F5  
 Pelva 143 B4  
 Pen Llwyn 131 B6  
 Pen Llystyn 131 B6  
 Pen-y-Darren 131 C7  
 Peneios, R. [Elis] 29 B2; 30 B4  
 Peneios, R. [Thessalia] 2 A1; 30 C2; 32 C3; 62 B2  
 Penna Sant' Andrea 84 C3  
 Pennal 131 B6  
 Pennocrucium 131 C6  
 Pentelicon, M. 34 C3  
 Pentri 84 C3  
 Peparethos 32 E4; 44 A2  
 Perachora 2 B2; 12 B2; 56 B2  
 Peraea 166 C3, 4  
 Peraiboi 7 A1, B1  
 Perakastro 2 D3  
 Perati 6 D3; 10 C3; 56 C3  
 Percote 27 B1  
 Perdikaria 6 C3  
 Pergamon, Pergamum 31 F2; 33 B2; 73 F2; 77 (Plan); 129 E4; 158 A2; 160 A3; 171 E4; 173 E4  
 Perga, Perge 74 A3; 160 C4  
 Pergus, L. 38 D3; 148 D3  
 Perinthus (Heracleia) 15 H1; 44 C1; 73 F1; 129 E4; 143 E4; 160 B1; 171 E4; 177 E3  
 Peristeria 6 B4  
 Perrhaebia 23 B1, 2; 30 B2; 62 B2  
 Perrhe/Antiochia 162 B2  
 Persepolis 19 E4; 21 (Plan); 65 E4  
 Persian Gates 65 E4  
 Persian Gulf 71 E5  
 Persis 19 E4; 65 E4; 71 E4  
 Perusia 82 C4; 92 B2; 95 B2; 97 F2; 108 D3  
 Pessinus 70 B3; 74 A2; 158 D3; 160 D3  
 Petelia 97 H3  
 Petiliana 148 C3  
 Petra [Arabia] 70 C4; 74 B5; 162 A5; 167 D1  
 Petra [Hellespontus] 27 B3  
 Petra [Thessalia] 6 C1  
 Petrina 148 B3  
 Petsofa 4 E2  
 Petuaria 131 D5  
 Peucelaotis 65 H2  
 Peucetii 84 D4  
 Phaestus, Phaistos 2 C4; 4 C3; 9 C4; 72 D6; 156 B2  
 Phalarium 38 C4  
 Phalasarna 156 A1  
 Phaleron 29 D2; 30 D4; 34 B4  
 Phanagoria 15 G2; 50 D2  
 Pharae, Pharai [Achaea] 29 B1; 72 B3; 80 A2  
 Pharae [Leucas] 32 A4  
 Pharae [Messenia] 29 C3  
 Pharbaethus 167 C1  
 Pharcadon 32 C3  
 Pharmacussa 33 B4  
 Pharnaceia *see* Ceras(o)us  
 Pharos 97 G2  
 Pharsalos 16 B1; 30 C2; 32 C3; 62 B3; 72 C2; 105 E3, G1 (Battle)  
 Phasaelis 166 C3  
 Phaselis 44 E4; 160 C5  
 Phasis 15 H3; 53 H3; 74 D1  
 Phasis, R. 58 E1, 2; 162 C1, D1  
 Phatnitic Mouth (Nile) 167 C1  
 Pheia 6 B3; 46 B3  
 Pheneos 6 C3; 7 C3; 29 C2  
 Pherai [Messenia] 7 B5  
 Pherae, Pherai [Thessalia] 6 C1; 7 C1; 12 B2; 30 C2; 32 D3  
 Phigaleia 29 B2; 72 B4  
 Philadelphia [Aegyptus] 76 B2; 167 B2  
 Philadelphia [Asia] 73 G3; 158 B3; 160 B3; 173 E4  
 Philadelphia [Cilicia] 74 B3  
 Philadelphia [Palaestina] 74 B5; 166 D4  
 Philae Is. 76 C5; 167 C5  
 Philaidae 34 D4  
 Philetacteria 73 E2  
 Philia 12 B2  
 Philippi 30 D1; 32 E1; 62 C2; 105 E2; 143 D4; 173 E4  
 Philippopolis [Syria] 162 B4  
 Philippopolis [Thracia] 62 D1; 143 D4; 177 E3  
 Philippoupolis 62 C2  
 Philomelium 74 A2; 158 C3; 160 D3; 173 E4  
 Philosphiana 148 D3  
 Philotera 76 C2; 167 D3  
 Philotera 74 B5  
 Phintias 38 C4; 148 C4  
 Phlegraei, Campi 115 B2  
 Phlius 23 B3; 29 C2; 30 C4  
 Phlya 34 C3  
 Phocaea 16 D2; 31 F3; 33 A2; 44 C2  
 Phocis 16 B2; 23 B2; 30 C3  
 Phoenice 32 A2; 72 A2; 97 H3  
 Phoenice (Syria) 162 A4, B4; 171 F5; 177 F4  
 Phoenicia 18 C3  
 Phoenicum 167 C4  
 Phoenicum Mare 162 A4  
 Phoenicus 167 A1  
 Phoenicus(s)a 38 D1; 148 D1  
 Phoinix 156 A2  
 Phokaia *see* Phocaea  
 Pholegandros 31 E5  
 Phorbantia 38 A2; 148 A2  
 Phraaspa 105 G3  
 Phrearrhii 34 C5  
 Phrygia 16 F1; 18 B2; 160 C4, D3  
 Phrygia (Roman Provinces) 177 E4  
 Phrygians 9 E1  
 Phthia 7 C2  
 Phthiotis (Achaea) 23 B2; 30 C3; 62 B3  
 Phylakopi 2 C3; 56 C3  
 Phyle 34 B2  
 Physkos, R. 58 B3  
 Picentes 84 C3  
 Picentia 115 D2  
 Picenum 109 D3; 176 C3  
 Pictones 136 B3  
 Piercebridge 130 D4  
 Pieria [Macedonia] 9 B1  
 Pieria [Syria] 74 B3; 162 B3  
 Pietrabbondante 84 C3  
 Pighadia 2 D4  
 Pindos, M. 2 A1, 2; 30 B2  
 Pinna 92 C2  
 Pinnata Castra 130 C3  
 Piquentum 108 D1  
 Piraeon 29 D1  
 Piraeus 29 D2; 30 D4; 34 B3  
 Pirama 148 B2  
 Pisa 29 B2  
 Pisae 95 B2; 97 F2; 108 C3  
 Pisatis 16 A2, B2  
 Pisaurum 95 C2; 108 D2; 119 B2  
 Pisaurus, R. 108 D2  
 Pisia 18 B2; 160 C4, D4  
 Pisia (Roman Province) 177 F4  
 Pistoria 97 F2; 108 C3  
 Pitane 16 D2

