

Contents

<i>Introduction</i>	xi
CHAPTER 1 <i>The Economic and Social Transformation</i>	1
THE REVOLUTION IN PRODUCTION	
<i>The New Agriculture • The Sweep of Industrialization • Construction, Transportation, Communication • The New Scale of Economic Enterprise</i>	
SOCIAL CONSEQUENCES OF INDUSTRIALIZATION	
<i>The Demographic Revolution • The Changing Role of Women • Urbanization and the Transformation of Society</i>	
CHAPTER 2 <i>The Intellectual and Cultural Climate</i>	27
THE ENDURING INFLUENCE OF THE CHRISTIAN CHURCHES	
MATERIALISM AND REALISM; NEW PRINCIPLES OF AUTHORITY	
<i>Faith in Science; Darwin and Darwinism • The Great Age of Classical Liberalism • Socialism; Marx and Marxism • Nationalism</i>	
VOICES OF PROTEST: NIETZSCHE	
THE ARTS	
<i>Popular and Official Art • Literature: Realism and Symbolism • Painting: Realism and Impressionism • Music: Romanticism and Nationalism</i>	

CHAPTER 3	<i>The Growing Powers of the State</i>	66
THE NEW DEMANDS UPON THE STATE		
<i>The Extension of Bureaucratic Government • The Army and the New Arsenal • Compulsory Education</i>		
IMPERIALISM		
CHAPTER 4	<i>The Disruption of the Concert of Europe</i>	77
LOUIS NAPOLEON AND THE NEW ASCENDANCY OF FRANCE		
<i>President and Parliament • The Coup d'État of 1851</i>		
THE CRIMEAN WAR, 1854–1856		
<i>The Conduct of the War • The Aftermath of the War</i>		
THE SECOND EMPIRE		
<i>Economic Policy • The Liberal Empire • Imperial Foreign Policy • The Fall of the Second Empire</i>		
CHAPTER 5	<i>The National Revolutions, 1850–1870</i>	101
THE HABSBURG EMPIRE		
<i>The Emancipation of the Peasants • Francis Joseph • The Schwarzenberg Government and the Bach System</i>		
THE UNIFICATION OF ITALY		
<i>Cavour • Cavour's Diplomacy • The War of 1859 and Its Aftermath • Garibaldi • Cavour and Garibaldi</i>		
THE UNIFICATION OF GERMANY		
<i>The Germanic Confederation and the Austro-Prussian Rivalry • Prussia to 1862 • The Constitutional Conflict in Prussia • Bismarck • Bismarck's Policies • The Polish Revolt • The Schleswig-Holstein Question • The Austro-Prussian War of 1866 • The End of the Constitutional Conflict in Prussia</i>		
THE FRANCO-PRUSSIAN WAR		

CHAPTER 6 *The Course of Reform: Great Britain and Russia*

145

GREAT BRITAIN IN THE MID-NINETEENTH CENTURY

Palmerston • Domestic Reforms Before 1867 • The Reform Bill of 1867 • Gladstone's First Ministry • Disraeli's Second Ministry • Gladstone's Second Ministry • Gladstone vs. Salisbury

RUSSIA AFTER 1850

Alexander II and the Problem of Reform • The Industrial Revolution in Russia • Revolutionary Ferment • Alexander III • Territorial Expansion

CHAPTER 7 *The New Governments, 1870–1890*

184

FRANCE, 1870–1890

The Beginnings of the Third Republic • The Constitution of 1875 • The Triumph of Parliamentarianism • The Republic of the Republicans • The Boulanger Crisis

ITALY TO 1890

The Problems of Unification • The Politics of Transformismo

THE HABSBURG EMPIRE TO 1890

The Creation of Austria-Hungary • Austria after the Ausgleich • Hungary after 1867

THE GERMAN EMPIRE, 1871–1890

The Kulturkampf • New Conflicts with the Liberals • New Political Combinations • State Socialism • The Succession Crisis and the Fall of Bismarck

CHAPTER 8 *The Search for a New International Stability, 1871–1890*

228

THE SEARCH FOR STABILITY IN EASTERN EUROPE

The First Three Emperors' League • The Balkan Crisis, 1875–1878 • The Congress of Berlin • The German-

Austrian Alliance of 1879 • The Second Three Emperors' League • Austria's Balkan Policy • The Problem of Bulgaria

THE SEARCH FOR STABILITY IN WESTERN EUROPE

Germany and France • The Triple Alliance of 1882 • The British Occupation of Egypt • Bismarck's Colonial Policy

THE CLIMAX OF BISMARCK'S ALLIANCE SYSTEM

A GOLDEN AGE OF HOPE

Suggestions for Further Reading 251

Index 261

Maps

The Crimean War	89
The Unification of Italy	118
The Unification of Germany	141
The Expansion of Russia	182
The Dual Monarchy	204
The Treaty of Berlin	234
Bismarck's Alliance System	247

Illustrations

Liebig's chemical laboratory (German Information Center)	3
Drawing and photograph of the internal combustion engine developed by Otto and Langen (Klöckner-Humboldt-Deutz AG)	5
The Bessemer process (The Bettmann Archive)	6
Victoria Station (Country Life)	8
Brunel, photographed beside the <i>Great Eastern's</i> anchor chain (Radio Times Hulton Picture Library)	9
The <i>Great Eastern</i> under construction (The Warder Collection)	10
The Paris-Bordeaux automobile run of 1895 (Daimler-Benz)	11
Birmingham in 1898 (British Industries)	14
Louis Pasteur (Roger-Viollet)	16
Petticoat Lane in 1890 (Radio Times Hulton Picture Library)	18
A German textile factory in the 1860's (Bildarchiv Preussischer Kulturbesitz)	20
<i>Aux Champs-Élysées</i> by Daumier (Liesel Bennett)	21
A tin mine in Cornwall (The Warder Collection)	24
A lodging house in London (The Mansell Collection)	26
Charles Darwin, photographed in 1854 (Down House)	35
Title page to <i>Das Kapital</i> , inscribed to Darwin (Down House and the Royal College of Surgeons of England)	39
Karl Marx and his wife Jenny von Westphalen (Karl Marx Haus, Trier)	42
The Bismarck monument in Hamburg (Inter Nationes)	45
The Goethe/Schiller monument in Weimar (Inter Nationes)	45
The ailing Nietzsche, photographed by Hans Olde (Nationale Forschungs- und Gedenkstätten der klassischen deutschen Literatur in Weimar—Goethe- und Schiller Archiv; Abk.: NFG/GSA)	48
"Abandoned," by Carl Carlsen (F. Bruckmann K.G. Verlag)	50
Clifton suspension bridge, Bristol (The Warder Collection)	53
Emile Zola, portrait by Manet (The Warder Collection)	55
Partial manuscript page from Dostoevsky's <i>The Possessed</i> . (The New York Public Library)	57
Courbet's <i>The Stonebreakers</i> (Roger-Viollet)	59
Manet's <i>Olympia</i> (Roger-Viollet)	60
Cézanne's <i>The Large Bathers</i> (Philadelphia Museum of Art. Purchased: The W. P. Wiltstach Collection, Accession #: W'37-1-1)	62
Hector Berlioz in his mid-fifties (Alliance Française)	63
A German view of British imperialism (Simplicissimus)	72
A German view of their own imperialism (Simplicissimus)	73
Louis Napoleon taking the oath of office (Alliance Française)	78
Group of 8th Hussars preparing a meal (Imperial War Museum, London)	85

