NINTH EDITION

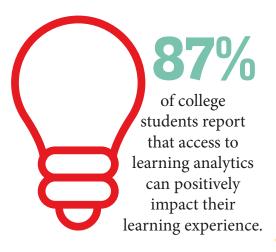
# EXPERIENCE HISTORY

INTERPRETING

AMERICA'S PAST



DAVIDSON | DELAY | HEYRMAN | LYTLE | STOFF



**75**%

of students using adaptive technology report that it is "very helpful" or "extremely helpful" in aiding their ability to retain new concepts. "I can honestly say that the first time I used SmartBook after reading a chapter I understood what I had just read better than I ever had in the past."

Nathan Herrmann, Oklahoma State University

"I really enjoy how it has gotten me engaged in the course and it is a great study tool without having to carry around a heavy textbook."

- Madeline Uretsky, Simmons College

### **Professors spend:**

Less time on administrative tasks

**72**%

90%

More time on active learning

"Connect keeps my students engaged and motivated. Requiring Connect assignments has improved student exam grades."

- Sophia Garcia, Tarrant County College



To learn more about Connect History visit the McGraw-Hill Education American History page: www.mhhe.com/history





# EXPERIENCE HISTORY

INTERPRETING AMERICA'S PAST

**NINTH EDITION** 

James West Davidson

Brian DeLay
UNIVERSITY OF CALIFORNIA, BERKELEY

Christine Leigh Heyrman

UNIVERSITY OF DELAWARE

Mark H. Lytle

BARD COLLEGE

Michael B. Stoff
UNIVERSITY OF TEXAS, AUSTIN









#### EXPERIENCE HISTORY: INTERPRETING AMERICA'S PAST, NINTH EDITION

Published by McGraw-Hill Education, 2 Penn Plaza, New York, NY 10121. Copyright ©2019 by McGraw-Hill Education. All rights reserved. Printed in the United States of America. Previous editions ©2014, 2011, and 2008. No part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written consent of McGraw-Hill Education, including, but not limited to, in any network or other electronic storage or transmission, or broadcast for distance learning.

Some ancillaries, including electronic and print components, may not be available to customers outside the United States.

This book is printed on acid-free paper.

#### 1 2 3 4 5 6 7 8 9 LWI 21 20 19 18

 ISBN
 978-1-259-54180-3 (bound edition)

 MHID
 1-259-54180-0 (bound edition)

 ISBN
 978-1-260-16451-0 (loose-leaf edition)

 MHID
 1-260-16451-9 (loose-leaf edition)

Senior Portfolio Manager: Jason Seitz Lead Product Developer: Dawn Groundwater Senior Product Developer: Sara Gordus Marketing Manager: Will Walter

Content Project Managers: Susan Trentacosti, Katie Reuter, Karen Jozefowicz

Senior Buyer: Laura Fuller Design: Jessica Cuevas

Senior Content Licensing Specialist: Ann Marie Jannette

Cover Image: ©McGraw-Hill Education

Compositor: Aptara®, Inc.

All credits appearing on page or at the end of the book are considered to be an extension of the copyright page.

#### Library of Congress Cataloging-in-Publication Data

Names: Davidson, James West, author. | DeLay, Brian, 1971- author. | Heyrman,

Christine Leigh, author. | Stoff, Michael B., author.

Title: Experience history: interpreting America's past / James West

Davidson, Brian DeLay, University of California, Berkeley, Christine Leigh Heyrman, University of Delaware, Mark H. Lytle, Bard College, Michael B.

Stoff, University of Texas, Austin. Other titles: Interpreting America's past

Description: Ninth edition. | New York, NY: McGraw-Hill Education, [2019] Identifiers: LCCN 2018026957 | ISBN 9781259541803 (alk. paper) | ISBN

1259541800 (alk. paper)

Subjects: LCSH: United States-History. | United States-History-Study and

teaching.

Classification: LCC E178.1 .E94 2019 | DDC 973-dc23 LC record available at

https://lccn.loc.gov/2018026957

The Internet addresses listed in the text were accurate at the time of publication. The inclusion of a website does not indicate an endorsement by the authors or McGraw-Hill Education, and McGraw-Hill Education does not guarantee the accuracy of the information presented at these sites.





### **Brief Contents**

1	The First Civilizations of North America 1				
2	Old Worlds, New Worlds 1400–1600 24				
3	Colonization and Conflict in the South 1600–1750 44				
4	Colonization and Conflict in the North 1600–1700 69				
5	The Mosaic of Eighteenth-Century America 1689–1768 90				
6	Imperial Triumph, Imperial Crisis 1754–1776 116				
7	The American People and the American Revolution 1775–1783 140				
8	Crisis and Constitution 1776–1789 161				
9	The Early Republic 1789–1824 188				
10	The Opening of America 1815–1850 222				
11	The Rise of Democracy 1824–1840 245				
12	Afire with Faith 1820–1850 269				
13	The Old South 1820–1860 292				
14	Western Expansion and the Rise of the Slavery Issue 1820–1850 314				
15	The Union Broken 1850–1861 340				
16	The Civil War and the Republic 1861–1865 363				
17	Reconstructing the Union 1865–1877 396				
18	The New South and the Trans-Mississippi West 1870–1914 418				
19	The New Industrial Order 1870–1914 454				
20	The Rise of an Urban Order 1870–1914 481				
21	Realignment at Home and Empire Abroad 1877–1900 507				
22	The Progressive Era 1890–1920 538				
23	The United States and the Collapse of the Old World Order 1901–1920 564				
24	The New Era 1920–1929 591				
25	The Great Depression and the New Deal 1929–1939 620				
26	America's Rise to Globalism 1927–1945 650				
27	Cold War America 1945–1954 684				
28	The Suburban Era 1945–1963 706				
29	Civil Rights and Uncivil Liberties 1947–1969 731				
30	The Vietnam Era 1963–1975 756				
31	The Conservative Challenge 1976–1992 786				
32	The United States in a Global Community 1980–Present 813				





### Contents

List of Maps and Charts xxi Preface xxiii

# 1 THE FIRST CIVILIZATIONS OF NORTH AMERICA

>> AN AMERICAN STORY:

The Power of a Hidden Past 1

A Continent of Cultures 3

Civilizations of Ancient Mexico 4

Farmers, Potters, and Builders of the Southwest 5

Chiefdoms of the Eastern Woodlands 5

Life on the Great Plains 6

Survival in the Great Basin 7

The Plenty of the Pacific Northwest 7

The Frozen North 7

Innovations and Limitations 8

America's Agricultural Gifts 9

Landscapers 9

The Shape of a Problem 11

HISTORIAN'S TOOLBOX An Ancient Calendar 12

Animals and Illness 12

Crisis and Transformation 13

Enduring Peoples 14

MANY HISTORIES How Many People Lived on

Hispaniola in 1492? 16

MAPPING THE PAST Indians of North

America, c. 1500 17

North America on the Eve of Contact 18

Putting History in Global Context 18

**CHAPTER SUMMARY 18** 

DIGGING DEEPER 19

#### AFTER THE FACT

Tracking the First Americans 20

### 2 OLD WORLDS, NEW WORLDS 1400–1600

>> AN AMERICAN STORY:

Fishing Nets and Far Horizons 24

#### Eurasia and Africa in the Fifteenth Century 26

Europe's Place in the World 26

Africa and the Portuguese Wave 27

HISTORIAN'S TOOLBOX A Witch Bottle 28

Sugar and the Origins of the Atlantic Slave Trade 29

#### Spain in the Americas 30

The Spanish Beachhead in the Caribbean 30

Conquest of the Aztecs 31

MAPPING THE PAST Routes of European

Exploration 32

The Columbian Exchange 33

The Crown Steps In 33

MANY HISTORIES How Did Spaniards and Aztecs

Remember First Contact? 34

The Search for North America's Indian Empires 35

#### Religious Reform Divides Europe 37

The Teachings of Martin Luther 38

The Contribution of John Calvin 38

The Birth of Spanish Florida and French

Huguenots 39

The English Reformation 39

#### England's Entry into America 40

The Ambitions of Gilbert, Raleigh, and Wingina 40

A Second Roanoke—and Croatoan 41

#### Putting History in Global Context 42

**CHAPTER SUMMARY 43** 

**DIGGING DEEPER 43** 

# 3 COLONIZATION AND CONFLICT IN THE SOUTH 1600–1750

#### >> AN AMERICAN STORY:

Outlandish Strangers 44

#### Spain's North American Colonies 47

The Founding of a "New" Mexico 47

The Growth of Spanish Florida 49

Popé and the Pueblo Revolt 50

#### English Society on the Chesapeake 51

The Virginia Company 51

MANY HISTORIES What Caused the Pueblo

Revolt? 52

Reform and a Boom in Tobacco 53



The Founding of Maryland and the Renewal of Indian Wars 54 Changes in English Policy in the Chesapeake 54 Chesapeake Society in Crisis 56	The Dominion of New England 87 Royal Authority in America in 1700 88  Putting History in Global Context 89		
Bacon's Rebellion and Coode's Rebellion 56 From Servitude to Slavery 57	CHAPTER SUMMARY 89 DIGGING DEEPER 89		
Africa and the Atlantic Slave Trade 57 HISTORIAN'S TOOLBOX Pendant Mask from Benin 60	THE MOSAIC OF		
From the Caribbean to the Carolinas 61  MAPPING THE PAST Carolinas and the Caribbean 62  Paradise Lost 63	EIGHTEENTH-CENTURY AMERICA 1689–1768		
The Founding of the Carolinas 63 >> Carolina, Florida, and the Southeastern Slave Wars 64 White, Red, and Black: The Search for Order 65	AN AMERICAN STORY: The Tale of a Tattooed Traveler 90 Crisis and Transformation in Northern New Spain 92		
The Founding of Georgia 67  Putting History in Global Context 67	Defensive Expansion into Texas 92  MAPPING THE PAST European Territorial Claims 93		
CHAPTER SUMMARY 68	Crisis and Rebirth in New Mexico 95		
DIGGING DEEPER 68	Spanish California 95  MANY HISTORIES The Founders of Spanish California 96		
COLONIZATION AND	Women and the Law in New Spain and British  North America 98		
CONFLICT IN THE	Eighteenth-Century New France 99		
NORTH 1600-1700	Colonial Compromises 99  France on the Gulf Coast 101		
AN AMERICAN STORY:	Slavery and Colonial Society in French Louisiana 101		
Bears on Floating Islands 69	Forces of Division in British North America 102		
France in North America 71  The Origins of New France 71	Population Growth 102		
New Netherland, the Iroquois, and the Beaver Wars 72 HISTORIAN'S TOOLBOX A French Map 74	Moving into the Backcountry 103  Social Conflict on the Frontier 103  Eighteenth-Century Seaports 104		
The Lure of the Mississippi 75	Social Tension in Seaports 105		
The Founding of New England 75	Slave Societies in the Eighteenth-Century South 106		
The Puritan Movement 75  The Pilgrim Settlement at Plymouth Colony 76	The Slave Family and Community 106		
MAPPING THE PAST Early New England 77	HISTORIAN'S TOOLBOX The Hadley Chest 107 Slave Resistance in Eighteenth-Century British		
The Puritan Settlement at Massachusetts Bay 78	North America 108		
Stability and Order in Early New England 79	Enlightenment and Awakening in America 110		
Communities in Conflict 80	The Enlightenment in America 110		
Goodwives and Witches 81	The First Great Awakening 111		
The People in the Way 81  MANY HISTORIES Accusations and Defenses	The Aftermath of the Great Awakening 111		
in the Salem Witchcraft Trials 82	Anglo-American Worlds of the Eighteenth Century 111		
Metacom's War 83	English Economic and Social Development 111		
The Mid-Atlantic Colonies 83	The Consumer Revolution 112		
English Rule in New York 84	Inequality in England and America 112 Politics in England and America 113		
The Founding of New Jersey 84	The Imperial System before 1760 114		
Quaker Odysseys 84			
Patterns of Growth 85	Putting History in Global Context 115		
Quakers and Politics 86	CHAPTER SUMMARY 115		

>>

Adjustment to Empire 87



DIGGING DEEPER 115

#### IMPERIAL TRIUMPH, **IMPERIAL CRISIS** 1754-1776

#### AN AMERICAN STORY:

George Washington and the Half King 116

#### The Seven Years' War 118

Years of Defeat 118 A Shift in Policy 120 Years of Victory 121 Postwar Expectations 121

#### The Imperial Crisis 123

Pontiac's Rebellion 123

MAPPING THE PAST The Appalachian Frontier 124

George Grenville's New Measures 125

The Beginning of Colonial Resistance 126

Riots and Resolves 127

**HISTORIAN'S TOOLBOX Lord Chatham** 

and America 128

Repeal of the Stamp Act 128

The Townshend Acts 129

The Resistance Organizes 129

Liberty's Other Sons 130

The Boston Massacre 131

Resistance Revived 131

MANY HISTORIES Who Was to Blame for

the Boston Massacre? 132

The Empire Strikes Back 133

#### Toward the Revolution 134

The First Continental Congress 134 The Last Days of the British Empire in America 135

The Fighting Begins 137 Common Sense 137

Putting History in Global Context 138

**CHAPTER SUMMARY 138** 

**DIGGING DEEPER 139** 

#### THE AMERICAN PEOPLE AND THE AMERICAN **REVOLUTION 1775–1783**

#### AN AMERICAN STORY:

"Will He Fight?" 140

#### The Decision for Independence 142

The Second Continental Congress 142

The Declaration 143

American Loyalists 144

MANY HISTORIES Abigail and John Adams Spar on Women's Rights and the American Revolution 145

#### The Fighting in the North 146

The Two Armies at Bay 146

MAPPING THE PAST Patterns of Allegiance 147

Laying Strategies 148

Capturing Philadelphia 150

Disaster for the British at Saratoga 150

#### The Turning Point 150

The American Revolution Becomes a Global War 150 Winding Down the War in the North 151

War in the West 152

#### The Struggle in the South 153

The Siege of Charleston 154

The Partisan Struggle in the South 154

Greene Takes Command 155

HISTORIAN'S TOOLBOX Runaways 157

African Americans in the Age of Revolution 158

#### The World Turned Upside Down 158

Surrender at Yorktown 158

Putting History in Global Context 159

**CHAPTER SUMMARY 160** 

**DIGGING DEEPER 160** 

#### **CRISIS AND** CONSTITUTION 1776-1789

#### AN AMERICAN STORY:

These United States 161

#### Republican Experiments 163

The State Constitutions 163

From Congress to Confederation 164

#### The Temptations of Peace 165

The Temptations of the West 165

Foreign Intrigues 166

Disputes among the States 167

The More Democratic West 168

The Northwest Territory 168

MAPPING THE PAST The Ordinance of 1785 169

Slavery and Sectionalism 170

Wartime Economic Disruption 171

#### Republican Society 172

The New Men of the Revolution 172

The New Women of the Revolution 173

HISTORIAN'S TOOLBOX A Woman's Compass 174

Mary Wollstonecraft's Vindication 175

Republican Motherhood and Education 175

The Attack on Aristocracy 176

#### From Confederation to Constitution 176

The Jay-Gardoqui Treaty 176



Shays's Rebellion 177
Framing a Federal Constitution 177
The Virginia and New Jersey Plans 178
The Deadlock Broken 179
Ratification 180
MANY HISTORIES Republican Remedy? 181

Putting History in Global Context 182

**CHAPTER SUMMARY** 183

**DIGGING DEEPER 183** 

#### AFTER THE FACT

White and Black Southerners Worshiping
Together 184

### 9 THE EARLY REPUBLIC1789–1824

>> AN AMERICAN STORY:
"I Felt My Blood Boil" 188

### A Social and Political Portrait of the New Republic 190

Semisubsistence and Commercial Economies 191
The Constitution and Commerce 193
Washington Organizes the Government 193
Hamilton's Financial Program 193

#### The Emergence of Political Parties 196

Americans and the French Revolution 197
Washington's Neutral Course 197
The Federalists and the Republicans Organize 197
The 1796 Election 198
Federalist and Republican Ideologies 198
The Presidency of John Adams 199

Suppression at Home 199
The Election of 1800 199

John Marshall and Judicial Review 200

The Political Culture of the Early Republic 200

African American Celebrations 201

MANY HISTORIES Can This Marriage Be Saved? 202

Women's Education and Civic Participation 203

#### The Republicans in Power 203

The New Capital City 203

Jefferson's Philosophy 204

Jefferson's Economic Policies 204

The Miami Confederacy Resists 204

Napoleon, Haiti, and Louisiana 206

Pressure on Indian Lands and Culture 206

MAPPING THE PAST Exploration and Expansion:

The Louisiana Purchase 207
White Frontier Society 208

The Beginnings of the Second Great Awakening 208
The Prophet, Tecumseh, and the Pan-Indian
Movement 208

#### The Second War for American Independence 210

The Embargo 210

Madison and the Young Republicans 210

The Decision for War 211

The British Invasion 213

HISTORIAN'S TOOLBOX Remembering Lafayette 214

Monroe's Presidency 215

#### Putting History in Global Context 216

CHAPTER SUMMARY 216

**DIGGING DEEPER 217** 

#### AFTER THE FACT

Sally Hemings and Thomas Jefferson 218

### 10 THE OPENING OF AMERICA 1815–1850

#### >> AN AMERICAN STORY:

From Boom to Bust with One-Day Clocks 222

#### The National Market Economy 224

The New Nationalism 225

The Cotton Trade 225

The Transportation Revolution 225

MAPPING THE PAST The Transportation Network of

a Market Economy, 1840 226

The Communications Revolution 228

The Transformation of Agriculture 228

John Marshall and the Promotion of Enterprise 229

#### A People in Motion 230

Population Growth 230 Geographic Mobility 230

Urbanization 231

#### The Rise of Factories 232

Technological Advances 232

Textile Factories 233

Lowell and the Environment 234

Industrial Work 235

The Labor Movement 236

Sam Patch and a Worker's "Art" 237

#### Social Structures of the Market Society 238

Household Production and Consumption 238

The Emerging Middle Class 238

MANY HISTORIES The Market and Equality:

She Said. He Said 239

The Distribution of Wealth 240

Social Mobility 240



HISTORIAN'S TOOLBOX The Clock's Two Faces 241

A New Sensitivity to Time 242

The Market at Work: Three Examples 242

Prosperity and Anxiety 243

The Panic of 1819 243

Putting History in Global Context 244

**CHAPTER SUMMARY 244** 

**DIGGING DEEPER 244** 

#### 11 THE RISE OF DEMOCRACY 1824–1840

>> AN AMERICAN STORY:

"Wanted: Curling Tongs, Cologne, and Silk Stockings..." 245

### Equality, Opportunity, and the New Political Culture of Democracy 247

The Tension between Equality and Opportunity 248
The New Political Culture of Democracy 248
The Election of 1824 248
Social Sources of the New Politics 249
The Acceptance of Parties 249

The Politics of the Common Man 250

Jackson's Rise to Power 250

John Quincy Adams's Presidency 250

President of the People 251

The Political Agenda in the Market Economy 253

#### Democracy and Race 253

Accommodate or Resist? 253

Trail of Tears 254

Removal and Epidemics in the West 254

MAPPING THE PAST Indian Removal 255

Free Blacks in the North 256

MANY HISTORIES African Colonization: Hoping

for the Best and Suspecting the Worst 258

The African American Community 259

Racism Strikes a Deeper Root 259

#### The Nullification Crisis 260

The Growing Crisis in South Carolina 260
Calhoun's Theory of Nullification 260

The Nullifiers Nullified 261

#### The Bank War 261

The National Bank and the Panic of 1819 261
Biddle's Bank 261
The Clash between Jackson and Biddle 262

The Bank Destroyed 262

Jackson's Impact on the Presidency 262

#### HISTORIAN'S TOOLBOX Biddle and Jackson Take

the Gloves Off 263

"Van Ruin's" Depression 264

The Whigs' Triumph 265

#### The Jacksonian Party System 266

Democrats, Whigs, and the Market 266

The Social Bases of the Two Parties 266

#### Putting History in Global Context 267

**CHAPTER SUMMARY 267** 

**DIGGING DEEPER 268** 

### **12** AFIRE WITH FAITH 1820–1850

#### >> AN AMERICAN STORY:

The Beechers and the Kingdom of God 269

#### The Transformation of American Evangelicalism 271

Charles Grandison Finney and Modern Revivalism 272

The Appeal of Evangelicalism 272

MANY HISTORIES Pleas For and Against Foreign

Missions 274

The Significance of the Second Great Awakening 275

#### Revivalism and the Social Order 275

The Temperance Movement 275 Ideals of Women and the Family 276

The Middle-Class Family in Transition 277

Protestants and Catholics 278

HISTORIAN'S TOOLBOX A Bible Society Certificate 279

#### Visionaries 280

The Unitarian Contribution 280

From Unitarianism to Transcendentalism 281

The American Renaissance 281

Secular Utopian Communities 282

Religious Utopian Communities 284

The Mormon Experience 284

#### Radical Reform 285

The Beginnings of the Abolitionist Movement 285

The Spread of Abolitionism 286

Opponents and Divisions 287

The Women's Rights Movement 287

The Schism of 1840 288

#### Reform Shakes the Party System 288

The Turn toward Politics 288

The Maine Law 289

Abolitionism and the Party System 290

#### Putting History in Global Context 290

**CHAPTER SUMMARY 291** 

**DIGGING DEEPER 291** 



#### 13 THE OLD SOUTH 1820-1860

AN AMERICAN STORY:

Where Is the Real South? 292

The Social Structure of the Cotton Kingdom 294

The Boom Country Economy 295

The Rural South 296

Distribution of Slavery 297

Slavery as a Labor System 297

MAPPING THE PAST The Spread of Slavery,

1820-1860 298

Class Structure of the White South 299

The Slaveowners 299

Tidewater and Frontier 299

The Master at Home 300

The Plantation Mistress 301

Yeoman Farmers 302

MANY HISTORIES Mistresses and House

Servants 303

Poor Whites 304

The Peculiar Institution 304

Work and Discipline 305

Slave Maintenance 305

Resistance 305

Slave Culture 307

The Slave Family 307

Slave Songs and Stories 308

Steal Away to Jesus 308

The Slave Community 309

Free Black Southerners 309

Southern Society and the Defense of Slavery 310

The Virginia Debate of 1832 310

The Proslavery Argument 310

HISTORIAN'S TOOLBOX George Washington,

Slaveholder 311

Closing Ranks 311

Putting History in Global Context 312

**CHAPTER SUMMARY 313** 

**DIGGING DEEPER 313** 

#### **14 WESTERN EXPANSION** AND THE RISE OF THE SLAVERY ISSUE 1820-1850

AN AMERICAN STORY: Strangers on the Great Plains 314 Manifest (and Not so Manifest) Destiny 316

The Roots of the Doctrine 316

The Mexican Borderlands 318

The Texas Revolution 319

The Texas Republic 319

MAPPING THE PAST The Mexican Borderlands 320

The Trek West 321

The Overland Trail 322

Women on the Overland Trail 322

Indians and the Trail Experience 322

The Political Origins of Expansion 322

Tyler's Texas Ploy 323

Van Overboard 323

To the Pacific 323

Provoking a War 324

Indians and Mexicans 324

Opposition to the War 325

The Price of Victory 325

MANY HISTORIES In What Country Did the

U.S.-Mexican War Begin? 326

The Rise of the Slavery Issue 327

HISTORIAN'S TOOLBOX Settan Annual Calendar

of the Kiowa 328

New Societies in the West 329

Farming in the West 329

The Gold Rush 330

Instant City: San Francisco 331

The Migration from China 331

California Genocide 332

The Mormons in Utah 332

Mexican-American Rights and Property 333

Escape from Crisis 334

A Two-Faced Campaign 334

The Compromise of 1850 335

Away from the Brink 338

Putting History in Global Context 338

**CHAPTER SUMMARY 338** 

DIGGING DEEPER 339

#### **15 THE UNION BROKEN** 1850-1861

AN AMERICAN STORY:

The Sacking of a Town in Kansas 340

Sectional Changes in American Society 342

The Growth of a Railroad Economy 342

Railroads and the Prairie Environment 343

Railroads and the Urban Environment 344

Rising Industrialization 344



Immigration 344

**HISTORIAN'S TOOLBOX** Brandied Cherries

and Buttons 346

Southern Complaints 347

#### The Political Realignment of the 1850s 348

The Kansas-Nebraska Act 348

MAPPING THE PAST The Kansas-Nebraska Act 349

The Collapse of the Second American Party

System 350

The Know-Nothings 350

The Republicans and Bleeding Kansas 351

The Caning of Charles Sumner 351

The Election of 1856 352

#### The Worsening Crisis 353

The Dred Scott Decision 353

The Panic of 1857 354

The Lecompton Constitution 354

The Lincoln-Douglas Debates 354

The Beleaguered South 356

#### The Road to War 356

A Sectional Election 357

Secession 357

The Outbreak of War 358

MANY HISTORIES Slavery and Secession 359

The Roots of a Divided Society 360

#### Putting History in Global Context 361

**CHAPTER SUMMARY 362** 

DIGGING DEEPER 362

#### 16 THE CIVIL WAR AND THE REPUBLIC 1861–1865

#### >> AN AMERICAN STORY:

Rout at Bull Run 363

#### Opening Moves 365

Political Leadership 365

The Border States 367

Blockade and Isolate 367

Grant in the West 368

Eastern Stalemate 369

#### **Emancipation 371**

The Logic of Events 371

The Emancipation Proclamation 372

African Americans' Civil War 372

Black Soldiers 373

#### The Confederate Home Front 373

The New Economy 374

New Opportunities for Southern Women 374

Confederate Finance and Government 374 HISTORIAN'S TOOLBOX Face Value? 375

Hardship and Suffering 376

#### The Union Home Front 376

Government Finances and the Economy 376

A Rich Man's War 376

Women and the Workforce 377

Civil Liberties and Dissent 378

#### Gone to Be a Soldier 379

Soldiering and Suffering 379

Death on the Field and at Home 380

#### The Union's Triumph 383

Confederate High Tide 383

Lincoln Finds His General 383

War in the Balance 385

MANY HISTORIES Invaders and Defenders 386

The Twilight of the Confederacy 387

MAPPING THE PAST The War in the West,

1863-1865 389

#### Putting History in Global Context 390

**CHAPTER SUMMARY 391** 

**DIGGING DEEPER 391** 

#### AFTER THE FACT

What Caused the New York City Draft Riots? 392

### 17 RECONSTRUCTING THE UNION 1865–1877

#### >> AN AMERICAN STORY:

The Secret Sale at Davis Bend 396

#### Presidential Reconstruction 398

Lincoln's 10 Percent Plan 398

The Mood of the South 399

Johnson's Program of Reconstruction 399

The Failure of Johnson's Program 399

Johnson's Break with Congress 400

The Fourteenth Amendment 401

The Elections of 1866 401

MANY HISTORIES Equality and the Vote in

Reconstruction 402

#### Congressional Reconstruction 403

Post-Emancipation Societies in the Americas 403

The Land Issue 403

Impeachment 404

#### Reconstruction in the South 404

Black Officeholding 405



White Republicans in the South 405 The New State Governments 405 Economic Issues and Corruption 406

**Black Aspirations** 406

Experiencing Freedom 406

The Black Family 407

The Schoolhouse and the Church 407

New Working Conditions 407

The Freedmen's Bureau 408

MAPPING THE PAST A Georgia Plantation After

the War 409

Planters and a New Way of Life 410

The Abandonment of Reconstruction 410

The Election of Grant 410

The Grant Administration 412

Growing Northern Disillusionment 412

The Triumph of White Supremacy 413

The Disputed Election of 1876 414

The Failure of Reconstruction 414

HISTORIAN'S TOOLBOX Dressed To Kill 415

Putting History in Global Perspective 416

**CHAPTER SUMMARY 416** 

**DIGGING DEEPER 417** 

#### 18 THE NEW SOUTH AND THE TRANS-MISSISSIPPI WEST 1870–1914

>> AN AMERICAN STORY:

COME WEST 418

The Southern Burden 420

Agriculture in the New South 420

Tenancy and Sharecropping 421

MAPPING THE PAST Tenant Farming, 1900 422

Southern Industry 423

Timber and Steel 423

The Sources of Southern Poverty 424

Life in the New South 425

Rural Life 425

The Church 426

Segregation 426

Western Frontiers 428

Western Landscapes 428

Indian Peoples and the Western Environment 429

Whites and the Western Environment: Competing

Visions 429

The War for the West 431

Contact and Conflict 432

Custer's "Last Stand"—and the Indians' 432 HISTORIAN'S TOOLBOX *Custer's Defeat*,

Indian Style 434

Killing with Kindness 435

Borderlands 436

Ethno-Racial Identity in the New West 436

MANY HISTORIES "Americanizing" the Indian 438

#### Boom and Bust in the West 439

Mining Sets a Pattern 440

The Transcontinental Railroad 441

Cattle Kingdom 442

Home on the Range 442

A Boom-and-Bust Cycle 443

#### The Final Frontier 443

A Rush for Land 444

Farming on the Plains 444

A Plains Existence 444

The Urban Frontier 445

The West and the World Economy 446

The South and the West in Sum 447

#### Putting History in Global Context 448

**CHAPTER SUMMARY 448** 

**DIGGING DEEPER 449** 

#### AFTER THE FACT

Where Have All the Bison Gone? 450

### 19 THE NEW INDUSTRIAL ORDER 1870–1914

>> AN AMERICAN STORY:

Waiting for Their Brains 454

#### The Development of Industrial Systems 456

Natural Resources and Industrial Technology 456

Systematic Invention 457

Transportation and Communication 458

Finance Capital 459

The Corporation 459

An International Pool of Labor 460

#### Railroads: America's First Big Business 461

A Managerial Revolution 461

MAPPING THE PAST Railroads Tie the Nation

Together 462

Competition and Consolidation 463

The Challenge of Finance 463

#### The Growth of Big Business 463

Strategies of Growth 463

Carnegie Integrates Steel 465



Rockefeller and the Great Standard Oil Trust 466 The Mergers of J. Pierpont Morgan 466 Corporate Defenders 467 Corporate Critics 467

Short- and Long-Term Costs of Doing Business 469

The Workers' World 470

Industrial Work 470

Children, Women, and African Americans at Work 471 HISTORIAN'S TOOLBOX Detecting Industrial

Accidents 472

The American Dream of Success 472

The Systems of Labor 473

Early Unions 474

The Knights of Labor 474

The American Federation of Labor 475

The Limits of Industrial Systems 476

MANY HISTORIES Two Sides of Haymarket 477

Management Strikes Back 478

Putting History in Global Context 479

CHAPTER SUMMARY 479

**DIGGING DEEPER 480** 

#### **20 THE RISE OF AN URBAN** ORDER 1870-1914

AN AMERICAN STORY:

The Dogs of Hell 481

A New Urban Age 483

The Urban Explosion 483

The Great Global Migration 484

Holding the City Together 486

MAPPING THE PAST Riding the Chicago Loop 487

Bridges and Skyscrapers 488

The Urban Environment: Slum and Tenement 488

Running and Reforming the City 490

Boss Rule 490

Rewards, Costs, and Accomplishments 490

HISTORIAN'S TOOLBOX Machine-Age Voting 491

Nativism, Revivals, and the Social Gospel 492

The Social Settlement Movement 493

City Life 493

The Immigrant in the City 493

Urban Middle-Class Life 495

Victorianism and the Pursuit of Virtue 496

MANY HISTORIES City Scenes 497

City Life and the Crisis of "Manliness" 498

Challenges to Convention 499

City Culture 499

Public Education in an Urban Industrial World 499

Higher Learning and the Rise of the Professional 501

Higher Education for Women 502

A Culture of Consumption 502

Leisure 503

City Entertainment at Home and on the Road 504

Putting History in Global Context 505

**CHAPTER SUMMARY 505** 

**DIGGING DEEPER 506** 

#### 21 REALIGNMENT AT **HOME AND EMPIRE** ABROAD 1877-1900

AN AMERICAN STORY:

The World United at Chicago 507

The Politics of Paralysis 509

Political Stalemate 509

The Parties 510

The Issues 510

The White House from Hayes to Harrison 512

Ferment in the States and Cities 512

The Revolt of the Farmers 513

The Harvest of Discontent 514

The Origins of the Farmers' Alliance 514

The Alliance Peaks 514

The Election of 1892 516

The New Realignment 516

MANY HISTORIES What Should the Government

Do? 517

The Depression of 1893 518

The Rumblings of Unrest 518

The Battle of the Standards 518

The Rise of Jim Crow Politics 519

HISTORIAN'S TOOLBOX Pinning the Winning

Ticket 520

The African American Response 521

McKinley in the White House 522

Visions of Empire 522

Imperialism—European versus American Style 523

The Shapers of American Imperialism 523

MAPPING THE PAST Imperialist Expansion,

1900 524

Dreams of a Commercial Empire 525

The Imperial Moment 526

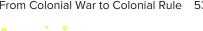
Mounting Tensions 527

The Imperial War 528

War in Cuba 528

Peace and the Debate over Empire 529

From Colonial War to Colonial Rule 530



An Open Door in China 531

Putting History in Global Context 532

**CHAPTER SUMMARY** 533

**DIGGING DEEPER 533** 

#### AFTER THE FACT

En–Gendering the Spanish-American War 534

### 22 THE PROGRESSIVE ERA 1890–1920

>> AN AMERICAN STORY:

Burned Alive in the City 538

The Roots of Progressive Reform 540

The Progressive System of Beliefs 541

The Pragmatic Approach 541

The Progressive Method 541

The Search for the Good Society 542

Poverty in a New Light 542

Expanding the "Woman's Sphere" 543

Social Welfare 544

Women's Suffrage 544

MAPPING THE PAST Woman Suffrage, 1915 545

Controlling the Masses 547

Stemming the Immigrant Tide 547

The Curse of Demon Rum 548

Prostitution 548

HISTORIAN'S TOOLBOX Mementos of Murder 549

"For Whites Only" 549

The Politics of Municipal and State Reform 550

The Reformation of the Cities 551

Progressivism in the States 552

Progressivism Goes to Washington 553

TR 553

A Square Deal 553

Bad Food and Pristine Wilds 555

The Troubled Taft 556

MANY HISTORIES Preservation versus

Conservation 558

The Election of 1912 559

Woodrow Wilson and the Politics of Morality 560

Early Career 560

The Reforms of the New Freedom 560

Labor and Social Reform 561

Putting History in a Global Context 562

**CHAPTER SUMMARY 563** 

**DIGGING DEEPER 563** 

# 23 THE UNITED STATES AND THE COLLAPSE OF THE OLD WORLD ORDER 1901–1920

>> AN AMERICAN STORY:

"A Path between the Seas" 564

Progressive Diplomacy 566

Big Stick in the Caribbean 566

A "Diplomatist of the Highest Rank" 567

Dollar Diplomacy 567

Woodrow Wilson and Moral Diplomacy 568

Missionary Diplomacy 568

Intervention in Mexico 568

The Road to War 570

The Guns of August 570

Neutral but Not Impartial 572

The Diplomacy of Neutrality 573

Peace, Preparedness, and the Election of 1916 573

Wilson's Final Peace Offensive 574

War and Society 575

The Slaughter of Stalemat 575

"You're in the Army Now" 575

Mobilizing the Economy 576

HISTORIAN'S TOOLBOX "Over There" 577

War Work 578

Great Migrations 579

Propaganda and Civil Liberties 580

Over There 580

MANY HISTORIES The Limits of Free Speech 581

The Influenza Pandemic of 1918–1919 582

MAPPING THE PAST The Flu Pandemic of

1918-1919 583

The Lost Peace 584

The Treaty of Versailles 584

The Battle for the Treaty 587

Red Scare 588

Putting History in Global Context 589

**CHAPTER SUMMARY 589** 

DIGGING DEEPER 590

#### 24 THE NEW ERA 1920-1929

>> AN AMERICAN STORY:

Yesterday Meets Today in the New Era 591

The Roaring Economy 593



Technology and Consumer Spending 593
The Booming Construction Industry 593
The Automobile 594
The Future of Energy 594
The Business of America 595
Welfare Capitalism 596
HISTORIAN'S TOOLBOX Instant Beauty 597

The Consumer Culture 598

#### A Mass Society 598

A "New Woman" 599

Mass Media 600

The Cult of Celebrity 601

"Ain't We Got Fun?" 601

The Art of Alienation 602

A "New Negro" 602

MANY HISTORIES The Problem of Race 604

#### Defenders of the Faith 605

Nativism and Immigration Restriction 606

MAPPING THE PAST Population Growth and
African American Migration, 1920s 607

The "Noble Experiment" 607

Fundamentalism versus Darwinism 608

KKK 610

#### Republicans Ascendant 611

The Politics of "Normalcy" 611
The Policies of Mellon and Hoover 611
Problems and Some Solutions at Home and Abroad 613
The Election of 1928 614

#### The Great Bull Market 615

The Rampaging Bull 615
The Great Crash 615
The Sickening Slide in Global Perspective 615
The Causes of the Great Depression 617

Putting History in Global Context 618

CHAPTER SUMMARY 618
DIGGING DEEPER 619

#### 25 THE GREAT DEPRESSION AND THE NEW DEAL 1929–1939

>> AN AMERICAN STORY: Letters from the Edge 620

The Human Impact of the Great Depression 622

Hard Times 622

The Golden Age of Radio and Film 623

#### HISTORIAN'S TOOLBOX Wonder Woman, Women's

Rights, and Birth Control 624
"Dirty Thirties": An Ecological Disaster 625

Mexican Americans and Repatriation 625 African Americans in the Depression 626

#### The Tragedy of Herbert Hoover 627

The Failure of Relief 627
The Hoover Depression Program 627
Stirrings of Discontent 628
The Bonus Army 629
The Election of 1932 629

#### The Early New Deal (1933–1935) 630

The Democratic Roosevelts 630
Saving the Banks 631
Relief for the Unemployed 631
MANY HISTORIES Two Views of the
"Forgotten Man" 632
Planning for Industrial Recovery 633
MAPPING THE PAST Distributing Unemployment
Relief 634
Planning for Agriculture 635

#### A Second New Deal (1935–1936) 636

Dissent from the Deal 636
The Second Hundred Days 637
The Election of 1936 638

#### The New Deal and the American People 639

The New Deal and Western Water 640
The Limited Reach of the New Deal 640
Tribal Rights 642
A New Deal for Women 642
The Rise of Organized Labor 643
"Art for the Millions" 644

#### The End of the New Deal (1937–1940) 645

Packing the Courts 645
The End of the New Deal 646
The Legacy of the New Deal 647

Putting History in Global Context 648

CHAPTER SUMMARY 648
DIGGING DEEPER 649

### 26 AMERICA'S RISE TO GLOBALISM 1927–1945

> AN AMERICAN STORY:

"Oh Boy" 650

The United States in a Troubled World 652
Conflict in China 652



Becoming a Good Neighbor 653 The Quest for Neutrality 653 Neutrality Legislation 654 Inching toward War 655 Hitler's Invasion 655 Steps Short of War 656 Disaster in the Pacific 657

#### A Global War 657

Strategies for War 658 Gloomy Prospects 658 A Grand Alliance 659 The Naval War in the Pacific 659 Turning Points in Europe 659 Mobilizing for a Global War 659 Minorities Go to War 661 Women at War 661 HISTORIAN'S TOOLBOX "Nose Art" and Gender Relations 662

#### Mobilizing the Home Front 663

Increasing Production 663 Science, the War, and the Environment 663 The Return of Prosperity 665 Organized Labor 665 Women Workers 665

#### A Question of Rights 666

Little Italy 667 Concentration Camps 667 MANY HISTORIES "Who Do You Want to Win This War?"—Justifying Internment 668 At War with Jim Crow 669 The New Deal in Retreat 671

#### Ending the War, Winning the Peace 671

The Fall of the Third Reich 671 Two Roads to Tokyo 672 Big Three Diplomacy 673 The Road to Yalta 673 MAPPING THE PAST The Pacific Campaigns of World War II 674 Who Is Harry Truman? 675 The Holocaust 676 A Lasting Peace 676 Atomic Diplomacy 677

#### Putting History in a Global Context 678

**CHAPTER SUMMARY 679 DIGGING DEEPER 679** 

#### AFTER THE FACT

Did the Atomic Bomb Save Lives? 680

#### **27 COLD WAR AMERICA** 1945-1954

#### AN AMERICAN STORY:

Glad to Be Home? 684

#### The Rise of the Cold War 686

American Suspicions 686 Communist Expansion 687 Containment 688 The Truman Doctrine 688 The Marshall Plan 688 The Fall of Eastern Europe 689 MAPPING THE PAST Cold War Europe 690 Creating an Atomic Shield 691 HISTORIAN'S TOOLBOX Duck and Cover 692

#### Postwar Prosperity 693

Energy and the Environment in Postwar America 693 Peacetime Adjustments 694 Truman under Attack 695 A Program for GIs 695 MANY HISTORIES Taft-Hartley: Containing Labor 696 The Election of 1948 697

#### The Cold War at Home 698

The Shocks of 1949 698 The Loyalty Crusade 698 HUAC, Hollywood, and Unions 699 The Ambitious Senator McCarthy 700

#### From Cold War to Hot War and Back 701

Police Action 701 The Chinese Intervene 702 Truman versus MacArthur 703 The Global Implications of the Cold War 703 The Election of 1952 704 The Fall of McCarthy 704 Putting History in Global Context 705

**CHAPTER SUMMARY 705** DIGGING DEEPER 705

#### **28 THE SUBURBAN ERA** 1945-1963

#### AN AMERICAN STORY:

Dynamic Obsolescence (The Wonderful World of Harley Earl) 706

#### The Rise of the Suburbs 708

A Boom in Babies and in Housing 708 Cities and Suburbs Transformed 709 Suburban Blues 711



Suburban Culture 711

American Civil Religion 712

"Homemaking" Women in the Workaday World 712

A Revolution in Sexuality? 713

HISTORIAN'S TOOLBOX Television's "Wasteland" 714

The Flickering Gray Screen 714

The Politics of Calm 715

Eisenhower's Modern Republicanism 715

The Conglomerate World 715

Cracks in the Consensus 717

Critics of Mass Culture 717

The Rebellion of Young America 717

The "Beat" Generation 718

Nationalism in an Age of Superpowers 719

To the Brink? 719

Brinkmanship in Asia 720

The Covert Side of the New Look 721

Rising Nationalism 722

The Shock of Sputnik 722

MANY HISTORIES The Kitchen Debate 723

Thaws and Freezes 724

The Cold War on a New Frontier 724

The Election of 1960 724

The Hard-Nosed Idealists of Camelot 725

The (Somewhat)

New Frontier at Home 726

Kennedy's Cold War 726

Cold War Frustrations 726

MAPPING THE PAST The World of the

Superpowers 727

Confronting Khrushchev 728

The Missiles of October 728

Putting History in Global Context 730

CHAPTER SUMMARY 730

**DIGGING DEEPER 730** 

# 29 CIVIL RIGHTS AND UNCIVIL LIBERTIES 1947–1969

>> AN AMERICAN STORY:

Two Roads to Integration 731

The Civil Rights Movement 733

The Changing South and African Americans 734

The NAACP and Civil Rights 734

The Brown and Plessy Decisions 734

Latino Civil Rights and the Hernández Decision 735

A New Civil Rights Strategy 736

Little Rock and the White Backlash 737

#### A Movement Becomes a Crusade 737

Riding to Freedom 738

Civil Rights at High Tide 739

The Fire Next Time 740

Black Power 741

Violence in the Streets 741

HISTORIAN'S TOOLBOX Power to Which People? 742

MAPPING THE PAST Civil Rights: Patterns of Protest

and Unrest 743

#### Lyndon Johnson and the Great Society 744

The Origins of the Great Society 744

The Election of 1964 745

The Great Society 745

The Reforms of the Warren Court 747

#### The Counterculture 749

Activists on the New Left and Right 749

MANY HISTORIES Student Voices for a

New America 750

Vatican II and American Catholics 751

The Rise of the Counterculture 752

The Rock Revolution 752

The West Coast Scene 753

#### Putting History in Global Context 754

**CHAPTER SUMMARY 754** 

**DIGGING DEEPER 755** 

#### 30 THE VIETNAM ERA 1963-1975

#### >> AN AMERICAN STORY:

Who Is the Enemy? 756

#### The Road to Vietnam 758

Lyndon Johnson's War 758

Rolling Thunder 759

MAPPING THE PAST The War in Vietnam 760

#### Social Consequences of the War 761

The Soldiers' War 761

The War at Home 762

#### THE UNRAVELING 763

Tet Offensive 763

The Shocks of 1968 764

Revolutionary Clashes Worldwide 765

Whose Silent Majority? 765

#### The Nixon Era 766

Vietnamization—and Cambodia 766

Fighting a No-Win War 766

The Move toward Détente 766

#### The New Identity Politics 767

HISTORIAN'S TOOLBOX Farmworkers' Altar 768



Latino Activism 768

The Choices of American Indians 770

Asian Americans 771

Gay Rights 771

Feminism 771

Equal Rights and Abortion 772

MANY HISTORIES Two Views of the Liberation of

Women 773

### Value Politics: The Consumer and Environmental Movements 773

Technology and Unbridled Growth 774

Political Action 775

The Legacy of Identity and Value Politics 775

The End of the War 777

#### Pragmatic Conservatism 777

Nixon's New Federalism 777

Stagflation 778

Social Policies and the Court 778

Triumph and Revenge 778

Break-In 779

To the Oval Office 779

Resignation 780

The Road's End for Vietnam and Liberalism 780

#### Putting History in Global Context 780

**CHAPTER SUMMARY** 780

**DIGGING DEEPER 781** 

#### AFTER THE FACT

The Contested Ground of Collective Memory 782

### 31 THE CONSERVATIVE CHALLENGE 1976–1992

#### >> AN AMERICAN STORY:

Born Again 786

#### The Conservative Rebellion 788

Tax Revolt 788

The Diverse Evangelical World 789

The Catholic Conscience 789

Religion and Politics 789

The Media Battleground 790

### The Presidency in Transition: Gerald Ford and Jimmy Carter 791

Energy and the Middle East 791

MANY HISTORIES The Culture Wars 792

Limits across the Globe 793

MAPPING THE PAST Oil and Conflict in the Middle

East. 1948-1988 794

Jimmy Carter: Restoring the Faith 795

Energy and the Environment 795

The Sagging Economy 796

Foreign Policy: Principled or Pragmatic? 796

The Middle East: Hope and Hostages 796

A President Held Hostage 797

#### Prime Time with Ronald Reagan 798

The Great Communicator 798

The Reagan Agenda 799

Deregulating the Environment 799

A Halfway Revolution 800

The Landscape of Technoburbs 802

Winners and Losers in the Labor Market 802

#### Standing Tall in a Chaotic World 803

The Military Buildup 803

Disaster in the Middle East 804

Frustrations in Central America 805

The Iran-Contra Connection 805

Cover Blown 806

From Cold War to Glasnost 806

#### An End to the Cold War 806

A Post-Cold War Foreign Policy 806

HISTORIAN'S TOOLBOX The Berlin Wall 807

The Gulf War 808

Domestic Doldrums 808

The Conservative Court 809

Disillusionment and Anger 810

The Election of 1992 810

#### Putting History in Global Context 811

**CHAPTER SUMMARY 811** 

DIGGING DEEPER 812

#### 32 THE UNITED STATES IN A GLOBAL COMMUNITY 1980-PRESENT

#### >> AN AMERICAN STORY:

Of Grocery Chains and Migration Chains 813

#### The New Immigration 815

The New Look of America: Asian Americans 815

The New Look of America: Latinos 816

Illegal Immigration 817

Links with the Home Country 818

Religious Diversity 818

#### Clinton and the New Global Order 818

Managing the New World Disorder 819

#### The Clinton Presidency on Trial 819

Recovery without Reform 819

The Conservative Revolution Revived 820



Women's Issues in the Clinton Years 821 Scandal 821 The Cliffhanger Election of 2000 822

#### The United States in a Networked World 823

The Internet Revolution 823

American Workers in a Two-Tiered Economy 823

African Americans and the Persistence of the Racial Divide 824

Global Pressures in a Multicultural America 824
HISTORIAN'S TOOLBOX Mapping the Internet 825
The New Debate 825

#### Terrorism in a Global Age 826

A Conservative Agenda at Home 827
Unilateralism in Foreign Affairs 827
The Roots of Terror 828
The War on Terror: First Phase 829
The War in Iraq 829
MAPPING THE PAST The War on Terror: Afghanistan and Iraq 830
A Messy Aftermath 831
Governing from the Right 831
Disasters Domestic and Foreign 832
Financial Collapse 832

#### A Divided Nation 832

First-Term Reforms 833
Short, Medium, Long 834
Environmental Uncertainties 834

#### Donald Trump's Nationalist Brand 835

MANY HISTORIES Cold War over Global Warming 836
Economic Nationalism 837
Ethnic and Racial Nationalism 838
Repeal, Replace, or Reject 838
Russians and Election Meddling 839

#### **CHAPTER SUMMARY 840**

#### **DIGGING DEEPER 841**

#### **Appendix**

The Declaration of Independence A-1
The Constitution of the United States of America A-3
Presidential Elections A-11
Justices of the Supreme Court A-15
A Social Profile of the American Republic A-17

Glossary G-1 Index I-1



### LIST OF Maps and Charts

Early Peoples of North America 8 Indians of North America, C. 1500 17 Routes of European Exploration 32 Spanish America, ca. 1600 36 European Exploration: Fifteenth and Sixteenth Centuries 37 Spanish Missions in North America, ca. 1675 51 Colonies of the Chesapeake, 1700–1750 55

African Transatlantic Slave Trade, 1450–1760 58

Transatlantic Slave Trade, 1450–1760 59

Carolinas and the Caribbean 62

A French Map 74

Early New England 77

Sudbury, Massachusetts 79

European Territorial Claims 93

Estimated Population by Region, 1720–1760 103

Non-English Settlements in Eighteenth-Century British North America 104

Estimated Population of Colonial Cities, 1720–1770 106

Distribution of The American Population, 1775 108

Eighteenth-Century North America: A Mosaic 109

Overseas Trade Networks 114

The Seven Years' War 119

European Claims in North America, 1750 and 1763 122

The Appalachian Frontier 124

Patterns of Allegiance 147

The Fighting in the North, 1775–1777 149

The Smallpox Pandemic, 1775–1782 153

The Fighting in the South, 1780–1781 156

Western Land Claims, 1782-1802 167

The Ordinance of 1785 169

Ratification of the Constitution 180

Semisubsistence and Commercial America, 1790 192

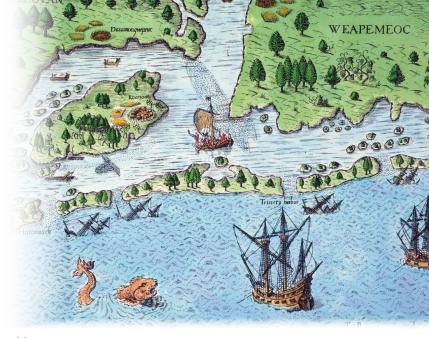
Hamilton's Financial System 195

Election of 1800 200

Exploration and Expansion: The Louisiana Purchase 207

The Indian Response to White Encroachment 209

The United States and the Barbary States, 1801–1815 211



©Granger

The War of 1812 212

The Missouri Compromise and the Union's Boundaries in 1820 215

The Transportation Network of a Market Economy, 1840 226

Travel Times, 1800 and 1830 227

Development of the Lowell Mills 234

Election of 1824 248

Indian Removal 255

The Spread of White Manhood Suffrage 257

Election of 1840 265

Annual Consumption of Distilled Spirits, per Capita, 1710-1920 276

Cotton and Other Crops of the South 295

The Spread of Slavery, 1820-1860 298

Southern Population, 1860 300

A Plantation Layout, Hopeton, Georgia 301

Sioux Expansion and the Horse and Gun Frontiers 317

The Mexican Borderlands 320

The Overland Trail 321

Election of 1844 324

The U.S.-Mexican War, 1846-1848 329

Territorial Growth and the Compromise of 1850 337

Proportion of Western Exports Shipped via New Orleans, 1835-1860 343

Railroads, 1850 and 1860, with Track Gauges 345

Prices of Cotton and Slaves 348

The Kansas-Nebraska Act 349

Election of 1860 357

The Pattern of Secession 360

Resources of the Union and Confederacy, 1861 366

The War in the West, 1861–1862 369
The War in the East, 1861–1862 371
A New Magnitude of Battle 382