Pithecusa(e) 14 A1; 84 C4; 111 G1; 115 B3  
 Pitiniana 148 C3  
 Pitinum (Mergens) 108 D2; 119 B2  
 Pitya 27 D1  
 Pityeia 9 D1  
 Pityussa 29 D2  
 Pityussae Is. 96 D3; 144 D3  
 Placentia 95 A1; 97 F1; 108 B2  
 Planasia 108 C4  
 Plataea 23 B3; 25 (Battle); 29 D1; 30 C4  
 Platamodes, Pr. 29 B3  
 Platanos 4 C3  
 Platyvola 4 B2  
 Plavis, R. 108 C1  
 Pleistarcheia/Heraclea 73 F4  
 Plemyrium, Pr. 38 E4; 148 E4  
 Plestia 92 B2  
 Pleuron 7 B3; 29 B1; 46 B3  
 Plotinopolis 143 E4  
 Pnigeus 167 A1  
 Podandus 161 E4  
 Poessa 60 C3  
 Poeninae, Alpes Atrectianae et 170 C3  
 Poeninae, Alpes Graiae et 136 D3, 4; 176 C3  
 Poetovio 128 D3; 138 E4; 143 A2  
 Poggio Buco 82 C5  
 Pola 95 C1; 108 D2  
 Policoro *see* Heraclea  
 Poliochni 2 C1; 56 C1  
 Polis [Ithaca] 6 A2  
 Polla 94 E4  
 Pollentia [Balears] 144 E2  
 Pollentia [Italia] 108 A3  
 Polyrrenhia 72 D5; 156 A1  
 Pompaeo 144 C1  
 Pompeii 94 D3; 109 E4; 111 H1; 115 C2; 116 (Plan)  
 Pompeiopolis 161 E1  
 Pompeiopolis/Soli 64 B3; 74 B3; 161 E5  
 Pomptine Marshes 86 C3  
 Pondicherry (Arikamedu) 54 E3  
 Pons Aelius 133 D1  
 Pons Aeni 138 D4  
 Pons Drusi (Bauzanum) 108 C1  
 Pons Saravi 140 A3  
 Pontecagnano 84 C4  
 Pontes 131 D7  
 Pontia, Pontiae Is. 94 B3; 109 D4  
 Pontica (Diocese) 177 F4  
 Pontus Euxinus 50 C3; 162 B1  
 Pontus 129 E4, 5; 158 D1; 161 E1; 171 F4  
 Pontus Galaticus 161 G2, H2  
 Pontus Polemoniacus 177 F3  
 Popilia, Via 115 D2  
 Popillia, Via 108 C2  
 Populonia 82 B4; 84 B3; 92 A3; 108 C3; 110 C3  
 Porolissum 143 D1  
 Porphyrites, M. 167 C3  
 Portchester 131 D8  
 Porthmum 50 C2  
 Porticenses 146 C4  
 Portuensis, Via 123 E3  
 Portus Ardaoni 131 D8  
 Portus Argous 108 C3  
 Portus Cale 144 A2  
 Portus Favoni 146 C2  
 Portus Lemanis 131 E8  
 Portus Luguidonis 146 C3  
 Portus Namnetum 136 A3  
 Portus Romae 122 B2  
 Portus Syracusanus 146 C3  
 Pos(e)ideion, Pr. [Achaea Phthiotis] 30 C3; 32 D4  
 Poseideion, Pr. [Caria] 33 B4  
 Pose(i)donia *see* Paestum  
 Posideion, Pr. [Chalcidice] 32 D2  
 Posideium [Syria] 74 B3  
 Posidium [Aegyptus] 167 C2  
 Posidium, Pr. [Campania] 109 F4  
 Postumia, Via 108 C1  
 Potaissa 143 D2; 171 E3  
 Potentia [Lucania] 109 F4  
 Potentia [Picenum] 95 C2; 108 D3  
 Potidaea 15 F1; 30 C2; 32 D2; 44 A1  
 Pozzuoli *see* Puteoli  
 Praeneste (Palestrina) 81; 82 D6; 84 B3; 86 C2; 92 C3; 94 B2; 109 D4; 110 D4; 122 C2  
 Praenestina, Via 90 D4; 122 C2; 123 B1  
 Praesidium 146 C2  
 Praetavi 162 D3  
 Praetuttii 84 C3  
 Praevalitana 177 D3  
 Praisos 4 E2; 16 D4; 156 D2  
 Prasiae 29 D3; 46 C4  
 Prestatyn 131 C5  
 Priansos 156 C2  
 Priapus 27 D1; 47 F1  
 Priene 16 E3; 31 F4; 33 B4; 37 (Plan); 44 C3; 160 A4  
 Prilius, L. 108 C3  
 Prinias 12 C4; 156 B2  
 Priveraum 92 C3; 94 C2  
 Probalinthus 34 D3  
 Prochyta 115 B3  
 Proconnesos 31 G1; 44 C1; 125 E4; 160 B2  
 Prodrumes 2 B2  
 Promona 104 D2  
 Pronni 60 A3  
 Prophtasia 65 F3  
 Prostovitsa 6 B3  
 Prosymna 6 C3; 12 B3  
 Prote 29 B3  
 Prusa 73 G2; 158 B2; 160 B2  
 Prusias/Cius 73 G1; 158 B2  
 Prusias-on-Hypius/Cierus 73 H1; 158 C2; 160 D2  
 Prymnessus 160 C3  
 Psaros, R. 58 C2  
 Psaira 4 E2  
 Pselchis 167 C5  
 Psessi 50 E1  
 Psophis 29 B2  
 Psychro 4 D2  
 Psyr(i)a 9 C2; 31 E3  
 Pteleon [Achaea Phthiotis] 6 C2; 7 C2; 32 D4  
 Pteleum [Hellespontus] 27 C1  
 Ptoeum 80 B2  
 Ptolemais [Aegyptus] 76 C3; 167 C4  
 Ptolemais [Cyrene] 151 G2  
 Ptolemais [Lycia] 74 A3  
 Ptolemais/Ace 74 B4; 166 B1; 173 F5  
 Ptolemais, *see* Lebedos  
 Ptolemais Hormou 167 B2  
 Pulchrum, Pr. 97 F4  
 Pura 19 G4; 71 G4  
 Puteoli (Pozzuoli) 94 C3; 97 G3; 109 E4; 111 H1; 115 B2  
 Pydna 30 C1; 32 C2; 62 C3; 72 C1  
 Pygela 44 C3; 47 F3  
 Pylae Amanicae 161 F4  
 Pylae Ciliciae (Cilician Gates) 161 F4  
 Pylae Syriae (Syrian Gates) 161 F5  
 Pylai 58 E3  
 Pylos 6 B4; 7 B5; 29 B3; 30 B5; 49 (Plan)  
 Pyramos, R. 58 C2; 161 F5  
 Pyrasos 7 C2  
 Pyrenaci, M. 96 C2; 144 D1  
 Pyrgi (Santa Severa) 82 C5; 86 A1; 94 A2; 108 D4; 110 D4  
 Pyrgos 2 C4  
 Pyrgos Kieriou 6 B1  
 Pyrrha 33 A2; 44 C2; 47 E2; 60 D2  
 Pytho 7 C3  
 Quadi 138 E3; 170 D3  
 Quintana 138 D3  
 Quinto 82 B3  
 Qumran 166 C4  
 Rabbathmoba 162 B5  
 Raeburnfoot 130 C4  
 Raeti 84 B1  
 Raetia 128 C3; 136 D3; 138 C4; 140 D4; 170 C3; 176 C3  
 Raphanaeae 129 F5; 162 B3; 171 F5  
 Raphia 70 B4; 74 B5; 166 A5  
 Raphina 2 C2  
 Rapidum 150 C1; 154 B1  
 Ratae Coritanorum 131 D6  
 Ratiaria 143 D3; 177 D3  
 Ravenna 108 C2; 110 C2  
 Reate 84 B3; 92 C3; 97 G2; 108 D3  
 Red House 133 C1  
 Red Sea 70 C5  
 Refugium Apollinis 148 E4  
 Regina 144 B3  
 Regini 131 D8  
 Regium Lepidum 108 C2  
 Regulbium 131 E7



Remi 136 C2; 138 A3; 176 C2  
 Renus, R. 82 B2; 108 C2  
 Resafa 162 B3  
 Resaina 162 C3; 171 G4  
 Rhagae/Europus 65 E3; 71 E3  
 Rhaikelos 16 B1  
 Rhamn(o)us 29 E1; 34 D1  
 Rhegium 14 B2; 84 D5; 97 G4; 109 G6  
 Rheingönheim 140 B3  
 Rhenea 31 E4  
 Rhenus, R. 138 C3; 140 A4; 176 C2  
 Rhenus, R. [Aemilia] *see* Renus  
 Rhinocolura 76 D1; 167 C1  
 Rhion, Pr. 29 B1  
 Rhizenia 156 B2  
 Rhizon 97 H2  
 Rhizos 162 C1  
 Rhode 96 D2; 144 E1  
 Rhodes, Rhodes 16 E3; 31 G5; 33 C5;  
     73 F5; 158 B4; 160 B5; 177 E4  
 Rhodope 177 E3  
 Rhoetum, Rhoetium 27 B2; 47 E2  
 Rhoetium, Pr. 146 B2  
 Rhosus 74 B3; 162 B3  
 Rhotanus, R. 146 C2  
 Rhyn 131 C6  
 Rhyndacos, R. 31 G2; 33 C1; 158 B2;  
     160 B2  
 Rhytion 9 C4  
 Rider 143 A4  
 Rigodunum 131 C5  
 Rimini *see* Ariminum  
 Rio Tinto 144 A3, B3  
 Risinium 143 B4  
 Risstissen 140 C4  
 Rium, Pr. 146 B2  
 Robogdium, Pr. 130 A4  
 Rocca San Felice 94 E3  
 Rocester 131 D6  
 Rogatica 143 C3  
  
 Roma, Rome 86 B2; 90 (Plan); 108  
     D4; 121–3 (Plans)  
 Ad Ciconias Nixas 123 C4  
 Agger 90 E3  
 Alta Semita 121 B1, C1; 123 B3  
 Altar, Great 90 C3  
 Altar of Mars 90 C2  
 Amphitheatrum Flavium 121 E2;  
     123 C2  
 Aqua Alsietina 123 E4  
     Claudia 121 E2, 3; 123 C1  
     Marcia 123 A2  
     Virgo 121 A1; 123 B4  
 Ara Gentis Iuliae 121 C3  
     Maxima Herculus 121 D3  
 Area Capitolina 121 D3  
     Victoriae 90 C3  
 Argiletum 90 C3; 121 C1, D1; 123 C2  
 Arx 121 C2  
 Atrium Vestae 121 D2  
 Aurelianic Walls 123  
 Basilica Aemilia 121 C2  
  