The harbor of Balaclava (Imperial War Museum, London)	86
Florence Nightingale tending the sick (The New York Public Library)	87
Napoleon III, Empress Eugénie, and their son (Roger-Viollet)	92
The grand staircase of the new Paris opera house (Propyläen-Verlag)	94
The new Paris sewers (The Warder Collection)	94
Letter from Napoleon III to King William I (Ullstein Bilderdienst)	100
Francis Joseph of Austria and his brothers (Historisches Bildarchiv Handke)	107
Count Camillo Benso di Cavour (Ambasciata d'Italia, Bonn)	111
Giuseppe Garibaldi (Roger-Viollet)	115
King Frederick William IV of Prussia (Historisches Bildarchiv Handke)	122
Bismarck, 1859 (German Information Center)	127
A Prussian coastal battery at Almor (Ullstein Bilderdienst)	131
Helmuth von Moltke in his office in Berlin (Bildarchiv Preussischer Kulturbesitz)	134
King William I of Prussia proclaimed German emperor (Bildarchiv Preussischer Kulturbesitz)	143
The Crystal Palace in London (The Mansell Collection)	146
Queen Victoria and the Prince Consort (The Mansell Collection)	
Photo by Roger Fenton	147
Lord Palmerston (The Warder Collection)	149
Benjamin Disraeli (The Warder Collection)	153
An illustration from Dickens's <i>Nicholas Nickleby</i> (The Mansell Collection)	157
The Disraeli Cabinet, 1876 (The Mansell Collection)	160
Gladstone during a whistle-stop campaign (Gernsheim Collection, University of Texas at Austin)	162
William E. Gladstone shortly before his retirement (Radio Times Hulton Picture Library)	166
Alexander II in his study (The Warder Collection)	169
Sleeping berths for Russian laborers in a municipal lodging house, 1890 (MYSL)	172
Tsar Alexander III, his wife, and three of their five children (The Warder Collection)	179
Gambetta's flight from Paris (Bibliothèque Nationale)	185
Adolphe Thiers and his Council of Ministers, 1872 (Bibliothèque Nationale)	189
General Georges Boulanger (Roger-Viollet)	196
Victor Emmanuel II (The Mansell Collection)	199
Count Taaffe at his desk (The Warder Collection)	209
A court ball in Vienna (Österreichische Nationalbibliothek)	211
Emperor Francis Joseph and Dr. Karl Lueger (The Warder Collection)	212
Kálmán Tisza (Historisches Bildarchiv Handke)	215
Emperor William I and his sister at the spa of Ems (The Warder Collection)	217
"Bismarck as Wild Animal Trainer" (Bildarchiv Preussischer Kulturbesitz)	219
"Blown Up, But Not Blown Out" (Ullstein Bilderdienst)	226
The second Three Emperors' League (Ullstein Bilderdienst)	235
Construction of the Suez Canal (Roger-Viollet)	241
Bismarck, photographed shortly before his dismissal (Bundesarchiv, Koblenz)	249

- Affirmation Bill (1888; British), 163
- Afghanistan, 165, 181
- Africa, 242
- East, 243
- North, 30, 245
- South, 18, 165
- Southwest, 243
- Agricultural Holdings Act (1875; British), 161
- Agricultural tariff (1881; French), 194
- Agriculture
- competition in international, 13
- farm laborers, 24-25
- French, 194
- German, 223
- Hungarian, 213
- Italian, 202
- population growth and, 4, 15
- revolution in, 1-4
- Russian, 177
- women in, 20
- Alaska, 183
- Alexander II (Tsar of Russia; Tsar Liberator), 88, 168-70
- industrialization under, 176
- reforms under, 168-69
- revolutionary ferment under, 178
- serfs emancipated under, 170
- Alexander III (Tsar of Russia), 169, 178-80
- Alexander of Battenberg (Prince of Bulgaria), 237-38, 246
- Algeria, 70
- Alsace-Lorraine, 143-44, 186, 238, 244, 249
- Americas. *See* Latin America; North America
- Andrássy, Count Gyula, 203, 232
- Anglo-Austrian treaty (1878), 231
- Anglo-Russian agreement (1885), 181
- Anglo-Russian treaty (1878), 231
- Anglo-Turkish treaty (1878), 231
- Animal husbandry, growth of, 2
- Antisocialist law (1878; Prussian), 222-23
- Aquinas, St. Thomas, 28
- Architecture and engineering, 52-53
- bridges, 7, 52-53
- British, 52-53, 145, 146
- French, 53, 93-95
- See also* Public works
- Armaments, xii
- changes in, 67-68
- in Crimean War, 88
- Czech, 209
- in Franco-Prussian War, 100
- French, 95-96, 142
- Prussian, 95-96, 133, 135, 142
- smokeless powder for, 7
- Armed forces. *See* Armaments; Army; Navy
- Army
- effect of railroads on mobility of, 67-68, 133, 135
- growth of modern, xii, 67-68
- See also under specific nationalities:* French army; Prussian army; etc.
- Army Enlistment Bill (1870; British), 157
- Artisan's Dwelling Act (1875; British), 161
- Arts, the, realism in, 32-33. *See also specific art forms*
- Ashley, Lord (Anthony Ashley Cooper; 7th Earl of Shaftesbury), 150
- Auersperg, Prince Adolf, 207-8
- Ausgleich*, 205-12
- Austen, Jane, 54
- Austerlitz, battle of (1805), 80
- Australia, 70, 74, 75
- agriculturally competitive, 13
- emigration to, 18
- Austria, x, 27, 44
- after *Ausgleich*, 205-12
- Balkan policy of, 236-38
- and Crimean War, 91, 109, 110
- and France, 95, 98-99
- Austro-Prussian War and, 132-33, 136
- Franco-Prussian War and, 138, 140
- Habsburg empire. *See* Habsburg empire
- minorities problem in, 205-12
- and Polish Revolt, 129-30
- Prussia and, 123, 124, 220
- alliance, 233, 235
- Austro-French war, 98-99
- Franco-Prussian War, 138, 140
- and German alliance system, 244-50
- and Habsburg customs union, 109
- post-Franco-Prussian War, 206
- rivalry, 119-20
- Schleswig-Holstein question, 130-32
- war between, 132-37
- Roman Catholic Church in, 29, 102, 103, 108, 206, 208, 210
- Russia and, 82, 83, 110, 168, 179
- and Austro-Prussian War, 132, 136
- and Crimean War, 85, 88, 91
- and expansion of Russia, 181, 183
- and Habsburg customs union, 109
- Sardinian conflict with, 111-16
- in stabilization of Eastern Europe, 229-38
- in stabilization of Western Europe, 239
- and unification of Germany, 129
- and unification of Italy, 101, 111-17, 133, 199
- Austria-Hungary
- creation of, 202-3, 205
- effects of education on, 69
- nationalism in, 45-46
- Austrian army, 102, 135
- Austrian National Bank (later Austro-Hungarian National Bank), 106, 215
- Austro-British treaty (1878), 231
- Austro-Hungarian Empire, x, 184. *See also* Austria; Austria-Hungary; Habsburg empire; Hungary
- Austro-Prussian War (1866), 132-37, 205

