RANDOM HOUSE @BOOKS

World History
Clive Ponting

Contents

Cover

About the Book

About the Author

Charts

Maps

Dedication

Title Page

Introduction: World History

Part One: Ninety-Nine Per Cent of Human History (to $c.10,000~{ m BCE}$)

- 1. Origins
 - 1.1. Primates
 - 1.2. Human Ancestors
 - 1.3. Early Humans
 - 1.4. The Origin of Modern Humans
 - 1.5. Brains and Language
- 2. Gathering and Hunting
 - 2.1. The World of the Early Humans
 - 2.2. Hunter or Scavenger?
 - 2.3. Early Humans
 - 2.4. Ways of Life
 - 2.5. Modern Humans
 - 2.6. The Peopling of the World
 - 2.6.1. Australia
 - 2.6.2. The Americas
 - 2.6.3. The Pacific

Overview 1: The World in 10,000 BCE

Part Two: The Great Transition

- 3. Crops and Animals
 - 3.1. Why Agriculture?
 - 3.2. South-West Asia
 - 3.3. The Spread of Farming from South-West Asia
 - 3.3.1. Europe
 - 3.3.2. The Nile valley
 - 3.4. China
 - 3.5. The Americas and Elsewhere
 - 3.5.1. Mesoamerica
 - 3.5.2. North America
 - 3.5.3. The Andes
 - 3.5.4. The rest of the world
 - 3.6. The Impact of Farming

Overview 2: The World in 5000 BCE

- 4. The Emergence of Civilization
 - 4.1. Civilization
 - 4.2. Mesopotamia: The Origins of Civilization
 - 4.2.1. The early phases
 - 4.2.2. Uruk
 - 4.2.3. The early dynastic
 - 4.3. Mesopotamia: Expansion and Conquest
 - 4.3.1. Trade
 - 4.3.2. The first empires
 - 4.4. Later Mesopotamia
 - 4.5. Egypt
 - 4.5.1. Unification
 - 4.5.2. The first dynasties
 - 4.6. The Indus Valley
 - 4.7. Technology
 - 4.8. Writing

Overview 3: The World in 2000 BCE

- 5. Isolation: The Americas and the Pacific
 - 5.1. Early Mesoamerica

- 5.2. Teotihuacan
- 5.3. The Maya
- 5.4. The Aztecs
- 5.5. Early Peru and the Andes
- 5.6. The Inca
- 5.7. The Pacific

Part Three: The Early Empires (2000 BCE-600 CE)

- 6. The Early Eurasian World
 - 6.1. Eurasian Societies
 - 6.2. Eurasian States and Empires
 - 6.3. The Pattern of Early Eurasian History
 - 6.4. The Nomadic World
 - 6.5. Contacts
- 7. Interaction (2000–1000 BCE)
 - 7.1. Expansion and Stability
 - 7.1.1. Mesopotamia
 - 7.1.2. Egypt
 - 7.2. Crisis
 - 7.3. The Indo-Europeans
 - 7.3.1. Language
 - 7.3.2. History
 - 7.3.3. India
 - 7.4. The Imperial Contest
 - 7.4.1. Hittites, Kassites and Assyrians
 - 7.4.2. Egypt
 - 7.5. The Incorporation of the Aegean
 - 7.5.1. Crete and Mycenae
 - 7.5.2. Scripts and language
 - 7.5.3. Cyprus
 - 7.6. Trade
 - 7.7. The Eurasian Periphery: Europe
 - 7.8. Early China: the Shang
 - 7.8.1. Shang society and state
 - 7.8.2. The Chinese script

