The Cambridge Encyclopedia of

Editor Brian Hook University of Leeds

Consultant Editor Denis Twitehett Princeton University



The right of Iht University of Cambridge to print and sell all manner of books was granted by Henry VIII in 1534. The University has printed and published continuously since 1584.

CAMBRIDGE UNIVERSITY PRESS

Cambridge New York Port Chester Melbourne Sydney

Contents

- List of maps
- 10 Preface
- Introduction: The Chineseness of China 11

LANDAND RESOURCES

Geographical and Climatic Regions 16

- 17 General geography
- 23 The northeast
- 24 The northern steppe The north-central heartland
- 25 26 The inner north
- 27
- The lower Yangtze region 28 The middle Yangtze region
- 29 The maritime south
- 30 Sichuan and the southwest
- 31 The high plateaux
- 32 The wild environments

34 **Natural Resources**

- 34 Energy resources
- 38 Metals and metallic ores
- 42 Other minerals
- 43 Cement
- 44 Fertilizers

Communications 45

- 45 Inland waterways
- 46 Maritime shipping
- 47 Historic routes and trade patterns
- 48 The modern road system
- 49 The railways
- 50 Civil aviation
- 51 The postal service
- 51 Radio and television

52 The Economy

- 52 Development
- 54 Agriculture
- 59 Industrial development
- 65 Hong Kong
- 65 Taiwan 66
- Macao

PEOPLES

- 68 Anthropology
- 68 Origins of human culture in East Asia
- 72 The Mongoloid family of peoples
- The expansion of the Han Chinese 75

77 The Non-Han Cultures

- The national minorities 77
- Scripts of the non-Han Chinese 82

84 External China

- 84 Historical perspective
- 85 Hong Kong and Macao
- The Chinese overseas today 86

SOCIETY

92 The Social Order

- 92 The individual, family and community
- 93 The work unit
- 93 Hierarchy, authority and lineage
- 95 The status of women
- 96 Village society
- 97 Urban life
- Social aspects of trade 98
- 99 Secret societies
- 99 Social aspects of communes, production brigades and teams

147 State of Jin

148 State of Qi

148 Wei Vallev

149 Feudalism

151 XiangYu(d. 202BC)

The Great Wall

Political ideas

155 SimaQian(145-c. 90 BC)

156 Eunuchs in Qin and Han

157 Ban Gu (AD 32-92)

157 Historical perspective

158 State of Wu (222-80)

159 State of Shu (221-63)

159 WesternJin(265-316)

Northern Wei (387-534)

162 Power struggle in the north

163 The fall of the south

The Great Wall

(220-65)

Former Han

Xiongnu

Chang'an Institutions

156 Xin(AD9-23)

151 Burning of the Books

149 Qin

151

151

151

155

155

155

162

164 Wendi

165 Yangdi

165

165 Chang'an

166 Grand Canal

166 Background

173 Background

167 Tang government

174 The Ten Kingdoms

177 Historical perspective

Northern Song

176 Tangut empire

(AD 907-59)

173 Five Dynasties (north China)

177 Khitan empire(Liaodynasty)

177 Taizu(ZhaoKuangyin)(928-76)

178 Taizong(ZhaoKuangyi)(939-97)

166 The Turks 166 Korea

156 Paper

156 Later Han

157 Luoyang

149 The Qin Dynasty (221-206 BC)

151 The Han Dynasty (202 BC-AD 220)

157 Wei, Jin and Northern and Southern

158 Cao Cao (155-220) and the state of Cao Wei

161 Eastern Jin (317-420), and southern dynasties

164 The Sui Dynasty (AD 581-618)

166 The Tang Dynasty (ADM518-907)

173 Five Dynasties and Ten Kingdoms

177 The Song Dynasty (AD 960-1279)

179 Huizong (Zhao Ji) (1082-1135) and the fall of

Dynasties (AD 220-581)

148 State of Chu

101 Law

- 101 Codification
- 101 Penal system
- 102 Collective punishment
- 103 Customary law
- 105 The communist legal system

107 Education

- 107 The traditional education system
- 109 The examination system .
- 111 Literacy
- 113 Socio-political use of character reform
- 113 Printing
- 114 The introduction of Western higher education
- 116 Education as indoctrination: traditional and
 - modern
- The educational achievements of the People's 117 Republic