The War in the East, 1863–1865 384
The War in the West, 1863–1865 389

The Southern States During Reconstruction 404

A Georgia Plantation after the War 409

Election of 1876 416
Tenant Farming, 1900 422

Spending on Education in the South before and

after Disenfranchisement 428

Natural Environment of the West 430

The Indian Frontier 433

The Mining and Cattle Frontiers 441 Steel Production, 1880 and 1914 457

Occupational Distribution, 1880 and 1920 461

Railroads Tie the Nation Together 462

Boom-and-Bust Business Cycle, 1865–1900 469

The Growth of Cities (1900) 484

Immigration and Population, 1860-1920 485

Riding the Chicago Loop 487 The Voting Public, 1860–1912 510

Election of 1896 522

Imperialist Expansion, 1900 524

Balance of U.S. Imports and Exports, 1870-1910 526

The Spanish-American War 529
The United States in the Pacific 530

Woman Suffrage, 1915 545 Women's Suffrage 546 Election of 1912 559

Panama Canal—Old and New Transoceanic Routes 565
American Interventions in the Caribbean, 1898–1930 569

The Course of War in Europe, 1914–1917 572

Election of 1916 574

The Final German Offensive and Allied

Counterattack, 1918 582

The Flu Pandemic of 1918–1919 583

Europe and the Middle East after World War I  $\,\,$  585

Population Growth and African American

Migration, 1920s 607 The Great Flood of 1927 613

Election of 1928 614

Declining World Trade, 1929–1933 617

Art Deco Radio, 1930 625 Election of 1932 630

Distributing Unemployment Relief 634
The Tennessee Valley Authority 635
Unemployment, 1925–1945 639

Federal Budget and Surplus/Deficit, 1920–1940 646

The U-Boat War 658

World War II in Europe and North Africa 660
The Impact of World War II on Government

Spending 664 D-Day, 1944 672

The Pacific Campaigns of World War II 674

Cold War Europe 690 Election of 1948 697 The Korean War 702

The United States Birthrate, 1900-1989 709

Average Annual Regional Migration, 1947–1960 710

Asian Trouble Spots in Cold War Era 720

Election of 1960 725

The World of the Superpowers 727

Civil Rights: Patterns of Protest and Unrest 743
Growth of Government, 1955–1990 745

The War in Vietnam 760

Number of U.S. Troops (Thousands) in Vietnam 763

Election of 1968 765

Oil and Conflict in the Middle East, 1948–1988 794

Election of 1980 798

Poverty in America, 1970-1993 800

Central American Conflicts, 1974–1990 804 War with Iraq: Operation Desert Storm 808

Election of 1992 811

Projected Population Shifts, 1980–2050 816

Election of 2000 822

The War on Terror: Afghanistan and Iraq 830

Election of 2016 835

#### How Do You Experience History?

The answer to that question requires an active verb. Doing history is not simply a matter of reading a narrative or memorizing a set of facts. That's because history is not merely "the past"; it's a reconstruction assembled from the past's raw materials. The history you make depends on how actively you've engaged with those materials.



By nature, textbook programs strive to be comprehensive, smooth, and seamless. The narrative speaks with a single authoritative voice. But history doesn't consist of one voice; it has multiple voices, like our diverse nation. Historians must take into account the dialogues, disagreements, and diverse actors that all have been a part of American history.

In this text, we hope to show you those multiple voices. With our After the Fact essays, we reveal how historians grapple with the large themes that help make sense of the past. With our Historian's Toolbox feature, we explore how historians cross-examine all sorts of evidence, from diaries and newspapers to political cartoons and sheet music; from furniture and clothing to photographs and films. In short, this program is designed to let you experience history the way historians do.

Our narrative is further enriched by a comprehensive set of learning activities found in Connect History. By harnessing the power of Connect, your students will get the help they need, when and how they need it, so that your class time can be more rewarding for your students and you.

#### PRIMARY SOURCES HELP STUDENTS THINK CRITICALLY ABOUT HISTORY

Primary sources help students think critically about history and expose them to contrasting perspectives of key events. The Ninth Edition of Experience History provides three different ways to use primary source documents in your course.

#### >> POWER OF PROCESS FOR **PRIMARY SOURCES.** Power of Process

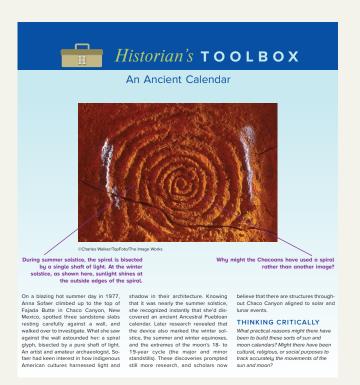
is a critical thinking tool for reading and writing about primary sources. As part of Connect History, McGraw-Hill Education's learning platform Power of Process contains a database of over 400 searchable primary sources in addition to the capability for instructors to upload their own sources. Instructors can then select a series of strategies for students to use to analyze and comment on a source. The Power of Process framework helps students develop essential academic skills such as understanding, analyzing, and synthesizing readings and visuals such as maps, leading students toward higher-order thinking and writing.

# Power of Process for Primary Sources



Features that offer contrasting perspectives or showcase historical artifacts. Within the print or eBook, the Ninth Edition of Experience History offers the following features:

>> MANY HISTORIES. Two primary source documents offer contrasting perspectives on key events for analysis and discussion. Introductions and Thinking Critically questions frame the documents. For example, how did Spaniards and Aztecs differ in their account of first contact? Or, what were the arguments used to justify the internment of Japanese Americans during WWII, and how did they compare to the experiences of those imprisoned?



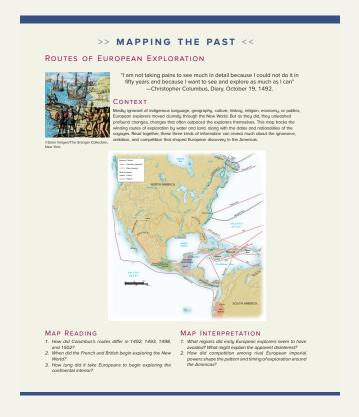


>> HISTORIAN'S TOOLBOX. In each chapter, these feature boxes showcase historical images and artifacts, asking students to focus on visual evidence and examine material culture. Introductions and Thinking Critically questions frame the images.

- >> CREATE. Select primary source documents that meet the unique needs of your course. No two history courses are the same. Using McGraw-Hill Education's Create allows you to quickly and easily create custom course materials with crossdisciplinary content and other third-party sources.
- CHOOSE YOUR OWN CONTENT: Create a book that contains only the chapters you want, in the order you want. Create will even renumber the pages for you!
- ADD READINGS: Use our American History Collections to include primary sources, or Taking Sides: Annual Editions. Add your own original content, such as syllabus or History major requirements!
- CHOOSE YOUR FORMAT: Print or eBook? Softcover, spiral-bound, or loose-leaf? Black-and-white or color? Perforated, three-hole punched, or regular paper?
- CUSTOMIZE YOUR COVER: Pick your own cover image and include your name and course information right on the cover. Students will know they're purchasing the right book-and using everything they purchase!
- REVIEW YOUR CREATION: When you are all done, you'll receive a free PDF review copy in just minutes! To get started, go to create.mheducation.com and register today.

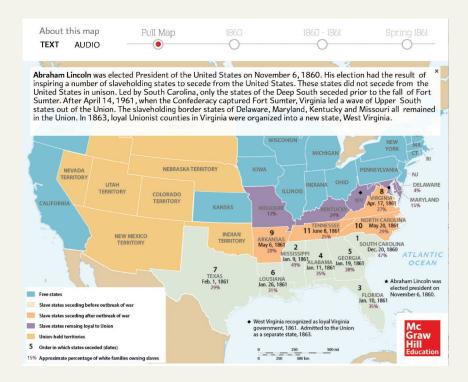
#### MAP TOOLS TO PROMOTE STUDENT LEARNING

>> MAPPING THE PAST. This feature provides students with a map's historical context along with questions designed to develop map-reading skills as well as to launch an interpretive analysis of the map.



Using Connect History and more than 100 maps, students can learn the course material more deeply and study more effectively than ever before.

>> INTERACTIVE MAPS. Interactive maps give students a hands-on understanding of geography. Experience History offers over 30 interactive maps that support geographical as well as historical thinking. These maps appear in both the eBook and Connect History exercises. For some interactive maps, students click on the boxes in the map legend to see changing boundaries, visualize migration routes, or analyze war battles and election results. With others, students manipulate a slider to help them better understand change over time. New interactive maps feature advanced navigation features, including zoom, as well as audio and textual animation.



A complete list of maps can be found in a separate section of the frontmatter.

### SMARTBOOK 2.0 TAILORS CONTENT TO THE INDIVIDUAL STUDENT



Available within Connect History, SmartBook has been updated with improved learning objectives to ensure that students gain foundational knowledge while also learning to make connections to help them formulate a broader understanding of historical events. SmartBook 2.0 personalizes learning to individual student needs, continually adapting to pinpoint knowledge gaps and focus learning on topics that need the most attention. Study time is more productive and, as a result, students are better prepared for class and coursework. For instructors, SmartBook 2.0 tracks student progress and provides insights that can help guide teaching strategies.

#### **CONTEXTUALIZE HISTORY**

Help students experience history in a whole new way with our new **Podcast Assignments**. We've gathered some of the most interesting and popular history podcasts currently available and built assignable questions around them. These assignments allow instructors to bring greater context and nuance to their courses while engaging students through the storytelling power of podcasts.



#### NEW CONTENT IN EXPERIENCE HISTORY, 9E

- >> A THEMATIC TIMELINE at the beginning of each chapter is a new feature that previews key events and the themes connecting them.
- >> NEW MAP EXERCISES, "Mapping the Past," in most chapters provide students with a map's historical context and then take them through a series of questions designed to develop map-reading skills as well as to launch an interpretive analysis of the map.
- >> CHAPTER BIBLIOGRAPHIES have been updated to reflect new scholarship.
- >> CHAPTERS have been revised to reflect new trends in scholarship. For example, CHAPTER 7, THE AMERICAN PEOPLE AND THE AMERICAN REVOLUTION, includes a new section about the varied roles of women in the Revolutionary War, and the discussion of the contribution of the French in the war has been expanded.
- >> CHAPTER 9, THE EARLY REPUBLIC, looks beyond America's shores to consider the significance of Caribbean slave rebellions to the early republic and the connection between the Haitian Revolution and the Louisiana Purchase.
- >> CHAPTER 12, AFIRE WITH FAITH, includes expanded coverage of abolitionism reflecting the pivotal role played by free blacks in the North, like David Walker, in radicalizing the antislavery movement after 1830. The influence of British abolitionism is also discussed.
- >> CHAPTER 13, THE OLD SOUTH, has added material on the Upper South and the domestic slave trade, reflecting new scholarship.
- >> CHAPTER 18, THE NEW SOUTH AND THE TRANS-MISSISSIPPI WEST, features a new Historian's Toolbox, "Custer's Defeat, Indian Style," that analyzes the colored pencil-and-ink drawings of the battle by Red Horse, a Lakota Sioux Indian. The chapter has also added material clarifying the Dawes Severalty Act of 1887.

- >> CHAPTER 19, THE NEW INDUSTRIAL ORDER, includes expanded coverage of the environmental costs of industrialization as well as additional material on the Homestead Steel Strike of 1892.
- >> CHAPTER 20, THE RISE OF AN URBAN ORDER, adds new material on the gender transition from prim "young ladies" to more liberated "school girls," in the section on "Public Education in an Urban Industrial World."
- >> CHAPTER 25, THE GREAT DEPRESSION AND THE NEW DEAL, provides a new Historian's Toolbox, "Wonder Woman, Women's Rights, and Birth Control," exploring the connections between Margaret Sanger and Wonder Woman's creator.
- >> CHAPTER 30, THE VIETNAM ERA, expands coverage of the adverse environmental effects of the American escalation in Vietnam, changing riverine ecologies and cultural traditions.
- >> CHAPTER 31, THE CONSERVATIVE CHALLENGE, features a new chapter introduction, "Born Again," profiling the rise of Jerry Falwell and his campaign to move evangelicals away from political quietism to support for Ronald Reagan.
- >> CHAPTER 32, THE UNITED STATES IN A GLOBAL COMMUNITY, adds a new document to the chapter's Many Histories feature, "Our Changing Climate," from *The National Climate Assessment*, issued by the U.S. Global Change Research Program. This chapter also includes a new section, "A Divided Nation," on the election of 2016 and Donald Trump's economic, ethnic, and racial nationalism, put forward during his first years in office. There is discussion of the Paris Agreement on global warming; the attack on Obamacare; the passage of a new tax cut; and the controversy over Russian meddling in the election, Trump's firing of James Comey, and the appointment of Robert Mueller.

#### LIST OF

## Author-Selected Primary Source Documents in Power of Process

Power of Process for Primary Sources is a critical thinking tool for reading and writing about primary sources. As part of Connect History, McGraw-Hill Education's learning platform, Power of Process contains a database of over 400 searchable primary sources in addition to the capability for instructors to upload their own sources. Instructors can then select a series of strategies for students to use to analyze and comment on a source. The Power of Process framework helps students develop essential academic skills such as understanding, analyzing, and synthesizing readings and visuals such as maps, leading students toward higher-order thinking and writing.

The following primary source documents, carefully selected by the authors to coordinate with this chapter, are available in the Power of Process assignment type within Connect History at http://connect .mheducation.com.

#### Chapter 1

- 1. Thoughts on Creation, from Native Peoples of New Netherlands
- 2. A Traveler from Virginia Viewing Indian Ruins in the Ohio Valley

#### Chapter 2

- 3. Excerpt from a Short Account of the Destruction of the Indies by Bartolomé de las Casas, 1542
- 4. A Spanish Conquistador Visits the Aztec Marketplace in Tenochtitlán

#### Chapter 3

- **5.** A Virginia Settler Describes the Indian War of 1622 in England
- **6.** An Act for the Apprehension and Suppression of Runaways, Negroes, and Slaves, Virginia, September 1672

#### Chapter 4

- 7. Mary Rowlandson's Narrative of Being Taken Captive by the
- 8. A Puritan Wrestles with Her Faith

#### Chapter 5

- **9.** George Whitefield Sermonizes on "The Eternity of Hell-Torments"
- 10. Franklin Attends Whitefield's Sermon

#### Chapter 6

- 11. Thomas Hutchinson Recounts the Destruction of His Home during the Stamp Act Riots
- 12. Thomas Paine Attacks Monarchy

#### Chapter 7

- 13. Abigail Adams Reports on the Fighting around Boston
- 14. A North Carolina Soldier Witnesses the Partisan War in the Southern Backcountry

#### Chapter 8

- **15**. The Confederation Congress Passes the Northwest Ordinance
- 16. "An Aged Matron of Connecticut" Urges Women's Education

#### Chapter 9

- 17. George Washington Takes His Farewell
- 18. Tecumseh Responds to William Henry Harrison

#### Chapter 10

- 19. Moving On by Basil Hall
- 20. Lowell's Female Factory Workers Voicing Their **Protests**

#### Chapter 11

- 21. Margaret Bayard Smith on Andrew Jackson's Inauguration in 1828
- 22. Chief Justice Marshall Delivers the Supreme Court's Opinion in The Cherokee Nation v. Georgia

#### Chapter 12

- 23. Lyman Beecher Warns Against Roman Catholicism
- 24. Women Issue a "Declaration of Sentiments" from Seneca Falls

#### Chapter 13

- **25.** A Southern Master Describes Disciplining His Slaves and Their Resistance
- **26.** Nat Turner Explains His Motives

#### Chapter 14

- 27. The United States Promises to Save Mexico from Indian Raiders
- Disappointment in the Gold Diggings

#### Chapter 15

- 29. The Know-Nothing Case for Repeal of Naturalization Laws
- 30. Charles Eliot Norton: I Have Seen Nothing Like the Intensity of Feeling

#### Chapter 16

- 31. A Union Doctor's Diary, Jan-May, 1863
- 32. A Georgia Plantation Mistress in Sherman's Path

#### Chapter 17

- 33. An Anguished Ex-Slave Writes the Wife He'd Thought Long Dead
- 34. The Mississippi Plan in Action

#### Chapter 18

- 35. Chief Joseph Speaks
- **36.** Frederick Jackson Turner's **New Frontier**
- 37. Henry Grady's "New South"

#### Chapter 19

- 38. The Sherman Anti-Trust Act
- "The Story of a Sweat Shop Girl"

#### Chapter 20

- 40. George Washington Plunkitt Defends "Honest Graft"
- 41. The Chinese Exclusion Act

#### Chapter 21

- 42. Booker T. Washington's "Atlanta Compromise"
- 43. George Hoar's Case Against Imperialism

#### Chapter 22

- 44. Alice Paul Suffers for Suffrage
- **45.** John Muir's First Summer in the Sierras

#### Chapter 23

- 46. Theodore Roosevelt's Corollary to the Monroe Doctrine
- 47. Woodrow Wilson's 14 Points Speech

#### Chapter 24

- "The Negro Artist and the Racial Mountain" by Langston Hughes
- 49. Calvin Coolidge on the Business of America
- 50. Mexican corrido, "El Enganchado" ("The Hooked One")

#### Chapter 25

51. Franklin Roosevelt's First Inaugural Address

#### Chapter 26

- 52. Einstein Letter to Franklin D. Roosevelt
- 53. Franklin D. Roosevelt's Four Freedom's Speech
- **54.** D-Day Survivors

#### Chapter 27

- **55.** Truman Doctrine Speech (excerpt)
- 56. Speech of Joseph McCarthy, Wheeling, West Virginia, February 9, 1950
- **57.** J. Edgar Hoover, Excerpt from Speech before the House Committee on Un-American Activities

#### Chapter 28

- John F. Kennedy's Inaugural Address
- 59. 1963 Nuclear Test Ban Treaty
- 60. Excerpt from Dwight D. Eisenhower's "Military Industrial Complex" Speech

#### Chapter 29

- 61. The Port Huron Statement of the Students for a Democratic Society
- **62.** Brown v. Board of Education of Topeka
- Opinion on Immigration and Nationality Act of 1965—Sam Ervin
- Opinion on Immigration and Nationality Act of 1965—Ted Kennedy

#### Chapter 30

- **65.** John F. Kennedy: American Opinion on the War 1963
- 66. Gulf of Tonkin Resolution
- 67. Richard Nixon's Silent Majority Speech

#### Chapter 31

- 68. Excerpt from Plan B Committee on the Present Danger (CPD)
- Ronald Reagan and the Evil Empire Speech
- 70. George H. W. Bush's Address to Congress on the Gulf War

#### Chapter 32

- 71. Barack Obama Keynote Address to the Democratic National Convention, July 2004
- 72. George W. Bush on Kyoto Protocol on Climate Change

### Acknowledgments

We would like to express our deep appreciation to the following individuals who contributed to the development of our U.S. history programs:

Melissa Anyiwo, Curry College

Jeremiah Bauer,

Metropolitan Community College

Mark Ehlers,

United States Military Academy

Robert Galler, St. Cloud University Joshua Hammack, Santiago Canyon College

Lisa Johnson,

Paris Junior College

Richard D. Kitchen,

New Mexico Military Insititute

Mary Lyons-Carmona, Metro Community College Walton P. Sellers III,

Louisiana State University, Eunice

Daniel Spegel,

Metropolitan Community College

Joanne Sundell, Erie Community College

Melissa Weinbrenner,

Northeast Texas Community College

### About the Authors

#### JAMES WEST DAVIDSON

RECEIVED HIS PH.D. FROM YALE UNIVERSITY. A historian who has pursued a full-time writing career, his works include After the Fact: The Art of Historical Detection (with Mark H. Lytle), The Logic of Millennial Thought: Eighteenth-Century New England, and Great Heart: The History of a Labrador Adventure (with John Rugge). He is co-editor with Michael Stoff of the Oxford New Narratives in American History, which includes his study 'They Say': Ida B. Wells and the Reconstruction of Race. Most recently he wrote A Little History of the United States.