7.9. Collapse

- 8. Expansion (1000–200 BCE)
 - 8.1. Iron
 - 8.1.1. Iron in south-west Asia and India
 - 8.1.2. Technological stagnation
 - 8.1.3. Iron in China and technological advance
 - 8.2. China: the Early Chou
 - 8.3. China: the Creation of a Centralized State
 - 8.4. China: Economy, Society and Ideas
 - 8.5. The First Indian Empire
 - 8.5.1. Indian society
 - 8.5.2. Buddhism and the Jains
 - 8.5.3. The Mauryan empire
 - 8.6. South-west Asia: the Supremacy of Assyria
 - 8.7. The Phoenicians and the Levant
 - 8.7.1. The Levant
 - 8.7.2. Carthage
 - 8.7.3. The alphabet
 - 8.7.4. Israel
 - 8.8. The Achaemenid Empire
 - 8.9. Greece
 - 8.9.1. The Greek alphabet
 - 8.9.2. Early Greece
 - 8.9.3. Sparta
 - 8.9.4. Athens
 - 8.10. The Macedonian Empire
 - 8.10.1. Alexander
 - 8.10.2. The Hellenistic kingdoms
 - 8.11. The Incorporation of Italy
 - 8.11.1. The Etruscans
 - 8.11.2. Early Rome
- 8.12. The Eurasian Periphery: Central and Western Europe

Overview 4: The World in 500 BCE

- 9. The Linking of the Eurasian World (200 BCE-200 CE)
 - 9.1. China: the Creation of the Unified State
 - 9.2. Han Expansion and the Hsiung-nu
 - 9.3. India
 - 9.4. The Parthian Empire
 - 9.5. Roman Expansion
 - 9.6. Roman Society
 - 9.7. Internal Crisis: the Han and Roman Empires
 - 9.7.1. China
 - 9.7.2. Rome
 - 9.8. Eurasian Connections: the Silk Road
 - 9.9. Eurasian Connections: the Maritime Routes
 - 9.10. Han China: Prosperity and Stability
 - 9.11. The Roman Empire: Prosperity and Stability
 - 9.12. The Beginnings of the Eurasian Crisis

Overview 5: The World in 150 CE

- 10. Crisis (200-600 CE)
 - 10.1. Disease
 - 10.2. China: Disintegration
 - 10.3. The Roman Empire: Disintegration and

Reconstruction

- 10.4. The Spread of Buddhism
- 10.5. Paganism
- 10.6. Early Christianity
- 10.7. Constantine and the Established Church
- 10.8. Revival in China
- 10.9. The Incorporation of the East Eurasian Periphery
 - 10.9.1. Korea
 - 10.9.2. Japan
- 10.10. India: the Gupta Empire
- 10.11. The Crisis of the Late Roman Empire
- 10.12. The Revival of the Eastern Roman Empire
- 10.13. The Roman-Sasanian Contest

Overview 6: The World in 600 CE

Part Four: The Great Empires (600-1500 CE)

- 11. The Rise of Islam (600–1000)
 - 11.1. Early Islam
 - 11.2. The Expansion of Islam
 - 11.3. The Organization of the Islamic World
 - 11.3.1. The early caliphate
- 11.3.2. The Umayyads and the first and second civil wars
 - 11.3.3. Umayyad society
 - 11.4. The Creation of the Byzantine State
- 11.5. China: the Sui and the T'ang Revival and Expansion
 - 11.5.1. Expansion
 - 11.5.2. Economy and society
 - 11.5.3. Beliefs
 - 11.6. The Imperial Contest in Central Asia
 - 11.6.1. The Turks
 - 11.6.2. The Tibetan empire
 - 11.6.3. The imperial contest
 - 11.7. The Eurasian Periphery: Japan and South-east Asia
 - 11.7.1. Japan
 - 11.7.2. South-east Asia
 - 11.8. The Eurasian Periphery: Western Europe
 - 11.8.1. Iberia and Britain
 - 11.8.2. Italy
 - 11.8.3. The Frankish kingdom and empire
 - 11.9. Eurasian Problems
- Overview 7: The World in 750 CE
 - 11.10. Islam: the Abbasid Empire
 - 11.10.1. Iberia
 - 11.10.2. Military slavery
 - 11.10.3. The Fatimids and disintegration
 - 11.10.4. The Byzantine world
- 11.11. East Eurasian Problems: China, Tibet and the Uighurs

