

Timeline of the Formation of American Culture 1876-1919

1876

DOMESTIC EVENTS: Disputed presidential election between Republican **Rutherford B. Hayes** and Democrat **Samuel Tilden**; Tilden carried popular vote by about 250,000 but Republicans challenged ballots in 4 states, 3 of them in the South, giving election to Hayes. Whiskey-ring scandals among President Grant's appointees; **William "Boss" Tweed** convicted of fraud in NYC; Colorado admitted as a state. Black militiamen massacred at Hamburg, S.C. in July; **Geronimo (Goyathalay)** begins his ten-year resistance against campaign to displace the Chiricahua Apaches of the Arizona Territory. Angered by the slaughter of the buffalo in the Montana Territory as well as by the encroachments by whites in the Black Hills Gold Rush, the Sioux, under **Sitting Bull**, defeat and massacre the 264-man Seventh Cavalry force under General **George Armstrong Custer** in the Battle of the Little Big Horn (June 25th). **Wild Bill Hickock** murdered (August 2) at Deadwood, Dakota Territory; James and Younger Brothers foiled in Northfield (MN) bank robbery.

INTERNATIONAL EVENTS: Queen Victoria made empress of India; Korean independence declared; Ethiopian troops defeat Egyptian forces at Gura; Turks suppress Bulgarian insurrection; Serbia and Montenegro declare war on Turkey; Mexican revolution under **Porfirio Diaz**.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Robert Koch** discovers anthrax bacillus; **Heinrich Schliemann** excavates Mycenae; Centennial Exposition in Philadelphia opens; **Alexander Graham Bell** patents and demonstrates telephone; **Thomas Alva Edison** invents mimeograph; Hires Root Beer and Heinz Ketchup introduced; Budweiser Beer wins prize; Remington typewriter introduced; player piano demonstrated at St. Louis (see 1890); Stillson wrench patented; Eli Lilly Co. formed; **Lydia Pinkham** patents her Vegetable Compound; **John Harvey Kellogg** founds Battle Creek Reform Institute.

EDUCATION AND RELIGION: Johns Hopkins, University of Texas (Austin), and Texas A&M founded; **Edward A. Bouchet** (Yale '74), first African American to receive Ph.D. at Yale; **Melvil Dewey's** decimal system introduced. **Felix Adler** founds NY Society for Ethical Culture.

SPORTS AND RECREATION: National League formed; first tennis tournament in U.S.; Central Park completed in NYC; James Gordon Bennet introduces polo to US; Harvard Lampoon begins publication; Harvard's **F.W. Thayer** invents catcher's mask; Shriners founded. Englishman **H.J. Lawson** invents safety bicycle, with rear-driven gears.

ART, LITERATURE, AND MUSIC: **Mark Twain**, *The Adventures of Tom Sawyer*; **Henry James**, *Roderick Hudson*; **Herman Melville's** narrative poem, "Clarel," published; **Winslow Homer**, "Breezing Up."; **Auguste Renoir**, "Le Moulin de la Galette." **Ira David Sankey's** hymn, "What a Friend We Have in Jesus;" Wagner's "Ring" first performed at Bayreuth; **Tchaikovsky** composes "Swan Lake; **Brahms** Symphony No. 1, Op. 68; **Mallarme** writes "L'Après-Midi d'un faune." First permanent Yiddish theater founded in Germany by **Abraham Goldfaden**.

BIRTHS: Sherwood Anderson, Jack London, Pablo Casals, Mohammad Ali Jinnah, G.M. Trevelyan
DEATHS: A.T. Stewart, George Sand, Mikhail Bakunin.

1877

DOMESTIC EVENTS: Specially formed electoral commission decides for Hayes in disputed presidential election. Supreme court supports government regulation of business in *Munn v. Illinois*; Desert Land Act passed, ostensibly to encourage homesteading but used by land speculators and cattlemen to purchase huge tracts at 25 cents an acre. Flight of Nez Perce Indians under **Chief Joseph**, 1600 miles to Canadian border; further removal of Chiricahua Apaches to San Carlos reservation, where summer temps. range as high as 140 degrees Great railroad strikes in July. Last federal troops leave South as Reconstruction ends.

INTERNATIONAL EVENTS: **Porfirio Diaz** becomes president of Mexico (-1911); Russia declares war on Turkey, invades Rumania. Satsuma Rebellion repressed in Japan; famine in Bengal.

SCIENCE, TECHNOLOGY, AND COMMERCE: Copper wire invented; first telephone sold; **Thomas Edison** demonstrates hand-cranked phonograph; Singer cuts sewing machine prices in half; **J.H. Kellogg** introduces “granula;” Quaker Mill Co. begins in Ohio; first shipment of Chicago dressed beef by rail to Boston; first frozen beef shipped from Argentina to Europe; Boston entrepreneur **Augustus Pope** converts air-pistol shop into first bicycle factory. I.K. Funk & Co. (later Funk & Wagnals) formed; Washington Post begins publication; Chase National Bank founded; **Cornelius Vanderbilt** leaves \$100 million fortune at his death.:

EDUCATION AND RELIGION: .U. of Detroit founded; American Museum of Natural History opens in NYC; Boston Library opens; Johns Hopkins establishes first university press; American Library Assoc. founded **Henry O. Flipper**, first black graduate of West Point.

SPORTS AND RECREATION: First Wimbledon tennis championship; first Westminster Kennel Club show in NYC; 1200 dogs (20 breeds) entered.

ART, LITERATURE, AND MUSIC:: **Henry James**, *The American*; **Anna Sewell**, *Black Beauty*; **Gustave Flaubert**, *Trois Contes*. **Winslow Homer**, “The Cotton Pickers,” **William Morris Hunt**, “The Bathers;” **Auguste Rodin**, “The Age of Bronze;” **Edouard Manet**, “Nana;” **Brahms**, “Symphony No. 2, Op. 75;” **Alexander Borodin’s** B-Minor Symphony; **Harrigan & Hart** introduce cakewalk into minstrelsy.

BIRTHS:: **Herman Hesse**, **Pancho Villa**, **Andre Maginot**, **Konrad Adenauer**, **Albert Schweitzer** **DEATHS:** **Gustave Courbet**.

1878

DOMESTIC EVENTS: Congress passes Bland-Allison Act over Pres. Hayes’s veto, requiring Treasury to buy \$2-4 million worth of silver bullion for coinage. Greenback-Labor Party formed, nominates **James Weaver** (IA) for president. Democrats win both houses of Congress for first time since 1858. Yellow fever epidemic sweeps Gulf Coast, 4,500 dead in New Orleans alone; smallpox strikes Deadwood, where **Martha “Calamity” Jane** Cannary, 26, works heroically in men’s clothing to nurse the ill. **William “Bat” Masterson**, 24, captures notorious outlaw Dave Rudabaugh and is appointed US Marshal; Texas outlaw **Sam Bass**, 26, robs 4 banks near Dallas, is betrayed to Texas rangers and killed. **Anthony Comstock**, antivice crusader, uses “Comstock Law” of 1872 to arrest **Anna T. S. Lohman** (Mme Restell) for distributing contraceptives; she kills herself. American Bar Association formed.

INTERNATIONAL EVENTS: Russo-Bulgarian force defeats Turks at Shipka Pass; Turks appeal for armistice. British fleet arrives at Constantinople at Sultan’s request. Treaty of San Stefano ends Russo-Turkish War; Britain and Austria-Hungary force Russia to revise treaty at Congress of Berlin: Serbia, Montenegro, and Rumania become independent states. War breaks out between Britain and Afghanistan. Two unsuccessful assassination attempts on German Emperor **William I** enable Bismarck to enact anti-socialist laws. Some 10 million Chinese die of famine in drought that has plagued Asia since 1876. World’s first birth control clinic opened in Amsterdam by suffragist Aletta Jacobs, 29.

SCIENCE, TECHNOLOGY, AND COMMERCE: **William Henry Welch**, 28, opens first pathology lab -- at NY’s Bellevue Hospital. First use of iodoform as an antiseptic. Depression of 1873 continues: 10,000 businesses fail.. First telephone exchange and directory opens, in New Haven. **Thomas Edison** patents phonograph, forms Edison Electric Light Co.; gas company stocks plummet. **David Hughes** invents microphone.; **J. Walter Thompson** takes over 14-year old firm of Carlton and Smith, which he had joined in 1868; his first ad introduces Prudential’s “Rock of Gibraltar” trademark. Proctor and Gamble introduce “The White Soap,” which, 4 yrs later, will be renamed “Ivory.”. Cleveland paint-maker **Francis H. Glidden** develops varnish that will make his firm famous. Mohawk Carpet C. is founded in Amsterdam, NY. Chase & Sanborn of Boston seal first roasted coffee in cans. Paris Exposition.; **Adolph Ochs**, 20, starts Chattanooga Times; Hungarian emigré, **Joseph Pulitzer** acquires St. Louis Dispatch.

EDUCATION AND RELIGION: Duquesne U. and Mississippi State U. founded; **Maximilian D. Berlitz** opens his first language school, in Providence, RI.; **Charles T. Russell**, 26, Congregationalist minister founds the Jehovah’s Witnesses in Pittsburgh, preaching doctrine that Christ’s second coming came “invisibly” in 1874 and that the millennium will arrive in 1914.. In London, **William Booth’s** Christian Revival Association (1865) renamed Salvation Army

SPORT AND RECREATION: First Easter Egg Roll at White House.

ART, LITERATURE, AND MUSIC: **Henry James**, *The Europeans*; **Anna Katherine Green**, *The Leavenworth Case* (bestselling mystery); **Thomas Hardy**, *Return of the Native*. **Charles Sanders Pierce**, “How to Make Our Ideas Clear,” first statement of pragmatism. **Albert Bierstadt** paints “Sierra Nevada,” **Louis Comfort Tiffany**, 30, opens his factory. **Anton Dvorak** composes “Three Slavonic Rhapsodies;” **William Gilbert** and **Arthur Sullivan**, “H.M.S. Pinafore;” an English music hall ditty introduces term “Jingoism;” **James Bland**, pioneer black songwriter, composes popular “Carry Me Back to Old Virginny.”

BIRTHS: **Upton Sinclair**, **John B. Watson**, **Carl Sandburg**, **George M. Cohan**, **Martin Buber**. **DEATHS:** “Boss” **Tweed**, **Pope Pius IX**.

1879

DOMESTIC EVENTS: **President Hayes** vetoes bill restricting Chinese immigration; US resumes specie payments suspended in 1873; **Henry Adams** and **Benjamin “Pap” Singleton** lead thousands of Southern freedmen and women (“The Exodusters”) to Kansas, despite white resistance. Congress grants women right to plead before US Supreme Court; **Belva Lockwood**, 48, becomes first woman to do so. **Cornelius Vanderbilt** brushes off a reporter with: “The public be damned.”