#### BRIAN DELAY

RECEIVED HIS PH.D. FROM HARVARD and is an Associate Professor of History at the University of California, Berkeley. He is a frequent guest speaker at teacher workshops across the country and has won several prizes for his book War of a Thousand Deserts: Indian Raids and the U.S.-Mexican War. His current book project, Shoot the State, explores the connection between guns, freedom, and domination around the Western Hemisphere, from the American Revolution through World War II.

#### CHRISTINE LEIGH HEYRMAN

IS THE ROBERT W. AND SHIRLEY P. GRIMBLE Professor of American History at the University of Delaware. She received her Ph.D. in American Studies from Yale University. The author of Commerce and Culture: The Maritime Communities of Colonial Massachusetts, 1690-1750, she received the Bancroft Prize for her second book, Southern Cross: The Beginnings of the Bible Belt, and the Parkman Prize for her third, American Apostles: When Evangelicals Entered the World of Islam. Her latest book,

forthcoming, is Doomed Romance: A Story of Broken Hearts, Lost Souls and Sexual Politics in Nineteenth-Century America.

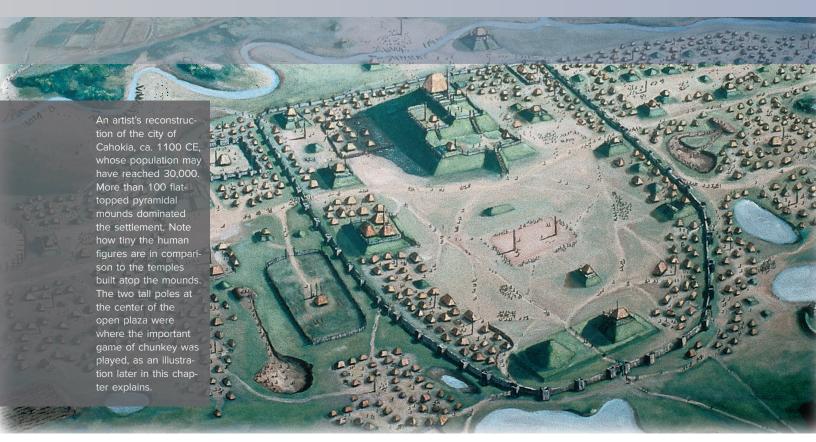
#### MARK H. LYTLE

A Ph.D. FROM YALE UNIVERSITY, is the Lyford Paterson and Mary Gray Edwards Professor of History Emeritus at Bard College. He served two years as Mary Ball Washington Professor of American History at University College Dublin, in Ireland. His publications include The Origins of the Iranian-American Alliance, 1941-1953, After the Fact: The Art of Historical Detection (with James West Davidson), America's Uncivil Wars: The Sixties Era from Elvis to the Fall of Richard Nixon, and most recently, The Gentle Subversive: Rachel Carson, Silent Spring, and the Rise of the Environmental Movement. His forthcoming book, The All-Consuming Nation, considers the tension between the post-World War II consumer democracy and its environmental costs.

#### MICHAEL B. STOFF

IS ASSOCIATE PROFESSOR OF HISTORY and University Distinguished Teaching Associate Professor at the University of Texas at Austin. The recipient of a Ph.D. from Yale University, he has been honored many times for his teaching, most recently with the University of Texas systemwide Regents Outstanding Teaching Award. In 2008, he was named an Organization of American Historians Distinguished Lecturer. He is the author of Oil, War, and American Security: The Search for a National Policy on Foreign Oil, 1941-1947, co-editor (with Jonathan Fanton and R. Hal Williams) of *The Manhattan Project: A Documentary* Introduction to the Atomic Age, and series co-editor (with James West Davidson) of the Oxford New Narratives in American History. He is currently working on a narrative of the bombing of Nagasaki.

# The First Civilizations of North America



Courtesy of Cahokia Mounds State Historic Site, Collinsville, Illinois. Painting by William R. Iseminger

#### >> An American Story

#### THE POWER OF A HIDDEN PAST

Stories told about the past have power over both the present and the future. Until recently, most students were taught that American history began several centuries ago—with the "discovery" of America by Columbus, or with the English colonization of Jamestown and Plymouth. History books ignored or trivialized the continent's precontact history. But the reminders of that hidden past are everywhere. Scattered across the United States are thousands of ancient archaeological sites and hundreds of examples of monumental architecture, still imposing even after centuries of erosion, looting, and destruction.

Man-made earthen mounds, some nearly 5,000 years old, exist throughout eastern North America in a bewildering variety of shapes and sizes. Many are easily mistaken for modest





©Werner Forman/Universal Images Group/Getty Images

The skilled craftspeople of the Hopewell tradition worked most often with copper but made exquisite objects from a variety of materials. This image of a human hand, discovered in a Hopewell mound, was cut from a single sheet of mica.

hills, but others evoke wonder. In present-day Louisiana an ancient town with earthworks took laborers an estimated 5 million work hours to construct. In Ohio a massive serpent effigy snakes for a quartermile across the countryside, its head aligned to the summer solstice. In Illinois a vast, earthen structure covers 16 acres at its base and once reached as high as a 10-story building.

Observers in the colonial and revolutionary eras looked on such sites as curiosities and marvels. George Washington, Thomas Jefferson, and other prominent Americans collected ancient artifacts, took a keen interest in the excavation of mounds, and speculated

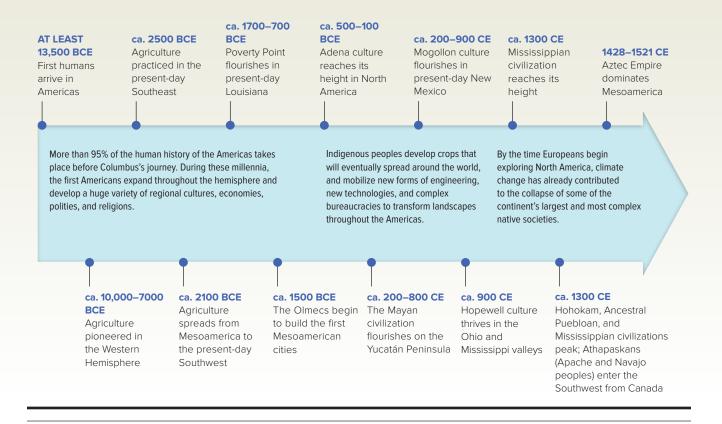
about the Indian civilizations that created them. Travelers explored these strange mounds, trying to imagine in their mind's eye the

peoples who had built them. In 1795 the Reverend James Smith traced the boundaries of a mound wall that was strategically placed to protect a neck of land along a looping river bend in the Ohio valley. "The wall at present is so mouldered down that a man could easily ride over it. It is however about 10 feet, as near as I can judge, in perpendicular height. . . . In one place I observe a breach in the wall about 60 feet wide, where I suppose the gate formerly stood through which the people passed in and out of this stronghold." Smith was astonished by the size of the project. "Compared with this," he exclaimed, "what feeble and insignificant works are those of Fort Hamilton or Fort Washington! They are no more in comparison to it than a rail fence is to a brick wall."

But in the 1830s and 1840s, as Americans sought to drive Indians west of the Mississippi and then confine them on smaller and smaller reservations, many observers began thinking differently about the continent's ancient sites. Surely the simple and "savage" people just then being expelled from American life could not have constructed such inspiring monuments. Politicians, writers, and even some influential scientists instead attributed the mounds to peoples of Europe, Africa, or Asia—Hindus, perhaps, or Israelites, Egyptians, or Japanese. Many nineteenth-century Americans found special comfort in a tale about King Madoc from Wales who, supposedly shipwrecked in the Americas in the twelfth century, had left behind a small but ingenious population of Welsh pioneers who built the mysterious mounds before being overrun by Indians. Some observers even thought Indian skin boats resembled Welsh coracles, designs brought over by King Madoc. The Welsh hypothesis seemed to offer poetic justice, because it implied that nineteenth-century Indians were only receiving a fitting punishment for what their ancestors had done to the remarkable mound builders from Wales.

These fanciful tales were discredited in the late nineteenth and twentieth centuries. In recent decades archaeologists working across the Americas have discovered in more detail how native peoples built the hemisphere's ancient architecture. They have also helped to make clear the degree to which prejudice and politics have blinded European Americans to the complexity, wonder, and significance of America's history before 1492. At least 15,000 years of human habitation in North America allowed a broad range of cultures to develop, based on agriculture as well as hunting and gathering. In North America a population in the millions spoke hundreds of languages. Cities evolved as well as towns and farms, exhibiting great diversity in their cultural, political, economic, and religious organization. <<

#### THEMATIC TIMELINE



#### A CONTINENT OF CULTURES

IMMIGRANTS FROM ASIA ARCHAEOLOGICAL AND GENETIC EVIDENCE indicate that the first inhabitants of the Americas arrived from Siberia at least 15,500 years ago BP.\* New evidence suggests that the first arrivals could even have come tens of thousands of years earlier than that. (For more details, see the After the Fact essay "Tracking the First Americans," at the end of the chapter). Gradually these **nomads** filtered southward, some likely following the Pacific coastline in small boats, others making their way down a narrow, glacier-free corridor along the eastern base of the Rocky Mountains and onto the northern Great Plains. There they found and hunted a stunning array of huge mammals, socalled megafauna. These animals included mammoths that were twice as heavy as elephants, giant bison, sloths that were taller than giraffes, several kinds of camels, and terrifying, 8-foot-long lions. Within a few thousand years the descendants of these Siberians, people whom Columbus would

wishfully dub "Indians," had spread throughout the length and breadth of the Americas.

This first colonization of the Americas coincided with, and perhaps accelerated, profound changes in the natural world. The last Ice Age literally melted away as warmer global temperatures freed the great reservoirs of water once locked in glaciers. A rise in sea levels inundated the Bering Strait, submerging the land bridge, and creating new lakes and river systems. The emergence of new ecosystems-climates, waterways, and land environments in which humans interacted with other animals and plants-made for ever-greater diversity. The first human inhabitants of the Americas had fed, clothed, warmed, and armed themselves in part by hunting megafauna, and some combination of overhunting and climate change resulted in the extinction of most of these giants by the end of the Ice Age. As glaciers receded and human populations increased, the first Americans had to adapt to changing conditions. They adjusted by hunting smaller animals with new, more specialized kinds of stone tools and by learning to exploit particular places more efficiently.

<sup>\*</sup>Before the Present, used most commonly by archaeologists when the time spans are in multiple thousands of years. This text will also use CE for Common Era, equivalent to the Christian Era or AD; BCE is Before the Common Era, equivalent to BC.

DIVERSIFIED SOCIETIES So it was that between 10,000 and 2,500 years ago distinctive regional cultures developed among the peoples of the Americas. Those who remained in the Great Plains turned to hunting the much smaller descendants of the now-extinct giant bison; those in the deserts of the Great Basin survived on small game, seeds, and edible plants; those in the Pacific Northwest relied mainly on fishing; and those east of the Mississippi, besides fishing and gathering, tracked deer and bear and trapped smaller game animals and birds. Over these same centuries, what seems to have been one original, common language evolved into regional dialects and eventually into a multitude of distinct languages. Linguistic diversity paralleled other sorts of divergences, in social organizations, kinship practices, politics, and religion. Technological and cultural unity gave way to striking regional diversity as the first Americans learned how to best exploit their particular environments. Glimpses of these profound changes may be found today in burials, stone tools, and some precious sites of long-term or repeated occupation.

#### **Civilizations of Ancient Mexico**

AGRICULTURAL REVOLUTION To the south, pioneers in Mesoamerica began domesticating squash 10,000 years ago. Over the next several thousand years farmers added other crops including beans, tomatoes, and especially corn to an agricultural revolution that would transform life through much of the Americas. Because many crops could be dried and stored, agriculture allowed these first farmers to settle in one place.

By about 1500 BCE, farming villages began giving way to larger societies, to richer and more complex cultures. As the abundant food supply steadily expanded their populations, people began specializing in certain kinds of work. While most continued to labor on the land, others became craftworkers and merchants, architects and artists, warriors and priests. Their built environment reflected this

social change as humble villages expanded into skillfully planned urban sites that were centers of trade, government, artistic display, and religious ceremony.

Olmecs, the first city-builders in the Americas, constructed large plazas and pyramidal buildings, and sculpted enormous heads chiseled from basalt. The Olmec cultural influence gradually spread throughout Mesoamerica, perhaps as a result of their trade with neighboring peoples. By about 100 BCE, the Olmecs'

example had inspired the flowering

**OLMEC CITY-BUILDERS** The

in central Mexico into a metropolis of towering pyramids. The city had bustling marketplaces, palaces decorated with mural paintings that housed an elite of warriors and priests, schools for their children, and sprawling suburbs for commoners. At its height, around 650 CE, Teotihuacán spanned 15 square miles and had a population of nearly 200,000—making it the sixth-largest city in the world.

MAYAN CIVILIZATION More impressive still were the achievements of the Mayas, who benefited from their contacts with both the Olmecs and Teotihuacán. In the lowland jungles of Mesoamerica they built cities filled with palaces, bridges, aqueducts, baths, astronomical observatories, and pyramids topped with temples. Their priests developed a written language, their mathematicians discovered the zero, and their astronomers devised a calendar more accurate than any then existing. In its glory, between the third and ninth century CE, the Mayan civilization boasted some 50 urban centers scattered throughout the Yucatán Peninsula, Belize, Guatemala, and Honduras.

But neither the earliest urban centers of the Olmecs nor the glittering city-state of Teotihuacán survived. Even the enduring kingdom of the Mayas had collapsed by 900 CE. Like the ancient civilizations of Greece and Rome, they thrived for centuries and then declined. Scholars still debate the reasons for their collapse. Military attack may have brought about their ruin, or perhaps their large populations exhausted local resources.

AZTEC EMPIRE Mayan grandeur was eventually rivaled in the Valley of Mexico. In the middle of the thirteenth century the Aztecs, a people who had originally lived on Mesoamerica's northern frontiers, swept south and settled in central Mexico. By the end of the fifteenth century they ruled over a vast empire from their capital at Tenochtitlán, an island metropolis of perhaps a quarter of a million people. At its center lay a large plaza bordered by sumptuous palaces and the Great Temple of the Sun. Beyond

stood three broad causeways connecting the island to the mainland; many other

tall temples were adorned with brightly painted carved images of the gods, zoological and botanical gardens, and well-stocked market-places. Through Tenochtitlán's canals flowed gold, silver, exotic feathers and jewels, cocoa, and millions of pounds of maize—all trade goods and tribute from the several million other peoples in the region subjugated by the Aztecs.

Unsurpassed in power and wealth, in technological and artistic attainments, theirs was also a highly stratified society. The Aztec ruler, or Chief Speaker, shared



of Teotihuacán from a small town @Adalberto Rios Szalay/Sexto Sol/Getty Images



©Werner Forman/HIP/The Image Works

Aztec merchants, or pochtecas, spoke many languages and traveled on foot great distances throughout Mesoamerica and parts of North America. Pictured at left is Yacatecuhtli, Lord Nose, the patron god of merchants. He carries a symbol of the crossroads, with bare footprints. The merchant on the right carries a cargo of quetzal birds.

governing power with the aristocrats, who monopolized all positions of religious, military, and political leadership, while the commoners-merchants, farmers, and craftworkersperformed all manual labor. There were slaves as well, some captives taken in war, others from the ranks of commoners forced by poverty to sell themselves or their children.

## Farmers, Potters, and Builders of the Southwest

MOGOLLON AND HOHOKAM PEOPLES Mesoamerican crops and farming techniques began making their way north to the American Southwest by 1000 BCE. At first the most successful farmers in the region were the Mogollon and the Hohokam peoples, two cultures that flourished in New Mexico and southern Arizona during the first millennium CE. Both tended to cluster their dwellings near streams, relying on either floodplain irrigation or a system of floodgates and canals to sustain their crops. The Mogollon came to be the master potters of the Southwest. The Hohokam pioneered vast and complex irrigation systems in arid southern Arizona that allowed them to support one of the largest populations in precontact North America.