11.12. West Eurasian Problems: Disintegration and Invasion

Overview 8: The World in 1000 CE

- 12. The Later Eurasian World
 - 12.1. Farming and Ways of Life
 - 12.1.1. The diffusion of new crops
 - 12.2. Islam at the Centre of Eurasian Trade
 - 12.2.1. The Indian Ocean world
 - 12.2.2. European trade
 - 12.2.3. The trading world
 - 12.3. Science and Technology: China
 - 12.4. Science and Technology: Islam and Europe
 - 12.5. Paper, Printing and Gunpowder
 - 12.5.1. Paper
 - 12.5.2. Printing
 - 12.5.3. Gunpowder
- 13. The Age of China (1000-c.1250)
 - 13.1. Sung China and its Neighbours
 - 13.2. Sung Agriculture
 - 13.3. Sung Industry
 - 13.4. Sung Trade and Finance
 - 13.5. Sung Society
- 13.6. The East Eurasian Periphery: Korea, Japan and the Khmer
 - 13.6.1. Korea
 - 13.6.2. Japan
 - 13.6.3. The Khmer
 - 13.7. The Islamic World: Political Fragmentation
 - 13.7.1. The Islamic world in the eleventh century
 - 13.7.2. The impact of the Turks
 - 13.7.3. The Islamic world in the late twelfth century
 - 13.8. The Unity of Islam
 - 13.9. The Expansion of Islam: India
 - 13.10. The Expansion of Islam: West Africa

- 13.11. The Expansion of Islam: East Africa
 - 13.11.1. Christian Ethiopia
- 13.12. The West Eurasian Periphery: Europe Recovery, Expansion and Definition
 - 13.12.1. Recovery and expansion
 - 13.12.2. Iberia
 - 13.12.3. The expansion of Christianity
 - 13.13. Europe: the Emergence of Kingdoms
 - 13.13.1. The 'empire'
 - 13.13.2. 'France' and the Angevins
 - 13.13.3. Central and eastern Europe
- 13.13.4. The destruction of the Byzantine empire *Overview 9: The World in 1200*
- 14. The Mongol Empire (1200-1350)
 - 14.1. Chinggis-khan
 - 14.2. Ogodei and Guyuk
 - 14.3. The Empire at its Peak
 - 14.4. Ruling the Empire
 - 14.5. The Break-up of the Empire
 - 14.5.1. China
 - 14.5.2. Iran and Mesopotamia
 - 14.5.3. The Qipchag
 - 14.5.4. The Chaghatai khanate
 - 14.6. The End of Mongol Rule
- 15. Recovery (1350-1500)
 - 15.1. Famine and Plague
 - 15.2. China: the Rise of the Ming
 - 15.3. China and the Surrounding World
 - 15.4. China: Stability
 - 15.5. Korea, Japan and South-east Asia
 - 15.5.1. Korea
 - 15.5.2. Japan
 - 15.5.3. South-east Asia
 - 15.6. Temur

- 15.7. The Rise and Defeat of the Ottomans
- Overview 10: The World in 1400
 - 15.8. Ottoman Revival and Expansion
 - 15.9. Europe: Fragmentation in the West
 - 15.9.1. The 'empire'
 - 15.9.2. England and France
 - 15.9.3. Italy and the papacy
 - 15.9.4. Iberia
 - 15.10. Europe: the Kingdoms in the East
 - 15.10.1. Poland-Lithuania
 - 15.10.2. Hungary
 - 15.10.3. The rise of Moscow
 - 15.11. Into the Atlantic

Part Five: The World Balance (1500-1750)

Overview 11: The World in 1500

- 16. The Columbian World
 - 16.1. The Rise of Europe
 - 16.2. The Columbian World: Disease
 - 16.3. The Columbian World: Animals and Crops
- 17. The Early World Economy: the Atlantic and Indian Oceans
 - 17.1. The Early Spanish Empire
 - 17.1.1. Expansion
 - 17.1.2. Exploitation
 - 17.2. Atlantic Slavery
 - 17.3. Brazil: Slavery and Plantations
 - 17.4. The Dutch and the French
 - 17.5. Early English Slavery
 - 17.6. The Eighteenth-Century Plantation Economies
 - 17.6.1. The West Indies
 - 17.6.2. North America
 - 17.6.3. Brazil
 - 17.6.4. The Spanish empire
 - 17.7. The Slave Trade