- Austro-Rumanian alliance (1883), 237
 Authority, new principles of, 31-47
 Autocracy. *See* Habsburg empire; Russia
 Automobiles, 11
- Bach, Alexander von, 108-9, 202, 203
 Bach System, 108-10
 Bacteriology, 16-17
 Balkans, ix, x, 197
 - Crimean War and Russian control of, 82.
 - See also* Crimean War
 - crisis in (1875-1878), 230-31
 - stability of region, 229-38
- Ballot Act (1872; British), 158
 Balzac, Honoré de, 54
 Banks, founding of investment, 12
 Bardo, Treaty of (1881), 239
 Baudelaire, Charles, 57
 Bazaine, Gen. Achille, 142-43, 185
 Beaulieu, Pierre Leroy, 71
 Beethoven, Ludwig van, 48, 49
 Belgium, 71, 95, 99, 137, 142, 228
 Benedetti, Count Vincent, 139-40
 Berlin, Congress of (1878), 231-33, 238
 Berlin, Treaty of (1878), 232, 238
 Berlioz, Hector, 63, 65
 Beust, Count Ferdinand von, 205
 Birth rate, 15, 16
 Bismarck, Herbert von, 227
 Bismarck, Johanna von (Johanna von Puttkamer), 126
 Bismarck, Otto von, 119, 123-44, 158, 216-50
 - alliance system of, 244-50
 - Austro-Prussian War and, 132-33, 135-36
 - becomes prime minister, 123, 125
 - Boulangier compared with, 196
 - Bulgarian problem and, 237-38
 - colonial policy of, 241-44
 - at Congress of Berlin, 232
 - Egyptian crisis and, 240
 - end of constitutional conflict under, 136-37
 - European stability and, 228-31
 - fall of, 225-27
 - in Franco-Prussian War, 137-44, 185
 - German-Austrian alliance of 1879 and, 233, 235
 - German empire and, 216, 218-19
 - in conflict with liberals, 221-23
 - economic policies of, 223-24
 - Kulturkampf* and, 29-30, 219-20
 - state socialism and, 224-25
 - nature of policies of, 77
 - and Polish Revolt, 129-30
 - popularity of, in Austria, 206
 - Realpolitik* of, 32, 126-28, 227
 - relations with France, after Franco-Prussian War, 238
 - in Schleswig-Holstein issue, 130-32
 - and second Three Emperors' League, 235-36
 - Triple Alliance and, 239
- Bleak House* (Dickens), 157-58
 Boer War (1880), 165
 Bonaparte, Louis Napoleon. *See* Napoleon III
 Bonaparte, Napoleon. *See* Napoleon I
 Bonaparte, Prince Napoleon (cousin to Napoleon III), 113
 Boris Godunov (Mussorgsky), 65
 Borneo, 5
 Boulanger, Gen. Georges, 195-98, 244
 Boulangism, 196-98
 Bourgeoisie in Second Empire, 91-92. *See also* Middle class
- Boycott, Charles, 164
 Bradlaugh, Charles, 162
 Brahms, Johannes, 65
 Breech-loading guns, 67, 68, 88
 - in Austro-Prussian War, 133
- chassepot* as, 96, 142
 Bridges, 7, 52-53
 Britain. *See* Great Britain
 British army, 157
 Broglie, Achille Duke of, 191-92
Brothers Karamazov, The (Dostoevsky), 56
 Bruck, Karl Ludwig von, 109
 Bruckner, Anton, 212
 Brunel, Isambard Kingdom, 9, 53
 Bulgaria, x, 181, 230-33, 237-38, 244, 245
 Buol-Schauenstein, Count Karl Ferdinand von, 110
 Burckhardt, Jacob, 76
 Bureaucracy
 - British, reform and, 157
 - colonial, 75
 - French, 81
 - growth of, xii, 66-67
 - Habsburg, 102, 108-10, 202, 203
 - Prussian, 121, 122
 - Russian, 168, 169, 173-74, 180
- Burke, Thomas, 164
 Business enterprises, new scale of, 12-13, 224. *See also* Economy
- Cameroons, 243
 Canals, 8, 122
 Canning, George, 148
 Cape Colony, 70
 Capital demand, 12
 Capitalism. *See* Economy
 Castlereagh, Viscount (Robert Stewart), 32
 Catholic Church. *See* Roman Catholic Church
 Cavendish, Lord Frederick Charles, 164
 Cavour, Count Camillo Benso di, 32, 110, 200
 - and aftermath of Crimean War, 91, 112-13
 - emergence of, 77
 - Garibaldi and, 117-19
 - and unification of Italy, 111-16
- Cecil-Gascoyne, Robert Arthur Talbot (3rd Marquis Salisbury), 165-68, 232, 238
 Cézanne, Paul, 61
 Chamberlain, Joseph, 162, 166
 Chambord, Henry Count of, 186, 189-90, 195
 Changarnier, Gen. Nicolas, 80
 Charles X (King of France), 186
Chassepot (rifle), 96, 142
 Chaucer, Geoffrey, 54
 Chemical industry
 - fertilizers from, 2-3, 7
 - German, 224
 - rise of, 3
- Chemistry, 3
 China, 181, 183
 - British-French cooperation over, 97
 - Christian missionaries in, 30
 - European imperial expansion and, 74
 - Marxist doctrine in, 43
- Christian churches, 27-31
 - Darwinism and, 36
 - imperialism and, 72-73, 75-76
 - See also* Protestantism; Roman Catholic Church
- City planning, 93-95
 Class struggle, 40-42. *See also* Social classes
 Coal