THE ANCESTRAL PUEBLO Their neighbors to

the north in what is now known as the Four Corners Region of Arizona, Colorado, New Mexico, and Utah, commonly referred to by the term Anasazi, are today more properly known as the Ancestral Pueblo peoples. The Ancestral Pueblo peoples adapted corn, beans, and squash to the relatively high altitude of the Colorado Plateau and soon parlayed their growing surplus and prosperity into societies of considerable complexity. Their most

stunning achievements were villages of exquisitely executed

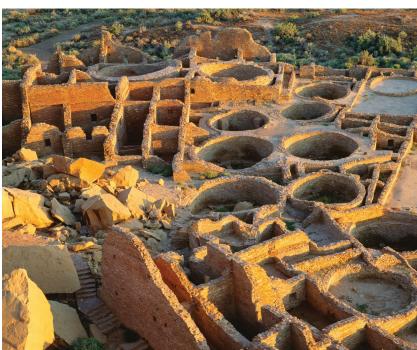
masonry buildings-apartment-like structures up to four stories high and containing hundreds of rooms at such places as Mesa Verde (Colorado) and Canyon de Chelly (Arizona). Villages in Chaco Canyon (New Mexico), the largest center of Ancestral Puebloan settlement, were linked to the wider region by hundreds of miles of wide, straight roads.

Besides their impressive dwellings, the Ancestral Pueblo people filled their towns with religious shrines, astronomical observatories,

and stations for sending signals to other villages. Their craftworkers fashioned delicate woven baskets, beautiful feather and hide sashes, decorated pottery, and turquoise jewelry that they traded throughout the region and beyond. For more than a thousand years, this civilization prospered, reaching a zenith between about 900 and 1100 CE. During those three centuries, the population grew to approximately 30,000 spread over 50,000 square miles, a total area larger than present-day California.

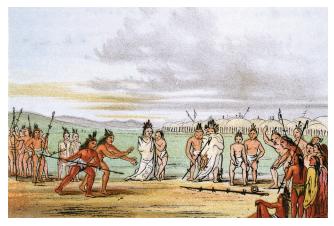
#### Chiefdoms of the Eastern Woodlands

East of the Mississippi, Indian societies prospered in valleys near great rivers (Mississippi, Ohio, Tennessee, and



©George H. H. Huey/Alamy

The remains of Pueblo Bonito, one of the nine Great Houses built by Ancestral Puebloans in Chaco Canyon. By the end of the eleventh century, Pueblo Bonito stood four stories high at the rear and contained 800 rooms as well as many towers, terraces, a large central plaza, and several round "kivas" for religious and ceremonial purposes.



©Mary Evans Picture Library/The Image Works

Chunkey was the name of a small clay donut-like disk about the width of a human hand, the centerpiece of a game first made popular at Cahokia. The figurine, about 8 inches high, shows a player holding the chunkey in his right hand. It was rolled across a playing field while contestants chased it, taking aim with sticks. Over 600 years later the game was still being played by many Indian peoples, including the Mandan, who were depicted by artist George Catlin. The chunkey appears at lower right.



©National Geographic Creative/Alamy

Cumberland), the shores of the Great Lakes, and the coast of the Atlantic. Everywhere the earliest inhabitants depended on a combination of fishing, gathering, and hunting-mainly deer but also bear, raccoon, and a variety of birds. Around 2000 BCE some groups in the temperate, fertile Southeast began growing the gourds and pumpkins first cultivated by Mesoamerican farmers, and later they also adopted the cultivation of maize. But unlike the ancient peoples of the Southwest, most Eastern Woodland peoples continued to subsist largely on animals, fish, and nuts, all of which were abundant enough to meet their needs and even to expand their numbers.

ADENA AND HOPEWELL Indeed, many of the mysterious earthen mounds that would so fascinate Europeans were built by peoples who did not farm. About 1000 BCE, residents of a place now known as Poverty Point in northeastern Louisiana fashioned spectacular earthworks-six semicircular rings that rose 9 feet in height and covered more than half a mile in diameter. Although these structures might have been sites for studying the planets and stars, hundreds of other mounds-built about 2,000 years ago by the Adena and the Hopewell cultures of the Ohio and Mississippi valleys-served as the burial places of their leading men and women. Alongside the corpses mourners heaped their richest goods-headdresses of antlers, necklaces of copper, troves of shells and pearls-rare and precious items imported from as far north as Canada, as far west as Wyoming, and as far east as Florida. All these mounds attest powerfully not only to the skill and sheer numbers of their builders but also to the complexity of these ancient societies, their elaborate religious practices, and the wide scope of their trading networks.

MISSISSIPPIAN CULTURE Even so, the most magnificent culture of the ancient Eastern Woodlands, the Mississippian, owed much of its prominence to farming. By the twelfth century CE these peoples had emerged as the premier city-builders of North America, and their towns radiated for hundreds of miles in every direction from the hub of their trading network at Cahokia, a port city of perhaps 30,000 located directly across from present-day St. Louis at the confluence of the Missouri and Mississippi Rivers. Cahokia's many broad plazas teemed with farmers hawking their corn, squash, and beans and with craftworkers and merchants displaying their wares. But what commanded every eye were the structures surrounding the plazas—more than 100 flat-topped pyramidal mounds crowned by religious temples and the palaces of rulers.

#### Life on the Great Plains

MIGRATORY PEOPLES Cahokia's size and power depended on consistent agricultural surpluses. Outside the Southwest and the river valleys of the East, agriculture played a smaller role in shaping North American societies. On the Great Plains, for example, some people did cultivate corn, beans, squash, and sunflowers, near reliable rivers and streams. But more typically plains communities relied on hunting and foraging, migrating to exploit seasonally variable resources. Plains hunters pursued game on foot; the horses that had once roamed the Americas became extinct after the last Ice Age. Sometimes large groups of people worked together to drive the buffaloes over cliffs or to trap them in corrals. The aridity of the plains made it a dynamic and unpredictable place to live. During times of reliable rainfall, bison populations boomed, hunters flocked to the region, and agricultural communities blossomed along major rivers. But sometimes centuries passed with lower-than-average precipitation, and families abandoned the plains for eastern valleys or the foothills of the Rocky Mountains.

#### Survival in the Great Basin

Some peoples west of the Great Plains also kept to older ways of subsistence. Among them were the Numic-speaking peoples of the Great Basin, which includes present-day Nevada and Utah, eastern California, and western Wyoming and Colorado. Small family groups scoured their stark, arid landscape for the limited supplies of food it yielded, moving with each passing season to make the most of their environment. Men tracked elk and antelope and trapped smaller animals, birds, even toads, rattlesnakes, and insects. But the staples of their diet were edible seeds, nuts, and plants, which women gathered and stored in woven baskets to consume in times of scarcity. Several families occasionally hunted together or wintered in common quarters, but because the desert heat and soil defied farming, these bands usually numbered no more than about 50 people.

The Plenty of the Pacific Northwest

The rugged stretch of coast from the southern banks of present-day British Columbia to northern California has always been an extraordinarily rich natural environment. Its mild climate and abundant rainfall yield forests lush with plants and game; its bays and rivers teem with salmon and halibut, its oceans with whales and porpoises, and its rocky beaches with seals, otters, abalone, mussels, and clams. Agriculture was unnecessary in such a bountiful place. From their villages on the banks of rivers, the shores of bays, and the beaches of low-lying offshore islands, the ancestors of the Nootkans, Makahs, Tlingits, Tshimshians, and Kwakiutls speared or netted salmon, trapped sea mammals, gathered shellfish, and launched canoes. The largest of these craft, from which they harpooned whales, measured 45 feet bow to stern and nearly 6 feet wide.

SOCIAL AND CEREMONIAL DISTINCTIONS By the fifteenth century these fecund lands supported a population of perhaps 130,000. They also permitted a culture with the leisure time needed to create works of art as well as an elaborate social and ceremonial life. The peoples of the Northwest built houses and canoes from red cedar; carved bowls and dishes from red alder; crafted paddles and harpoon shafts, bows, and clubs from Pacific yew; and wove This ornately carved and painted house post once supported the main beams of a dwelling belonging to a Kwakiutl whaler in the Pacific Northwest. Depicting a man of wealth and high rank, the figure has a whale painted on his chest and copper ornaments on his arms. Two smaller figures, in shadow by the whaler's knees, each support one end of a plank seat. These were his household slaves, most likely children captured in an attack on rival tribes.

©The Granger Collection, New



baskets from bark and blankets from mountain goat wool. They evolved a society with sharp distinctions among nobles, commoners, and slaves, the latter being mainly women and children captured in raids on other villages. Those who were free devoted their lives to accumulating and then redistributing their wealth among other villagers in elaborate potlatch ceremonies in order to confirm or enhance their social prestige.

#### The Frozen North

Most of present-day Canada and Alaska were equally inhospitable to agriculture. In the farthest northern reaches-a treeless belt of Arctic tundra-temperatures fell below freezing for most of the year. The Subarctic, although densely forested, had only about 100 frost-free days each year. As a result, the peoples of both regions survived by fishing and hunting. The Inuit, or Eskimos, of northern Alaska harvested whales from their umiaks, boats made by stretching walrus skin over a driftwood frame and that could bear more than a ton of weight. In the central Arctic, they tracked seals. The inhabitants of the Subarctic, both Algonquianspeaking peoples in the East and Athapaskan speakers of



#### EARLY PEOPLES OF NORTH AMERICA

Migration routes across the Bering Strait from Asia were taken by peoples whose descendants created the major civilizations of ancient America. The influence of Mesoamerica is most striking among the cultures of the Southwest and the Mississippians. Based on the information in After the Fact, "Tracking the First Americans" (at the end of the chapter), which migration route on this map is being more closely considered due to recent archaeological discoveries?

the West, moved from their summer fishing camps to berry patches in the fall to moose and caribou hunting grounds in the winter.



How did native cultures differ from region to region, and what accounts for these differences?

# INNOVATIONS AND LIMITATIONS

THE FIRST AMERICANS THEREFORE EXPRESSED, governed, and supported themselves in a broad variety of ways. And yet they shared certain core characteristics, including the desire and ability to reshape their world. Whether they lived in forests, coastal regions, jungles, or prairies, whether they inhabited high mountains or low deserts, native communities experimented constantly with the resources around them. Over the course of millennia, nearly all the hemisphere's peoples found ways to change the natural world in order to improve and enrich their lives.

### America's Agricultural Gifts

RISE OF AGRICULTURE No innovation proved more crucial to human history than native manipulation of individual plants. Like all first farmers, agricultural pioneers in the Americas began experimenting accidentally. Modernday species of corn, for example, probably derive from a Mesoamerican grass known as teosinte. It seems that ancient peoples gathered teosinte to collect its small grains. By selecting the grains that best suited them and bringing them back to their settlements, and by returning the grains to the soil through spillage or waste disposal, they unintentionally began the process of domestic cultivation. Soon these first farmers began deliberately saving seeds from the best plants



©vainillaychile/Shutterstock

Teosinte, a Mesoamerican grass. Selective harvesting by native peoples helped transform teosinte into maize (corn).

and sowing them in gardens. In this way, over hundreds of generations, American farmers transformed the modest teosinte grass into a staple crop that would give rise to the hemisphere's mightiest civilizations.

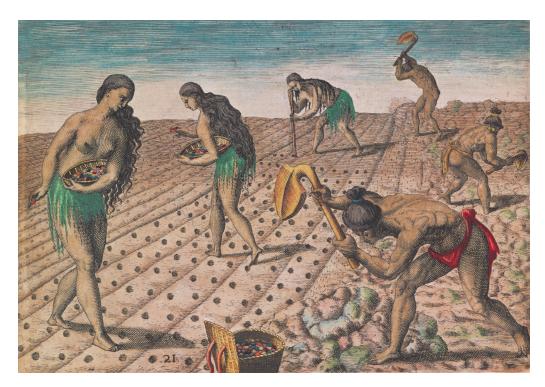
WORLDWIDE SPREAD OF AMERICAN CROPS Indeed, ever since contact with Europe, the great breakthroughs in Native American farming have sustained peoples around the world. In addition to corn, the first Americans gave humanity scores of varieties of squash, potatoes, beans, and other basic foods. Today, plants domesticated by indigenous Americans account for three-fifths of the world's crops, including many that have revolutionized the global diet. For good or ill, a handful of corn species occupies the center of the contemporary American diet. In addition to its traditional forms, corn is consumed in chips, breads, and breakfast cereals; corn syrup sweeteners are added to many of our processed foods and nearly all soft drinks; and corn is fed to almost all animals grown to be consumed, even farmed fish.

Other Native American crops have become integral to diets all over the world. Potatoes revolutionized northern European life in the centuries after contact, helping to avert famine and boost populations in several countries. Ireland's population tripled in the century after the introduction of potatoes. Beans and peanuts became prized for their protein content in Asia. And in Africa, corn, manioc, and other New World crops so improved diets and overall health that the resulting rise in population may have offset the population lost to the Atlantic slave trade.

### Landscapers

Plant domestication requires the smallest of changes, changes farmers slowly encourage at the genetic level. But native peoples in the precontact Americas transformed their world on grand scales as well. In the Andes, Peruvian engineers put people to work by the tens of thousands creating an astonishing patchwork of terraces, dikes, and canals designed to maximize agricultural productivity. Similar public-works projects transformed large parts of central Mexico and the Yucatán. Even today, after several centuries of disuse, overgrowth, and even deliberate destruction, human-shaped landscapes dating from the precontact period still cover thousands of square miles of the Americas.

CULTIVATED TREES OF THE AMAZON Over the past generation, scholars have begun to find evidence of incredible manipulation of landscapes and environments in the least likely of places. The vast Amazon rain forest has long been seen by Westerners as an imposing symbol of untouched nature. But it now seems that much of the Amazon was in fact made by people. Whereas farmers elsewhere in the world domesticated plants for their gardens and fields, farmers in the Amazon cultivated food-bearing trees for thousands of years, cutting down less useful species and replacing them with ones that better suited human needs. All told there are more than 70 different species of domesticated trees throughout



Theodore de Bry, Florida Indians Planting Maize. Both men and women were portrayed as involved in agriculture. Except for the digging stick at the center rear, however, the farming implements drawn by the artist are European in origin.

©Service Historique de la Marine. Vincennes, France/Bridgeman Images



©Emmanuel Lattes/Alamy

In both North and South America native peoples used techniques to shape their physical environment, from burning prairies and forests (to harvest/hunt animals) to creating irrigation systems (to control floodwaters for agriculture). This photograph from present-day Peru shows the exquisite terracing Incas employed to maximize agricultural yields amid hills, valleys, and mountains. Some researchers think these circular terraces were used for agronomic experiments.

the Amazon. At least one-eighth of the nonflooded rain forest was directly or indirectly created by humans. Likewise, native peoples laboriously improved the soil across as much as a tenth of the Amazon, mixing it with charcoal and a variety of organic materials. These managed soils are more than 10 times as productive as untreated soils in the Amazon. Today, farmers in the region still eagerly search for the places where precontact peoples enriched the earth.

Native North Americans likewise transformed their local environments. Sometimes they moved forests. Ancestral Puebloans cut down and transported more than 200,000 trees to construct the floors and roofs of the monumental buildings in Chaco Canyon. Sometimes they moved rivers. By taming the waters of the Salt and Gila Rivers in present-day Arizona with the most extensive system of irrigation canals anywhere in precontact North America, the Hohokam were able to support large populations in a desert environment. And sometimes they moved the land itself. Twenty-two million cubic feet of earth were moved to construct just one building in the Mississippian city of Cahokia.

FIRE AS A TOOL Indians also employed fire to systematically reshape landscapes across the continent. Throughout North America's great eastern and western forests, native peoples periodically set low fires to consume undergrowth and fallen trees. In this way the continent's first inhabitants managed forests and also animals. Burning enriched the soil and encouraged the growth of grasses and bushes prized by game animals such as deer, elk, beaver, rabbit, grouse, and turkey. The systematic use of fire to reshape forests helped hunters in multiple ways: it increased the overall food supply for grazing animals, it attracted those animal species hunters valued most, and, by clearing forests of ground debris, fire made it easier to track, kill, and transport game. Deliberate burns transformed forests in eastern North America to such an extent that bison migrated from their original ranges on the plains and thrived far to the east. Thus, when native

hunters from New York to Georgia brought down a buffalo, they were harvesting a resource that they themselves had helped to cultivate.

### The Shape of a Problem

No matter how great their ingenuity, the first Americans were constrained by certain natural realities. One of the most important is so basic that it is easy to overlook. Unlike Eurasia, which stretches across the Northern Hemisphere along an east-west axis, the Americas fall along a north-south axis, stretching nearly pole to pole. Consequently, the Americas are broken up by tremendous geographic and climactic diversity, making communication and technology transfer far more difficult than it was in the Old World.

Consider the agricultural revolution in Eurasia. Once plants and animals were first domesticated in the Fertile Crescent around 10,000 years ago, they quickly began spreading east and west. Within 1,500 years these innovations had been adopted in Greece and India. A thousand years later the domesticated plants and animals of the Fertile Crescent had reached central Europe, and, from there, it took perhaps 200 years for them to be embraced in present-day Spain. Eurasia's east-west axis facilitated these transfers. Locations at roughly the same latitude share the same seasonal variation, have days of the same

length, and often have similar habitats and rates of precipitation, making it relatively easy for plants and animals to move from one place to

In contrast, the north-south orientation of the Americas erected natural barriers to plant and animal transfer. Mesoamerica and South America, for example, are about as far apart as the Balkans and Mesopotamia. It took roughly 2,000 years for plants and animals domesticated in Mesopotamia to reach the Balkans. But because Mesoamerica and South America are separated by tropical, equatorial lowlands, it took domesticated plants such as corn several thousand years to jump between the two regions. Sometimes the transfer never happened at all before European contact. South American potatoes would have thrived in

central Mexico, but the tropics stopped their northward migration. Equatorial jungles also denied Mesoamerican societies the llama and the alpaca, domesticated more than 5,000 years ago in the Andes. One wonders what even greater heights the Olmec, Toltec, Mayan, and Aztec civilizations would have achieved if they had had access to these large creatures as draft animals and reliable sources of protein.