- 17.8. Africa in the Atlantic Economy
- 17.9. Gold and Silver
- 17.10. Europe and Asia: the Portuguese
- 17.11. Europe and Asia: the Dutch
- 17.12. Europe and Asia: the English
- 17.13. Asia and the Europeans
- 17.14. The Old Eurasian Trade Routes
- 17.15. Eurasian Economies: the Ottomans, India and China
 - 17.15.1. The Ottomans
 - 17.15.2. India
 - 17.15.3. China
 - 17.16. Eurasia in c.1750
- 18. The Gunpowder Empires and States
 - 18.1. The Impact of Gunpowder on Eurasia
 - 18.2. The Ottoman Empire
 - 18.2.1. Expansion
 - 18.2.2. The nature of the empire
 - 18.3. Safavid Iran
 - 18.4. The Uzbek Empire
 - 18.5. The Mughal Empire
 - 18.6. Japan: Civil War and Reunification
 - 18.7. Europe: Reality and 'Renaissance'
 - 18.7.1. Reality
 - 18.7.2. 'Renaissance'
 - 18.8. Europe: Religious Divisions
 - 18.9. Europe: Dynastic Conflict
 - 18.10. Eastern Europe
 - 18.10.1. Poland-Lithuania
 - 18.10.2. Moscow
 - 18.11. The Military Revolution
 - 18.12. The Rise of the European State
- 19. The Seventeenth-Century Crisis and After
 - 19.1. The Nature of the Crisis

- 19.2. The Crisis in China: the fall of the Ming
- 19.3. The Crisis in the Ottoman Empire
- 19.4. The Crisis in Western Europe
- 19.5. The Crisis in Eastern Europe
 - 19.5.1. Moscow
 - 19.5.2. Poland-Lithuania
 - 19.5.3. Serfdom
- 19.6. Recovery
- 19.7. China: Stability and Prosperity
 - 19.7.1. Expansion
 - 19.7.2. Economy and society
- 19.8. Japan Under the Tokugawa
- 19.9. The Ottoman and Safavid Empires
- 19.10. European Conflicts

Overview 12: The World in 1700

- 19.11. The Peripheral Powers of Europe: Britain and Russia
 - 19.11.1. Britain
 - 19.11.2. Russia
 - 19.12. The European War 1792-1815
 - 19.13. The Mughal Empire
 - 19.13.1. The empire at its height
 - 19.13.2. The collapse of the empire
 - 19.14. The World Balance c.1750

Part Six: The Creation of the Modern World (1750-2000)

- 20. The Origins of the Modern Economy and Society (c.1750-c.1900)
 - 20.1. The Transformation
 - 20.2. The Problem
 - 20.3. Europe: Food and People
 - 20.4. Technology
 - 20.5. Energy
 - 20.6. The British Experience
 - 20.7. Why Britain?

- 20.8. The European Experience
- 20.9. The American Experience
- 20.10. Communications
- 20.11. Industrialization and Society
 - 20.11.1. Poverty, wealth and health
 - 20.11.2. The rise of cities
 - 20.11.3. Pollution
- 20.12. Government and Society
- 21. Europe and the World (c.1750-c.1900)
 - 21.1. Eurasian views
 - 21.1.1. Europe
 - 21.1.2. Islam
 - 21.1.3. India
 - 21.2. Technology
- 21.3. The Establishment of British Power in India and South-east Asia 1750–1818
 - 21.4. Britain and India 1818-77
 - 21.4.1. Britain and the Indian economy
 - 21.4.2. The Great Rebellion and after
- 21.5. The Independence of the Americas: the United States
 - 21.6. The Independence of the Americas: the Slave Revolt
 - 21.7. The Independence of the Americas: Latin America
 - 21.8. The Atlantic Economy in the Nineteenth Century
 - 21.9. Europe: People and Food
 - 21.10. The Ottoman Empire
 - 21.11. Russian expansion
- 21.12. China: the Early Stages of the Nineteenth-Century Crisis
- 21.13. China: the Nineteenth-Century Crisis Internal Revolt
 - 21.14. China: External Pressure
 - 21.15. Japan Under the Later Tokugawa
 - 21.16. Japan and the Outside World
 - 21.17. Japan: the Reaction to External Pressure

- 21.18. Asia in the Late Nineteenth Century
- 21.19. Africa
- 21.20. The World Balance at the End of the Nineteenth Century