INTERNATIONAL EVENTS: War of Pacific begins: Chile occupies Bolivian coast. Zulu Nation, founded by **Shaka** in 1816, is ended by British forces, who kill some 8,000 warriors and wound 16,000 more with new, breech-loading rifles. British occupy Khyber pass. Austro-German alliance engineered by **Bismarck**; French Panama Canal Co. organized by **Ferdinand de Lesseps**. Irish Land League formed to campaign for independence from Britain.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Clarence King** appointed director of US Geological Survey. Russian pathologist, **Ivan Pavlov** begins his reflex experiments with dogs. **Thomas Edison** demonstrates first practical incandescent bulb; arc-light streetlighting installed in Cleveland and San Francisco; **George Selden** applies for patent on “road vehicle” powered by internal combustion engine, without working model. **Ira Remsen**, 33, and his German student, **Constantin Fahlberg**, accidentally discover saccharin while performing coal tar experiments at Johns Hopkins; Gonorrhea bacillus isolated. Collapse of Tay Bridge in Scotland. **Robert Gair** introduces low-priced cardboard box; **F.W. Woolworth**, National Cash Register Co., **Scott Paper Co.**, **The May Company**, **McKim, Mead & White** (architects), **Paine, Webber, Jackson, Curtis and Bache & Co.** (brokerage houses), and **Aetna Insurance** all have their beginnings. **Metropolitan Life** pioneers mass insurance

EDUCATION AND RELIGION: **Radcliffe** founded; **Chicago Art Institute** opened; **Carlisle Training and Industrial School for Indians** (PA) founded by **Richard Henry Pratt**. In Boston, **Mary Baker Eddy**, pastor of Church of Christ Scientist; anti-Jesuit laws passed in France.

SPORTS AND RECREATION: **Frederick Law Olmsted** completes Boston Park system. Karate introduced in Japan.

ART, LITERATURE, AND MUSIC: **Henry George**, *Progress and Poverty*; **Joel Chandler Harris**, “The Tar Baby,” **Henry James**, *Daisy Miller*, **Henrik Ibsen**, “*A Doll’s House*,” **Peter Tchaikovsky’s** opera, “*Eugene Onegin*,” **Anton Bruckner’s** Sixth Symphony; **William Merritt Chase** founds Society of American Artists, **Harrigan and Hart** introduce first of their “Mulligan” plays into their vaudeville.

BIRTHS: **Vachel Lindsay**, **Will Rogers**, **Wallace Stevens**, **Albert Einstein**, **Joseph Stalin**, **Leon Trotsky**, **Paul Klee**, **E.M. Forster**. **DEATHS:** **Honore Daumier**.

1880

DOMESTIC EVENTS: Population: 50 million; L.A.’s population reaches 11,000; national illiteracy declines to 17%; National Farmers Alliance organized in Chicago, forerunner of People’s Party; **Ulysses S. Grant** loses bid for third-term nomination; **James Garfield** (OH), 48, defeats **Winfield S. Hancock** (D.,PA) by 9,464 votes, and **Greenback Labor Party** candidate, **James B. Weaver** (IA). Treaty with China gives US right to restrict, but not exclude Chinese immigration. Supreme Court declares Tennessee’s 1875 Jim Crow law unconstitutional. Gold rush in Alaska.

INTERNATIONAL EVENTS: World population: 1,250,000,000. France annexes Tahiti and establishes a protectorate in French Equatorial Africa; Morocco declares independence. **Oom Paul Kruger** declares Boer Republic independent of Britain's Cape Colony. Farmers in Irish Land League refuse to harvest crops on estates managed by retired British Army captain, **Charles Cunningham Boycott**, and thus introduce new term into economic warfare. Britain passes its first Employers' Liability Act. French Communards (1871) amnestied.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Louis Pasteur** discovers chicken cholera vaccine; **Robert Koch** discovers anthrax vaccine and identifies (along with **K.J. Eberth**) the typhoid bacillus French army physician **Charles Louis Laveran**, 35, traces malaria to blood parasite. Half-tone photo illustration appears in New York Daily Graphic. Brush arc lights illuminate a mile of NYC's Broadway. **George Eastman** invents film roll; Kampfe bros. invent safety razor; **Cecil Rhodes**, 27, co-founds De Beers Mining Co.; Japan's Fuji Bank opens in Tokyo. Cattle drives peak on Chisholm Trail. Tenant farmers work over 1/4 of American farms.. English emigre **Samuel Bath Thomas** introduces his muffins in NYC. Gold Medal Flour, "Philadelphia" brand cream cheese and Heinze's White Cider Vinegar introduced. Woodward & Lothrop Boston Dry Goods Store opens.

EDUCATION AND RELIGION: Bryn Mawr College, U. of Southern Cal. founded. Pope Pius XI declares abortion an excommunicatory sin.

SPORTS AND RECREATION: Women's participation in sports increases noticeably: tennis, archery, croquet, riding, cycling, swimming. **Billy Sunday** credited with introducing term "charley horse," after a horse he bet on pulled up lame. Sportswriter, **Rex Mulford** coins "hot corner" for third base. Bingo is developed from Italian lotto game of Tombola.

ART, LITERATURE, AND MUSIC: Cologne Cathedral (1248) completed; Harvard's Sever Hall (**H.H. Richardson**); **William Crane** and **William Morris** launch Arts & Crafts movement in England. **Auguste Rodin's** "The Gates of Hell;" **Fyodor Dostoyevsky** writes The Brothers Karamazov; **George Washington Cable** publishes The Grandissimes; former Civil War general, **Lew Wallace** publishes best-selling, Ben Hur: A Tale of the Christ. **Henry Adams's** novel, Democracy and **Mark Twain's** travel account, A Tramp Abroad, appear. Boston author **Lucretia Peabody Hale** writes first of a popular children's series, The Peterkin Papers. **Emile Zola**, Nana; Jens Peter Jacobsen, Niels Lyhne. First performance of **Johannes Brahms's** Tragic Overture. Luigi Denza's popular "Funiculi-Funicula." **Gilbert** and **Sullivan's** "The Pirates of Penzance."

BIRTHS: Douglas MacArthur, Helen Keller, John L. Lewis, H.L. Mencken, Oswald Spengler, Lytton Strachey, Ibn Saud, Robert Musil, Sean O'Casey. **DEATHS:** Jacques Offenbach, George Eliot, Gustave Flaubert

1881

DOMESTIC EVENTS: President **James Garfield** assassinated by **Charles J. Guiteau**, succeeded by **Charles Alan Arthur**. Tennessee passes second Jim Crow law segregating railroad cars, setting example for other Southern states. Federal Income Tax law of 1862 declared unconstitutional in Springer v. US. Shootout at the OK Corral outside Tombstone. **William F. Bonney**, 21 ("Billy the Kid") is killed by Sheriff **Patrick F. Garrett** after he has killed 21 men.

INTERNATIONAL EVENTS: Czar **Alexander II** assassinated by **Sophia Perovskaya**, leader of a band of Russian Nihilists, precipitating a wave of repression, persecution, and pogroms against Jews under his successor, Alexander III. Irish nationalist leader, **Charles Stewart Parnell**, 35, imprisoned for agitating for home rule; habeas corpus suspended in Ireland. Japanese political parties formed. Transvaal Boers defeat British forces, leading to South African republic. Over 200,00 Germans petition **Otto von Bismarck** to disenfranchise Jews.

SCIENCE, TECHNOLOGY, AND COMMERCE: Scottish bacteriologist, **Jaime Ferran**, discovers serum effective against cholera; Cuban physician **Carlos Juan Finlay**, 28, suggests that mosquitoes may spread Yellow Fever. **Clarissa Harlowe Barton** founds American Association of the Red Cross. **Marcus Daly**, 39, launches Anaconda Copper Co. in Montana Territory; Diamond Match Co. formed. Bavarian emigre, **Henry Villard** (ne **Ferdinand Hilgard**) gains control of Northern Pacific Railroad. Marshal, Field, & Co. formed: **William Filene**, Sons & Co. opens in Boston; **George Pullman** begins construction of his model factory town; Chicago meatpacker **Gustavus F. Swift** perfects refrigerator car. Kellogg's Granula renamed Granola. First US-made margarine produced, in NYC. First pure food and drug laws passed in NY, NJ, MI, and IL.

EDUCATION AND RELIGION: Tuskegee Normal Industrial Institute (AL), Spelman College (GA), Marquette University (WI), U. of CT, and U of Pennsylvania's Wharton School open. **Andrew Carnegie** donates funds for first of his libraries -- in Pittsburgh. **Helen Hunt Jackson's** expose of government mistreatment of American Indians, *Century of Dishonor*; **Henry Demarest Lloyd's** attack on Rockefeller's Standard Oil Co. trust appears in *Atlantic Monthly*; **Edward Tylor's** *Anthropology*; **Walt Whitman's** *Leaves of Grass* banned in Boston.

SPORTS AND RECREATION: United States Lawn Tennis Assoc. formed; Newport Casino completed by **Richard Hunt**; Barnum & Bailey's Circus created by merger. First cabaret, "Chat Noir," opens in Paris.

ART, LITERATURE, AND MUSIC: Irish-American sculptor, **August Saint-Gaudens**, completes Admiral Farragut; **Claude Monet's** "Sunshine and Snow." NY's Dakota Apartments go up at 72nd St. **Henry James**, *Portrait of a Lady*; **Paul Verlaine**, "Sagesse," **Johann Spyri's** popular children's book; **Offenbach's** posthumous opera "Tales of Hoffman" opens; banker **Henry Lee Higginson** founds Boston Symphony Orchester; Marine bandmaster **John Philip Sousa**, 27, composes "Semper Fidelis" march.

BIRTHS: Bela Bartok, Pablo Picasso, Kemal Attaturk, Alexandr Kerenski, Tailhard de Chardin, John XXIII. **DEATHS:** Lewis Henry Morgan, Thomas Carlyle, Feydor Dostoyevsky, Modest Petrovich Moussorgsky

1882

DOMESTIC EVENTS: Congress passes first Chinese Exclusion Act, barring Chinese labor from entering US for ten years; the law was regularly renewed; also voted to bar paupers, convicts and "defectives" from entering country. German immigration reaches peak. In March, Mississippi floods leave 85,000 homeless. Drought in western ranchlands. Poor crops result in high food prices, which in turn spur a wave of strikes for higher wages. **Grover Cleveland** (Dem.) wins NY governorship. **Jesse James** shot in head by fellow outlaw, **Robert Ford**, for reward. **Hatfield-McCoy** feud (Appalachia) spills over; not ended till 1888, when Kentucky authorities invade WV to seize several Hatfields.