- as energy and power source, 4, 5
- French production of, 93, 194
- Coal-mining machines, 4, 6
- Cobden, Richard, 151
- Cobden-Chevalier trade treaty (1860), 95
- Colonies (colonialism). *See* Imperialism
- Colonization, 71, 73
- Commune (Paris; 1870), 186-88, 193
- Communication, revolution in, 7, 11-12. *See also* News; Telegraph
- Compulsory military service, xii, 68
- Comte, Auguste, 34
- Concert of Europe, disruption of, ix-x, 77-100, 229
- Concordat of 1855, 108, 206
- Concrete (building material), 7
- Congo area, 242
- Constitutional government. *See* Parliament; and specific countries
- Construction, new era of, 7. *See also* Architecture and engineering; Public works
- Convention of Gastein (1865), 132, 133
- Corporations, 12, 224. *See also* Economy
- Corti, Count, 232
- Cottage industries, 19, 175
- Council of Trent (1545), 28
- Courbet, Gustave, 32, 58, 59, 61
- Credit, expansion of, 12, 92-93
- Crédit Foncier, 93
- Crédit Mobilier, 93, 106
- Crime and Punishment* (Dostoevsky), 56
- Crimean War (1854-1856), x, 81-91, 148, 151, 168, 180
 - aftermath of, 88, 90-91
 - Austria and, 91, 109, 110
 - background to, 81-83
 - Sardinia and, 91, 112, 113
 - serf-soldier in, 170
 - start of, 83-84
 - strategy in, 85-88
 - and west coast of North America, 183
- Crispi, Francesco, 201
- Cromwell, Oliver, 97
- Crop rotation, 1-3
- Cultural imperialism, 75-76. *See also* Imperialism
- Cultural nationalism, 46
- Customs union (*Zollverein*), 109, 120, 122, 123
- Cyprus, 161, 231, 232
- Czech nationalists, 207-9, 210
- Danish War (1864), 130-32, 136, 149, 150, 203
- Darwin, Charles, 33-36, 39-40
- Das Kapital* (Marx), 40
- Deák, Ferenc, 203
- Death rate, 16
- Democracy. *See* Parliament; and specific countries
- Demographic revolution, 14-19. *See also* Migrations; Population growth
- Denmark, 120
 - in Schleswig-Holstein issue, 130-32, 136, 149, 150, 203
- Depressions (economic), 13
 - in Austria, 109, 208
 - European, 161
 - in France, 194-95
 - in Germany, 223
 - in Great Britain, 161, 162
 - in Italy, 201
- Depretis, Agostino, 200-202
- Derby, 14th Earl (Edward George Stanley), 152, 154
- Dickens, Charles, 52-54, 156-58
- Disease, revolution in control of, 15-17
- Disestablishment Act (1869; British), 155, 158
- Diskonto-Gesellschaft (Austrian bank), 106
- Disraeli, Benjamin (Earl of Beaconsfield), 148
 - at Congress of Berlin, 232
 - first ministry of, 152-54
 - on Franco-Prussian War, 228
 - on Gladstone, 158
 - second ministry of, 159-62
- Dostoevsky, Fëdor, xiii, 56, 57
- Dynamite, invented, 7
- East Africa, 243
- Economy
 - Austrian, 106, 207, 209
 - British, 146
 - contributions to economic nationalism, 13, 72
 - credit and, 12, 92-93
 - French, 92-96, 194-95
 - German, 120, 122-23, 223-24, 243
 - of Hungary, 213-15
 - Italian, 201, 202
 - new scale of enterprises, 12-13, 224
 - Sardinian, 112
 - See also* Depressions; Imperialism; Industrialization; International trade; Mining; Railroads; Social classes
- Edison, Thomas A., 6
- Education
 - British, 23, 69, 156-57
 - compulsory, 68-69, 206
 - French, 69, 193
 - Hungarian, 213
 - nationalism and, 69
 - Russian, 179-80
 - spread of technical and agricultural schools, 3
 - of women, 23
- Education Act (1870; British), 156
- Egypt, 74, 165, 240-41, 245
- Eiffel, Gustave, 53
- Electricity, 5-6
- Emancipation edict (1861; Russian), 171-72
- Emigration, 18-19
 - misery resulting from, 23
- Employers and Workmen Bill (1875; British), 160
- Employers' Liability Act (1880; British), 163
- Engels, Friedrich, 39
- England. *See* Great Britain
- Eugénie (Empress of the French; Eugénie de Montijo), 91, 140
- Factories Act (1850; British), 151
- Factory Act (1872; Hungarian), 214
- Factory Act (1875; British), 160
- Falk, Adalbert, 223
- Faraday, Michael, 5
- Farming implements, 2. *See also* Agriculture
- Farm laborers, 24-25
- Feminist movement, 22-23
- Ferdinand of Saxe-Coburg (Prince of Bulgaria), 248
- Ferry, Jules, 238, 242, 244
- Fertilizers, 2-3, 7
- Finland, 82, 84
- First Mediterranean Agreement (1887), 245-46
- First World War (1914-1918), 75, 181, 183

- Flaubert, Gustave, 32-33, 55-56
 Förster-Nietzsche, Elizabeth, 47
 Fould, Achille, 95
 France, ix, x, 44, 137
 Austria and, 95, 98-99
 and Austro-Prussian War, 132-33, 136
 and Franco-Prussian War, 138, 140
 Boulangier crisis in, 195-98
 Commune, 186-88, 193
 constitution of 1875 in, 190-91
 coup d'état in (1851), 80-81
 in Crimean War. *See* Crimean War
 education in, 69, 193
 franchise in, 22, 185-86
 Germany and. *See* Germany, France and
 Great Britain and, 95, 148, 149
 France compared as industrial power, 194
 and Franco-Prussian War, 138, 140, 142
 improved relations, 97
 See also Crimean War
 imperial expansion of, 70-71, 74
 Italy and, 140, 201
 and unification of Italy, 112-17, 199
 nationalism in, 98
 Near East policy of, 83
 new ascendancy of, 77-81
 new government in (Third Republic period), 184-90
 parliamentarism in, 191-95. *See also*
 Parliament, French
 and Polish Revolt, 129-30, 203
 population growth in, 14, 15
 Roman Catholic Church in, 29, 79-80, 193, 197-98
 Second Empire. *See* Napoleon III
 in stabilization of Eastern Europe, 231-33, 236
 in stabilization of Western Europe, 238-44
 supports association of science and business, 12-13
 waning of power of, 72
 women fail to win suffrage in, 22
 Franchise
 Austrian, 206, 207
 British, 150-54, 158
 French, 22, 185-86
 German, 150
 Francis II (King of Naples and Sicily), 116-17
 Francis Joseph I (Emperor of Austria), 106-8, 202, 203, 205
 Franco-British trade treaty (1860), 151
 Franco-Italian trade treaty (1887), 201
 Franco-Prussian War (1870-1871), 36, 68, 100, 119, 137-44, 206
 armaments and defeat of France in, 96
 end of, 184-86, 188
 Frankfurt, Peace of (1871), 143-44, 186
 Frederick II (the Great; King of Prussia), 101
 Frederick William (later Frederick III, Emperor of Germany), 125, 242
 Frederick William IV (King of Prussia), 82, 121-24
 Free enterprise. *See* Economy
 Free trade, imperialism of, 70-71. *See also*
 Imperialism; International trade
 French army, 81, 95-96, 100, 142, 196
 French Guinea, 243
 French Revolution (1789), ix, 104
 Freud, Sigmund, 48, 212
 Furniture, Victorian, 51
 Gambetta, Léon, 184-85, 192, 195
 Gambia, 70
 Garibaldi, Giuseppe, 104, 115-19, 250
 Gatling guns, introduced, 67
 Genesis, Book of, 27, 35
 German-Italian alliance treaty (1866), 133
 Germany, ix
 antisocialist campaign in, 221-23
 Austria and. *See* Austria, Prussia and
 climax of alliance system of, 244-50
 colonial policy of, 241-44
 France and, 220
 competing, 223
 France compared as industrial power, 194
 and German alliance system, 244-50
 and Schleswig-Holstein question, 131
 and unification of Germany, 129
 and War of 1859, 114
 and war of revenge against Germany, 195-97
 See also Franco-Prussian War
 imperial expansion of, 71, 74-75
 nationalism in, 44, 46, 47, 64, 144, 249-50
 new empire, x, xii
 parliaments. *See* Parliament, German Confederation; Parliament, German empire
 Prussian dominance of, 216-27. *See also*
 Prussia
 Roman Catholic Church in, 29-30, 219-20
 Russia and, 82, 83, 120, 168, 179
 and expansion of Russia, 183
 See also Poland
 social Darwinism and, 36
 and stability of Eastern Europe, 229-38
 and stability in Western Europe, 238-44
 state socialism in, 224-25
 supports association of science and business, 12-13
 trade with, 95
 unification of, x, 44, 98, 119-37, 184, 228
 anti-German coalition, 228-29
 Habsburgs and, 101
 Second Empire and, 99, 100
 waning of power of, 72
 and War of 1859, 114
 Gladstone, William Ewart, 151, 154-68, 230
 Bismarck's colonial policy and, 242
 and British occupation of Egypt, 240-41
 as defender of imperialism, 147-48
 Disraeli and, 152, 160
 in election campaign of 1880, 161-62
 first ministry of, 154-59
 and Franco-Prussian War, 140, 142
 fourth ministry of, 167
 Salisbury vs., 165-68
 second ministry of, 162-65
 third ministry of, 166
 Goethe, Johann Wolfgang von, 48, 49
 Goluchowski, Count Agenor von, 202
 Gorchakov, Prince (Aleksandr Mikhailovich), 90, 232
 Gordon, Gen. Charles George (Gordon Pasha), 165
 Government. *See* Parliament; State, the; and
 specific countries
 Great Britain, ix-xii
 and Austro-Prussian War, 132
 competing with Germany, 223, 224
 education in, 23, 69, 156-57
 France and, 95, 148, 149
 France compared as industrial power,