TRANSFER OF TECHNOLOGY, AGRICULTURE, AND ANIMALS Dramatic variations in climate likewise delayed the transfer of agriculture from Mexico to regions north of the Rio Grande. Archaeologists have discovered evidence of 10,000-year-old domesticated squash in a cave in southern Mexico, an indication that agriculture began in the Americas nearly as early as anywhere else in the world. Yet squash and corn were not cultivated in the present-day American Southwest for another 7,000 years, and the region's peoples did not embrace a fully sedentary, agricultural lifestyle until the start of the Common Era. Major differences in the length of days, the growing season, average temperatures, and rainfall between the Southwest and central Mexico meant that farmers north of the Rio Grande had to experiment for scores of generations before they perfected crops suited to their particular environments. Corn took even longer to become a staple crop in eastern North America, which is why major urban centers did not arise there until approximately 1000 CE.

By erecting barriers to communication and the spread of technology, then, the predominantly north-south orientation of the Americas made it more difficult for the hemisphere's inhabitants to build on one another's

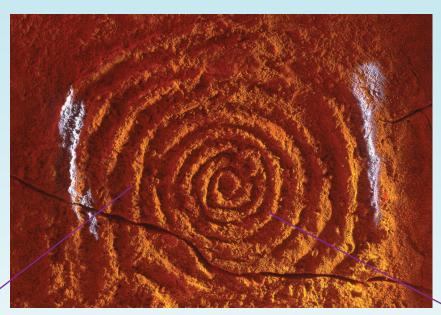


©Free Library of Philadelphia/Bridgeman Images

Fewer large mammal species were available for domestication in the Americas, perhaps because the first wave of humans on the continent contributed to mass extinctions. Native Americans did domesticate dogs, shown here in a watercolor-and-ink sketch of a Mandan dog sled painted by Karl Bodmer in 1834.

# Historian's TOOLBOX

# An Ancient Calendar



©Charles Walker/TopFoto/The Image Works

During summer solstice, the spiral is bisected by a single shaft of light. At the winter solstice, as shown here, sunlight shines at the outside edges of the spiral.

Why might the Chacoans have used a spiral rather than another image?

On a blazing hot summer day in 1977, Anna Sofaer climbed up to the top of Fajada Butte in Chaco Canyon, New Mexico, spotted three sandstone slabs resting carefully against a wall, and walked over to investigate. What she saw against the wall astounded her: a spiral glyph, bisected by a pure shaft of light. An artist and amateur archaeologist, Sofaer had keen interest in how indigenous American cultures harnessed light and

shadow in their architecture. Knowing that it was nearly the summer solstice, she recognized instantly that she'd discovered an ancient Ancestral Puebloan calendar. Later research revealed that the device also marked the winter solstice, the summer and winter equinoxes, and the extremes of the moon's 18- to 19-year cycle (the major and minor standstills). These discoveries prompted still more research, and scholars now

believe that there are structures throughout Chaco Canyon aligned to solar and lunar events.

#### THINKING CRITICALLY

What practical reasons might there have been to build these sorts of sun and moon calendars? Might there have been cultural, religious, or social purposes to track accurately the movements of the sun and moon?

successes. Had American innovations spread as quickly as innovations in Eurasia, the peoples of the Western Hemisphere would likely have been healthier, more numerous, and more powerful than they were when Europeans first encountered them in 1492.

#### **Animals and Illness**

One other profound difference between the Eurasian world and the Americas concerned animals and disease.

Most diseases affecting humans originated from domesticated animals, which came naturally into frequent and close contact with the humans who raised them. As people across Eurasia embraced agriculture and started living with one another and with domesticated animals in crowded villages, towns, and cities, they created ideal environments for the evolution and transmission of infectious disease. For example, measles, tuberculosis, and smallpox all seem to have derived from diseases afflicting cattle.

#### Place and Timing of Pioneering Plant and Animal Domestications

PLACE	PLANT	ANIMAL	APPROX. DATE
Southwest Asia	Wheat, pea, olive	Sheep, goat	8500 BCE
China	Rice, millet	Pig, silkworm	By 7500 BCE
New Guinea	Sugarcane, banana	None	ca. 7000 BCE?
Sahel	Sorghum, African rice	Guinea fowl	By 5000 BCE
Mesoamerica	Corn, beans, squash	Turkey	By 3500 BCE
Andes & Amazonia	Potato, manioc	Llama, guinea pig	By 3500 BCE
Tropical West Africa	African yams, oil palm	None	By 3000 BCE
Eastern North America	Sunflower, goosefoot	None	2500 BCE
Ethiopia	Coffee, teff	None	?

Source: Jared M. Diamond, Guns, Germs, and Steel: The Fates of Human Societies, 20th ann. ed. New York, NY: W. W. Norton, 2017).

EURASIA'S DEADLY ADVANTAGE Eurasians therefore paid a heavy price for living closely with animals. Yet in the long run, the continent's terrible illnesses hardened its population. Victims who survived into adulthood enjoyed acquired immunity to the most common diseases: that is, if they had already encountered a particular illness as children, their immune systems would recognize and combat the disease more effectively in the event of reinfection. By the fifteenth century, then, Eurasian bodies had learned to live with a host of deadly communicable diseases.

But Native American bodies had not. With a few important exceptions, including tuberculosis, pneumonia, and possibly herpes and syphilis, human populations in the Western Hemisphere seem to have been relatively free from major communicable pathogens. Insofar as most major diseases emerge from domesticated animals, it is easy enough to see why. Indigenous Americans domesticated turkeys, dogs, Muscovy ducks, and guinea pigs but raised only one large mammal-the llama or alpaca (breeds of the same species).

This scarcity of domestic animals had more to do with available supply than with the interest or ability of their would-be breeders. The extinction of most species of megafauna soon after humans arrived in the Americas deprived the hemisphere of 80 percent of its large mammals. Those that remained, including modern-day bison, elk, deer, and moose, were more or less immune to domestication because of peculiarities in their dispositions, diets, rates of growth, mating habits, and social characteristics. In fact, of the world's 148 species of large mammals, only 14 were successfully domesticated before the twentieth century. Of those 14, only one—the ancestor to the llama/alpaca—remained in the Americas following the mass extinctions. Eurasia, in contrast, was home to 13-including the five most common and adaptable domestic mammals: sheep, goats, horses, cows, and pigs.

With virtually no large mammals to domesticate, Native Americans were spared the nightmarish effects of most of the world's major communicable diseases-until 1492. After that date, European colonizers discovered the grim advantage of their millennia-long dance with disease. Old World infections that most colonizers had experienced as children raged through indigenous communities, usually doing the greatest damage to adults whose robust immune systems reacted violently to the novel pathogens. Often native communities came under attack from multiple diseases at the same time. Combined with the wars that attended colonization and the malnutrition, dislocation, and despair that attend wars, disease would kill native peoples by the millions while European colonizers increased and spread over the land. Despite their ingenuity and genius at reshaping plants and environments to their advantage, native peoples in the Americas labored under crucial disadvantages compared to Europe-disadvantages that would contribute to disaster after contact.



How did the native inhabitants of the Americas transform their environments, and what natural constraints put them at a disadvantage relative to Europeans?

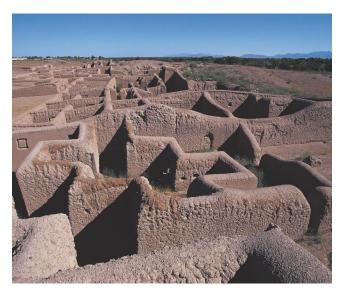
# CRISIS AND TRANSFORMATION

SUDDEN DECLINES WITH ITS COASTAL PLAINS, ARID deserts, broad forests, and vast grasslands, North America has always been a place of tremendous diversity and constant change. Indeed, many of the continent's most dramatic changes took place in the few centuries before European contact. Because of a complex and still poorly understood combination of ecological and social factors,

the continent's most impressive civilizations collapsed as suddenly and mysteriously as had those of the Olmecs and the Mayas of Mesoamerica. In the Southwest, the Mogollon culture went into eclipse around the twelfth century, the Hohokam and the Ancestral Puebloans by about the fourteenth. In the Eastern Woodlands, the story was strikingly similar. Most of the great Mississippian population centers, including the magnificent city of Cahokia, had faded by the fourteenth century.

#### **Enduring Peoples**

TRADING CITY OF PAQUIME The survivors of these crises struggled to construct new communities, societies, and political systems. In the Southwest, descendants of the Hohokam withdrew to small farming villages that relied on simpler modes of irrigation. Refugees embarked on a massive, coordinated exodus from the Four Corners region and established new, permanent villages in Arizona and New Mexico that the Spaniards would collectively call the Pueblos. The Mogollon have a more mysterious legacy, but some of their number may have helped establish the remarkable trading city of Paquime in present-day Chihuahua. Built around 1300, Paquime contained more than 2,000 rooms and had a sophisticated water and sewage system unlike any other in the Americas. The city included 18 large mounds, all shaped differently from one another, and three ball courts reminiscent of those found elsewhere in Mexico. Until its demise sometime in the fifteenth century Paquime was the center of a massive trading network, breeding macaws and turkeys for export and channeling prized feathers, turquoise, seashells, and worked copper throughout a huge region.



©Danny Lehman/Getty Images

The rooms of Paquime, divided by adobe mud walls, help archaeologists estimate population.

The dramatic transformations remaking the Southwest involved tremendous suffering. Southwesterners had to rebuild in unfamiliar and oftentimes less productive places. Although some of their new settlements endure even to this day, many failed. Skeletal analysis from an abandoned pueblo on the Rio Grande, for example, indicates that the average life expectancy was only 16.5 years. Moreover, drought and migrations increased conflict over scarce resources. The most successful new settlements were large, containing several hundred people, and constructed in doorless, defensible blocks, or else set on high mesas to ward off enemy attacks. These changes were only compounded by the arrival of Athapaskan-speaking peoples (known to the Spanish as Apaches and Navajos) in the century or two before contact with Europeans. These hunters and foragers from western Canada and Alaska moved in small bands, were sometimes friendly, sometimes hostile toward different Pueblos, and eventually became key figures in the postcontact Southwest.

MUSKOGEAN PEOPLES In the Eastern Woodlands, the great Mississippian chieftainships never again attained the glory of Cahokia, but key traditions endured in the Southeast. In the lower Mississippi valley, the Natchez maintained both the temple mound-building tradition and the rigid social distinctions of Mississippian civilization. Below the chief, or "Great Sun," of the Natchez stood a hereditary nobility of lesser "Suns," who demanded respect from the lowly "Stinkards," the common people. Other Muskogean-speakers rejected this rigid and hierarchical social model and gradually embraced a new, more flexible system of independent and relatively egalitarian villages that forged confederacies to better cope with outsiders. These groupings would eventually mature into three of the great southeastern Indian confederacies: Creek, Choctaw, and Chickasaw.

IROQUOIANS To the North lived speakers of Iroquoian languages, roughly divided into a southern faction including Cherokees and Tuscaroras, and a northern faction including the powerful Iroquois and Hurons. Like Muskogeans to the South, these Iroquoian communities mixed farming with a hunting/gathering economy and lived in semipermanent towns. The distinctive feature of Iroquois and Huron architecture was not the temple mound but rather the longhouse (some stretching up to 100 feet in length). Each sheltered as many as 10 families.

**ALGONQUINS** The Algonquins were the third major group of Eastern Woodlands people. They lived along the Atlantic Seaboard and the Great Lakes in communities smaller than those of either the Muskogeans or the Iroquois. By the fifteenth century, the coastal communities from southern New England to Virginia had adopted agriculture to supplement their diets, but those in the colder

#### **A Continent of Cultures**

	NATURAL ENVIRONMENT	BUILT ENVIRONMENT	PRIMARY SUSTENANCE
Olmecs	Tropical lowlands of south central Mexico	First city-builders: large plazas, pyramidal structures, sculptured heads	Beans, squash, maize (corn)
Mayas	Lowland jungles of the Yucatán Peninsula	Cities contain palaces, bridges, aqueducts, baths, pyramids topped with temples	Beans, squash, maize
Aztecs	Valley of Mexico	Tenochtitlán—an island metropolis with canals, marketplaces, palaces, temples	Beans, squash, maize
Mogollon	Southern New Mexico	Exquisite pottery	
Hohokam	Southern Arizona	Canals, ball courts	Beans, squash, maize
Ancestral Pueblo	Colorado plateau	Masonry buildings	
Eastern Woodlands	Centered in valleys of great rivers, Great Lakes, and Atlantic coast	Mound building, sometimes figurative and monumental	Primarily animals, fish, and nuts; gourds and pumpkins in the southeast; and later maize
Great Plains	Semiarid long- and short- grass plains; rainfall varied and unpredictable	Hide shelters on poles	Primarily hunting and forag- ing, buffalo stampedes, but some maize, squash, beans, and sunflowers
Great Basin	Plateau between Rocky Mountains and the Sierras	Bands usually numbered less than 50; simple shelters	Elk, antelope trapped; also a wide variety of small game as available; seeds, nuts, and plants
Pacific Northwest	Coastal areas from British Columbia to northern California; abundant rainfall, mild climate	Large and long houses of cedar beams and hand-split boards; complex works of art	Lush forests provide plants and game; rivers and ocean, abundant fish and shellfish
Subarctic and Arctic Peoples	Open boreal forest and tun- dra stretch across Canada; usually fewer than 100 frost- free days a year	Skin tents and igloos in the arctic winters	Hunting and fishing (includ- ing whales, seals, muskrats); moose and caribou

Photos: (left) ©The Granger Collection, New York; (right) ©Service Historique de la Marine, Vincennes, France/Bridgeman Images

northern climates with shorter growing seasons depended entirely on hunting, fishing, and gathering plants such as wild rice.

CARIBBEAN CULTURES Cultures of equal and even greater resources persisted and flourished during the fifteenth century in the Caribbean, particularly on the Greater

Antilles-the islands of present-day Cuba, Haiti and the Dominican Republic, Jamaica, and Puerto Rico. Although the earliest inhabitants of the ancient Caribbean, the Ciboneys, may have come from the Florida peninsula, it was the Tainos, later emigrants from northern South America, who expanded throughout the Greater Antilles and the Bahamas. Taino chiefs, known as caciques, along with a small



### HOW MANY PEOPLE LIVED ON HISPANIOLA IN 1492?

Estimates of the precontact population of the Americas are necessarily speculative. Historians disagree sharply over these estimates, partly because they have used different data and methods and partly because of the moral or political implications that many people associate with high or low figures. The greater the initial population, so the argument goes, the greater the crime of its destruction. The range of estimates is particularly striking for the island of Hispaniola (present-day Haiti and the Dominican Republic), site of Europe's first American colony and of the hemisphere's first demographic catastrophe. Historians Sherburne Cook and Woodrow Borah, relying especially on population estimates in the primary sources, have argued that several million people lived on the island in 1492. The historical demographer Massimo Livi-Bacci, using other methods to estimate the island's precontact population, doubts that it could have exceeded 400,000. These short excerpts cannot capture the complexity of the arguments, but they illustrate some of the differences.

#### DOCUMENT 1

#### Sherburne Cook and Woodrow Borah

It is now more than four centuries since [Bartolomé de] las Casas insisted that when Columbus first sighted Hispaniola, the island had 3 to 4 million native inhabitants and perhaps more. This estimate has been denied vigorously. Yet if we accept as substantially correct the count for tribute carried out by Bartolomé Columbus in 1496, and we have seen that there is good evidence for it, we have to concede the reliability of Las Casas. We have set forth previously the reasons for estimating that in 1496 the entire island was inhabited by 3,770,000

souls. There must have been more than this number in 1492, particularly if in 1496 somewhere near 40 percent of the natives were dying annually. . . . The most probable number may be put at 7 to 8 million. This is the order of magnitude obtained if we assume that the Columbus' count was relatively accurate. . . . [This figure] would give an average population density for Hispaniola of approximately double the density we found for central Mexico just before the coming of the Europeans. . . . The American Indians in general had available to them food plants

of far greater yield per hectare than any cultivated at that time in the Old World except the yams of sub-Saharan Africa and the rice of southeast Asia. The Indians of Hispaniola, relative to the Indians of central Mexico, had cassava, which yields more per hectare than maize and has remarkable storage qualities; they had also the more favorable agricultural conditions of Hispaniola.

Source: Cook, Sherburne F. and Borah, Woodrow, Essays in Population History. 3 Volumes, Vol. 1. Berkeley and Los Angeles, CA: University of California Press, 1971–1979, 405–408.

#### DOCUMENT 2

#### Massimo Livi-Bacci

There are many reasons to believe that the contact population could not have exceeded a few hundred thousand people.... The crown and the colonists were eager for gold.... Forcing the indios to work in the mines was a far more efficient way to obtain gold, and gold production reached a peak of 1,000 kg per year in the first years of Ovando's rule. Under the conservative hypothesis that annual individual productivity was 100 g, and that one third of adult males worked in the mines (about 8 percent of the total population), 10,000 laborers would have been needed to produce 1,000 kg, drawn from a total population of 120,000. This figure during Ovando's rule would be consistent with a population twice as large, or more, at the time of contact ten years before, as stipulated by Arranz.