INTERNATIONAL EVENTS: Germany, Austria, and Italy sign Triple Alliance. British fleets bombards Alexandria; British troops land to "protect" Suez Canal from Egyptian nationalist forces; Cairo occupied. France claims northwest Madagascar as protectorate. **Charles Stewart Parnell** released from prison after promising to end boycotts; 4 days later, Britain's new chief secretary and his assistant are murdered by Fenians; despite Parnell's disavowal, British suspend trial by jury and give police extraordinary powers of search and arrest; dynamiting follows. An insurrection begins in Indochina against the French. Crop failures bring widespread starvation to Japan; recruiting agents will induce some 100,000 Japanese to emigrate to Hawaii's sugar fields over the next 30 years. Britain's Married Women's Property Act passed in Britain.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Robert Koch** isolates tuberculosis bacillus. Viennese physician **Joseph Breuer**, 40, pioneers psychoanalysis with use of hypnosis in relief of hysterical symptoms. English metallurgist, **Robert Abbott Hadfield**, 24, invents manganese. **Thomas Edison** designs first hydroelectric plant, Appleton, WI; also, throws switch in **JP Morgan's** offices to inaugurate electric lighting in lower Manhattan. **Gottlieb Daimler**, 48, develops gas-powered internal combustion engine; English engineer, **Hiram Maxim**, designs recoil-operated machine gun. World's first electric fan (**Schuyler Skaats Wheeler**), electric flatiron (**H.W. Seely**) invented. Using lawyer **Samuel Dodd's** device of the "trust" Standard Oil circumvents state corp. laws to bring 95% of oil industry under its control. Matson Navigation Co. launched in San Francisco to serve booming Hawaii sugar trade.; Canadian Club Whisky introduced by **Hiram Walker** distillery;

EDUCATION AND RELIGION: U. of South Dakota founded; American Forestry Assoc. launched. **Helen Hunt Jackson** writes *The Training of Children*. **John L. Lovell** introduces his Lovell library, cheap (10 to 20 cents) books for mass distribution.

SPORTS AND RECREATION: **Phil Casey**, introduces 10th-century Irish game of handball to US; National Croquet Assoc. and U.S. Intercollegiate Lacrosse Assoc. founded. **John L. Sullivan** goes on national tour to demonstrate boxing with gloves under Queensbury rules. **Barnum** buys the 6-ton elephant, "Jumbo," for his circus -- word enters into American usage.

ART, LITERATURE, AND MUSIC: **Oscar Wilde** arrives in NYC for an American tour to publicize *Prudence*, a Gilbert & Sullivan operetta- send-up of him and the Aesthetic Movement. Expatriate **John Singer Sargent** paints "El Jaleo." **Eduard Manet's** famous "Bar at the Folies Bergere." **Constance Fenimore Woolson**, Anne; **William Dean Howells**, *A Modern Instance*; **Mark Twain**, *The Prince and the Pauper*; **Carlo Collodi**, *Pinocchio*; **Henrik Ibsen**, "An Enemy of the People;" **Frederick Nietzsche**, *The Joyful Wisdom*; **Richard Wagner's** opera, *Parsifal*; **Johannes Brahms**, *Piano Concerto No. 2*; **Gilbert & Sullivan**, *Iolanthe*. **Peter Tchaikovsky's** "1812 Overture;" **Bedrich Smetana's** "Moldau."

BIRTHS: **Franklin D. Roosevelt**; **Robert Nathaniel Dett**, **Virginia Woolf**, **James Joyce**, **Eamon de Valera**; **Jean Giraudoux**, **Igor Stravinsky**, **Jacques Maritain**, **Georges Bracques**, **Zoltan Kodaly**, **Percy Grainger**, **Sam Goldwyn (Goldfish)**. **DEATHS:** **Henry Wadsworth Longfellow**, **Ralph Waldo Emerson**, **Charles Darwin**, **Anthony Trollope**, **Dante Gabriel Rossetti**

1883

DOMESTIC EVENTS: Pendleton Act begins reform of US civil service; Congress lays foundation of modern navy by authorizing construction of 3 steel cruisers; Supreme Court declares Civil Rights Act of 1875 unconstitutional except in relation to jury duty and interstate travel.; on Nov. 18 US railroads establish standard time zones; Northwest Pacific RR completed; 71 die in Milwaukee's Newhall House fire, worst hotel fire till 1946; drought strikes Northern Plains; 10,000 buffalo herd discovered and exterminated in Dakota territory; Scandinavian immigration peaks.

INTERNATIONAL EVENTS: **Bismarck** introduces health insurance to Germany; British control of Egypt and French control of Tunisia assured; French war with Madagascar, acquire protectorate over Annam, Tonkin (Vietnam), conquer Upper Niger; **Mahdi Mohammed Ahmed ibn-Seyyid Abdullah** challenges Egyptian control of Sudan, attacks Red Sea ports. Orient Express: Europe's first transcontinental train. Worldwide cholera pandemic begins, to last 11 years. Volcano, Krakatoa, erupts, taking 36,000 lives and sending ash cloud round the world.

SCIENCE, TECHNOLOGY AND COMMERCE: **Robert Koch** isolates Asian cholera bacillus and develops anthrax inoculation; German pathologist, **Edwin Klebs**, describes diphtheria bacillus. **Thomas Edison** pioneers radio tube. **J.A. and W.A. Roebling's** Brooklyn Bridge opens; Monadnock Building, Chicago, highest masonry structure in US: 16 stories; Washington's Pension Building opens (now National Building Museum); Pittsburgh Plate Glass Co. founded. German émigré, **Julius Schmid**, 18, pioneers US contraception. **Oscar Meyer** Wieners launched; first malted milk. **Pulitzer** buys NY World. Life magazine, Grit, and Ladies Home Journal begin publication.

SPORTS AND RECREATION: **William F. "Buffalo Bill" Cody** organizes first Wild West Show; **William K. Vanderbilt**, 34, holds most lavish party (\$250,000) yet in the US. **Benjamin Franklin Keith** and **George Batchelder** open first vaudeville theater in Boston, hire **Edward Albee** 29, as manager. Sons of the American Revolution organized. First indoor horse show, in NYC.

EDUCATION AND RELIGION: U. of North Dakota chartered. Modern Language Association formed.

ART, MUSIC, AND LITERATURE: **Paul Cezanne** paints "Rocky Landscape," **Thomas Eakins**, "The Swimming Hole." **John Hay** writes *The Breadwinners* anonymously; **Robert Louis Stevenson**, *Treasure Island*, **Nietzsche's** *Thus Spake Zarathustra*; **Lester Ward**, *Dynamic Sociology*; **William Graham Sumner** essay, "The Forgotten Man." **Anton Dvorak's** "Stabat Mater." Metropolitan Opera House opens, NYC.

BIRTHS: **William Carlos Williams**, **Benito Mussolini**, **Franz Kafka**, **Walter Gropius**, **Anton von Webern**, **Karl Jaspers**, **John Maynard Keynes**, **Jose Ortega y Gasset**. **DEATHS:** **Karl Marx**, **Ivan Turgenev**, **Eduard Manet**, **Gustave Dore**; **Richard Wagner**.

1884

DOMESTIC EVENTS: Suffragists form Equal Rights Party and nominate **Belva A. Lockwood** for president. **Grover Cleveland** (Dem) defeats **James G. Blaine** (Rep.), when Mugwumps and reformist Republicans desert Blaine. Bureau of Labor in Dept. of Interior established as strikes mount. Second Chinese Exclusion Act passed to tighten provisions of first; cornerstone to Statue of Liberty pedestal laid. Schoolteacher and former slave, **Ida B. Wells**, 22, tests Jim Crow rules on Tennessee railroad: is thrown off train but wins damages in court. CA outlaws hydraulic mining.

INTERNATIONAL EVENTS: The Mahdi lays siege to Khartoum and **Charles “Chinese” Gordon’s** forces. Treaty of Valparaiso ends War of the Pacific (1879) with Chilean victory over Peru. Germany passes workmen’s compensation law to blunt socialist movement; London’s Toynbee Hall -- world’s first settlement house -- opens; France legalizes trade unions, divorces. British bill expands male suffrage. Gold discovered: Transvaal.

SCIENCE, TECHNOLOGY, AND COMMERCE: **F.A.J. Loffler** isolates diphtheria bacillus in Berlin; NY surgeon, **William Halsted**, discovers anesthetic properties of cocaine, becomes addicted. Leipzig gynecologist, **Karl S.F. Crede**, discovers that silver nitrate drops can prevent blindness in gonorrheal infected newborns; German physician **Arthur Nicolaier** isolates tetanus bacillus; **Edward L. Trudeau** pioneers open-air treatment of tuberculosis. German-American mechanic **Ottmar Mergenthaler**, 30, patents Linotype machine, which will revolutionize newspaper publishing. English engineer **John Henry Patterson**, 40, founds National Cash Register Co. in Dayton. NY insurance man **Lewis Waterman**, 47, invents first practical fountain pen. First steel-frame “skyscraper,” **William Le Baron Jenney’s** Home Insurance Building, goes up in Chicago: 10 stories. Quaker Oats becomes one of first packaged foods; Buitoni high-gluten pasta and Black & White Scotch introduced. NY’s Dairyland Milk co-op formed.

EDUCATION AND RELIGION: Mississippi Industrial Institute and College, first state-supported women’s college, opens. NY’s Brearley School (for girls) established by Andover and Harvard graduate, **Samuel Brearley, Jr.** American Historical Assoc. and American Institute of Electrical Engineers founded. Fabian Society founded in London. **Charles Russell** starts Watch Tower Bible and Tract Society.

SPORTS AND RECREATION: Knights of Labor vote to observe Labor Day. **Moses Fleetwood Walker**, first African-American to play in major league baseball: Toledo. Overhand pitching growing in popularity. German-American woodturner **J. Frederick Hillerich** introduces his ashwood bat, the “Louisville Slugger.” Coney Island opens its first roller coaster. Greyhound racing introduced.