120 Health and Medicine

- 120 Traditional medicine: social and philosophical background
- 123 Face and pulse diagnosis
- 124 Conduit therapies
- 124 Herbalism and pharmacology
- 127 Traditional body care
- 127 Traditional medical literature
- 129 Western and Chinese medicine combined
- 130 Anaesthesia
- 131 Medical services

132 Games and Sports

- 132 Traditional games and sports
- 133 Western sports

THE CONTINUITY OF CHINA

- 136 Archaeology
- 137 Legendary prehistory
- 138 Palaeolithic cultures
- 138 Neolithic cultures

142 Shang: The First Historical Dynasty (c. 1554-1045 BC)

- 142 The state
- 143 Divination
- 144 Religion
- 144 The economy 144 Bronze working

145 The Zhou Dynasty

Warring States

(c. 1122-221 BC)

145 Western Zhou: Founding and founders

146 Eastern Zhou: 'Spring and Autumn' and the

Contents

- 179 Gaozong (1107-87) and the establishment of Southern Song
- 180 Government
- 181 The civil service and its recruitment
- 181 New elites
- 182 The commercial revolution
- 183 The reforms of Wang Anshi (1021-86)
- 184 Kaifeng
- 185 TheLiaodynasty(904-1125)
- 187 Xixia(c. 990-1227)
- 188 The Jin dynasty (1115-1234)
- 188 Printing and the successful application of technology
- 188 Hangzhou
- 188 Urbanization and urban culture
- 189 Foreign relations
- 190 Neo-Confucianism

191 The Yuan Dynasty (AD 1276-1368)

- 191 Emperors
- 192 Structure of government
- 192 Economy
- 193 Factions and rebellions
- 194 Foreign relations
- 194 Religion and philosophy
- 194 Literature and art
- 194 Science and technology

19 5 The Ming Dynasty (AD 1368-1644)

- 195 ZhuYuanzhang Rebellion (1355-67)
- 196 The Hongwu Emperor, 'Grand Progenitor', the Ming dynasty's founder
- 196 Yongle Emperor
- 197 Dual capitals
- 198 Zheng He
- 199 Grand Secretariat
- 199 Eunuchs
- 200 The Ming lijia and baojia systems
- 200 The gentry and the Ming examination system
- 200 Tribute and trade
- 201 Mongol wars
- 201 Japan-diplomacy, trade and piracy
- 202 Jiajing and Wanli reigns
- 202 Merchant colonization
- 202 Huizhou and Shanxi merchants
- 203 Single-whip tax reform (Yi tiao bian)
- 203 Jingdezhen, the ceramic centre
- 204 Tiangongkaiwu, technological encyclopedia
- 204 Bencao gang mu
- 204 WangYangming
- 205 Donglin Academy
- 205 Matteo Ricci
- 205 Li Zicheng Rebellion

206 The Qing Dynasty (AD 1644-1912)

- 206 Historical perspective
- 208 Nurhachi(1559-1626)
- 208 Abahai(1592-1643)
- 209 Manchu banner system
- 209 Shanhaiguan invasion
- 209 Dorgon(1612-50)
- 209 Manchu-Chinese dyarchy
- 209 KangxiEmperor(1654-1722)
- 210 Rites Controversy
- 210 Three Feudatories Revolt
- 210 Tibet
- 211 Turkestan

212 Treaties of Nerchinsk and Kiakhta

250 New Fourth Army Incident

253 The People's Republic

261 Three-Anti and Five-Anti campaigns

The Sino-Indian border dispute

270 Socialist Education Movement

250 Civil war

252 Taiwan

253 Liberation

259 ZhouEnlai

262

268 Tibet

268

254 Mao Zedong

260 New Democracy

Korean War

263 Agricultural cooperatives

265 The Hundred Flowers

265 Great Leap Forward

266 The communes

267 Agricultural crisis

267 PengDehuai

270 The two lines

277 'Gang of four'