Overview 13: The World in 1900

- 22. The European Civil Wars (1815–1945)
 - 22.1. European Stability 1815-70
 - 22.2. The European Balance 1871–1914
 - 22.3. The First European Civil War 1914-18
 - 22.4. Revolution
 - 22.5. The Versailles Settlement
 - 22.6. European Politics
 - 22.7. Fascism and Nazism
 - 22.8. Communism
 - 22.9. The European Balance 1919-39
- 22.10. The Second European Civil War and World War 1939-45
 - 22.11. The Holocaust
 - 22.12. Europe in 1945
- 23. The Modern World Economy
 - 23.1. People and Disease
 - 23.1.1. Population
 - 23.1.2. Disease
 - 23.2. Food and Land
 - 23.3. Technology
 - 23.4. Production and Energy
 - 23.5. Urbanization
 - 23.6. Globalization
 - 23.6.1. Trade and finance
 - 23.6.2. Transnational corporations
 - 23.7. Economies
 - 23.8. Pollution
- 24. The Changing Balance (*c*.1900–2000)

- 24.1. The European Empires
- 24.2. Rising Nationalism
- 24.3. The Vicissitudes of China
- 24.4. The Impact of Japan
 - 24.4.1. The European empires
 - 24.4.2. China
- 24.5. The World Balance in the Mid-Twentieth Century
 - 24.5.1. The United States and the Soviet Union
 - 24.5.2. The European powers
 - 24.5.3. The end of the European empires
- 24.6. Europe: Stability and Instability
 - 24.6.1. Stability in western Europe
 - 24.6.2. Stability and instability in eastern Europe
- 24.7. The Revival of China
- 24.8. The World Balance at the End of the Twentieth Century

Acknowledgements
Guide to Further Reading
Index
Copyright

About the Book

Conventional accounts of world history tend to focus on the rise of Western civilisation and concentrate on the story of ancient Greece, the Roman empire and the expansion of Europe. The histories of the great civilisations of China, India and Japan, and therefore the experience of the majority of the world's people, have been relegated to a minor place. World History adopts a radically different approach. Starting from the assumption that the human story has to be seen in the round, it examines the evolution of humans, their lives as hunters and gatherers and their eventual adoption of agriculture, before looking at the emergence of civilisation across the globe; in Mesopotamia, Egypt, China, the Indus Valley, Mesoamerica and Peru. It on to tell the story of the earliest empires, emphasising not just their differences but also their similarities. It explains how contacts were established between them and how technologies, ideas and the world's great religions travelled from one to another. It describes the great empires of Islam, of China and of the Mongols. Only towards the end of the story does Europe come slowly to dominate the world, against the background of technical innovations and social and economic change.

About the Author

Clive Ponting is Senior Lecturer in Politics at the University of Wales, Swansea. He is the author of the bestselling A Green History of the World, the highly controversial revisionist biography Churchill, and Armageddon: The Second World War. His most recent book was The Pimlico History of the Twentieth Century.

Charts

- 1 Early technology: the increasing efficiency of stone tool production
- 2 The evolution of the cuneiform script
- 3 The evolution of alphabetic scripts
- 4 The Greek and Phoenician alphabets
- 5 Types of horse harnessing
- 6 World energy consumption
- 7 World urbanization

Maps

- <u>1</u> Early Hominid sites in east Africa
- 2 The settlement of the world
- <u>3</u> The settlement of the Pacific: the Polynesian triangle
- 4 South-west Asia: key sites for the origins of agriculture
- 5 The cities of Sumer
- **<u>6</u>** Early Mesopotamian trade routes
- 7 South-west Asia: the early states and empires
- 8 The Nile valley: principal sites of Egyptian civilization
- 9 The Indus valley civilization
- 10 Mesoamerica
- 11 The valley of Mexico
- 12 The Aztec empire
- 13 The Inca empire
- 14 Central Asia
- 15 The Indo-European languages of Eurasia
- 16 China: regions
- 17 China: the states of the 'Spring and Autumn' period (771-403 BCE)
- 18 China: the 'Warring States' (403–221 BCE)
- 19 Phoenician expansion in the Mediterranean
- 20 The Etruscan cities
- 21 Central and east Eurasia under the early Han
- 22 The Parthian empire
- 23 Eurasian connections in the Roman-Han period
- 24 The 'Silk Road' in central Asia
- 25 Maritime trade of south-east Asia
- 26 Central and east Eurasia under the later Han
- 27 Early Japan
- The 'barbarians' in the western empire c.525 CE