ART, LITERATURE, AND MUSIC: Scandal surrounds **John Singer Sargent’s** portrait of “Madame X” (Mme. Gautreau); Sargent forced to move from Paris to London. **Paul Cezanne** paints “Bathers at Asnieres.” **Edward Burne-Jones’s** “King Cophetua and the Beggar Maid.” **Mary Cassatt**, “Alexander J. Cassatt and His Son.” **Mark Twain**, The Adventures of Huckleberry Finn; **Sarah Orne Jewett** publishes A Country Doctor; **Frank Stockton’s** short story, “The Lady or the Tiger.” **Helen Hunt Jackson** novel, Ramona; **Leo Tolstoy**, The Death of Ivan Ilyich; **J. Karl Huysmans**, Against Nature; **Herbert Spencer**, The Man Versus the State; **Henrik Ibsen**, “The Wild Duck.” **Edward MacDowell’s** “Piano Suite No. 2” debuts in NYC. **Anton Bruckner**, “Symphony No. 7.” **Jules Massenet’s** opera, Manon. Broadway musical, Adonis, first to pass 500 performances. Playbill begins publication.

BIRTHS: Harry Truman, Damon Runyan, Sean O’Casey, Amadeo Modigliani. **DEATHS:** Bedrich Smetana

1885

DOMESTIC EVENTS: **Grover Cleveland** inaugurated, suspends silver coinage, sends troops to quell anti-Chinese rioting and massacre at Rock Spring, WY; denounces barbarous treatment of Chinese by Knights of Labor in Washington Territory. Congress prohibits unauthorized fencing of public lands after revelations of abuses by cattle barons and railroads. Lobbying by Knights results in Congressional prohibition on importation of contract labor. Post Office introduces special delivery. **Josiah Strong’s** Anglo-Saxonist screed, Our Country, appears.

INTERNATIONAL EVENTS: British General Gordon and garrison massacred following gall of Khartoum to the **Mahdi Mohammed Ahmed's** forces; Mahdi's successor gains control of virtually all of Sudan;; Germany annexes Tanganyika and Zanzibar; Belgian king, **Leopold II**, assumes title of sovereign over Congo Free State (-1908), now Zaire; Britain establishes protectorates in Niger River region and occupies Port Hamilton, Korea.. **Louis Riel** leads unsuccessful revolt to protest Ottawa government's indifference to interests of Western Canadians -- is defeated and hanged for treason.

SCIENCE, TECHNOLOGY, AND COMMERCE: First successful appendectomy in US; **Louis Pasteur** administers first anti-rabies vaccine; **Francis Galton** proves the individuality of fingerprints. Winchester Repeating Arms Co. introduces **John M. Browning's** single-shot rifle. **George Westinghouse** founds his company, buys up rights to **Nikola Tesla's** induction motor and polyphase alternator, and, with **William Stanley's** pioneering transformer, launches delivery of high-voltage alternating current over wires. (Edison sticks to direct current.) Cleveland coal and iron barron, Morton's Salt and Moxie Nerve Food, later "Tonic," introduced; evaporated milk produced commercially. **Andrew Preston** helps found Boston Fruit Co., ancestor of United Fruit. Johnson & Johnson founded in New Brunswick, NJ. US corn crop reaches 2 billion bushes: twice that of 1870. New Orleans exposition opens: a third larger than Centennial Expo. Good Housekeeping appears.

EDUCATION AND RELIGION: Bryn Mawr College for Women and Mills College for Women (CA) open; U. of Arizona and Stanford University chartered. Georgia Institute of Technology and McAlester College (MN) founded. American Economic Assoc. and National Audubon Society founded.. Huckleberry Finn banned by Concord (MA) Library. Mormons split between monogamous and polygamous factions. Moderate Reform Rabbis, led by **Isaac Mayer Wise**, and more radical wing, led by **David Einhorn**, hammer out "Pittsburgh Platform" in united front against Conservative Rabbis..

SPORTS AND RECREATION: . **Georger Swinnerton Parker**, 18, founds Parker Brothers in Salem, MA with game called "Banking."

French engineer G. Juzan's "Bicyclette Moderne" makes bicycling appropriate for Victorian women. John Fox introduces golf to US.

ART, MUSIC, AND LITERATURE: Winslow Homer turns to seascapes; **William M. Harnett's** trompe-l'oeill painting, "After the Hunt"; **Vincent Van Gogh**, "The Potato Eaters;" **Paul Cezanne**, "Mont Saint Victoire." **William Dean Howells**, The Rise of Silas Lapham; **Emile Zola**, Germinal; **Walter**. Boston Pops founded. **Gilbert & Sullivan's** Mikado; Texarkanian pianist **Scott Joplin** arrives in St. Louis to begin career that will lead him to ragtime.

BIRTHS: Ezra Pound, George Patton, Jerome Kern, Sinclair Lewis, Niels Bohr, D.H. Lawrence, Alban Berg. **DEATHS:** Ulysses S. Grant, George B. McClellan, William Vanderbilt, Helen Hunt Jackson, Victor Hugo

1886

DOMESTIC EVENTS: Strike wave for 8-hour day reaches peak: 1432 strikes involving 610,000 workers; climaxes with Haymarket bomb and subsequent panic. Federation of Organized Trades and Labor (1881) reorganized as the American Federation of Labor by **Samuel Gompers** and **P.J. Maguire**. Some 400 Chinese driven from homes during Seattle riots before Federal troops arrive. Last major Indian war ends with recapture of **Geronimo**. Following example of London's Toynbee Hall (1884), Ethical Culturalist **Stanton Coit**, 29, founds the US's first settlement house in two small rooms in NYC. Earthquake severely damages Charleston, SC. Statue of Liberty dedicated.

INTERNATIONAL EVENTS: Britain annexes Upper Burma despite continued guerilla warfare; **William Gladstone's** third Liberal ministry introduces Home Rule Bill for Ireland; it is defeated. Parliament repeals Contagious Diseases Act following **Josephine Butler's** campaign against its treatment of working-class women. Johannesburg becomes boom town as Transvaal gold rush continues; **Cecil Rhodes** founds Consolidated Gold Fields, Ltd. Anglo-German accord allows Germany to annex Tanganyikan hinterland and England to annex most of what is now Kenya; Britain authorizes Royal Niger Co. to administer what is now Nigeria. French suppress Senegalese rebellion. First Indian National Congress meets in Bombay.

SCIENCE, TECHNOLOGY, AND COMMERCE: German chemist **Clemens Winkler** discovers germanium; French chemist, **Henri Moissan**, produces fluorine; Oberlin College graduate chemistry student **Charles Martin Hall**, 23, and French metallurgist, **Paul Louis Toussaint Heroult**, 23, independently produce aluminum through electrolysis. Pasteur Institute founded in Paris. **Josephine Cochran** patents dishwasher. Railroad magnate **Collis Huntington** launches construction of Newport News shipyard. **Thomas Fortune Ryan**, 35, organizes nation's first holding co.: NY Metropolitan Traction Co. Financier **Charles Tyson Yerkes**, 49, gains control of Chicago's streetcar lines. Johnson & Johnson produces first ready-to-use surgical dressings. **Whitelaw Reid** buys linotype machines for NY Tribune, prompting strikes and boycotts. **Samuel Johnson** introduces Johnson's Wax in Racine, WI., **David H. McConnell**, 28, launches Avon Products in Brooklyn. **Lyman, Joseph**, and **Gustave Bloomingdale** open NYC department store. Maxwell House Coffee gets its name from Nashville hootel where blend was invented; Salada and White Rose Teas started; caffeine-free Dr. Pepper introduced as King of Beverages. Coca-Cola goes on sale at Jacob's Pharmacy in Atlanta. Cosmopolitan magazine starts up.

EDUCATION AND RELIGION: U. of Wyoming chartered. **Richard von Krafft-Ebing**, Psychopathia Sexualis. Theological liberalism condemned in trial of 5 professors at Andover Seminary; Ramakrishna, best known modern Hindu saint, dies;

SPORTS AND RECREATION: First international polo match in US, at Newport RI; first Tournament of Roses in Pasadena; **Griswold Lorillard** introduces tailless dress coat at first annual Autumn Ball of Tuxedo Club, Tuxedo NY.

ART, LITERATURE, AND MUSIC: **Georges Seurat** completes "Sunday Afternoon on the Island of La Grand Jatte;" Auguste Rodin's "The Kiss;" Sir **John Everett Millais**, "Bubbles." Last Impressionist exhibition. **Henry James**, The Bostonians and The Princess Casamassima; **Frances Hodgson Burnett's** Little Lord Fauntleroy; **S. Weir Mitchell's** Roland Blake; **Robert Louis Stevenson**, Dr. Jekyll and Mr. Hyde; **Andrew Carnegie**, Triumphant Democracy; **Karl Marx**, Capital (English translation). **John Russell Coryell** begins popular Nick Carter detective stories for Street & Smith publishers. Bohemian-born English poet **Naphtali Herz Imber** puts words to Smetana's "Moldau" to create popular song, "Hatikva."

BIRTHS: **David Ben Gurion**, **Oskar Kokoschka**, **Diego Rivera**, **Paul Tillich**, **Karl Barth**, , **Ludwig Mies van der Rohe**. **DEATHS:** **Chester Alan Arthur**, **Franz Liszt**, **Leopold von Ranke**

1887

DOMESTIC EVENTS: Congress authorizes Interstate Commerce Commission (1888); Dawes Severalty Act passed, dividing reservations into 160-acre family plots for Indians to promote assimilation. Pearl Harbor leased as naval station from Hawaii. Rural free delivery begins. Women's suffrage established in Kansas. A nativist group, the American Protective Association, is formed. in Clinton, IA. Terrible blizzards on Northern Plains.

INTERNATIONAL EVENTS: **Queen Victoria** celebrates Golden Jubilee; first Colonial Conference held in London. Germany's Prince von Bismarck warns Europe against war and calls for larger army." France creates Union of Indochina. Secret Russian-German entente signed; Triple alliance of 1882 renewed; Anglo-Russian agreement on Afghanistan signed. Italian-Ethiopian War begins; Britain annexes Zululand; Macao ceded to Portugal.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Heinrich. R. Hertz** demonstrates existence of electromagnetic waves. **H.W. Goodwin** invents celluloid film; French engineering student, **Leon Bolle**, 18, invents first machine to automate multiplication via direct method. **Emile Berliner** invents gramophone, improvement over Edison's phonograph. Tokyo Electric Light Co. introduces electricity into Japan. **Richard Sears** moves to Chicago, hires watchmaker **Alvah C. Roebuck**, to market watches, etc through mail. **Gimbel Brothers** opens in Milwaukee; **James W. Cannon** founds Cannon Mills in Concord, NC; Wesson Oil has its beginnings in Southern Oil Co. of Philadelphia; Bristol-Meyers Co. has its origins in Clinton Pharmacy Co., NY. Grocer **P.J. Towle** introduces Log Cabin Syrup in St. Paul, MN; Ball-Mason Jars introduced by Ball Brothers, Muncie IN.