 Iulia 121 C2  
     of Maxentius 121 D2  
     Ulpia 121 C1, 2  
 Baths *see* Thermae  
 Bridges *see* Pons  
 Campus Agrippae 121 A2  
     Esquilinus 123 B1  
     Martius 121 A3, B2; 123 C3  
 Carinae 90 C3; 121 D1, E1; 123 C2  
 Castra Praetoria 123 A2  
 Circus Flaminius 90 B2, 3; 121 B3;  
     123 D3  
     Maximus 90 B3; 121 C3, D3; 123  
     D2  
 Clivus Argentarius 121 B2, C2  
     Orbius 121 D1  
     Palatinus 121 D2  
     Pullius 121 D1  
     Salutis 121 B1  
     Suburanus 121 D1; 123 B2  
 Cloaca Maxima 121 C3  
 Colossus 121 D2  
 Column of Trajan 121 B1, 2  
 Comitium 90 C3; 121 C2  
 Crypta Balbi 121 B3  
 Curia 121 C2  
*Roma, Rome (continued)*  
 Curiae 121 D2, E2  
 Delta 121 A2  
 Diribitorium 121 A2  
 Domus Augustana 121 D3  
     Flavia 121 D3  
     Tiberiana 121 D2, 3  
 Emporium 90 B3; 123 E2  
 Euripus 121 A3  
 Forum Augustum 121 C2  
     Boarium 90 C3; 121 C4; 123 D2  
     Caesaris 121 C2  
     Holitorium 90 C2; 121 C3; 123 D3  
     Romanum 90 C3; 121 C2; 123 C2  
     Traiani 121 C2  
     Transitorium 121 C2  
 Furrina, Grove of 90 A2  
 Gardens *see* Horti  
 Gates *see* Porta  
 Great Altar 90 C3  
 Hecatomastylum 121 A3  
 Hill, Aventine 90 B3; 121 E4; 123 D2  
     Caelian 90 C3, 4; 123 C1, 2  
     Capitoline (Capitolinus) 121 B2,  
     3; 123 C2, 3  
     Esquiline 90 D3, 4; 123 B1, 2  
     Hortulorum (Pincius) 123 B4  
     Janiculum 90 A1, 2; 123 E3, 4  
     Lateran 123 C1  
     Palatine 90 C3; 121 D2, E2; 123  
     C2, D2  
     Quirinal 90 D2; 121 C1; 123 B3, C3  
     Viminal 90 D3; 123 A2, B2  
 Horrea Agrippiana 121 C3  
     Galbana 123 E2  
 Horti Luculliani 90 E1; 123 B4  
     Sallustiani 123 A3  
  
 Houses of Augustus and his Family  
     121 D3  
 Hut of Romulus 90 C3  
 Insula 121 B4; 123 D3  
 Inter Duos Lucos 121 C2  
 Libraries of Trajan 121 B1, 2  
 Libraries, Palatine 121 D3  
 Ludus Magnus 121 E1  
     Matutinus 121 E2  
 Lupercal 90 C3; 121 C3  
 Macellum 90 C3  
 Markets of Trajan 121 C1  
 Mausoleum of Augustus 123 C4  
     Hadrian 123 C4  
 Meta Sudans 121 E2  
 Navilia 90 B2; 121 B4  
 Odeum Domitiani 121 A3  
 Ovilia 90 C2  
 Piscina Publica 90 B4  
 Pons Aelius 123 C4  
     Aemilius 90 B2; 121 C4; 123 D2  
     Agrippae 123 D3  
     Cestius 123 D3  
     Fabricius 121 B3, C3; 123 D3  
     Neronianus 123 D4  
     Probi 123 D2  
     Sublicius 90 B2; 121 C4; 123 D2  
*Roma, Rome (continued)*  
 Porta Caelimontana 123 C1  
 Capena (Capua) 90 C4; 123 D1  
 Carmentalis 123 D3  
 Collina 90 E2; 123 A3  
 Esquilina 123 B2  
 Radusculana 123 D2  
 Salutaris 123 C3  
 Sanqualis 123 C3  
 Trigemina 123 D2  
 Viminalis 123 B2  
 Porticus Aemilia 90 A3; 123 E2  
 Boni Eventus 121 A3  
 Divorum Titi et Vespasiani 121 B2  
 Minucia 121 A1, B3  
 Octavia 90 C2  
 Octaviae 121 B3  
 Philippi 90 C2; 121 B3  
 Pompeianae 121 A3  
 Vipsania 121 A1  
 Regia 121 D2  
 Roma Quadrata 90 C3  
 Saepta Iulia 121 A2  
 Scala Caci 121 D3  
 Septizonium 121 E3  
 'Servian' Walls 90  
 Stagnum 121 A3  
 Subura 90 C3, D3; 121 D1  
 Tabularium 121 C2  
 Tarentum 90 C1; 123 D4  
 Temple of Aesculapius 90 B2; 121  
     C4  
     Apollo Palatinus 121 D3  
     Apollo Sosianus 121 B3  
     Bellona 121 B3  
     Castores 121 C2