- 29 The 'reconquest' under Justinian
- 30 The establishment of Islam
- 31 Eurasia in the early eighth century
- 32 China: the Grand Canal
- 33 The Carolingian empire
- 34 China in the tenth century (the 'Five Dynasties')
- 35 The Viking world
- $\underline{^{36}}$ Islam at the centre of Eurasia: trade routes 600–1500 $_{\text{CE}}$
- 37 The Indian Ocean world 600-1500 CE
- 38 The spread of paper from China
- 39 Japan under the early Shogunate
- 40 The rise of the Seljuq Turks
- 41 The Delhi Sultanates
- 42 Early Africa
- 43 The conversion of Europe
- 44 The western empire in the tenth century
- 45 'France' in the mid-eleventh century
- 46 The Angevin empire
- 47 The Mongol empire in the late thirteenth century
- 48 The spread of the 'Black Death' in Europe
- 49 Eurasia in the early fifteenth century
- 50 The Atlantic world
- 51 Portugal and Asia: the sixteenth century
- <u>52</u> Europe and Asia: the seventeenth and eighteenth centuries
- 53 The Ottoman empire in the mid-sixteenth century
- <u>54</u> The Safavid empire
- 55 Japan in the fifteenth and sixteenth centuries
- <u>56</u> European religious divisions in the mid-sixteenth century
- 57 The Habsburg inheritance of Charles V
- 58 The growth of Moscow
- 59 The Ch'ing empire in 1760
- 60 The Ottoman empire 1660-1800
- 61 The eastward expansion of Russia

- 62 The westward expansion of Russia
- 63 Europe at the height of Napoleon's power 1810
- 64 The later Mughal empire
- 65 British expansion in north India
- 66 British expansion in south India
- 67 India in 1900
- 68 The independence of Latin America
- 69 The Ottoman empire: territorial losses 1699-1913
- 70 Russian expansion in the Caucasus
- 71 Russian expansion in central Asia
- 72 China: the external impact in the nineteenth century
- 73 Asia at the end of the nineteenth century
- 74 Africa in the early twentieth century
- **75** Europe 1919-38
- 76 Europe at the height of German power, 1942

In memory of Bonnie Hunter Wilkinson (1926–1997)

WORLD HISTORY

A New Perspective

CLIVE PONTING



INTRODUCTION

World History

What is world history? It is not simply a compilation of the histories of the individual states, empires and civilizations that have existed in the world. Such an approach cannot bring out the common themes within these units nor the way in which they have interacted. Neither can it trace the diffusion of knowledge and technologies between the different human communities. World history has to be constructed around common themes and developments. In doing so it needs to take account of the experience of all the different human communities without favouring that of any one group. The fundamental argument of this book is that our way of viewing the history of the world is deeply flawed and biased. Its faults stem from a profound Eurocentrism compounded with a belief in 'western civilization' as the main dynamic force in world history and the embodiment of all that is good and progressive in human societies and ways of thought. Such a view is bound to downplay or dismiss both the role and the importance of other traditions and societies; indeed the experience of the majority of the world's people. This book attempts to provide a more balanced account of human history.

One of the commonest ways of trying to write world history is to structure it around a series of 'civilizations'. One of the first to do so was Oswald Spengler whose major work was translated into English as *The Decline of the West* in 1932. It is mainly a comparison of the 'west' with