EDUCATION AND RELIGION: Clark University (MA), Catholic University (Wash, DC), Occidental College (CA), Pratt Institute (NY). **Anne Sullivan**, 20, of Perkins Institute starts work with **Helen Keller**, 2. Polish philologist, **Lazarus Ludwig Zemenhof**, 28, creates "universal language" of Esperanto; first congress of "criminal anthropologists" held in Rome. Bertillon System of fingerprint identification introduced to US.

SPORTS AND RECREATION: **Theodore Roosevelt** helps found Boone & Crocket Club for “protection” of big game. **Louis Keller**, 30, NY golf promoter and scandal sheet (Town Topics) publisher, issues first U.S. social register

ART, LITERATURE, AND MUSIC: **Thomas Eakins** paints “Walt Whitman; **Van Gogh**, “Le Moulin de la Galette.” Photographer **Eadweard Muybridge**’s “Animal Locomotion” studies. Controversy over **Rodin**’s statue of “Brotherly Love;”. **Louis Sullivan**’s designs Auditorium Building, Chicago; **Gustave Eiffel**’s Tower. **Henrik Ibsen**’s Rosmersholm; **August Strindberg**’s The Father; **David Belasco** and **Henry B. DeMille**’s first of many successful dramas, The Wife, opens in NYC; **Henry James**, The Aspern Papers; **H.Rider Haggard**, She; **Arthur Conan Doyle**’s A Study in Scarlet introduces Sherlock Holmes; **Modest Mussorgski**’s, “Pictures at an Exhibition” **Giuseppe Verdi**’s opera, Otello; **Gilbert & Sullivan**’s operetta, Ruddigore; **Ignace Paderewski** first piano recitals -- in Vienna.

BIRTHS: **Chiang Kai-chek**, **Julian Huxley**, **Heitor Villa-Lobos**, **Marc Chagall**, **Charles Edouard Jeanneret (Le Corbusier)** **DEATHS:** **James Eads**, **Jenny Lind**, **Alexander Borodin**, **Alfred Krupp**

1888

DOMESTIC EVENTS: Republican **Benjamin Harrison** (IN) defeats President **Grover Cleveland** (NY) in electoral vote while losing popular vote by 100,000. plurality; NYC’s Irish vote makes difference, as in 1884.. Louisville (KY): first locale to use Austrian [secret] ballot. Congress reorganizes Bureau of Labor as non-Cabinet Department. Anti-Chinese riots break out again in Seattle.. Blizzard isolates NYC for 36 hours (Mar.12-14):20.9 inches, 400 lives lost. Another 400 die in Yellow Fever epidemic in Jacksonville, Fla. Washington Monument completed. British immigration peaks.

INTERNATIONAL EVENTS: Kaiser **Wilhelm I** dies in Berlin, succeeded by grandson, **Wilhelm II**. Suez Canal declared open to all nations; Britain establishes protectorate over North Borneo and Sarawak, though North Borneo Co. continues to rule. **Cecil Rhodes** acquires exclusive mining rights in Matabeleland and Mashonaland; Arab rising in German East Africa; Brazil abolishes serfdom. London in panic over **Jack-the-Ripper** murders.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Nikola Tesla**, 31, Croatian-American inventor and former Edison employee, develops an electric motor for AC current.. Scottish veterinary surgeon, **John Boyd Dunlop**, 47, patents first pneumatic bicycle tire. French develop nickel steel. **William Seward Burroughs**, 31, invents adding machine. **George Eastman** introduces \$25 Kodak box camera. **Meyer Guggenheim** gives up lace business for copper smelting;; **George Safford Parker**, 24, starts Parker Pen Co. in Janesville , WI. **Behr. Manischewitz** founded in Cincinnati. Advertising agent **George Rowell** begins publishing Printer’s Ink. In London, the Financial Times begins publication. Tetley Tea introduced in America. Cattle industry in crisis. Knights of Labor report reveals that women wage-earners average \$2.50-3.00 for 84-hour week.

EDUCATION AND RELIGION: **John Robert Gregg** introduces new shorthand method. American Folklore Society founded. National Geographic begins publication. **Sholem Aleichem** (Sholem Rabinovitch) founds world’s first Yiddish literary annual, Di Yiddishe Folkbibliothek, in Kiev.

SPORTS AND RECREATION: **Ernest Lawson Thayer**, 24, publishes “Casey at the Bat” in San Francisco Examiner; popularized by comedian-singer **William DeWolf Hopper**. First beauty contest held, in Spa, Belgium. New York pitcher, **Tim Keefe**, wins record 19 straight games.

ART, LITERATURE, AND MUSIC: **John La Farge** paints mural of “Ascension” for NY Church of the Ascension. **Van Gogh** paints “Sunflowers” and “Yellow Chair,” **Paul Gauguin**, 40, paints “Jacob and the Angel;” **Henri de Toulouse-Lautrec**, 23, “Place Clichy;” **James Sydney Ensor**, “The Entrance of Christ into Brussels.” **William Morris** founds Kelmscott Press. Symbolist group, the “Nabis,” forms in Paris. **August Rodin** completes “The Thinker.” **Edward Bellamy** publishes best-selling utopian novel, Looking Backward; 2000-1887. **Arthur Foote** introduces popular choral work, The Wreck of the Hesperus in Boston. English Orientalist **Richard Burton** completes his controversial, 16-volume translation of Persian tales, The Arabian Nights, from which **Nicolai Rimsky-Korsakov** drew inspiration for his symphonic suite, “Sheherazade,” introduced at St. Petersburg. **Edward MacDowell**’s “Piano Concerto No. 1””**Gabriel Faure**’s Requiem debuted in Paris.;Belgian-born woodcarver, **Pierre Chretien Degeyter**, 40, publishes music to “L’Internationale,” with lyrics by Parisian transport worker, **Eugene Edine Pottier**, 72, who wrote them during Paris Commune.

BIRTHS: Irving Berlin, T.S. Eliot, Eugene O'Neill, Katherine Mansfield, Jim Thorpe, T.E. Lawrence, Maurice Chevalier **DEATHS:** Matthew Arnold, Asa Gray, Louisa May and Bronson Alcott, Henry Maine

1889

DOMESTIC EVENTS: Indian land in Oklahoma Territory opened to white homesteaders. ND, SD, MT, WA admitted as 39th-42nd states. **Wawoka**, medicine man to Nevada Paintes, orders performance of 'Ghost Dance' prohibited by War Department. Western Hemispheric nations opens. Johnstown (PA) Flood (May 31) kills thousands. Rural interest rates reach 18-24%; discontented farmers form Southern Alliance. Former Texas outlaw, **Belle Starr (Myra Belle Shirley)** shot dead by person or persons unknown.

INTERNATIONAL EVENTS: Influenza pandemic. France establishes protectorate over Ivory Coast; Italy claims protectorate over Ethiopia. Royal charter gives Cecil Rhodes's British South Africa Co. almost unlimited rights and powers of government in area north of Transvaal and west of Mozambique. French revanchiste General **Georges Boulanger** flees Paris after rumored coup-d'etat. Archduke **Rudolph** is found dead with his 17-year old mistress in his hunting lodge, Mayerling. London Dock Strike extends unionism to laborers. **Pedro II** abdicates -- Brazil declared a republic.

SCIENCE, TECHNOLOGY, AND COMMERCE: English chemists, **Frederick Abel** and **James Dewar**, patent cordite; Mayo Clinic has beginnings in St. Mary's Hospital in Rochester, MN; Johns Hopkins surgeon, **William Halsted**, performs first radical mastectomy; Otis Co. installs world's first elevators in Demarest Building, NYC. **Thomas Edison** invents first motion picture film in US.. Jones & Laughlin produce first Bessemer I-beam; Eiffel Tower completed for Paris Exposition. Wall Street Journal begins publication. **Richard Warren Sears** and **Alvah Roebuck** begin sending out mail order catalogues. **Torakasu Yamaha** founds Japanese Musical Instrument Mfg. Co. **Chris Rutt** and **Charles G. Underwood** develop first self-rising flour for pancakes, which they name "Aunt Jemima" after Rutt sees two blackfaced comedians do a New Orleans style cakewalk to a tune of that name.. Ceramist **Walter Scott Lenox**, 30, introduces Lenox china in Trenton, NJ. "**Buck**" **Duke** founds American Tobacco Co.

EDUCATION AND RELIGION: Barnard College, NY; Clemson College, SC; and the University of Idaho open; ;University of New Mexico chartered. 3% of population attends college. **Thomas Huxley** publishes Agnosticism. **Jane Addams** and **Ellen Gates Starr** found Hull House in Chicago.

SPORTS AND RECREATION: **Elizabeth "Nellie Bly" Cochrane**, 22, leaves Hoboken for her NY World sponsored world tour to beat "Phineas Fogg's" 80 days. "Flexible Flyer" and "safety bicycle" introduced. **Walter Camp** picks first All-American football team. **John L. Sullivan** defeats Jack **Kilrain** in last bare-knuckle championship fight. General Federation of Women's Clubs founded.

ART, LITERATURE, AND MUSIC: Winslow Homer paints "Gulf Stream;" **Van Gogh**, "Starry Night;" **Rosa Bonheur**, "'Buffalo Bill' Cody," **Mark Twain** publishes A Connecticut Yankee in King Arthur's Court;; **Theodore Roosevelt's**, Winning of the West; **Andrew Carnegie's** essay "Wealth;" **Henri Bergson's** Time and Free Will; **George Bernard Shaw's** Fabian Essays; **Rudyard Kipling's** poem, "Ballad of East and West. **Gilbert & Sullivan**, The Gondoliers; **John Philip Sousa**, "Washington Post March;" **Reginald DeKoven's** popular song, "Oh, Promise Me!"

BIRTHS: Adolf Hitler, Martin Heidegger, Ludwig Wittgenstein, Arnold Toynbee, Jean Cocteau, Charles Chaplin, George S. Kaufman, Edwin. P. Hubble **DEATHS:** Robert Browning, Jefferson Davis, Henry Grady.

1890

DOMESTIC EVENTS: Population: 62,947,714. Congress passes Sherman Anti-Trust Act to curtail monopolies, but with little initial impact. Sherman Silver Purchase Act supersedes Bland-Allison Act (1878) but continues government support of silver prices. McKinley Tariff Act increases US import duties to highest level yet - an average increase of 50%. United Mineworkers formed. ID and WY admitted to statehood; Mississippi passes poll tax and literacy test to prevent black vote. 11 million acres of Sioux lands in SD thrown open to white settlement; **Sitting Bull** arrested and shot; 350 Sioux men, women, and children massacred by Seventh Cavalry at Wounded Knee, SD. Widespread range wars between cattlemen and sheepmen.