[Another] approach is demographic in nature. It is during [Governor Nicolás de] Ovando's times (1502–1508) that the decline of the native population must have accelerated its pace—the logical

consequence of the wars of "pacification," the Spanish occupation of the whole island, the growing number of colonists, and the increased demand for construction, agriculture, and mining labor. At the end of Ovando's rule in 1508, the native population was said to be 60,000: how many could they have been 14 years earlier? A contact population of 400,000—reduced to 200,000 after the high mortality of 1494-1496 and suffering three other major epidemic outbreaks, each one wiping out one third of the total populationwould have been reduced to the estimated 60,000 of 1508. Although this is not impossible, epidemics are not mentioned in the abundant available literature prior to the smallpox epidemic of 1518-1519. The repartimiento of 1514 shows an age structure and a children to-women ratio consistent with rates of decline approaching 5 percent a year. This rate, if carried backward to 1492, would yield a population of about 80,000....

These independent methods restrict the plausible range into which the initial contact population could fall. . . . The most likely figure [lies] between 200,000 and 300,000, with levels below 100,000 and above 400,000 both unlikely.

Source: Livi-Bacci, Massimo, "Return to Hispaniola: Reassessing a Demographic Catastrophe," *Hispanic American Historical Review*, vol. 83, no. 1, February 2003, 3–51

#### THINKING CRITICALLY

What evidence do Cook and Borah use to produce their population estimate? What evidence does Livi-Bacci employ? Why do you think their approaches produced such dramatically different figures? Do you think that the moral implications of Hispaniola's demographic collapse are different if the original population was 400,000, as opposed to 8 million? Why or why not?

## >> MAPPING THE PAST <<

## INDIANS OF NORTH AMERICA, C. 1500



Courtesy of Cahokia Mounds State Historic Site, Collinsville, Illinois. Painting by William R. Iseminger

"A populous nation of people, and so extensive that those who give detailed reports of them do not know where it ends."—Don Antonio Balcarcel, Bishop of Guadalajara, 1676, on the Caddo Indians of Texas

#### CONTEXT

We need maps to orient our understanding of the past, but we should remember their limitations. No one has yet produced an adequate map of Native North Americans in the colonial period. Tribal names obscure complex, multifaceted identities. Labels like "Blackfeet," "Creek," or "Erie" falsely imply political stability, while the fixed position of these labels in one place masks the migrations, displacements, expansions, and contractions that kept the native world in constant motion.



#### MAP READING

- 1. What are the three subsistence modes represented on this map?
- 2. What names do you recognize?
- 3. Do rivers seem to correspond to the location of native communities? Which ones?

#### MAP INTERPRETATION

- 1. Based on this basic map, can you identify regions of denser and sparser population? What might account for the difference?
- 2. Try to locate a native group that seems out of place, based on what you already know about American history. How might you explain the geographic shift over time?
- 3. Choose a native group unfamiliar to you and briefly research it on the Internet. Are there any obvious reasons why the group is less familiar to you than others?

number of noble families, ruled island tribes, controlling the production and distribution of food and tools and exacting tribute from the great mass of commoners, farmers, and fisherfolk. Attending to these elites were the poorest Taino peoples—servants who bedecked their masters and mistresses in brilliant diadems of feathers, fine woven textiles, and gold nose and ear pieces and then shouldered the litters on which the rulers sat and paraded their finery.

# North America on the Eve of Contact

By the end of the fifteenth century, North America's peoples numbered between 5 and 10 million—with perhaps another million living on the islands of the Caribbean—and they were spread among more than 350 societies speaking nearly as many distinct languages. (The total precontact population for all of the Americas is estimated at between 57 and 112 million.)

**DIVERSE LIFEWAYS** These millions lived in remarkably diverse ways. Some peoples relied entirely on farming; others on hunting, fishing, and gathering; still others on a combination of the two. Some, like the Natchez and the Iroquois, practiced matrilineal forms of kinship, in which women owned land, tools, and even children. Among others, such as the Algonquins, patrilineal kinship prevailed, and all property and prestige descended in the male line. Some societies, such as those of the Great Plains and the Great Basin in the West, the Inuit in the Arctic, and the Iroquois and Algonquins in the East, were roughly egalitarian, whereas others, like many in the Caribbean and the Pacific Northwest, were rigidly divided into nobles and commoners and servants or slaves. Some, such as the Natchez and the Tainos, were ruled by powerful chiefs; others, such as the Algonquins and the Pueblo peoples, by councils of village elders or heads of family clans; still others in the Great Basin, the Great Plains, and the far North by the most skillful hunter or the most powerful shaman in their band. Those people who relied on hunting practiced religions that celebrated their kinship with animals and solicited their aid as guardian spirits, whereas predominantly agricultural peoples sought the assistance of their gods to make the rain fall and the crops ripen.

When Europeans first arrived in North America, the continent north of present-day Mexico boasted an ancient, rich, and dynamic history marked by cities, towns, and prosperous farms. At contact it was a land occupied by several million men, women, and children speaking hundreds of languages and characterized by tremendous political, cultural, economic, and religious diversity.



What was life like in the Americas on the eve of European contact?

# PUTTING HISTORY IN GLOBAL CONTEXT

MEDIEVAL SCANDINAVIANS SAILED as far west as Greenland. Then in 1001 a party of men and women under Leif Ericsson established an encampment known as Vinland on the northern tip of Newfoundland. That European outpost in North America may have endured several seasons or even decades, but eventually it was extinguished or abandoned. In contrast, the contact between Eastern and Western Hemispheres that began in 1492 was permanent, and the effects rising out of it were far-reaching. Epidemic diseases and the traumas of colonization would kill millions of Native Americans; animals and vegetables from both hemispheres would transform lives across the globe. And the newcomers from Europe, Africa, and Asia embarked on a series of encounters that reshaped North and South America.

So it is important to grasp the extent of American cultures before 1492, because for most of our nation's short history we have not wanted to remember the Americas as a populous, diverse, and civilized hemisphere when Christopher Columbus first dropped anchor in the Bahamas. In 1830, for example, President Andrew Jackson tried to answer the many critics of his Indian-removal policies. Although "humanity has often wept over the fate of the aborigines of this country," Jackson said, the Indians' fate was as natural and inevitable "as the extinction of one generation to make room for another." Pointing to the mysterious mounds that had so captivated the founding fathers, he proclaimed, "we behold the memorials of a once powerful race, which was exterminated, or has disappeared, to make room for the existing savage tribes." Just as the architects of the mounds supposedly met their end at the hands of these "savage tribes," the president concluded, so, too, must Indians pass away before the descendants of Europe. "What good man would prefer a country covered with forests and ranged by a few thousand savages, to our extensive republic, studded with cities, towns, and prosperous farms . . . and filled with all the blessings of liberty, civilization, and religion!"

Jackson and many others of his era preferred a national history that contained only a few thousand ranging "savages" to one shaped by millions of indigenous hunters, farmers, builders, and inventors. Yet what seems clear from modern research is the rich diversity of American cultures on the eve of contact between the peoples of Eurasia, Africa, and the Americas. We are still struggling to find stories big enough to encompass not only Indians but all those who have forged this complex, tragic, and marvelous nation of nations.

# **CHAPTER SUMMARY**

Thousands of years after Siberian hunters migrated across the Bering Strait to Alaska, their descendants created civilizations that rivaled those of ancient Europe, Asia, and Africa.

 Around 1500 BCE Mesoamerica emerged as the hearth of civilization in the Western Hemisphere, a process started by the Olmecs and brought to its height by the Mayas. Their built cities are remarkable for their art, architecture, and trade.

- The adoption of agriculture gave peoples in the Southwest and the Eastern Woodlands the resource security necessary to develop sedentary cultures of increasing complexity.
- Inhabitants of the Great Plains, the Great Basin, the Arctic, and the Subarctic relied on fishing, hunting, and gathering.
- Peoples of the Pacific Northwest boasted large populations and prosperous economies as well as an elaborate social, ceremonial, and artistic life.
- The first Americans shaped their environments, pioneering crops and transforming landscapes.
- Nonetheless, the continent's north-south orientation inhibited the spread of agriculture and technology, and a lack of domesticatable animals compared to Europe would leave Native Americans with little protection against Old World diseases.
- North America's most impressive early civilizations had collapsed by the end of the fifteenth century. In their wake a diverse array of cultures evolved.
  - ► In the Southwest, Pueblo Indians were joined by Athapaskanspeakers eventually known as Apaches and Navajos.
  - ► In much of eastern North America, stratified chiefdoms of the Mississippian era gave way to more egalitarian confederacies of independent villages.

## Digging Deeper

Scholars in several fields are transforming our understanding of the Americas prior to European contact. The magazine Archaeology offers clear explanations of the latest discoveries for nonscientific audiences. For an excellent overview, attentive to controversies among researchers, see Charles C. Mann, 1491: New Revelations of the Americas before Columbus (2005). For North America specifically, see Alice Beck Kehoe, North America before the European Invasions (2nd ed., 2016). For the Southwest, see Linda S. Cordell and Maxine E. McBrinn, Archaeology of the Southwest (3rd ed., 2012). For the Eastern Woodlands, see George R. Milner, The Moundbuilders: Ancient Peoples of Eastern North America (2005); and Timothy Pauketat, ed., Cahokia (2010). Roger G. Kennedy, Hidden Cities: The Discovery and Loss of Ancient North American Civilization (1994), gives a fascinating account of how white Americans responded to the ruins of ancient American cultures. For the consequences of axis alignment and of domesticated animals, see the captivating work by Jared Diamond, Guns, Germs, and Steel: The Fates of Human Societies (20th ann. ed., 2017).

For the cultures of precontact Mexico, see Michael D. Coe and Rex Koontz, Mexico: From the Olmecs to the Aztecs (7th ed., 2013). For exhaustive surveys of all regional cultures in North America, see William C. Sturtevant, general editor, *Handbook* of North American Indians, 15 volumes to date (1978–2008).



# After the Fact

| Historians Reconstruct the Past |

# Tracking the First Americans

What methods do historians use to discover the history of a past thousands of years before any humans knew how to write? Archaeological research is key; and by carefully unearthing layer after layer of soil, analyzing artifacts and their relation to these layers, scientists and historians have been able to discover a remarkable amount of information about the first immigrants to the Americas over 15,000 years ago.

But the deductions and inferences made about a past lacking historical documents are often contested. Like millions of other Americans who look to religious texts more than to evolutionary biology or archaeology for their deep history, many Indian people today reject what Western science has to say about their origins. Rather, they insist that their people are truly indigenous to America—that they didn't migrate here but *emerged* here from other planes of existence. A Navajo origin story, for example, explains how their ancestors came into this world, "the changeable world," after a harrowing journey through the Four Dark Worlds. For some these stories are profound metaphors; for others they describe actual events in ancient times. But adherents of either perspective often share an understandable skepticism about scientific "truth" that over the past two centuries has taken so little interest in their oral traditions, has gone through so many massive revisions, and has so often been used to justify native dispossession. After all, Andrew Jackson and other supporters of Indian removal insisted they had "science" on their side.

Archaeologists rarely question the basis of scientific knowledge, but they have continually argued with one another over the scant evidence discovered about early migrations. And progress often depends on accidental finds, such as the one made by an African American cowboy, George McJunkin. McJunkin, a former slave, was a talented rancher, not to mention a capable fiddler, amateur astronomer, and surveyor. Old fossils also fascinated him, and he happened upon one of the most important of the twentieth century.

# THE CLOVIS DISCOVERIES

ON HORSEBACK ONE DAY IN 1908 near Folsom, New Mexico, McJunkin spotted some very old bison bones eroding from a slope. Bringing some home, he soon realized that they were far too large—that they must have belonged to an extinct bison species. Professional archaeologists ignored McJunkin's discovery, and only in 1926 after his death did New Mexican locals manage to convince scholars from the University of Colorado to investigate the original site. In doing so, they uncovered an exquisitely crafted stone spear-point embedded in the bison's ribs.

The discovery rocked the scientific community, which had long declared confidently that Indians had first arrived in the Americas only about 4,000 BP. Eleven years later another shock followed when archaeologists digging near Clovis, New Mexico, found a different sort of



©Brian\_Brockman/Getty Images

Stone artifacts known as Clovis points have been found with skeletons of mammoths, mastodon, and bison.

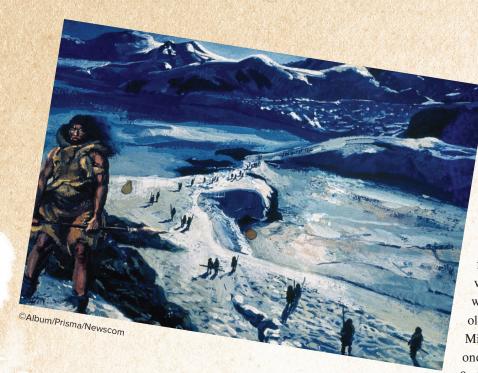
projectile point near butchered mammoth bones. Finally, in 1949, scientists confirmed the great antiquity of both finds by using radiocarbon dating, a method for measuring decay rates of the radioactive isotope of carbon, which exists in organic matter such as bone and starts to break down immediately after an organism dies. Tests revealed that the Folsom site dated to 10,800 BP and that Clovis was nearly a thousand years older still. Soon archaeologists around the continent discovered other sites of

comparable antiquity containing stone tools with the same Clovis characteristics. A new consensus emerged: Asian migrants first came to North America around 13,000 BP. These migrants brought with them a common stone-working technology, of the sort found at Clovis. The Clovis people fanned out across the Western Hemisphere, and, within one or two millennia, their culture gave way to regionally specific cultural and stone-working traditions, like Folsom.

# EVIDENCE OF MIGRATION FROM SIBERIA TO NORTH AMERICA

BUT HOW DID ASIANS GET to North America? According to the long-standing consensus, they walked to Alaska—a region now separated from Siberia by 50 miles of ocean known as the Bering Strait. During the last Ice Age, with much of the world's water locked up in continent-straddling glaciers, ocean levels were far lower. Consequently, between around 25,000 BP and 15,000 BP, a now-submerged landmass called "Beringia" linked Alaska and Siberia. Following game onto and across Beringia, the first Americans gradually occupied this land and, over the course of many generations, some eventually moved east into what is now Alaska. For centuries massive glaciers blocked the way farther south. But geologists have argued that around 15,000 BP an ice-free corridor opened up along what is now the McKenzie River, east of the Canadian Rockies. Game animals and the people hunting them (with Clovis-point tools) eventually began to filter south, gradually emerging into the warmer and totally uninhabited lands of the present-day United States. This scenario enjoyed support for several decades, not only from geologists but also from some geneticists, who found that modern-day Native Americans diverged from Siberians perhaps 15,000 years ago.

Still, several provocative archaeological finds in Tennessee, Pennsylvania, Florida, and elsewhere suggested that humans had been living in the Americas longer—perhaps far longer. For example, a mastodon bone discovered in Washington State, some 800 years older than any Clovis site, had what seemed to be another bone embedded in it—perhaps from a projectile thrown by a human hunter. In the late 1970s researchers from Vanderbilt University discovered an ancient campsite dating to 14,600 BP at Monte Verde, Chile—a full millennium earlier than the oldest known Clovis tools. But the Monte Verde site was thousands of miles to the south and difficult to visit, dating techniques were open to multiple interpretations, and most archaeologists rejected these pre-Clovis claims. The standard story had endured for decades, and it would take incontrovertible evidence of earlier occupation to overthrow it.



# THE NEW CONSENSUS

FOR MOST ARCHAEOLO-GISTS, THAT INCONTRO-VERTIBLE evidence has finally arrived. A 2008 study demonstrated that fossilized human feces excavated from a cave in Oregon were more than 14,000 years old. In 2011, archaeologist Michael R. Waters (himself once a staunch "Clovisfirster") led a team that con-

firmed the antiquity of the mastodon bone from Washington State. They found that the invasive bone chip was indeed from another animal and had almost certainly been fashioned into a weapon by an ancient hunter. Most significantly, in 2011 Waters published yet another analysis of a site he excavated on Buttermilk Creek, outside of Austin, Texas. It revealed a typical collection of Clovis tools. But digging deeper into a layer of clay sediments, Waters and his colleagues found dozens of stone tools made with a strikingly different technique. Lacking the organic material necessary for radiocarbon dating, the team instead employed a newer dating technology called optically-stimulated luminescence that can determine when stone was last exposed to the sun by measuring light energy trapped in minerals. The results were remarkable: the oldest tools at the site dated to 15,500 BP.

Most specialists now acknowledge that humans arrived in the present-day United States at least 15,000-16,000 years ago, and that the Clovis stone-working tradition emerged here, long after they arrived. The "shattering" of the Clovis barrier has reinvigorated the study of ancient America, but there now seem to be more questions than ever. Previously excavated sites are being reopened and tested anew in light of the revised theories. A number of archaeologists insist that the earliest migrations took place 20,000 or even 40,000 years ago. Even these claims could soon be overthrown; astonishing new discoveries in Southern California suggest humans have been in North America for more than 130,000 years. Though many scholars still reject these very early dates, they now do so more tentatively, mindful of the way in which dogmatic loyalty to Clovis-first blinded the field to compelling evidence. And the controversy over dates has reopened the question of the routes Siberians first took into North America. Depending on the date of the first migration, immense glaciers may have made an overland route virtually impossible. For this reason archaeologists have become more interested in the possibility that the first arrivals came in small boats, gradually working their way down the Pacific coast.

Some of the most exciting developments in the study of ancient America are emerging from linguistics and genetics. Previous genetic research on the peopling of the Americas had compared present-day Native Americans and present-day Siberians by examining small regions of their respective genomes, usually Y chromosomes or mitochondrial DNA. These studies