- 194
 and Franco-Prussian War, 138, 140, 142
 improved relations, 97
 and German alliance system, 244-50
 imperial expansion of, 71, 74, 75
 Ireland and. *See* Ireland
 lack of state intervention in economy in, 13
 Mexico and, 99
 parliament of. *See* Parliament, British
 and Polish Revolt, 129-30, 203
 Protestants in, 30, 155, 156, 158
 reform in, 145-68
 Russia and, 149, 165
 Russia opposed by, 82-83
 Russian expansion and, 181, 183
 See also Crimean War
 and Schleswig-Holstein issue, 131
 in stabilization of Eastern Europe, 231-33, 236, 237
 in stabilization of Western Europe, 238-44
 women fail to win suffrage in, 22
 Greece, x, 72, 148
 Gramont, Antoine Alfred Duke of, 139-40
 Gregory I (Pope), 28
 Grévy, Jules, 196
 Grimm, Jacob, 46
 Grimm, Wilhelm, 46
 Grooved-bore rifles, introduced, 67
 Guizot, François, 69
- Habeas Corpus Act (British), 164
 Habsburg army, 102
 Habsburg empire, 101-10
 bureaucracy under, 102, 108-10, 202, 203
 creation of Austria-Hungary, 202-3, 205
 culture in, 102, 103
 disruptive forces in, 103-4
 emancipation of peasants and industrialization in, 105-6
 Francis Joseph I as ruler of, 106-8
 history of, 101-2
 industrialization in, 105-6
 legal reform in, 108-9
 nationalism in, 103-6
 Roman Catholic Church in, 29, 102, 103, 108, 120, 206, 208, 210
 Schwarzenberg government and Bach System in, 108-10
 and unification of Italy, 101, 110, 112, 116, 117, 133, 199
 unifying forces of, 102-3
 See also Austria; Austria-Hungary; Austro-Hungarian Empire; Hungary
 Hall-Héroult electrolytic process, 7
 Harbor development, French, 93, 100
 Harrows, improved, 2
 Hartington, Lord (Victor Christian William Cavendish; 9th Duke Hartington), 166
 Haussmann, Baron Georges Eugène, 93
 Helmholtz, Hermann von, 34
 Herder, Johann Gottfried von, 46
 Herzen, Alexander, 177
 Hitler, Adolf, 212
 Hohenwart, Count Karl Sigismund von, 206-7
 Holland, ix, 94, 228
 Home Rule bill (1886; Irish), 166, 167
 Hong Kong, 70
 Household gadgets, 7
 Hugo, Victor, 78
 Hungarian army, 214
 Hungary, ix, x, 82, 168
 after *Ausgleich*, 212-16
 Austria-Hungary created, 202-3, 205. *See also* Austria-Hungary
 and Franco-Prussian War, 140
 Habsburg taxation resisted by, 109
 nationalism in, 44
 nationalities problem in, 213
 parliament in, 212-13
 revolt in, 104
- Ignatiev, Nicholas, 179
 Immunization, 17
 Imperialism, 200
 cultural, 75-76
 German colonial policy, 241-44
 growth of, 70-76
 nationalism and, 71, 76
 popular press and, 52
 social Darwinism and, 36
 and stability of Eastern Europe, 229-38
 and stability of Western Europe, 238-44
 Impressionism, 60-62
 Incandescent light, 6
 India, 70, 181
 Indochina, 70, 243, 244
 Industrialization, xi, 1-26
 development of machines and power sources for, 4-7
 European imperialism and world, 75
 French, 93
 in Habsburg empire, 105-6
 in Hungary, 213
 in Russia, 174-77
 social consequences of, 14-26
 sweep of, 4-7
 Industrial Revolution. *See* Industrialization
 Industrial workers. *See* Working class
 Intellectual climate, 27-65
 arts, 49-65
 Christian churches, 27-31. *See also* Protestantism; Roman Catholic Church
 new principles of authority in, 31-47. *See also* State, the
 voices of protest in, 47-49
 Internal combustion engines, 4-5
 International conference on African matters (Berlin; 1884-1885), 242
 International trade
 British, 151
 colonies and, 74-75
 flourishing, 13
 Habsburg, 109
 and imperialism, 70-71. *See also* Imperialism
 in Second Empire, 95
 Inventions, spread of, xii, 4-12
 Ireland, ix, x
 franchise reform for, 153-54
 home rule for, 166, 167
 industrialization and, 17
 nationalism in, 45
 potato and, 2
 resistance to British rule in, 155-56, 163-65
 Roman Catholic Church in, 29, 155
 Irish Land Act (1870; British), 155, 163, 164
 Irish Land Act (1881; British), 164
 Iron
 ore-mining machines, 6
 production of, in Germany, 223
 in ship construction, 10
 Italian army, 199
 Italy, ix, x
 France and, 140, 201
 and unification of Italy, 112-17, 199

Italy (*continued*)

- and German alliance system, 245
- imperial expansion of, 71
- industrialization and, 17
- nationalism in, 28, 29, 44, 64, 110, 198–200
- parliament in, 200–202
- Roman Catholic Church in, 28, 29, 198–200
- and stability of Eastern Europe, 229, 230, 232
- and stability of Western Europe, 238, 241
- trade with, 95
- trasformismo* in, 200–202
- unification of, x, 110–19, 133
 - civil war, 199
 - Habsburgs and, 101, 110, 112, 116, 117, 133, 199
 - and Lombardy, 104
 - problems of, 198–202
 - Second Empire and, 98–100
 - unified, 184

Japan, 30, 70, 183

- Joseph II (Emperor of Austria), 105, 108
- Juárez, Benito, 99–100
- Judicature Act (1873; British), 157
- Julius Caesar, 48
- Junker* (Prussian aristocracy), 121, 126, 128