the Graeco-Roman world and has few other illustrations. Spengler sees civilizations as independent entities free of external influences and with their history largely consisting of artistic and philosophical developments. Each has, from the start, a 'soul' embedded in it which pervades and directs it. The best-known work using this approach is A Study of History by Arnold Toynbee, published in twelve volumes over almost thirty years after the early 1930s. Toynbee was very much a product of the European world in the early twentieth century. As a Social Darwinist he argues that civilizations are like organisms. They emerge from a 'challenge and response' in the natural environment and in a struggle for survival go through a common cycle of genesis, growth, breakdown and disintegration. As an elitist he believes that the crucial element in their histories is the 'creative minority'. Others since Toynbee have produced their own systems. Pitirim Sorokin argued in Social and Cultural Dynamics that civilizations were 'cultural supersystems' moving in a cyclical process from 'ideational' to 'sensate' and then 'idealistic'. Carroll Quigley writing in the early 1960s thought there were two different types of society - 'parasitic' and 'productive' each with its own 'instrument of expansion'. More recently David Wilkinson has argued for a 'central civilization' which was created from the merger of Egyptian and Mesopotamian civilizations nearly four thousand years ago, and subsequently incorporated other civilizations until 1850 (when Japan was included) and a single world civilization came into existence. The best of all world histories - The Rise of the West by William McNeill - is also essentially 'civilizational' in approach, although it does stress the interactions between these units and the forces that have affected them all.

There are a number of problems in using this approach. Crucially, there is no agreement on what constitutes a civilization or how many there have been. Toynbee started

with a list of twenty-three but by the end of his work had accumulated a different list of twenty-eight. Quigley thought there were only sixteen civilizations. Others have suggested nineteen. Thus for some historians Japan is separate from a 'Far Eastern' or Chinese civilization, for others it is not, and in some systems China is differentiated from the rest of Asia. Some identify a separate 'Minoan' civilization on Crete, others see it merely as a precursor to that of ancient Greece. There is no agreement on the existence of a separate Orthodox Christian civilization or on whether there is an Islamic one separate from its heritage of pre-existing civilizations. How groups such as the Hittites and Jews should be treated has never been resolved. About the only area of agreement is that there was a separate 'Egyptian' civilization, although its starting dates vary by over two and a half millennia and its end date by almost a millennium.

An even more fundamental problem in studying world of civilizations the basis is that their history on identification is largely based on certain features of 'high culture' - literary works (especially 'great books'), philosophy, religion and art styles - which are almost entirely the responsibility of a small elite in society (until the last few decades a majority of the world's people were illiterate). Placing the emphasis in world history on 'civilizations' therefore gives far too great an importance to these elements in human history. Closer investigation also reveals that nearly all of these 'civilizations' are made up of very different 'cultures' and languages - as for example in China or western Europe. So although it is obvious that the way in which human societies have evolved in China and in western Europe has produced very different cultures they also contain within themselves almost equally great differences. The idea that civilizations contain 'essences' which are transmitted over time has an element of truth. However, it ignores the fact that, for example, both China and western Europe in the nineteenth century were fundamentally different in almost every respect from their condition two thousand years earlier – only a small part of a 'civilization' is actually transmitted over long periods of time. The civilizational approach with its emphasis on essentially 'intellectual' features also neglects whole areas of human history, in particular the social, economic, technological, military and strategic, each of which has its own pattern of development. It is therefore not valid to compare a civilization with one which existed several thousand years earlier because of the intervening economic, technological and social developments.

Focusing attention on individual civilizations necessarily tends to treat them as autonomous units evolving according to their own unique dynamics. It therefore ignores two fundamental features of world history. The first is the common economic and technological background to human societies. From this perspective it is far more useful to identify the similarities between human societies rather than their differences in terms of some aspects of high culture. As chapter 6 explains, many of the common rhythms in the histories of the early 'civilizations' identified by Toynbee are no more than the common features of all the early agricultural societies and empires. The second problem is the downplaying of the links between different societies together with the consequent transmission of ideas, religious beliefs and technologies. The civilizations to develop entirely in isolation were those of the Americas. One of the central elements of world history is the way in which all the different societies have gradually been brought closer together.