INTERNATIONAL EVENTS: World population: 1.6 billion. **Wilhelm II** dismisses **Otto von Bismarck** as first Chancellor. **Cecil Rhodes** becomes prime minister of Africa's Cape Colony. Luxembourg splits from Netherlands upon death of **Willem III**. First Japanese elections -- franchise limited to 1% of population. **Charles Stewart Parnell** loses leadership of Irish National Party over his affair with **Katherine O'Shea**.

SCIENCE, TECHNOLOGY, AND COMMERCE: Berlin bacteriologist **Emil von Behring** and **Shibasaburo Kitazato** produce first tetanus and diphtheria antitoxins. Punch-card processing is pioneered by US engineer **Herman Hollerith**, 30, who draws inspiration from techniques of Jacquard Loom (1801) and player piano (1876); National Carbon Co. introduces first commercial dry cell battery under Ever Ready name. Rich iron ore deposits discovered in Minnesota's Mesabi region by 46-year old prospector, **Leonidas Merritt**; **Joseph Newton Pew**, 42, establishes Sun Oil Co. of Ohio. Engineer **James Ward Packard**, 27, and brother **William**, 29, start Packard Electric Co. at Warren, OH. **Henry Avery** produces first aluminum saucepan. Argentina defaults, causing near failure of Baring Brothers (saved by **Rothschilds** and Bank of England) and, in turn, a Wall St. panic when English investors dump US securities. In return for virtual control of Peru's resources, **W.R. Grace** -- financier and two-term NYC mayor -- assumes much of the debt Peru had accumulated in its victory over Chile in the War of the Pacific. NY Consumers League established.

EDUCATION AND RELIGION: Illiteracy estimated at 13.3%, down 3.7% over previous decade. University of Oklahoma and Oklahoma State founded; New York Evening Sun reporter, **Jacob Riis**, 51, publishes *How the Other Half Lives*. Colonial Dames of America and the Daughters of the American Revolution founded. Patent medicine dealer **Charles Crittenden** founds Florence Crittenden Missions for out-of-wedlock mothers. Scottish anthropologist, **James G. Frazer**, 36, pioneers study of myths and rituals in *The Golden Bough*, v1. **William James**, *The Principles of Psychology*.

SPORTS AND RECREATION: Congress establishes Yosemite and Sequoia National Parks. First Army-Navy football game, at West Point.

ART, LITERATURE, AND MUSIC: Irish-American artist **Thomas Hovenden** paints popular "Breaking Home Ties." **Van Gogh** paints his last canvas, "Black Crows over the Wheat Fields;" **Paul Cezanne**, "The Cardplayers." NY Illustrator **Charles Dana Gibson**, 22, creates his first "Gibson Girl" for *Life*, a humor weekly. **Louis Sullivan's** Wainwright Building goes up in St. Louis. **William Dean Howells** publishes *A Hazard of New Fortunes*. **Leo Tolstoy**, *The Kreutzer Sonata*; (banned by US Post Office); **Knut Hamsun**, *Hunger*. Posthumous publication of *The Poems of Emily Dickinson*. **Henrik Ibsen**, "Hedda Gabler." Tchaikovsky's ballet, "The Sleeping Beauty" at St. Petersburg. **Reginald DeKoven's** popular comic opera, *Robin Hood*, opens at Chicago Opera House. " **Aleksandr Borodin's** opera *Prince Igor* debuts. Australian balladeer, **Andrew Barton "Banjo" Peterson** composes "Waltzing Matilda." First moving picture film shown in NYC.

BIRTHS: Dwight Eisenhower, Harry Hopkins, Ho Chi Minh, Charles de Gaulle, Boris Pasternak, Karl Capek, Franz Werfel **DEATHS:** Cesar Franck, Arthur Rimbaud, Vincent Van Gogh

1891

DOMESTIC EVENTS: People's (Populist) Party launched in Cincinnati; Jim Crow laws enacted in AL, AR, GA, TN. New Orleans lynch mob kills 11 Sicilian immigrants acquitted of murdering police chief. Office of Superintendent of Immigration established. 900,000 more acres of Indian land in Oklahoma opened to white settlement. Congress passes International Copyright Act giving British, French, Belgian and Swiss authors protection.

INTERNATIONAL EVENTS: Triple Alliance of Germany, Austria, and Italy renewed for 12 years; Franco-Russian detente. Young Turk movement forms in Geneva. Coup d'etat in Brazil brings **Florians Peixoto** as dictator. Civil war in Chile. Hawaii's white elite sugar magnates, who control 80% of the arable land, form Hawaii League to overthrow new queen, **Lydia Liliuokalani**. Famine in Russia. Earthquake in Japan kills 10,000.

SCIENCE, TECHNOLOGY, AND COMMERCE: Black surgeon, **Daniel Hale Williams**, 33, establishes first US interracial hospital, Chicago's Provident Hospital, with first US nurses' training for black women (cf. 1893). **Hertbert Dow's** Midland Chemical Co. produces first commercial bromine. **Andrew Mellon** invests heavily in Pittsburgh Reduction Co., ancestor of Alcoa. Gold rush to Cripple Creek, CO, following **Robert Womack's** strike at Poverty Gulch. **Charles** and **Franklin Duryea** build gas road engine; Trans-Siberian Railroad underway (-1917), Russian convict labor. **Thomas Edison** patents a motion picture camera. American Express Travelers Cheques introduced, following example of England's **Thomas Cook** (1874). **George Batten** opens first full-service ad agency in NYC. **H.O. Havermeyer's** American Sugar Refining Co. (NJ) begins building "sugar trust." Inspired by **Charles Crocker's** Del Monte Hotel at Monterey, Del Monte label is used for first time. **Asa Candler** acquires Coca-Cola.

EDUCATION AND RELIGION: University of Chicago founded with Rockefeller and Marshall Field money. Drexel Institute (PA), California Institute of Technology, and American University (Wash, DC) founded. Committee of Ten on Secondary School Studies formed. **Leo XIII** issues papal encyclical, *Rerum Novarum*, opposing socialism but affirming moral duties of employers to improve position of workers.

SPORTS AND RECREATION: **James Naismith**, physical education director of Springfield (MA) YMCA Training College, invents basketball.

ART, LITERATURE, AND MUSIC: **Albert Pinkham Ryder** paints "Toilers of the Sea;" **Mary Cassatt**, "The Bath," **James Ensor**, "The Star of Bethlehem;" **Augustus Saint-Gaudens's** sculpture, "Memorial to Mrs. Henry Adams," **Henri de Toulouse-Lautrec's** first music-hall posters; Paul **Gauguin** leaves for Tahiti. **Hamlin Garland**, *Main-Traveled Roads*; **Ambrose Bierce**, *Tales of Soldiers and Civilians*; **William Morris's** political romance, *News from Nowhere*; **Thomas Hardy**, *Tess of the D'Urbervilles*; **Rudyard Kipling**, *The Light That Failed*; **George Gissing**, *New Grub Street*; **Oscar Wilde**, *The Picture of Dorian Gray*;" Carnegie Hall opens with concert directed by **Petr Ilich Tchaikovsky**; Chicago Symphony founded with **Theodore Thomas** conductor. First performance of "Piano Concerto No. 1 in F sharp minor" by **Sergei Rachmaninoff**, 18.

BIRTHS: Earl Warren, Sergei Prokofiev, Rudolf Carnap, Erwin Rommel **DEATHS:** Herman Melville, P.T. Barnum, George Bancroft

1892

DOMESTIC EVENTS: Democratic ticket of **Grover Cleveland** and **Adlai E. Stevenson** (IL) defeats **Benjamin Harrison** (IN) and **Whitelaw Reid** (NY), 5,554,414 to 5,190,802; Populist candidate **James B. Weaver** (IA) receives 1,027,329. Ellis Island opens Jan. 1 (-1954). Presidential decrees open 3 million acres of Arapaho and Cheyenne lands in Oklahoma and 1.8 million acres of Crow reservation in Montana to white settlement. Homestead Strike. (July 1-Nov.20). Boll weevil reported to have entered Texas. Cholera arrives in US. **Lizzie Borden** accused of murdering parents.

INTERNATIONAL EVENTS: British explorer, **Sir Harry Hamilton Johnson**, 34, subdues Angoni and Arab uprisings in Nyasaland; **Abbas II**, 18, succeeds Tewfik as Khedive of Egypt (-1914), is hostile to British influence and will eventually retake Sudan. French forces depose, **Behanzin**, King of Dahomey but encounter resistance from indigenous uprisings; French forces defeat the Fulani on the Upper Niger. Belgian forces subdue revolt of Arab slaveholders, introduce forced labor themselves. Australian troops suppress strikers at ports, mines, and sheep-shearing stations.

SCIENCE, TECHNOLOGY, AND COMMERCE: **John Muir** founds Sierra Club. Russian botanist **Dmitri Iosifovich Ivanovski**, 28, pioneers science of virology with discovery of filterable viruses. Chicago's first elevated railway opens. **Joseph S. Duncan** invents first Addressograph. Largest telescope built for Yerkes Observatory (WI). Union Carbide Corporation has its beginnings in Spray, NC; US Rubber created out of five-firm merger; Lancaster, PA; Mail-order and chain-store entrepreneur, **Robert H. Ingersoll**, introduces popular \$1 "Ingersoll" pocket watch. After Standard Oil Trust is outlawed under Sherman Anti-Trust Act, **John D. Rockefeller** recreates it as NJ holding company. General Electric Co. created through merger engineered by **J.P. Morgan**. Cold cream, book matches introduced. **Emile Frey**, 23, invents Liederkrantz cheese; Fig Newtons introduced.

EDUCATION AND RELIGION: Heresy trial of Union Theological professor, **Charles Briggs**, results in his suspension from ministry and the Seminary's severance of its Presbyterian ties. **Ida B. Wells** launches anti-lynching campaign in Memphis, receives death threats. Francis Bellamy composes "Pledge of Allegiance" for commemoration of Columbus's "discovery" of America. Construction begins on NY's St. John's the Divine.

SPORTS AND RECREATION: In first title match prizefight with gloves, **James John "Gentleman Jim" Corbett**, 26, scores knockout in 21st round over "Boston Strong Boy," **John L. Sullivan**. Florida: first state to observe **Jefferson Davis's** birthday (June 3). Vogue Magazine (NY) begins.