Karl Anton of Hohenzollern-Sigmaringen (Prince), 139

- Khartoum massacre (1885), 165
- Kilmainham Treaty (1882), 164
- Koch, Robert, 16, 17
- Königgrätz (Sadowa), battle of (1866), 135, 137
- Koestler, Arthur, 16
- Kohn, Hans, 46
- Kossuth, Francis, 215
- Kossuth, Louis, 215
- Krupp, Alfred, 135

Labor. *See* Peasants; Trade unions; Working class

- Lagos, 70
- Laissez-faire, 13, 38
- Land use, new methods of, 2
- Langensalza, battle of (1866), 135
- Latin America, 18, 70, 74, 116
- Lavoisier, Antoine, 34
- Legislation. *See* specific acts
- Leo XIII (Pope), 28, 29, 198, 220
- Leopold of Hohenzollern-Sigmaringen (Prince), 138–39
- Liberalism, 36–38
- Liebig, Justus von, 3
- Lincoln, Abraham, 171
- Literature, 52–58
- Local Government Act (1888; British), 167
- London, treaty of (1852), 130
- Loris-Melikov, Mikhail, 178, 179
- Louis XIV (King of France), 144
- Louis Philippe (King of France), 93, 186
- Loves of a Harem, The* (Reynolds), 52
- Lueger, Karl, 211–12
- Luxembourg, 99, 137

MacMahon, Marshal Marie Edmé de, 142, 189, 191–92

- Madame Bovary* (Flaubert), 55
- Magenta, battle of (1859), 114, 189
- Magne, Pierre, 95

Mahler, Gustav, 212

- Mails, 11
- Malay states, 70
- Mallarmé, Stéphane, 58
- Malthus, Thomas, 15
- Manet, Édouard, 33, 59–61
- Manufacturing, development of, 4–7. *See also* Industrialization
- Marquesas Islands, 70
- Married Women's Property Act (1870; British), 22
- Marx, Karl, 34, 38–43, 48, 187
- Marxism, 38–43
 - Bismarck's policies compared with, 243
 - in China, 43
 - imperialism and, 76
 - in Russia, 43, 177–78
- Mass movements, cities and, 26
- Mass production
 - development of, 4, 7
 - mass taste and, 50
 - See also* Industrialization
- Materialism, 31–47
- Maximilian (Archduke of Austria and Emperor of Mexico), 99–100
- May Laws (1873; Prussian), 220, 223
- Mazzini, Giuseppe, 46, 98, 116, 200
- Medical revolution, 15–17
- Meistersinger von Nürnberg, Die* (Wagner), 64
- Merchant Shipping Act (1875; British), 161
- Metternich, Prince Klemens von, x, 32, 104
 - Bach compared with, 108
 - dissolution complex of, 104
- Metz, siege of (1870), 142, 143, 185
- Mexico, 70, 97, 99–100, 132, 137
- Michelangelo Buonarroti, 48, 49
- Middle class
 - attitudes of, 31–32
 - Austrian, 106, 109
 - British, 150, 152–53
 - German, 137
 - Russian, 177–78
- Migrations, 17–19
 - nationalism and, 44–45
- Military power, European, 74. *See also* Armaments; Army; Navy; and under specific nationalities: Hungarian army; Prussian army; etc.
- Mill, John Stuart, 22, 153
- Mines (armament), invented, 68
- Minié breech-loading rifles, 88
- Mining, 68
 - development of, 4–7
 - French, 93, 194
 - machinery for, 4, 6, 7
 - Russian, 176
- Mir* (Russian village communes), 171–72
- Missionaries, Christian, 30–31
- Mitrailleuse*
 - in Franco-Prussian War, 142
 - introduced, 67
- Moltke, Gen. Helmuth von, 125, 134–35
- Monet, Claude, 61
- Monetary system, 13
- Montenegro, x, 44, 232
- Montijo, Eugénie de (Empress Eugénie), 91, 140
- Music, 63–65
- Mussolini, Benito, 200, 201
- Mussorgsky, Modest, 64–65

Napoleon I (Emperor of the French), 77, 100
abdicates, 91

- Austerlitz victory of, 80
 Bismarck compared with, 127, 128
 bureaucracy perfected by, 81
 Habsburgs defeated by, 101
 Napoleon II (son of Napoleon I), 91
 Napoleon III (Louis Napoleon Bonaparte; Emperor of the French), x, 91-101, 190
 Bismarck and, 132-33
 court style under, 91-92
 Disraeli compared with, 159, 160
 economic policy of, 92-96
 Flaubert exiled by, 32-33
 foreign policy of, 97-101
 Palmerston and, 149
 War of 1859 and, 114-15
See also Crimean War; Franco-Prussian War; Italy, unification of
 influence of, 152
 isolation of France under, 90
 liberalism and, 96-97
 MacMahon compared with, 191
 as president, 77-81
 coup of 1851, 80-81
 Roman Catholic Church and, 29, 79-80
 National Bank (Austrian), 109
 Nationalism, 43-47. *See also specific countries*
Natural and Social History of a Family under the Second Empire, A (Zola), 54
 Natural gas, as energy source, 4
 Navy
 effects of Crimean War on, 88
 growth of modern, 68
 ships. *See* Ships
 Netherlands, 14, 95, 228
 New Caledonia, 188
 New Guinea, 243
 News
 machinery and communication of, 11-12
 popular taste and, 51-52
 Newton, Sir Isaac, 33
 New Zealand, 18, 70
 Nicholas I (Tsar of Russia), 88, 109, 170, 175
Nicholas Nickleby (Dickens), 156
 Nietzsche, Friedrich, xiii, 47-49, 56
 Nightingale, Florence, 22, 87
 Nikolsburg, Peace of (1866), 136
 Nobel, Alfred, 7
 North Africa, 30, 245
 North America
 emigration to, 18
 white settlers expand in, 70, 74
 Offenbach, Jacques, 92
 Official art, 49-54
 Oil, discovery of, 4-6
 Oil-drilling machines, 4, 6
 Ollivier, Emile, 97, 140
 Olmütz, Treaty of (1850; Humiliation of Olmütz), 123
 "Olympia" (Manet), 59-60
On the Origin of Species by Means of Natural Selection (Darwin), 35
 Orthodox Church, Russian, 30
 O'Shea, Kitty, 167
 Ottoman Empire. *See* Turkey
 Overpopulation, 15. *See also* Population growth
 Pacifico, Don, 148
 Painting, 58-62
 Palmerston, 3rd Viscount (Henry John Temple), 84, 152
 on Crimean War, 84
 ministry of, 148-50
 Salisbury compared with, 165
 Panama Canal, 198
 Paris (France), rebuilt, 93-95
 Paris, Count of (Louis Philippe Albert d'Orléans), 186
 Paris, Treaty of (1856), 88, 90, 113, 142, 180
 Paris Commune (1870), 186-88, 193
 Parliament
 Austrian, following *Ausgleich*, 206, 207, 209-10
 British, xi-xii, 145, 147
 Disraeli and, 159-61
 Gladstone and, 154-59, 162-64, 166-68
 Palmerston and, 148, 150
 Reform Bill of 1867 and, 151-54
 Salisbury and, 165
See also Franchise
 French, 191-95
 Second Empire and, 96
 Second Republic and, 79-80
 Third Republic and, 186-87, 190-92, 195
 German Confederation
 Austro-Prussian War and, 133
 Schleswig-Holstein question and, 130, 132
 German empire, 217-18, 221-22, 224-26
 Hungarian, 212-13
 Italian, 200-202
 Prussian, 123-25
 Bismarck and, 128-29, 136-37
 Russian, Dumas, 174
 Sardinian, 113
 Parnell, Charles Stewart, 163-64, 166, 167
 Pasteur, Louis, 16, 17
 Paxton, Joseph, 53
 Peasants
 German, 137
 Hungarian, 213-14
 Italian, 117, 199
 serfs emancipated, 18, 19, 105-6, 170-76
 Peel, Sir Robert, 147, 151
 Peter the Great (Tsar of Russia), 82
 Pius IX (Pope), 27, 28, 198, 220
 Plevna, battle of (1877), 230
 Plimsoll, Samuel, 161
 Plombières agreement (1858), 113-15
 Pneumatic tires, invented, 10
 Pobedonostsev, Konstantin, 178-79
 Poland, ix, 82, 84, 98, 168, 183
 independence for, 90
 Polish Revolt, 104, 129-30, 203
 Roman Catholic Church and, 29
 Second Empire and, 98
 Political organization. *See* Parliament; State, the; and *specific countries*
 Popular art, 49-54
 Population growth, xi, 14-19
 agricultural revolution and, 4, 15
 Europe, 14
 of Habsburg Empire, 103
 Russian, 177
 Portland cement, 7
 Portugal, 70, 242
Possessed, The (Dostoevsky), 56
 Prague, Peace of (1866), 136
 Pretoria, Treaty of (1881), 165
 Printing presses, 11
 Proletariat. *See* Working class
 Property rights for women, 22-23
 Protestantism, 30-31, 103
 British, 30, 155, 156, 158
 German (Prussian), 120
 Prussia
 Austria and. *See* Austria, Prussia and