- Ceres 121 D4  
 Concordia 121 C2  
 Diana 90 B3; 123 D2  
 Divus Antoninus 121 C2  
 Divus Claudius 121 E2  
 Divus Hadrianus 121 A1  
 Divus Iulius 121 C2  
 Divus Traianus 121 B1  
 Divus Vespasianus 121 C2  
 Feronia 121 A3  
 Fides 121 C3  
 Floral 23 B3  
 Fortuna 121 C3  
 Fortuna ad Portam Collinam 123 A3  
 Fortuna Huiusce Diei 121 A3  
 Fortuna Primigenia 121 C3  
 Hercules Invictus 121 C4  
 Hercules Musarum 121 B3  
 Hercules Pompeianus 121 D3  
 Honos et Virtus 123 D1  
 Ianus 121 C2, 3  
 Iseum 121 A2  
 Iuno Curritis 121 A3  
 Iuno Lucina 90 D3; 123 B2  
 Iuno Moneta 90 C2; 121 C2  
 Iuno Regina 121 B3  
 Iuno Sospita 121 C3  
*Roma, Rome (continued)*  
 Temple of Jupiter Capitolinus 90 C2  
 Iuppiter Optimus Maximus 121 C3  
 Iuppiter Stator 121 B3  
 Iuppiter Tonans 121 C3  
 Iuppiter Victor 121 D3  
 Iuturna 121 A3, D2  
 Lares Permarini 121 A3  
 Liber 121 D4  
 Libera 121 D4  
 Magna Mater 121 D3  
 Mars Ultor 121 C1  
 Mater Matuta 121 C3  
 Matidia 121 A2  
 Mercurius 121 E4  
 Minerva (Aventine) 123 D2  
 Minerva (Forum Transitorium) 121 C2  
 Minerva Chalcidica 121 B2  
 Nymphae 121 B3  
 Ops 121 D3  
 Pantheon 121 A2  
 Pax 121 C2, D2  
 Penates 90 C3; 121 D2  
 Portunus 121 C4  
 Quirinus 90 D2; 123 B3  
 Saturnus 121 C2  
 Semo Sancus 121 B1, C1  
 Serapeum 121 A2  
 Serapis 121 B1  
 Spes 121 C3  
 Tellus 121 D1  
 Vediovius 121 C2  
 Venus Erycina 123 A3  
 Venus et Roma 121 D2  
 Venus Genitrix 121 C2  
 Vesta 90 C3; 121 D2  
 Theatre of Pompey 90 C2; 121 A3  
 Theatrum Balbi 121 B3  
 Marcelli 121 B3, C3  
 Thermae Agrippae 121 A2  
 Antoninianae 123 D1  
 Diocletiani 123 B2  
 Neronianae 121 A2  
 Titi 121 E1  
 Traiani 121 E1; 123 C2  
 Tiber, R. 90 C1; 123 C4, D4  
 Transiberim 123 D3, E3  
 Trigarium 123 D4  
 Velabrum 90 C3; 121 C3; 123 C2, D2  
 Velia 90 C3  
 Viae *see under individual names in Gazetteer*  
 Vicus Cyprius, 121 D1  
   Iugarius 121 C3  
   Longus 121 C1; 123 B2, 3  
   Pallacinae 121 B2  
   Patricus 123 B2  
   Sandaliarius 121 D1  
   Tuscus 121 D2, 3  
   Villa Publica 90 C2  
 Romula 143 D3  
 Ropicum 146 B1  
 Rossano di Vaglio 84 C4  
 Rossington Bridge 131 D5  
 Rotomagus 138 A3; 176 B2  
 Rough Castle 134 C1  
 Roxolani 171 E3  
 Rubi 84 D4  
 Rubico, R. 104 C2; 108 D2  
 Rubra 146 C2  
 Rudiae 84 D4; 109 G4  
 Rückingen 140 B2  
 Ruffenhofen 140 D3  
 Rufrae 92 D3  
 Rusaddir 96 B4  
 Rusellae (Ruselle) 82 B4; 92 A3; 95 B2; 108 C3; 110 C3  
 Rusgumiae 150 C1  
 Ruscade 97 E4; 150 D1  
 Ruspina 104 C3  
 Rusucuru 96 D4  
 Rutunium 131 C6  
 Rutupiae 131 E7  
 Saalburg 140 B1  
 Sabatini Montes 86 B1  
 Sabatinus, L. 82 C5; 108 D4  
 Sabini 84 B3  
 Sabinum 122 C1  
 Sabora 144 B4  
 Sabratha 97 F5; 151 E2  
 Sabrina, R. 131 B6, C6  
 Saccaea 162 B4  
 Sacrum, Pr. [Corsica] 146 C1  
 Sacrum, Pr. [Lusitania] 144 A4  
 Saepinum (Altilia) 92 D2; 94 D3; 109 E4; 111 E4; 119 C3  
 Saeprus, R. 146 C5  
 Saetabi 144 D3  
 Saevates 138 D4  
 Sagalassus 160 C4  
 Sagrus, R. 109 E3  
 Saguntum 96 C3; 144 D2  
 Sais 76 B1; 167 B1  
 Saka 19 F1  
 Sakasene 18 D2  
 Saktouria 4 C2  
 Sala [Africa] 150 A2  
 Sala [Pannonia] 143 B2  
 Sala Consilina 84 C4; 94 E4  
 Sala/Domitianopolis 158 B3  
 Salacia 144 A3  
 Salamis [Cyprus] 74 B4; 156 C5  
 Salamis [Graecia] 23 C3; 25 (Battle); 29 D2; 30 D4; 34 A3  
 Salapia 84 C3; 97 G2; 109 F3  
 Salaria 144 C3  
 Salaria, Via 90 D2; 122 C1; 123 A3  
 Salassi 97 E1  
 Saldae 96 D4; 150 D1  
 Salernum 94 D4; 115 D2  
 Saletio 140 B3  
 Saliagos 2 C3  
 Salinae [1, Britannia] 131 C6  
 Salinae [2, Britannia] 131 C6  
 Sallentinum, Pr. 109 G4  
 Salluvii 136 C5  
 Salmantica 144 B2  
 Salmydessos 58 A1  
 Salona(e) 104 D2; 128 D3; 143 B4; 170 D3; 176 D3  
 Salpensa 144 B4  
 Salvium 143 B4  
 Samarabriva, Samarobriva 136 B2; 138 A3  
 Samaria/Sebaste 74 B5; 166 B3  
 Samaritis 166 B3  
 Same 29 A1; 30 A4; 60 A3  
 Samnites 84 C3  
 Samnium 109 E3  
 Samos [Cephalenia] 7 A3; 9 A3  
 Samos (Is.) 16 D2; 31 F4; 33 B4; 44 C3; 160 A4  
 Samosata 74 C3; 161 H3; 162 B2; 171 F4; 173 F4  
 Samothrace, Samothracia 31 E1; 44 B1  
 Sanctuary of the Sirens 115 C3  
 Sandy 131 D7  
 Sane 32 E2; 44 A1; 46 D1  
 Sangarios, R. 9 E1; 158 C2, D3; 160 C2, 3  
 San Giovenale 82 C5; 110 D4  
 S.Maria di Capua Vetere *see* Volturnum  
 S.Maria di Falleri *see* Falerii Novi  
 Sant' Angelo 94 D3  
 Santa Severa *see* Pyrgi  
 Santones 136 B4  
 Saocoras, R. 162 C3  
 Sarangia 19 G3  
 Sarcapos 146 C5

Sardica, Serdica 143 D3; 173 D3  
 Sardinia 97 E3, F3; 146; 170 C4; 176 C4  
 Sardis, Sardes 16 E2; 23 D2; 31 G3; 33  
   B3; 158 B3; 160 B3; 173 E4; 177 E4  
 Sardopatris Fanum 146 B5  
 Sardoum Mare 107  
 Sarepta 162 A4  
 Sarmatae 50 E2; 138 E3  
 Sarmizeget(h)usa *see* Ulpia Traiana  
 Sarnus, R. 115 C2  
 Sarpedon, Pr. 31 E1  
 Sarsina 92 A2; 108 C2  
 Sarteano 82 C4  
 Saspeires 19 E2  
 Satala 161 H2; 162 C1; 171 F4  
 Saticula 94 D3  
 Satnioeis, R. 9 C2  
 Satrachus, R. 156 B5  
 Satricum 86 C2; 94 B2; 122 C2  
 Sattagydia 19 H3  
 Saturnia 82 C4; 94 A1; 108 C3; 119 B3  
 Sava, R. 150 D1  
 Savaria 138 E4; 143 B2; 176 D3  
 Savatra 161 E4  
 Savensis 176 D3  
 Savo 97 E1; 108 B3  
 Savus, R. 104 D2; 143 B2  
 Saxa Rubra 122 B1  
 Saxones 138 C1  
 Scaldis, R. 138 A2  
 Scallabis 144 A3  
 Scamander, R. 9 D2; 31 F2; 33 A1, B1  
 Scarbantia 138 E4; 143 B1  
 Scardonia 143 A4  
 Scenitae 162 C4, D4  
 Scephsis 27 C3; 33 A1; 44 C1; 73 E2  
 Schedia 167 B1  
 Schierenhof 140 C3  
 Schlossau 140 C2  
 Sciathos 30 C3; 32 D3  
 Scillus 29 B2  
 Scione 15 F1; 30 D2; 32 D2; 44 A1  
 Sciritis 30 B4, C4  
 Scodra 97 H2; 105 D2; 143 C4  
 Scolacium, Scylacium 94 A4; 109 G5  
 Scole 131 E6  
 Scotussa 32 C3  
 Scupi 143 C4; 177 D3  
 Scyllaion, Pr. 29 D2  
 Scyros 31 D3; 32 E4; 44 B2  
 Scythi 50 C1  
 Scythia 54 C2  
 Scythia (Roman Province) 177 E3  
 Scythopolis 74 B5; 166 C2  
 Seabegs 134 C1  
 Sebaste [Asia] 158 C3; 160 C3  
 Sebaste/Elaeussa 161 E5  
 Sebaste/Samaria 74 B5; 166 B3  
 Sebaste, Via 160 C4, D4  
 Sebasteia 161 G2; 177 F4  
 Sebastopolis 161 F2  
 Sebennytyc Mouth (Nile) 167 B1  
 Sebennytyus 76 B1; 167 B1  
 Sebethus, R. 115 C2  
 Sebinus, L. 108 B1  
 Sebou, R. 150 B1  
 Seckmauern 140 C2  
 Segedunum 133 D1  
 Segelocum 131 D5  
 Segesta 38 B2; 97 G4; 148 B2  
 Segisama 144 C1  
 Segobriga 144 C2  
 Segontia 96 C2; 144 C2  
 Segontium 131 B6  
 Segovia 144 B2  
 Segusio 136 D4; 176 C3  
 Seleuceia [Cilicia] 74 B3; 161 E5; 177 F4  
 Seleucia [Osrhoene] 162 B3  
 Seleuceia [Pamphylia] 74 A3  
 Seleuceia [Persis] 71 E4  
 Seleuceia ad Belum 74 B3  
 Seleuceia (in) Pieria 74 B3; 161 F5; 162  
   B3  
 Seleuceia (on the Tigris) 70 D3; 162 D4  
 Seleuceia Sidera 73 H3; 160 C4  
 Seleuceia/Abila 74 B5; 166 D2  
 Seleuceia *see* Susa  
 Seleuceia *see* Tralles  
 Seleuceia *see* Zeugma  
 Seleucus 70 C3  
 Selge 74 A3; 160 D4  
 Selgovae 130 C4  
 Seligenstadt 140 B2  
 Selinus [Cilicia] 160 D5  
 Selinus [Sicilia] 14 A2; 38 B3; 97 G4  
 Sellasia 29 C3; 72 C4  
 Selymbria 15 H1; 44 C1  
 Semnones 138 D2  
 Sena Gallica 95 C2; 97 G2; 108 D2  
 Sena Iulia 95 B2; 108 C3  
 Senia 104 D2; 143 A4  
 Senones [Gallia] 138 A3  
 Senones [Italia] 84 B2  
 Sentinum 92 B2  
 Sepias, Pr. 30 C3; 32 D3  
 Sepphoris/Diocaesarea 166 B2  
 Septimanca 144 B2  
 Sequana, R. 138 A3  
 Sequani 136 C3; 138 B4  
 Sequania 176 C2  
 Seraglio 2 D3; 10 D3  
 Serapeum 76 B2  
 Serdica, Sardica 143 D3; 173 D3  
 Seriane 162 B3  
 Seriphos 29 E3; 31 D4; 44 B3; 60 C3  
 Sermigium 146 B2  
 Sermyle, Sermylia 32 D2; 44 A1; 46 C2  
 Servia 2 B1  
 Sesites, R. 108 A2  
 Sesklo 2 B2  
 Sessa Aurunca *see* Suessa Aurunca  
 Sestinum 119 B2  
 Sestos 15 G1; 27 B2; 31 F1; 33 A1; 143  
   E4  
 Seteia, R. 131 C5  
 Setia 94 B2  
 Sette Finestre Villa 110 C3  
 Severiana, Via 122 B2, C2  
 Sexi 96 B4; 144 C4  
 Shapwick 131 C8  
 Sibari *see* Sybaris  
 Sicani 38 C3  
 Sicca 97 E4  
 Sicignano 94 E4  
 Sicilia (Sicily) 38; 148  
 Sicinos 31 E5; 60 C4  
 Sicoris, R. 104 B2  
 Siculi 38 D2, 3  
 Siculum Fretum 38 F1, 2; 148 E2, F1  
 Siculum Mare 38 E3  
 Sicyon 16 B2; 29 C1; 30 C4  
 Side 74 A3; 158 C4; 160 D5  
 Sidicini 84 C4  
 Sidon 74 B4; 162 A4  
 Sidrona 143 A4  
 Siga 96 C4  
 Sigeion, Sigeum 15 G1; 16 D1; 27 A2  
 Sigmia 94 B2  
 Sigrum, Pr. 33 A2  
 Silarus, R. 109 F4  
 Silchester (Calleva Atrebatum) 131 D7;  
   135 (Plan)  
 Siliana, R. 151 B2  
 Silures 131 B7, C7  
 Simbri 146 B2  
 Simoeis, R. 9 D1  
 Simyra 162 B4  
 Sinda 2 E4  
 Sindi 50 D2  
 Sindimana 65 G4  
 Singara 74 D3; 162 C3; 171 G4  
 Singidunum 143 C3; 170 D3  
 Singiticus Sinus 32 E2  
 Singos 32 E2; 44 A1; 46 D2  
 Sinope 15 G3; 50 C4; 161 F1  
 Sinuessa 94 C3; 115 A2  
 Sinzig 140 A1  
 Siphae 46 C3  
 Siphnos 12 C3; 16 C3; 31 D4; 44 B3  
 Sipontum 84 C3; 94 E2; 109 F3; 119  
   C3  
 Sippar 58 A4  
 Sipylos, M. 9 D2; 31 F3; 33 B2  
 Siris 14 B1  
 Siris, R. 109 F4  
 Sirmio 108 B2  
 Sirmium 143 C3; 176 D3  
 Sisapo 144 B3  
 Siscia 104 D2; 143 B3; 176 D3  
 Sitagroi 2 C1  
 Siteia 156 D2  
 Sithonia 30 D2  
 Sitifensis, Mauretania 176 B4  
 Sitifis 150 D1; 176 B4  
 Sittacene 18 D3  
 Sittake 58 B4, E3  
 Siwa(h) 64 A4; 151 H2  
 Sklavokambos 4 C2  
 Skoteino 4 D2