270 Cultural Revolution

274 The Ussuri Incident

273 Ninth Party Congress

274 Tenth Party Congress

276 Death of Mao Zedong

276 HuaGuofeng(b. 1920)

277 Deng Xiaoping (b. 1904)

280 Eleventh Party Congress

280 ZhaoZiyang(b. 1919)

281 Twelfth Party Congress

282 The Beijing massacre 284 Li Peng (b. 1928)

284 Jiang Zemin (b. 1926)285 People's Liberation Army

285 Taiwan (1949-79)

288 Cosmology

294 Folk religion

301 Confucianism

314 Manichaeism

304 Buddhism

313 Judaism

296 Daoism

291 Ancestor worship

288 Divination

285 China's nuclear capability

THE MIND AND SENSES OF CHINA

288 Beliefs, Customs and Folklore

296 Philosophy and Religion

309 Other schools of philosophy

281 Spiritual Pollution Campaign

281 Thirteenth Party Congress

281 Democracy Wall

280 The opening of China to the West

279 Four Modernizations

274 Anti-Confucian campaign

275 Tiananmen Incident. 1976

265 Anti-Rightist Campaign

269 The Sino-Sovietconflict

262 Land reform

264 Five-year Plans

263 GaoGang

252 Chiang Kai-shek

- 212 Qianlong Emperor(1711-99)
- 213 Literary inquisition
- 213 Suzhou and other handicraft centres
- 214 Yangzhou salt merchants
- 214 White Lotus Rebellion (1796-1805)
- 215 Eight Trigrams Rebellion (1813)
- 215 The Canton system
- 216 The Macartney embassy
- 216 The British East India Company
- 216 The Napier mission
- 217 Lin Zexu(1785-1850)
- 218 The Opium War
- 218 The Treaty of Nanjing
- 218 The Taiping Rebellion
- 219 The Nian Rebellion
- 219 The Man Rebellio
- 220 Muslim rebellions
- 220 Small Sword Society Uprising (Shanghai and vicinity. 1853-5)
- 220 Manchuria and Russia
- 222 Xinjiang
- 222 The Arrow War (1856-60)
- 223 Tongzhi Restoration
- 223 The Self-strengthening Movement (Zigiang)
- 224 Guandu Shangban Enterprises
- , 224 ZengGuofan (1811-72)
- 224 LiHongzhang(1823-1901)
- 225 ZongliYamen
- 225 Treaty ports
- 225 Missionaries
- 226 Tianjin Massacre
- 226 Sino-French War (1884-5)
- 227 Empress Dowager Cixi (1835-1908)
- 227 Sino-JapaneseWar(1894-5)
- 227 The Reform Movement of 1898
- 229 The Boxer Uprising (1900)
- 230 TheRusso-JapaneseWar(1904-5)

231 Railway Protection Movement

231 Wuchang Uprising: the Republican Revolution of

233 The Republican Period (1912-49)

230 Constitutional Movement

232 Manchu abdication (1912)

233 SunYat-sen(1866-1925)

234 YuanShikai(1859-1916)

236 The May Fourth Movement

237 The Chinese Communist Party

240 The Northern Expedition

Nanjing government

245 Marco Polo Bridge Incident

249 Rectification campaigns

246 Anti-Japanese War and United Front

239 Peng Pai and the peasants' movement

230 Tongmenghui

1911

235 Parliaments

237 The Guomindang

238 The United Front

241 The Shanghai coup

242 New Life Movement

243 Manchukuo

247 Chongqing

249 Yan'an

248 Joseph Stilwell

243 Jiangxi Soviet

244 The Long March

235 Warlords

241

- 314 Zoroastrianism
- 314 Islam
- 317 Christianity
- 319 Late Qing and early 20th-century thought
- 321 Chinese thought since the May Fourth Movement
- 324 Words and Signs
- 324 Origin of the Chinese language
- 325 Early pronunciation
- 326 Chinese dialects and Modern Standard Chinese
- 329 The evolution of Chinese writing
- 329 Categories of Chinese characters331 The Chinese writing system
- 333 Calligraphy
- 334 Metaphors, allusions and proverbial phrases 335 Personal and family names
- 335 Personal and family nam 337 Transcription
- 337 Dictionaries
- 557 Dictionalies

340 Literature

- 340 Printing and publishing
- 342 Epigraphy and the earliest texts
- 343 The Confucian classics
- 345 Annals and histories
- 347 Principal poets and writers
- 351 Traditional fiction and popular literature
- 354 Dramatic narratives and oral literature
- 354 Western and Marxist influences in the 19th and 20th centuries

358 Drama, Music and Cinema

- 358 The drama tradition
- 359 The Chinese theatre: social background
- 359 The dramatic form
- 361 The Peking Opera and the modern phase
- 361 Music
- 354 Western-style drama
- 365 Cinema
- 367 Radio and television