ART, LITERATURE, AND MUSIC: **Winslow Homer** paints "Coast in Winter." **Claude Monet** begins his Rouen Cathedral series. **Henri de Toulouse-Lautrec's** "At the Moulin Rouge." **Jimmie Swinnerton's** animal cartoons for SF Examiner: forerunner of comic strips. English novelist-playwright, **Israel Zangwill** publishes Children of the Ghetto. Jacob Gordin's "Jewish King Lear," debuts in NYC; **Oscar Wilde's** "Lady Windermere's Fan," **Henrik Ibsen's** "The Master Builder," **George Bernard Shaw's** controversial "Mrs. Warren's Profession." English imperialist poetry peaks with **Rudyard Kipling's** Barrack-Room Ballads and **William Ernest Henley's** "England, My England." **Petr Ilich Tchaikovsky** debuts his Nutcracker Suite at St. Petersburg; **Maurice Maeterlinck's** opera, Pelleas et Melisande; **Jack "Papa" Laine** forms Reliance Brass Band, a white appropriation of black "hot" music and ancestor of Dixieland. "Daisy Bell" ("A Bicycle Built for Two.")

BIRTHS: Edna St. Vincent Millay, Josip Tito, Haile Selassie **DEATHS:** Walt Whitman, John Greenleaf Whittier, Alfred Lord Tennyson,

1893

DOMESTIC EVENTS: Wall Street panic (June 27) punctuates economic depression: 600 banks fail; 15,000 businesses close; 74 railroads (including Reading) go into receivership. **Grover Cleveland** repeals Sherman Silver Purchase Act, returning US to gold standard; silver price plunges. White Hawaiian annexationists overthrow Queen **Liliuokalani** with support of US minister. **John L. Stevens**; armed marines land to "protect" US interests. **Charles T. Kelly's** 1,500-man "army of the unemployed" arrives in Washington to demand relief from Congress. US. Women's suffrage in CO.

INTERNATIONAL EVENTS: **Lobengula**, king of the Matabele, leads a revolt against **Cecil Rhodes's** British South Africa Co., but **Leander Starr Jameson** cuts the Matabele down with machine-gun fire and suppresses the revolt. Transvaal annexes Swaziland. France establishes colonies of Guiana and the Ivory Coast and a protectorate in Laos. James **Keir Hardie**, 37, a former miner, helps found the Independent Labour Party in Britain.

SCIENCE, TECHNOLOGY, AND COMMERCE: World's Columbian Exposition opens May 1 in Chicago. US engineer **Gale Ferris** designs world's first "Ferris Wheel" for Midway. Chicago surgeon, **Daniel Hale Williams** (c. 1891) performs first successful open heart surgery. **William Osler**, 44, and **William H. Welch** help found The Johns Hopkins Medical School and Hospital. German-American engineer and socialist refugee, **Charles Proteus [Karl August Rudolf] Steinmetz**, 28, makes use of AC current commercially feasible. **Karl Benz** and **Henry Ford** road test their first cars. Klondike oil rush. Joseph Pulitzer installs four-color rotary press at New York World. Sears & Roebuck name used for first time. Brooklyn's Abraham & Straus store and Newark's Bamberger department store open. NYC's Waldorf Hotel opens. **H.D. Perky** introduces Shredded Wheat; T.S. Amidon's Cream of Wheat, **R.T. Davis's** "improved" Aunt Jemima Cake Mix, **C.W. Post's** Postum, **William Wrigley's** Juicy Fruit and Spearmint Gum and **Milton Snavely Hershey's** chocolate have their beginnings. **Samuel Sidney McClure** begins publishing McClure's Magazine, at 15 cents a copy.

EDUCATION AND RELIGION: American University and Montana State U. chartered. **Frederick Jackson Turner's** paper, "The Significance of the Frontier in American History." English naturalist Mary Kingsley explores West Africa. **Marshall Field** underwrites Field Museum in Chicago. Social worker **Lillian Wald** founds Livingston St. Settlement in NYC. Mormon Temple dedicated in Salt Lake City. Bahai faith introduced into US.

SPORTS AND RECREATION: **J.P. Morgan** commissions **Stanford White** to build Metropolitan Club (NY). Paris students witness world's first striptease at Bal des Quatre Arts (Feb.9) ; gendarmes intervene. Yale and Johns Hopkins introduce ice hockey to US.

ART, LITERATURE, AND MUSIC: "Art Nouveau" sweeps Europe. **Toulouse-Lautrec** posters promote prints of **Ando Hiroshige** and **Utamara** and Japonisme generally. **Edvard Munch**, 29, paints "The Cry". **Stephen Crane** writes Maggie, A Girl of the Streets. **Arthur Conan Doyle** "kills off" his character, Sherlock Holmes. **Arthur Wing Pinero**, "The Second Mrs. Tanqueray," **Anton Dvorak's** New World Symphony debuts at Carnegie Hall **Giuseppe Verdi's** opera, **Falstaff**. **Engelbert Humperdinck**, Hansel und Gretel debuts at Weimar. Popular NYC stage musical, "A Trip to Chinatown," **Florenz Ziegfeld**, 25, begins career by staging Midway shows at World's Columbian Exposition. Kindergarten teacher, **Mildred Hill**, and her sister **Patty Smith Hill**, compose "Happy Birthday to You." "Fred Ott's Sneeze" filmed at Edison Studio, West Orange, NJ.

BIRTHS: Cole Porter, Mary Pickford, Dean Acheson, Herman Goerring, Mao Tse Tung, Jomo Kenyatta (?)
DEATHS: Rutherford B. Hayes, Francis Parkman, Edwin Booth, Fanny Kemble, Peter Ilich Tchaikovsky, Jean Martin Charcot, Guy de Maupassant

1894

DOMESTIC EVENTS: Economic depression deepens: 750,000 workers on strike. President Cleveland uses troops to break American Railway Union's strike against Pullman Palace Car Co. ARU president **Eugene V. Debs** arrested. **Jacob Coxey's** army of the unemployed arrives in Washington: Coxey arrested. Labor Day: legal holiday. US recognizes Republic of Hawaii. Wilson-Gorman Tariff Act includes federal income tax provision, later declared unconstitutional. China consents to exclusion of Chinese laborers. Immigration Restriction League forms in Boston.

INTERNATIONAL EVENTS: **Nicholas II** succeeds **Alexander III** as czar of Russia. Uganda declared British protectorate; Italy takes Sudan and Kassala from Dervishes; Dutch suppress revolt in East Indies. Dahomey proclaimed a French colony. French army captain **Alfred Dreyfus**, 35, court-martialled on false charge of passing military information to Germans; height of anti-Semitism in France, prompting Viennese journalist **Theodore Herzl** to write Zionist manifesto, The Jewish State and **Emile Zola** to pen J'Accuse (1898). Japanese seize Seoul Korea and declare war on China.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Shibasaburo Kitazato** and **A.E.J. Yersin** isolate the etiological agent of bubonic plague. Scottish chemist **William Ramsay**, 42, discovers argon. First Caesarean section performed, in Boston. **Louis Lumiere** invents cinematograph. **J.P. Morgan** and **Thomas Fortune Ryan** reorganize bankrupt railroads into Southern Railway Co.; Union Station (St. Louis) and North Station (Boston) open. Oil discovered in Corsicana, Texas. **John M. Browning's** Winchester (M1894) lever action rifle introduced. **Gimbel Brothers** open largest retail store, in Philadelphia. US wheat at 49 cents/bushel, down from \$1.09 in 1870. Hershey Bar, Tapioca introduced. Ralston Purina Co. begins in St. Louis.

EDUCATION AND RELIGION: Radcliffe College for Women opens after 15 years of opposition from Harvard president **Charles W. Eliot**.

SPORTS AND RECREATION: First US Open golf tournament held at St. Andrews Gold Club in Yonkers, NY; first Penn Relays, at Philadelphia. First recorded automobile race: Paris to Rouen (78 miles). Yale baseball team introduces first "squeeze play" in game vs. Princeton. Jockey Club formed.

ART, LITERATURE, AND MUSIC: Lithuanian-American art critic, **Bernard Berenson**, writes *The Venetian Painters of the Renaissance*.

Edouard Degas, “Femme a sa toilette;” **Matthew Corbett**, “Morning Glory.” **Aubrey Beardsley**, 22, art editor of London’s *Art Nouveau Yellow Book*, does the drawings for **Oscar Wilde’s** *Salome*. **Louis Comfort Tiffany** incorporates Art Nouveau designs in his trademarked *Farvile* glass. **Henry Demarest Lloyd** publishes his expose of Standard Oil, *Wealth Against Commonwealth*; **Lafcadio Hearn’s** sympathetic *Glimpses of Unfamiliar Japan*; **William Dean Howells’s** utopian novel, *A Traveler from Altruria*; Mark Twain, **Puddn’head Wilson**; (Sir) **Anthony Hope’s** popular historical romance, *The Prisoner of Zenda*. Englishman **George du Maurier’s** best-selling novel of Bohemian life, *Trilby*. **Rudyard Kipling’s**, *Jungle Book*. **Edward MacDowell’s** *Concerto No. 2 in D Minor for Piano and Orchestra*; **Claude Debussy’s** ballet, *Afternoon of a Faun*, **Jan Sibelius**, “Finlandia;”. **Anton Dvorak’s** popular piano composition, “Humoresque;” **Charles B. Lawlor** composes “The Sidewalks of New York,” with lyrics by **James W. Blake**. Boston’s \$1 million B.F. Keith Theater opens with **Weber and Fields** vaudeville act. Billboard has its beginnings in Cincinnati.

BIRTHS: e.e. cummings, James Thurber, Dorothy Thompson, Nikita Khrushchev, **DEATHS:** Oliver Wendell Holmes, R.L. Stevenson.

1895

DOMESTIC EVENTS: Depression continues. US Treasury floats \$62 million loan from banking houses of **J.P. Morgan** and **August Belmont**. Supreme Court upholds **Eugene V. Debs’s** conviction in Pullman case. Booker T. Washington makes his famous “Atlanta Compromise” speech at the Cotton States Exposition. Six Populist Senators and seven Representatives in 54th Congress. Word “feminist” appears for first time in April 27 issue of English literary weekly *Athenaeum*. Utah grants women suffrage after campaign by Mormon journal, *Women’s Exponent*.

INTERNATIONAL EVENTS: After Japanese victory at Wei-hai-wei, China recognizes Korean independence and cedes Formosa, Port Arthur and the Liao Tung Peninsula to Japan. **Jose Marti** and **Maximo Gomez y Baez** lead Cuban insurgents in abortive revolution against Spanish rule. British Niger Co. declares protectorate over Busa, near Dahomey. Britain gives name “Rhodesia” to territory controlled by the South Africa Co. south of the Zambezi in honor of **Cecil Rhodes**. At Rhodes’s behest, **Leander Starr Jameson** leads raid on Transvaal in effort to foment anti-Boer rebellion. Britain annexes Togoland to block Transvaal’s access to sea. Italian troops advance on Ethiopia. French Trades Union Congress at Nantes adopts principle of general strike. **Vladimir Ilich Ulyanov** (later **Lenin**), 25, founds League of Struggle for the Emancipation of the Working Class.