Perhaps the commonest way of viewing the history of the world is to see it through the spectacles of 'western civilization'. It is a tradition deeply embedded in European culture and one that owes much to ideas of European supremacy generated in the nineteenth century. It accepts that 'civilization' first emerged in Mesopotamia and Egypt but then rapidly moves on to the more congenial field of the true origins of 'western civilization'. This is believed to be Minoan Crete and Mycenaean Greece as the precursors of 'classical' Greece and Rome. They, particularly the former, are seen as the originators of 'western' ways of thinking, which are 'rational' and 'scientific', and 'western' political traditions, in particular democracy. These attributes were uniquely transmitted to Europe. Although Islam was briefly important, it is the 'rise of Europe' from about 800, at first under the empire of Charlemagne, that produces the driving force of world history. This unique, dynamic and enterprising culture was first demonstrated in Crusades and, after 1500, in the 'age of exploration' with the associated bringing of the benefits of European civilization to the rest of the world. It is 'western civilization' that was able to produce the 'scientific revolution'. revolution', technological the 'industrial progress, capitalism and the unique European political structure of rational, limited government and democracy. In this narrative China. India and the rest of the world have separate, detached histories of little wider importance until they are swept up by an advancing Europe into the 'world civilization' which it created. Europe is therefore seen as the privileged domain of world history, characterized by change and development. As the 'West' it is equivalent to the whole of the 'East' (the rest of Eurasia) which is essentially characterized as being irrational authoritarian and static and stagnant (until the 'West' arrives). This book rejects such an approach entirely.

The problem of how to deal with western European civilization, in particular in the period after about 1500, is found not just in the 'western civilization' approach but in others also based on 'civilizations' as the key units in world history. Toynbee, having identified Western Christianity as a separate civilization, was then worried by the

implications - if it was subject to the 'laws' of history, which he believed he had discovered, then it was doomed to decline. He did not like this prospect and many of the later volumes of his work are little more than musings about how this might be avoided. The global expansion of the emerged 'civilization' which in western undoubtedly changed the way in which the civilizations of the world interacted. Indeed it is at this point, in the middle of the nineteenth century, that William McNeill's book draws to a somewhat unsatisfactory close. His message is, however, clear - history leads up to the 'Rise of the West' and its domination of the world.

At the beginning of the twenty-first century it is far less obvious than when McNeill was writing his book in the 1950s that this is in fact the case. In a remarkable piece of self-criticism written on the twenty-fifth anniversary of the publication of *The Rise of the West*, McNeill admitted that the major weakness of his great work was the discounting of the creation by western Europe after 1500 of an integrated world economy from which it (and its offspring in north America) was the primary beneficiary. In part this is an acceptance of the fact that any approach to world history based primarily on 'civilizations' is bound to downplay the role of economic and social history. It is also a recognition of the work of Immanuel Wallerstein since the early 1970s and his 'world systems' approach. This argues for a fundamental discontinuity in world history around 1500 with the creation by Europe of a world system of capitalism not directly related to any political empire (as previous systems of exploitation had been). In the process it restructured the world into a 'core' of wealthy, industrialized states, a 'periphery' of backward, dependent, agricultural states and a 'semi-periphery' of intermediate status. Some historians have attempted to apply the idea of different types of 'world system' to periods before 1500. They have some validity but have not been fully developed.

However, Wallerstein has rejected all of these attempts and insists that the situation after 1500 is unique in world history. The problem with this approach is that it too is deeply Eurocentric. It assumes that western Europe was the only dynamic element in the world and that as early as 1500 it was strong enough to carry out the remaking of the other long-established societies and economies. This book argues that western Europe did not have such power for some considerable time and that it was not until the middle of the eighteenth century that it had even reached a situation of parity with the communities of Asia, in particular India and China.

The idea of western European uniqueness in economic and social terms is not restricted to Wallerstein or his intellectual opponents who argue for a 'European miracle' of property rights, individual enterprise, freedom, wealth creation and accumulation and all the benefits of free market capitalism, limited government and democracy. Marxism too reflects many of the views dominant in nineteenth-century Europe, especially the belief in progress as being at the root of human history. The Marxist view of history, with its fixed stages of primitive communism, slave society, feudalism and capitalism (to be followed by the inevitable triumph of communism), is based entirely on the European experience as understood by the knowledge mid-nineteenth century. available in the It too irredeemably Eurocentric. To the that extent considered (or knew about) the experience of other societies, it was usually to dismiss it as a form of 'oriental Subsequently Marxist despotism'. historians attempted to shoehorn the development of all human societies into the model he developed from his view of the European past. Where Marx is important is in his emphasis on the fact that all human societies have been based on dominant (and exploitation elites states) appropriated the surpluses produced by the majority for