Skudra 18 A1  
 Smaragdus, M. 167 D4  
 Smyrna/Eurydiceia 16 E2; 31 F3; 33 B3; 73 F3; 158 A3; 160 A3; 177 E4  
 Smyrna, Old 10 D2; 12 D2  
 Smyrnaeus Sinus 33 B3  
 Soandus 161 E3  
 Socnopaei Nesus 76 B2; 167 B2  
 Sogdian Rock 65 G2  
 Sogdiana 19 G2; 65 F2, G2; 71 G2, H2  
 Soli [Cyprus] 74 A4; 156 B5  
 Soli/Pompeipolis [Cilicia] 64 B3; 74 B3; 161 E5  
 Sollion 30 B3; 32 B4  
 Solorius, M. 144 C4  
 Soluntum, Solus 38 C2; 97 G4; 148 C2  
 Solygeia 46 C3  
 Solyma, M. 9 F3  
 Sophanene 162 C2  
 Sophene 162 C2  
 Sopianae 138 E4; 176 D3  
 Sora 94 C2; 109 E4  
 Sorabile 146 C4  
 Soracte, M. 86 B1  
 Sorviodunum 131 C7  
 Sorviodurum 140 F4  
 Sossios, R. 148 B3  
 Sotira 2 E4  
 Souphli 2 B1  
 Sovana 82 C4  
 Sparta 23 B3; 27 (Plan); 29 C3; 30 C5; 80 A3  
 Spartolos 32 D2; 44 A1  
 Spata 6 D3  
 Spello *see* Hispellum  
 Spercheios, R. 6 C2; 7 B2, C2  
 Sperlonga 111 E4  
 Sphacteria 29 B3; 30 B5; 49 (Plan)  
 Sphettos 29 E2; 34 C4  
 Spina 14 C3; 52 D3; 82 C2; 84 B2; 110 C2  
 Spinis 131 D7  
 Spoletium (Spoleto) 94 B1; 97 G2; 108 D3; 110 D3  
 Stabiae (Castellammare di Stabia) 111 H1; 115 C2  
 Stagirus 15 F1; 23 C1; 32 E2; 44 A1  
 Stagna Palicorum 148 D3  
 Staniwells 131 D5  
 Stobi 143 D4  
 Stockstadt 140 C2  
 Stolos 44 A1; 46 C1  
 Stracathro, R. 130 C2  
 Strageath 130 C3  
 Stratonicea [Athos] 32 E2  
 Stratonicea, Stratonice(i)a [Caria] 73 F4; 158 B4; 160 B4  
 Stratonicea [Mysia] 73 F2  
 Strato's Tower *see* Caesarea  
 Stratos 32 B4; 46 B3; 72 B3  
 Stratton Grandison 131 C7  
 Strepsa 44 A1  
 Strongyle 38 E1; 148 E1  
 Strymon, R. 30 C1; 32 D1; 62 C1; 143 D4  
 Stuttgart 140 C3  
 Styberra 143 C4  
 Stylos 4 B2  
 Stymphalus, L. 29 C2  
 Stymphalus, Stymphelos 7 C3; 29 C2  
 Styra 9 C3; 23 C3; 29 E1; 44 A3  
 Styx, R. 7 B3  
 Subasani 146 C2  
 Sublaqueum 122 D1  
 Sucro, R. 96 C3  
 Suebicum Mare 138 D1  
 Suel 144 B4  
 Suessa Aurunca (Sessa Aurunca) 84 C4; 92 D3; 94 C3; 111 E4; 115 A2  
 Suessula 84 C4; 92 D3; 94 D3; 109 E4; 115 C2; 119 C4  
 Sufes 150 C4  
 Sufetula 150 C4  
 Suia 156 A2  
 Sûk-el-Khmis, 151 A1  
 Sulcis [E.Sardinia] 146 C4  
 Sulci(s) [W.Sardinia] 97 E3; 146 B5  
 Sulcis, R. 146 B5  
 Sulloniaci 131 D7  
 Sulmo 84 C3; 109 E3  
 Sulz 140 B4  
 Sumelocenna 140 B4  
 Summerston 134 B2  
 Summontorium 140 D4  
 Sunion, Pr. 29 E2; 30 D4; 34 D5  
 Super(n)um (Adriaticum) Mare 107; 109 E3, F3  
 Sura 162 B3  
 Surrentum 109 E4; 115 C2  
 Susa/Seleuceia 19 E3; 64 D3; 71 E4  
 Susiana, Susiane 64 D4; 71 E4  
 Sutrium 82 C5; 94 B1  
 Syangela 44 C3  
 Sybaris (Sibari) 14 B1; 111 G4  
 Sybota 32 A3; 46 A2  
 Sybrita 156 B2  
 Syene 76 C5; 167 C5  
 Symmaethus 148 E3  
 Symmaethus, R. 38 D2, 3; 148 D3  
 Syme, 9 D3; 31 G5; 33 C5  
 Synnada 73 H3; 125 E4; 158 C3; 160 C3; 173 E4; 177 E4  
 Syracus(a)e 14 B2; 38 E4; 39 (Plan); 97 G4, H5; 128 D4; 148 E4; 170 D4; 172 D4; 176 D4  
 Syria 74  
 Syria (Roman Province) 129 F5; 162 B4; 171 F4, 5; 177 F4  
 Syros 31 E4  
 Syrtis Minor 97 F5  
 Tabae 160 B4  
 Tabernae 138 C3; 140 B3  
 Tabor, M. 166 C2  
 Tacapae 150 C5  
 Tader, R. 96 C3  
 Tadinum 92 B2  
 Taenaron, Pr. 29 C4  
 Taenarum 29 C4  
 Taexali 130 C2  
 Taexalorum, Pr. 130 D2  
 Tagus, R. 96 A2; 144 B2  
 Talcinum 146 B2  
 Talmis 76 C5  
 Tamalleni 154 C2  
 Taman Peninsula 50 D2  
 Tamaricii (Palmae) 148 E2  
 Tamarus, R. 131 B8  
 Tamassus 156 B5  
 Tamecia 130 C2  
 Tamesis, R. 131 D7  
 Tamium 131 C7  
 Tamynae 29 E1; 32 E4  
 Tamyrae 50 B1  
 Tanagra 29 D1; 30 D3; 34 B1  
 Tanais 50 E1  
 Tanais, R. 50 E1  
 Tanarus, R. 108 A3  
 Tanatus 131 E7  
 Tanis 76 C1; 167 C1  
 Tanitic Mouth (Nile) 167 C1  
 Tannetum 97 H3; 108 B2  
 Taochi 58 D1  
 Taposiris 167 A1  
 Tapurioi 19 E3  
 Taras, Tarentum (Taranto) 14 B1; 84 D4; 94 A3; 109 G4; 111 G4  
 Tarentinus Sinus 109 G4  
 Tarichaeae 166 C2  
 Tarne 9 D2  
 Tarquinia, Tarquinii 82 C5; 84 B3; 92 B3; 108 D4; 110 D4  
 Tarrabeni 146 B2  
 Tarracina (Terracina) 84 C4; 92 D3; 94 C3; 97 G3; 111 E4; 119 B4  
 Tarraco 96 D2; 128 B4; 144 D2; 170 B4; 176 B3  
 Tarraconensis 128 B3; 144 C2; 170 B4; 176 B3  
 Tarsatica 143 A3  
 Tarsus/Antioch 58 C2; 70 C3; 74 B3; 161 F4; 162 A3; 171 F4; 173 F4; 177 F4  
 Tartarus, R. 108 C2  
 Tarvisium 108 C1  
 Tatta, L. 161 E3  
 Tauchira 14 D5  
 Taulantii 62 A1  
 Taurasia 97 E1  
 Tauri 50 C2  
 Taurianum, Pr. 109 F5  
 Taurini 97 E1  
 Tauroentum 14 B3  
 Tauromentum 38 E2; 97 G4; 148 E2  
 Taurus, M. 161 E4-G4; 162 B3  
 Taurus, Pr. 148 E3  
 Tava, R. 130 C2  
 Tavium 74 B2; 161 E2  
 Taxila 65 H3; 71 H3