- Prussia (*continued*)
 under Bismarck. *See* Bismarck, Otto von
 bureaucracy in, 81
 constitutional problems in, 123–25, 128–29,
 136–37
 and Crimean War, 90
 and Denmark, over question of Schleswig-
 Holstein, 130–32, 136, 149, 150, 203
 dominates Germany, 216–27. *See also* Ger-
 many
 parliament of. *See* Parliament, Prussian
 public works in, 122–23
 railroads of, 122–23, 133, 135
 rise of, 121–25
 Russia and, 82, 83, 120, 168, 179. *See also*
 Poland
- Prussian army, 67, 124, 125, 133–36, 140
 general staff of, 134–35
- Public Health Act (1875; British), 161
- Public works, 7
 British, 52–53, 145, 146
 French, 53, 93–95
 Habsburg, 109
 Prussian, 122–23
 Sardinian, 112
See also Architecture and engineering; Rail-
 roads
- Puttkamer, Johanna von (Johanna von Bis-
 marck), 126
- Quanta cura* (papal encyclical), 28
- Racism, 36, 207
- Raglan, 1st Baron (Fitzroy James Henry Som-
 erset), 87
- Railroads
 agriculture and, 13
 built by colonial powers, 75
 in Crimean War, 88
 development of, 8–11
 effects on armies' mobility, 67–68, 133, 135
 French, 93, 100
 German, 223
 Habsburg, 109
 Italian, 201
 Prussian, 122–23, 133, 135
 Russian, 175
- Realism, 31–47
 of Bismarck, 32, 126–27, 227. *See also* Bis-
 marck, Otto von
 in literature, 54–58
 in painting, 58–60
- Reapers (threshing machines), 2
- Redistribution bill (1885; British), 163
- Reformation, 101
- Reform Bill (1832; British), 148–49, 152
- Reform Bill (1867; British), 147, 151–54
- Reform Bill (1884; British), 163
- Refrigeration, invented, 9
- Reichbank (German bank), 223
- Reinsurance Treaty (1887), 246, 248
- Religion, imperialism and, 72–73. *See also*
 Christian churches; Protestantism; Ro-
 man Catholic Church
- Renoir, Auguste, 61
- Repeater rifles, introduced, 67
- Rerum novarum* (papal encyclical), 29
- Reynolds, G. W. M., 52
- Rhineland, 99, 121, 132, 133
- Richelieu, Cardinal (Louis François Ar-
 mand de Vignerot du Plessis), 127, 161
- Rifled cannons in Austro-Prussian War, 135
- Rifled guns, introduced, 67, 68
- Rimsky-Korsakov, Nikolai, 65
- Risorgimento, II* (Italian newspaper), 111
- Roads, improved, 7, 8. *See also* Railroads
- Rocroi, battle of (1643), 144
- Roman Catholic Church, 27–31
 in Austria, 29, 120, 206, 208, 210
 in France, 29, 79–80, 193, 197–98
 in Germany, 29–30, 219–20
 Habsburgs and, 29, 102, 103, 108, 120, 206,
 208, 210
 in Ireland, 29, 155
 in Italy, 28, 29, 198–200
- Romanticism in music, 63–65
- Roon, William Albrecht von, 124–25
- Rosebery, 5th Earl (Archibald Philip Prim-
 rose), 72, 167
- Rothschild (family), 106, 161
- Rumania, x, 44, 72, 232, 237, 245
 formed, 83
- Ruskin, John, 51
- Russell, Lord John, 84, 151, 154
- Russia, x, xiii, 44
 agriculturally competitive, 13
 Austria and, 82, 83, 110, 168, 179
 and Austro-Prussian War, 132, 136
 and Crimean War, 85, 88, 91
 and expansion of Russia, 181, 183
 and Habsburg customs union, 109
 bureaucracy of, 168, 169, 173–74, 180
 emigration, 18
 European opposition to, 81–83. *See also*
 Crimean War
 fear of, 81–82
 and Franco-Prussian War, 138, 140, 142
 and German alliance system, 244–50
 Germany, Balkan tensions and, 197
 Great Britain and, 149, 165
 Russia opposed by, 82–83
 Russian expansion and, 181, 183
See also Crimean War
 imperial expansion of, 70, 71, 74, 75, 180–
 83
 Marxist doctrine in, 43, 177–78
 music in, 64–65
 nationalism in, 180–81
 oil discovery in, 5
 Orthodox Church in, 30
 parliament in, 174
 Poland and. *See* Poland
 potato in, 2
 Prussia and, 82, 83, 120. *See also* Poland
 reform in, 168–83
 repression in, 145
 rise of, 72
 Sardinia and, 112
 and Schleswig-Holstein question, 131
 serfs freed in, 18, 19, 170–76
 and stability of Eastern Europe, 229–33,
 235–38, 244
 and stability of Western Europe, 239
 Turkey and. *See* Turkey, Russia and
 Russian army, 173–74
- Sadowa. *See* Königgrätz
- Saint-Simon, Henri de, 92
- Sale of Food and Drugs Act (1875; British),
 161
- Salisbury, 3rd Marquis (Robert Arthur Talbot
 Cecil-Gascoyne), 165–68, 232, 238
- San Stefano, Treaty of (1878), 230–33
- Sardinia, 98, 99, 104
 Austrian conflict with, 111–16
 Crimean War and, 91, 112, 113
 parliament of, 113
 and unification of Italy, 110–15, 117–19,
 184