368 Cuisine

- 368 Historical introduction
- 370 The basis of Chinese cuisine today
- 372 Ingredients, recipes and meals
- 373 Beverages
- 374 Regional variations
- 376 Chinese nutritional concepts
- 376 Social uses of food

377 Time and Quantities

- 377 Hours
- 377 The traditional calendar
- 378 The cycle of the years
- 379 Coins and currencies
- 380 Dimensions, weights and measures

ART AND ARCHITECTURE

- 382 Design and Symbol
- 382 Ritual bronze vessels
- 385 Bronze bells
- 385 Stone-chimes
- 385 Ritual jades
- 386 Jade insignia
- 386 Ceramics
- 390 Bronze

- 390 Gold
- 390 Silver
- 391 Sculpture
- 393 Jade
- 394 Ivory
- 395 Symbolism in art 397 Pictorial reference
- 397 Pictorial references and emblems in Chinese art398 Calligraphy

Contents

452 Mining industry. 1911-49

454 Civil engineering, 1911-49

APPENDICES

456 A: Guide for Visitors

of China

504 Acknowledgements

General physical map

Temperatures: July

Frost-free periods

Wild environments

Sources of energy

Inland waterways

Silk Road

Railways

152 Han China 195 BC

159 The Three Kingdoms

154 Han China AD 2

Liang

186 China in 1206

206 China in 1760

226 Treaty ports

328 Dialects

Annual precipitation

Temperatures: January

Population distribution

Origins of human culture: sites

China's minority nationalities

Principal places of origin in China

Distribution of major Palaeolithic sites

Teochiu. Hakka and Hokkien emigrant areas

162 Division between Northern Wei and Southern Qi

163 Division between Eastern Wei. Western Wei and

163 North China in the early 6th century AD

Five Dynasties and Ten Kingdoms

191 East and Central Asia under the Mongols

199 Itinerary of Zheng He's 7th expedition

The Mongoloid families

Cantonese emigrant area

160 Frontiers of Western Jin China

162 Northern Wei and Liu-Song

Song dynasty China

211 Tibet: early 19th century

221 Manchuria: 19th century

324 Sino-Tibetan languages

198 China during the Ming dynasty

214 White Lotus and Eight Trigrams

Administrative and geographical regions

470 Further reading

475 Select glossary

485 Index

Maps

16

18

18

18

18

19

21

22

32

37

45

48

49

68

72

79

88

88

88

137

174

178

Soils

459 B: Sources of Information

465 D: Methods of Simplifying Characters

466 E: Chinese Communist Party Organizations

469 H: Major Foreign Trade Organizations of the

People's Republic of China

467 F: Government of the People's Republic of China

468 G: Military Organizations of the People's Republic

462 C: Transliteration Tables

453 Mining industry and training, 1949 onwards

454 Civil engineering and training. 1949 onwards

399 Historical Phases and Schools

- 399 Perspective
- 400 Neolithic period
- 401 Shang dynasty
- 401 Zhou dynasty
- 402 Han dynasty
- 404 Wei. Jin and Northern and Southern dynasties
- 406 Tang dynasty
- 409 Song dynasty
- 412 Yuan dynasty
- 414 Ming dynasty painting
- 416 Ming dynasty ceramics
- 416 Ming lacquer
- 416 Ming cloisonne enamel 417 Qing~dynasty painting
- 417 Qing~dynasty painting418 Qing dynasty ceramics
- 418 Qing dynasty jade
- 419 The Republic
- 419 The People's Republic of China

419 Techniques of Art Forms and Crafts

- 419 Calligraphy and painting
- 421 Lacquer
- 422 Textiles
- 423 Furniture
- 424 Gold and silver

425 Architecture

- 425 Archaeological evidence
- 425 Available materials
- 426 Structural methods
- 427 Traditional principles of layout and planning
- 428 Traditional building types

437 Physical Sciences

447 Iron and steel technology

448 Mechanical engineering

431 Garden architecture

SCIENCE AND TECHNOLOGY: HISTORICAL PERSPECTIVE

446 Salt industry and deep borehole drilling

451 Mining and Civil Engineering

451 Mining and civil engineering before 1911

- 434 Agriculture and Biological Sciences
- 434 Agriculture
- 435 Botany 437 Zoology

437 Chemistry

438 Earth sciences

440 Mathematics

444 Technology

444 Shipbuilding

441 Astronomy