Taygetos, M. 7 C5; 30 C5  
 Teanum (Apulum) 84 C3; 92 D2; 109 E3  
 Teanum Sidicinum (Teano) 84 C4; 92 D3; 94 C3; 97 G3; 109 E4; 111 E4; 115 A1  
 Teate 92 C2  
 Tebtunis 76 B2; 167 B2  
 Tectosages 136 B5  
 Tegea 16 B3; 29 C2; 30 C4  
 Tegula 146 B5  
 Tegyra 29 D1; 32 D4  
 Teichiussa 47 F4  
 Teichos Dymaion 6 B3; 56 A2  
 Tekoa 166 B4  
 Telamon 82 B5; 92 A3  
 Telandria 44 D3  
 Teslia 92 D3; 94 D3  
 Tell Sukas 15 G4  
 Telmessus 44 D3; 73 G4; 160 B5  
 Telos 33 B5; 60 E4  
 Tembris, R. 158 C2, 3; 160 C2, 3  
 Temenothyrae/Flaviopolis 158 B3; 160 C3  
 Tempe 23 B2; 30 C2  
 Templeborough 131 D5  
 Tempsa 94 A4; 109 G5  
 Temus, R. 146 B4  
 Tenedos 27 A3; 31 E2; 33 A1; 44 B2  
 Tenos 31 E4; 44 B3  
 Tentyra 76 C4; 167 C4  
 Teos, Teus 16 D2; 33 B3; 44 C3; 160 A3  
 Terenuthis 167 B1  
 Tergeste 95 C1; 108 D1  
 Terias, R. 38 E3; 148 E3  
 Terina 14 B1; 109 G5  
 Termantia 144 C2  
 Termera 44 C3  
 Termessus 73 H4; 158 C4; 160 C4  
 Terracina *see* Tarracina  
 Tetius, R. 156 B5  
 Tetrapolis 34 D2  
 Teurnia 138 D4  
 Teulussa 47 F5  
 Thabraca 97 E4; 150 C3  
 Thabudeos 154 B1  
 Thacnae 150 C5  
 Thagaste 150 B4  
 Thalamae 80 B3  
 Thamalluma 154 B1  
 Thamgnaioi 19 F4  
 Thamna 166 B4  
 Thamugadi (Timgad) 150 D1; 153 (Plan); 154 B1  
 Thapsacus/Amphipolis 58 D2; 64 C3; 74 C3  
 Thapsus [Africa] 97 F5; 104 C3; 150 C4  
 Thapsus [Sicilia] 38 E3  
 Tharros 97 E3; 146 B4  
 Thasos 15 F1; 16 C1; 31 D1; 32 F1; 44 B1  
 Thateis 50 E1  
 Thaumacoi 32 C4  
 Theadelphia 76 B2; 167 B2  
 Theangela 73 F4  
 Thebae [Achaea Phthiotis] 32 D3  
 Thebae [Bocotia] 29 D1; 30 C4  
 Thebae, Thebes/Diospolis Magna, 76 C4; 167 C4  
 Thebais 167 B4, C4  
 Thebais (Roman Province) 177 E5, F5  
 Thebe 9 D2  
 Thebeta 162 C3  
 Theilenhofen 140 D3  
 Thelepte 150 B4  
 Thelpusa 29 B2  
 Themisonium 73 G4  
 Theodosia 15 G2; 50 C2  
 Thera 16 D3; 31 E5  
 Therapnae 80 B3  
 Thermae [Icaros] 60 D3  
 Thermae (Himeracae), [Sicilia] 38 C2; 97 G4; 148 C2  
 Thermae Selinuntinae/Aquae Larodes 148 B3  
 Thermaicus Sinus 30 C2; 32 D2  
 Therme [Macedonia] 23 B1; 30 C1; 32 D2  
 Thermessa 38 D1  
 Thermi [Lesbos] 2 D2  
 Thermodon, R. 58 C1  
 Thermon, Thermos 6 B2; 10 B2; 12 B2; 29 B1; 32 C4  
 Thermopylae 23 B2; 24 (Battle, 480 BC; 30 C3; 32 C4; 101 (Battle, 191 BC)  
 Thermos, R. 148 C2  
 Thespeia, Thespiac 7 D3; 23 B3; 29 D1; 46 C3; 72 C3  
 Thesprotia(ns) 7 A1, 2; 9 A2; 30 A2, 3; 62 A2, B3  
 Thessalia, Thessaly 30 C2; 62 B3; 105 E3  
 Thessalia (Roman Province) 177 D4, E4  
 Thessalonica 56 B1; 70 A2; 72 C1; 129 D4; 143 D4; 171 D4; 177 E4  
 Theveste 97 E5; 128 C4; 150 B4, D1; 154 C1  
 Thibar, R. 151 A2  
 Thibilis 150 D1  
 Thinis 167 C4  
 Thisbe 6 C3; 7 C3; 29 D1  
 Thmuis 167 C1; 173 F5  
 Thoricos, Thorikos 6 D3; 10 C3; 12 C3; 29 E2; 34 D5  
 Thospitis (Van), L. 58 E2; 162 D2  
 Thouria 6 B4  
 Thracia 31 E1  
 Thracia (Diocese) 177 E3  
 Thracia (Roman Province) 129 E4; 143 E4; 171 E4; 177 E3  
 Thracium Mare 31 D1, E1  
 Thria 34 A3  
 Throni 156 C5  
 Thronion, Thronium 7 C2; 32 D4; 46 C3  
 Thyroessa 7 B4  
 Thryon 7 B4  
 Thubunae 154 B1  
 Thurburbo Maius 150 C4  
 Thurburbo Minus 150 C3  
 Thurbursicu Numidarum 150 B4, D1  
 Thugga 150 C3; 151 A2  
 Thule 54 B1  
 Thuria 29 C3  
 Thurii 84 D4; 94 A3; 97 G3  
 Thyateira 73 F3; 158 B3; 160 B3  
 Thymbriion 58 B2  
 Thyrea 16 B3; 29 C2; 46 C4  
 Thyrides, Pr. 29 C3  
 Thyrrreum 72 B3  
 Thyrsus, R. 146 C4  
 Thystrus 150 C4  
 Thyssus 44 A1; 46 D1  
 Tibareni 18 C2  
 Tiber(is), R. 86 B2; 108 D3; 122  
 Tiberias 166 C2  
 Tiberina, Via 122 B1  
 Tiberiopolis 158 B3  
 Tiberiopolis/Pappa 160 D4  
 Tibiscum 143 C2  
 Tibula 146 C3  
 Tibur (Tivoli) 84 B3; 86 C1; 92 C3; 108 D4; 110 D4; 122 C1  
 Tibureni 58 D1  
 Tiburtina, Via 90 E4; 122 C1; 123 A1  
 Ticinum 108 B2  
 Ticianus, R. 97 F1; 108 B2  
 Tie(i)um *see* Tios  
 Tifata, M. 81; 97 G3; 115 B1  
 Tifernum (Tiberinum) 108 D3  
 Tifernum Mataurense 119 B2  
 Tigisi(s) 150 D1; 172 C4  
 Tigranocerta 70 D3; 74 D2; 162 C2  
 Tigris, R. 18 D3; 64 C2; 70 D3; 162 D4  
 Tigullia 108 B3  
 Tiliaventum, R. 108 C1  
 Tillibari 154 C2  
 Tilox, Pr. 146 B1  
 Timbuktu 54 B3  
 Timetos, R. 148 E2  
 Timgad (Thamugadi) 150 D1; 153 (Plan); 154 B1  
 Tinea, R. 130 D4; 133 C2  
 Tingi(s) 96 A4; 128 A4; 150 A1; 170 A4; 176 A4  
 Tingitana, Mauretania 128 A5; 150 B1; 170 A4; 176 A4  
 Tinna, R. 108 D3  
 Tios, Tie(i)um 15 F3; 74 A1; 158 D1; 160 D1  
 Tipasa 96 D4; 150 C1  
 Tiryns 2 B3; 7 C4; 29 D2  
 Tissa 148 E2  
 Tivoli *see* Tibur  
 Tmolitae 158 B3  
 Tmolos, M. 9 D2; 31 G3; 33 C3; 160 B3  
 Toletum 144 B2