- Scandinavia, 228
 Schäffle, Albert, 207
 Schmerling, Anton von, 203
 Schnitzler, Arthur, 212
 Schools. *See* Education
 Schwarzenberg, Prince Felix zu, 77, 82, 108–10
 Science
 faith in, 33–36
 impressionists and, 60, 61
 influence on artists, 54
 reaction to obsession with, 56
 realism in, 32
 Scotland, 30, 153–54
Seamstress; or, The White Slave of England, The (Reynolds), 52
 Second Empire. *See* Napoleon III
 Second Republic. *See* France; Napoleon III
 Second Mediterranean Agreement (1887), 248
 Second World War (1939–1945), 183
 Sedan, battle of (1870), 142, 243
 Seeley, Sir John, 72
 Serbia, 4, 44, 232, 236–38, 245
 Serfs, emancipation of, 18, 19, 105–6, 170–76. *See also* Peasants
 Seurat, Georges, 61–62
 Sevastopol, siege of (1854), 86–88
 Sewing machines, invented, 6–7
 Shakespeare, William, 49
 Ships
 building of, 10, 68, 109
 steamships, 9–10
 in Crimean War, 88
 French, 93
 Shuvalov, Count Peter, 232
 Sicily, 116–17, 184
 Siemens, Werner von, 6
 Sierra Leone, 70
 Simon, Jules, 191
 Sinop, battle of (1853), 83–84
 Sino-Russian treaty (1881), 181
 Social classes
 art and, 51
 industrialization and changes in, 25
 struggle of, 40–42
 See also Bourgeoisie; Middle class; Peasants; Working class
 Socialism, 38–43
 development of, 25–26
 Roman Catholic Church and, 28, 29
 See also Marxism; State socialism
 Socrates, 49
 Solferino, battle of (1859), 114
 South Africa, 18, 165
 Southwest Africa, 243
 Spain, ix, 70, 95, 99, 138–39
 State, the
 as chief Russian entrepreneur, 175
 1873 depression and intervention of, in economic affairs, 13
 growing powers of, xii–xiii, 66–76
 and growth of imperialism, 70–76
 indoctrination used by, 45–46
 and new business enterprises, 12–13, 224
 new demands on, 66–69
 and social remedies to abuses of industrialization, 25
 support by, of spread of agricultural and technical schools, 3
 See also Bureaucracy; and specific countries
 State socialism
 in Austria, 207
 in France, 92
 in Germany, 222–25
 Steam engines, 4. *See also* Railroads
 Steamboats. *See* Ships
 Steel
 production of, in Germany, 223
 mass production of, 7
 in ship construction, 10, 68
 Steel plows, 2
 Stendhal (Henri Beyle), 54
 Stolypin, Peter, 173
 “Stonebreakers, The” (Courbet), 59
 Stratford de Redcliffe, 1st Viscount (Sir Stratford Canning), 84
 Strauss, Johann, 212
 Streetcars, electric, 10
Studies on Homer and the Homeric Age (Gladstone), 155
 Submarines, invented, 68
 Sudan, 165
 Suez Canal, 93, 161, 230, 231, 240–41
 Sweden, 95, 131, 183
 Switzerland, 95, 228
Sybil; or, The Two Nations (Disraeli), 160
Syllabus of Errors (addendum to papal encyclical), 28
 Symbolism, 56–58
 Taaffe, Count Eduard von, 208–10
 Tahiti, 70
 Talleyrand, Charles Maurice de, 32, 127
 Tariff law (1879; German), 223
 Telegraph, 88
 army movement coordinated by, 67
 in Austro-Prussian War, 135
 invented, 11
 Tel el-Kebir, battle of (1882), 240
 Temple, Henry John. *See* Palmerston, 3rd Viscount
 Thiers, Adolphe, 100, 186–88
 Thirty Years’ War (1618–1648), 101
 Three Emperors’ League
 first (1873), 229–30
 second (1881), 233–36, 238, 244
 Threshing machines (reapers), 2
 Tisza, Kálmán, 214–15
 Titian, 59
 Togoland, 243
 Tolstoi, Count Dmitri, 179
 Torpedoes, invented, 68
 Tottleben, Count Eduard Ivanovich, 87
 Trade. *See* International trade
 Trade Union Act (1875; British), 160
 Trade unions
 Catholic, 29
 development of, 25–26
 Hungarian, 214
 legalized in France, 96
 Transportation, revolution in, 8–11. *See also* Railroads
Trasformismo, 200–202
Treatise on Instrumentation and Orchestration (Berlioz), 63
 Triple Alliance (1882), 239–40, 245–46
 Trochu, Gen. Louis, 184
 Tunisia, 74, 232, 238–39
 Turin, Treaty of (1860), 115
 Turkey, x, 70, 74, 245, 248
 Balkan revolt against, 230–31
 British policy and, 161
 dispute over holy places in empire of, 83
 and German alliance system, 245
 Russia and, 82, 180–81, 183. *See also* Crimean War
 and stability of Eastern Europe, 232, 236
 trade with, 95

Typesetting machines, invented, 11
 Typewriters, invented, 11

Unification. *See* Germany; Italy
 Union, Act of (1801; British), 155, 163
 United States, 75

agriculturally competitive, 13
 emigration to, 19
 oil discovery in, 5
 rise of, 72
 Russian development compared with, 175
 spread of technical and agricultural schools
 in, 3

United States Civil War (1861-1865), 67, 95,
 100, 149-50, 158-59

University Tests Act (1871; British), 157

Urbanization
 city planning, 93-95
 migration and, 17
 railroads and, 9
 and transformation of society, 23-26

Van Gogh, Vincent, 62

Vatican. *See* Roman Catholic Church

Verdi, Giuseppe, 54, 64

Viaducts, 52-53

Victor Emmanuel II (King of Sardinia; later
 King of Italy), 91, 113, 117, 119

Victoria (Queen of England), 125, 145, 237,
 242

Victoria (Princess of Prussia; granddaughter
 of Queen Victoria), 237

Vienna, Treaty of (1864), 132

Villafranca, Peace of (1859), 114-16

Waddington, William Henry, 232

Wagner, Richard, 46, 57, 64

Wales, 30

Warships, 68, 88

Waterloo, battle of (1815), 87

Watt, James, 4

Weapons. *See* Armaments

William I (Emperor of Germany and King
 of Prussia), 124-25, 144, 216, 226, 242

William II (Emperor of Germany and King
 of Prussia), 121-22, 226-27

Will to Power, as basic ingredient of human
 creativity, 48-49

Women

and British franchise, 153
 changing role of, 19-23
 and compulsory education, 23, 69
 nursing profession opened to, 87-88
 as servants, 20-21

Working class, 25-26

Austrian, 105, 106, 207-8
 class struggle and, 40-42
 franchise for British, 153, 154
 German, 137, 224-25
 growth of, 25-26

in Habsburg empire, 105-6

in Hungary, 214

misjudged, 43

reforms for British, 160-61

right to strike, in France, 96

Russian, 175-76

women as servants, 20-21

in nursing profession, 87-88

See also Trade unions

World War. *See* First World War; Second
 World War

Zola, Émile, 32, 54-56, 58

Zollverein (customs union), 109, 120, 122,
 123