Tolfa 82 C5  
 Tolosa 136 B5  
 Tomen-y-Mur 131 B6  
 Tomi(s) 15 F3; 143 E3; 177 E3  
 Tomisa 161 H3; 162 B2  
 Topirus 143 D4  
 Topsham 131 C8  
 Toretæ 50 D2  
 Toronaicus Sinus 30 D2; 32 D2, E2  
 Torone 15 F1; 32 E2; 44 A1  
 Torre Annunziata (Oplontis) 111 H1  
 Trachis 30 C3  
 Traducta 144 B4  
 Tragana 6 B4  
 Tragia 33 B4  
 Traianopolis 143 E4; 177 E3  
 Traianopolis/Grymenothyrae 158 B3  
 Traiectum 138 B2  
 Traiectus 148 E2  
 Tralles/Seleucia 33 B3; 73 F3; 158 B3;  
 160 B4; 173 E4  
 Transalpina, Gallia 102 B2  
 Transpadana 108 B1; 138 C4  
 Trapez(o)us 15 H3; 50 E4; 58 D1; 161  
 H1; 162 C1  
 Trasimenus, L. 82 C4; 97 F2; 108 D3  
 Traversette, Col de la 97 E1  
 Trawscoed 131 B6  
 Treba 92 C3  
 Trebia, R. 97 F1; 108 B2  
 Trebula Mutuesca 92 C3  
 Trebula Suffenas 92 C3  
 Trechis 7 C2  
 Trennfurt 140 C2  
 Trent Vale 131 C6  
 Trezus, R. 109 E4  
 Tres Tabernæ 140 A3  
 Treveri 136 C2, D2; 138 B3  
 Treveri *see* Augusta Treverorum  
 Trianda 2 E3  
 Tricca 32 C3  
 Trichonis, L. 29 B1; 32 B4  
 Tricorii 97 E1  
 Tricorynthus 34 D2  
 Tridentum 108 C1  
 Trifanum 92 D3  
 Trikke 7 B1  
 Trimethus 156 C5  
 Trimontium 130 C3  
 Trinovantes 131 E7  
 Triocala 148 B3  
 Triopion 33 B5; 47 F4  
 Triphylia 30 B4  
 Tripolis [Asia] 160 B4  
 Tripolis [Syria] 74 B4; 162 B4  
 Tripolitana 176 C5  
 Tripontium 131 D6  
 Trisantonæ, R. [1, Britannia] 131 D6  
 Trisantonæ, R. [2, Britannia] 131 D8  
 Tritæa 29 B1  
 Trivicum 119 C4  
 Troad, Troas 16 D1; 31 F2; *see also*  
 Alexandria Troas  
 Trocnades 158 C2  
 Troesmis 143 E2  
 Troezen, Troizen 7 D4; 23 B3; 29 D2;  
 30 C4  
 Trogillum, Pr. 33 B4  
 Trogodos, M. 156 B5  
 Trogodytae 167 D5  
 Troia [Latium] 86 B2  
 Tropæum Traiani 143 E3  
 Trotilum 38 E3  
 Troutbeck 130 C4  
 Troy 2 D1; 3 (Plan); 9 D1; *see also* Ilion  
 Truenius, R. 109 D3  
 Tsangli 2 B2  
 Tsikalario 12 C3  
 Tubusuctu 150 D1  
 Tucci 144 C3  
 Tude 144 A1  
 Tuder 84 B3; 92 B3; 94 B1; 108 D3  
 Tuedis, R. 130 C2  
 Tullum 138 B3  
 Tungri 138 B2  
 Tunis 97 F4  
 Tuola, R. 146 B1, C1  
 Turdetani 96 A3; 144 B4  
 Turiaso 144 C1  
 Turin *see* Augusta Taurinorum  
 Tunis Libisonis 146 B3  
 Turublum Minus 146 C3  
 Tuscania 82 C5  
 Tuscina 176 C3  
 Tusculum 86 C2; 92 C3; 108 D4; 110  
 D4; 122 C2  
 Tuvius, R. 131 B6  
 Tuzritanus, Saltus 151 B2  
 Tyana/Eusebeia 58 C2; 74 B2; 161 E4  
 Tylissos 4 C2  
 Tymphaea 62 B2  
 Tyndaris 38 E2; 97 G4; 148 E2  
 Tyras 15 F2; 50 A1; 143 F2  
 Týras, R. 15 F2; 50 A1; 143 E1, F2  
 Týre, Týrus 64 B3; 68 (Plan); 74 B4; 162  
 A4; 166 A1; 171 F5; 173 F5; 177 F4  
 Tyriaion 58 B2  
 Týritace 50 C2  
 Týrrhenum/Infer(n)um Mare 107; 108  
 B4, C4  
 Ubii 136 C2  
 Ucubi 144 B3  
 Udensis, Saltus 151 A2  
 Ulatha 166 C1  
 Ulia 144 B3  
 Ulixis Portus 148 E4  
 Ulpia Traiana Sarmizeget(h)usa 143  
 D2; 171 D3  
 Ulpianum 143 C4  
 Ulubrae 94 B2  
 Umbri 84 B2  
 Umbria 108 C3; 176 C3  
 Umbro, R. 82 B4; 108 C3  
 Unterböbingen, 140 C3  
 Urbana 94 C3  
 Urbinum 108 D2  
 Urbs Salvia 92 B2  
 Urci 144 C4  
 Urcinium 146 B2  
 Uria 109 G4  
 Urmia/Matianus, L. 58 E2; 162 D2  
 Ursi, Pr. 146 C3  
 Urso 96 B3; 144 B4  
 Uruk/Orchoi 70 D4  
 Urvinum Mataurense 119 B2  
 Uselis 146 B4  
 Usha 166 B2  
 Ustica 38 B1; 148 B1  
 Utica 97 F4; 150 C3  
 Uxacona 131 C6  
 Uxama Barca 144 C2  
 Uxelodunum 133 A2  
 Uxii 64 D4  
 Uzentum 84 D4; 109 G4  
 Vaccaei 96 B2; 144 B1, 2  
 Vacomagi 130 B2, C2  
 Vada-Cecina 82 B4  
 Vada Sabatia 108 B3  
 Vada Volaterrana 108 C3  
 Vadimon, L. 92 B3  
 Vaga 150 C3; 151 A1  
 Vagniacis 131 E7  
 Vagum, Pr. 146 C1  
 Valentia [Italia] 108 B2  
 Valentia [Sardinia] 146 C4  
 Valentia [Tarraconensis] 144 D3  
 Valeria (Roman Province) 176 D3  
 Valeria [Tarraconensis] 144 C2  
 Valeria, Via 122 C1  
 Valle Latina 86 C2, D2  
 Van/Thospitis, L. 58 E2; 162 D2  
 Vandali 138 E2  
 Vaphio 6 C4; 56 B3  
 Varduli 144 C1  
 Vareia 144 C1  
 Varis 131 C5  
 Varvaria 143 A4  
 Vasada 160 D4  
 Vascones 144 C1, D1  
 Vasiliki 2 D4; 4 D2  
 Vasio 136 C4  
 Vathypatro 4 C2  
 Vaxus *see* Axos  
 Vectis 131 D8  
 Vegium 143 A4  
 Veii/Municipium Augustum Veiens  
 (Veio) 82 C5; 84 B3; 86 B1; 88  
 (Plan); 108 D4; 110 D4; 122 B1  
 Veldidena 138 D4  
 Veleia (Velleia) 95 A1; 108 B2; 110 B2;  
 119 A2  
 Velia (Elea) 14 B1; 84 C4; 92 E3; 97  
 G3; 109 F4; 111 F4  
 Veliocasses 138 A3  
 Velitæ 81; 82 D6; 92 C3; 94 B2; 122  
 C2  
 Veluniate (Carriden) 134 D1



Venafrum 92 D3; 94 C2; 109 E4  
Venasa 161 E3  
Veneria Sicca 150 B4  
Veneti 84 B1  
Venetia 108 C1; 138 C4; 176 C3  
Venicum 146 B2  
Venicones 130 C3  
Venonis 131 D6  
Venta Belgarum 131 D7  
Venta Icenorum 131 E6  
Venta Silurum 131 C7  
Ventimiglia *see* Albintimilium  
Venusia 92 E2; 94 E3; 97 G3; 109 F4  
Verbanus, L. 108 A2  
Verbeia 131 D5  
Vercellae 108 A2  
Vercovicium 133 C1  
Vergina 10 B1; 12 B1  
Verlucio 131 C7  
Vernemetum 131 D6  
Verona 108 C2; 110 C1  
Verteris 130 C4  
Vertis 131 C6  
Verulae 92 C3  
Verulamium 131 D7  
Vescera 154 B1  
Vesontio 136 C3; 138 B4; 176 C2  
Vestini 84 C3  
Vesuvius, M. 111 H1; 115 C2  
Vetera 128 C2; 136 C2; 138 B2; 170 C2  
Vetonianis 140 E3  
Vetralla 82 C5  
Vettones 144 B2  
Vetulonia 82 B4; 84 B3; 92 A3; 108 C3  
Vibo Valentia *see* Hipponium  
Vicat 162 D3  
Vicetia 108 C1  
Victoria 130 C3  
Vicus Alexandri 122 B2  
Vicus Altiaiensium 140 B2  
Vicus Augustanus Laurentium 122 B2  
Vicus Scuttarensium 140 D3  
Vicus V.V. 140 B2  
Vielbrunn 140 C2  
Vienna 136 C4; 172 C3  
Viennensis (Diocese) 176 B3, C3  
Villa Faustini 131 E6  
Villa Hadriani (Tibur) 122 C1  
Villa Iovis (Capri) 111 H2  
Villa Magna [Latium] 122 D2  
Villanova 82 B2  
Viminacium 129 D3; 143 C3; 171 D3;  
177 D3  
Vindelici 138 C4  
Vindius, M. 144 B1  
Vindobala 133 D1  
Vindobona 138 E4; 170 D3  
Vindocladia 131 C8  
Vindolanda 133 C1  
Vindomora 133 C2  
Vindonissa 128 C2; 138 C4  
Vindonium 131 D7  
Viniola [1, Sardinia] 146 B3

Viniola [2, Sardinia] 146 C4  
Vinovia 130 D4  
Vipasca 144 A3  
Viriballum, Pr. 146 B1  
Virconium (Cornoviorum) 128 B2; 131  
C6  
Viromandui 138 A3  
Virosidum 131 C5  
Virunum 128 D3; 138 D4; 176 D3  
Visentium 82 C5  
Vitellia 94 B2  
Vivara 115 B3  
Vivisci 136 B4  
Vix 52 C2  
Vocontii 136 C4  
Voghiera 82 C2  
Volaterrae (Volterra) 82 B3; 92 A3; 108  
C3; 110 C3  
Volcae 96 D2; 136 B5  
Volcae Arecomici 136 C4, 5  
Volci 108 D4  
Volga, R. 54 D1  
Volsci 84 B3  
Volsiniensis, L. 82 C5; 108 D3  
Volsinii (Bolsena) 82 C4; 84 B3; 92 B3;  
97 F2; 108 D3; 110 D3  
Volterra *see* Volaterrae  
Vulturum (S.Maria di Capua Vetere)  
94 C3; 109 E4; 111 H1; 115 B2  
Vulturum, R. 109 E4; 115 B1, 2  
Volubilis 150 A2  
Voreda 133 B2  
Votadini 130 C3  
Vounous 2 E4  
Vrokastro 4 D2; 10 D4; 12 D4; 156 C2  
Vrysinas 4 B2  
Vulcani(a)/Hiera Hephaesti Insula 38  
D1; 148 E1  
Vulci 82 C5; 84 B3; 92 B3; 110 D3  
  
Waddon Hill 131 C8  
Walheim 140 C3  
Waldmossingen 140 B4  
Wall Town 131 C6  
Walldurn 140 C2  
Walton 131 C6  
Walton Castle 131 E7  
Ward Law 130 C5  
Watling Lodge 134 C1  
Wearmouth 133 D2  
Weltenburg 140 E3  
Welwyn 131 D7  
Welzheim 140 C3  
Welzheim-Ost 140 C3  
Wensley 131 C5  
Westerwood 134 C1  
Whickham 133 D2  
White Mountains 4 A2, B2; 156 A2  
White Walls 131 C7  
Whitley Castle 133 B2  
Wiesental 140 B3  
Wigan 131 C5  
Wilderness Plantation 134 B2

Wilderspool 131 C5  
Wimborne 131 C8  
Wimpfen 40 C3  
Wimpole Lodge 131 D7  
Wiveliscombe 131 C7  
Worth 140 C2  
Worcester 131 C6  
Wreay 133 B2  
Würzburg 140 C2  
  
Xanthos, R. 9 E3  
Xanthus 73 G4; 80 E3; 158 B4; 160 C5  
Xiphonia 38 E3  
Xiphoniae, Pr. 148 E3  
Xois 167 B1  
Xuthia 38 E3  
Xynias, L. 30 B3, C3; 32 C4  
Xypete 34 B3  
  
Zab (Greater), R. 58 E2  
Zab (Lesser), R. 58 E3  
Zabi 154 B1  
Zacynthos 29 A2; 30 A4; 60 A3  
Zadracarta 54 D2; 65 E3; 71 F3  
Zaghoun 150 C4  
Zagora 12 C3  
Zagurae 162 D3  
Zaitha 162 C3  
Zakro 4 E2; 56 C4  
Zama (Battle) 99  
Zama Regia 97 F4; 150 C4  
Zancle *see* Messina  
Zapatias, R. 58 E2  
Zarai 150 D1  
Zarax 29 D3  
Zariaspa 65 G2  
Zegrenses 150 A2  
Zela 74 B1; 105 F2; 161 F2  
Ze(i)a 9 D1; 73 F2  
Zenobia 162 C3  
Zephyrium 167 A1  
Zephyrium, Pr. 156 A6  
Zeugma/Seleucia 70 C3; 74 C3; 162  
B3  
Zilis 150 A1  
Zliten 151 F2  
Zoelae Civitas 144 B2  
Zoster, Pr. 29 E2  
Zou 4 E2  
Zugmantel 140 B1  
Zygouries 2 B3; 6 C3