SCIENCE, TECHNOLOGY, AND COMMERCE: Bavarian physicist **Wilhelm Conrad Roentgen** discovers X-ray. **Sigmund Freud** publishes his *Studies in Hysteria*. German engineer, **Rudolf Diesel**, invents engine that operates on less highly refined and costly fuel. **Guglielmo Marconi**, 21, pioneers wireless telegraphy in Bolgna, Italy. **Andre** and **Edouard Michelin**, first to put pneumatic tires on motorcars **John Thomas Underwood** founds typewriter company in NYC. Beatrice Foods has its beginnings at Beatrice, NE. John **Harvey Kellogg** introduces first flaked cereal: Granose. First US pizzeria opens in NYC. Wesleyan professor, **Wilbur Olin Atwater**, first applies word “calorie” to food. **Addison Igleheart** introduces Swans Down cake flour in Evansville, IN. Pocket Kodak marketed. **William Randolph Hearst** acquires *NY World*, *Denver Post*, *Collier’s Weekly*, *Field & Stream* begin publishing. Bobbs-Merrill founded. U.S. Supreme Court upholds **H.O. Havemeyer’s** Sugar Trust in US vs. E.C. Knight Co.

EDUCATION AND RELIGION: London School of Economics and Political Science founded. Merger creates NY Public Library.

SPORTS AND RECREATION: Millionaire **James Tufts** founds Pinehurst Country Club on 5000 acres of The Barrens, SC. American Bowling Congress (10-pin) founded.. Infield fly rule introduced in baseball. YMCA director, **William G. Morgan**, 25, invents volleyball in Holyoke, MA.

ART, LITERATURE, AND MUSIC: **Stanford White's** Washington Arch (NY) completed. In Asheville, NC, **Richard Morris Hunt's** Biltmore House, a \$4.1 million, 250-room home for **William K. Vanderbilt, II**, 33, completed.; **Louis Sullivan's** Prudential Guaranty Building, in Buffalo. **Stephen Crane,**The Red Badge of Courage; **H.G. Wells,'s** The Time Machine. **Joseph Conrad's,** Almayer's Folly. **Henry Sienkiewicz's** bestselling Quo Vadis. **Frank Burgess's** poem, "Purple Cow." **W.B. Yeats,** Poems; **Paul Laurence Dunbar,** Majors and Minors. **Oscar Wilde** brings unsuccessful libel action against **Marquess of Queensbury** and is sentenced to two years imprisonment for homosexuality. **Gustav Mahler,'s** Second Symphony ('The Resurrection'): **Katherine Lee Bates** poem set to music of **Samuel Ward's** "Materna," becomes "America the Beautiful."

BIRTHS: Oscar Hammerstein, Babe Ruth, Lewis Mumford, Edmund Wilson, Buckminster Fuller, Carl Orff, Paul Hindemith, Juan Peron, Nicolai Bulganin **DEATHS:** Frederick Douglass, Jose Marti, Louis Pasteur, Frederich Engels, T.H. Huxley, Berthe Morisot.

1896

DOMESTIC EVENTS: Republican **William McKinley** (OH), 53, defeats the Democratic and Populist candidate, **William Jennings Bryan** (NE): 7,104,779 to 6,502,925 (271-176 electoral) votes. The Supreme Court upholds racial segregation with the "separate but equal" doctrine in Plessy v. Ferguson. Utah admitted to statehood; Idaho amends its constitution to grant women's suffrage. Rural free postal delivery established.

INTERNATIONAL EVENTS: Boers capture **L. Starr Jameson**; **Cecil Rhodes** resigns premiership of Cape Colony, is later revealed to have engineered the Jameson raid on the Transvaal.. British forces take Coomassie in the Fourth Ashanti War, imprison Ashanti king. General **H.H. Kitchener** leads Anglo-Egyptian troops in reconquest of Sudan. Sierra Leone declared a British colony. French proclaim Madagascar a French colony. Abyssinians defeat Italians at Adowa, forcing Italy to sue for peace. Shah of Persia assassinated. On Crete Greeks foment revolt against Turkey; Turkish troops massacre Armenians following Armenian revolutionaries' attack on Ottoman Bank. Japanese earthquake kills 27,000.

SCIENCE, TECHNOLOGY, AND COMMERCE: French physicist **Antonie H. Becquerel** discovers radioactivity in uranium. British pathologist, **Alroth E. Wright** develops antityphoid inoculation. Smithsonian astronomer **Samuel P. Langley** pioneers in aviation with a 3,000-foot flight of a steam-powered model airplane. **Francis** and **Freeling Stanley** introduce the Stanley Steamer motorcar.. **Henry Ford** builds his Quadricycle. First subway in Europe opens, in Budapest. US prospector **George W. Carmack** discovers gold along Canada's Yukon River, begins Klondike gold rush. **Adolph Ochs** acquires control of New York Times." **Alfred Harmsworth** begins publishing the London Daily Mail. Tootsie Rolls, Cracker Jacks, Michelob Beer, and S&H Green Stamps introduced. **John T. Wanamaker** opens his NY store in **A.T. Stewart's** cast-iron retail palace.

EDUCATION AND RELIGION: Adelphi College (NY) founded; Canadian Red Cross established. **Mary Eliza Terrell** founds National Association of Colored Women. Nobel Prizes established. Former baseball player **Billy Sunday** begins evangelical career.

SPORTS AND RECREATION: French sportsman, **Pierre de Fredy**, 33, and Greek nationalists revive the Olympic games. New York World introduces **R.F. Outcault's** comic, "The Yellow Kid." First advice-to-the-lovelorn column: **Elizabeth Gilmer's** "Dorothy Dix" in New Orleans Picayune.

ART, LITERATURE, AND MUSIC: **Thomas Eakins** paints "The 'Cello Player." **Harold Frederick's** controversial novel, The Damnation of Theron Ware.. Kansas minister, **Charles Sheldon** publishes best-selling inspirational novel, In His Steps. Polish novelist, **Henry Sienkiewicz**, 50, publishes popular religio-historical romance, Quo Vadis. **Burt L. Standish (William G. Patten)** writes first of his popular series for Street & Smith, Frank Merriwell, or First Days at Fardale. A.E. Houseman collects his bitter, lyric poetry in A Shropshire Lad. Nicaraguan poet **Ruben Dario (Felix Ruben Garcia Sarmiento)** publishes Prosas Profanas. **William Gillette** opens in his own popular play, "Secret Service;" **Anton Chekov's** play, "The Sea Gull," debuts in St. Petersburg.;" **Alfred Jarry's** avant-garde "Ubu Roi" opens in Paris. Oscar Wilde in Reading Gaol. First performances of **Giacomo Puccini's** La Boheme. **Edward MacDowell** publishes his Indian Suite, which makes use of Native-American melodies

BIRTHS: John Dos Passos, F. Scott Fitzgerald **DEATHS:** Harriet Beecher Stowe, Edward Bellamy, William Morris, Anton Bruckner, Alfred Nobel, Paul Verlaine.

1897

DOMESTIC EVENTS: President Cleveland vetoes immigration bill for its literacy test. **William McKinley** inaugurated. Pressed by Hawaiian sugar planters, US annexes Hawaiian Islands over Japanese protest. An American locomotive engineer, **Lee Christmas**, aids Honduran revolution and is celebrated in Richard Harding Davis's novel, *Soldiers of Fortune*.

INTERNATIONAL EVENTS: British Parliament censures **Cecil Rhodes** for Jameson raid on Transvaal. Britain threatens war over French incursions in Africa, sends troops to occupy Benin (Nigeria) in protest over human sacrifices, and agrees to arbitrate boundary dispute with Venezuela. Belgian forces reach Nile, defeat Sudan dervishes, but are challenged in September by a great mutiny as the Batetelas revolt along the Upper Congo in an insurrection that will last until 1900. Zanzibar abolishes slavery. German forces occupy part of North China following murder of 2 German missionaries. Armistice in Greco-Turkish war over Crete. Cubans insist on complete independence from Spain. Severe famine in India.

SCIENCE, TECHNOLOGY, AND COMMERCE: English physicist **J.J. Thomson**, evaluates ratio of charge and mass of electron. German physicist, **Karl Braun**, pioneers cathode-ray tube. British physician, **Ronald Ross**, identifies Anopheles mosquito as malaria carrier. First US subway completed, in Boston. Republican Congress passes Dingley Tariff Act: its average 57% rise is highest yet. **Herbert H. Dow** founds Dow Chemical Co. (MI); Continental Casualty Co. formed in Chicago, pioneers accident and health insurance. English businessman, **W.H. Lever**, introduces Lifebuoy Soap. **Aaron and Samuel Bloch** (WV) introduce Mail Pouch Tobacco. Boston's **H.P. Hood** begins distributing milk in glass bottles; **Philip Armour** breaks 29-year old **Joseph Leiter's** effort to corner the Chicago wheat market. **C.W. Post** encloses his pamphlet, "The Road to Wellville" in each box of his new Grape Nuts cereal. The St. Louis livestock food company, Danforth-Robinson, introduces its Purina cereal. Cough-medicine manufacturer, **Pearl B. Wait**, announces his new product, Jell-O, an 88% sugar concoction based on an 1845 **Peter Cooper** recipe.

EDUCATION AND RELIGION: Entire faculty of Kansas Agricultural College dismissed for failure to support Populist policies. Mrs. Theodore Birney founds National Congress of Mothers. **Havelock Ellis** publishes first of his *Studies in the Psychology of Sex*. **Theodore Herzl** and **Max Nordau** lead first Zionist Congress, at Basel. **Alfred Dreyfus's** brother, Matthieu, calls for new trial after discovering forged evidence in first trial.

SPORTS AND RECREATION: First filmed boxing match: Gentleman **Jim Corbett's** defeat by "Bob" **Fitzsimmons**. **Rudolph Dirks** introduces first comic strip, "The Katzenjammer Kids," in the *New York World*. "Yellow Journalism" takes off. *Jewish Daily Forward* and *Woman's Home Companion* begin publication. *New York Sun* editor, **Frank Church**, writes "Yes, Virginia, There is a Santa Claus." First Cheyenne (WY) rodeo.

ART, LITERATURE, AND MUSIC: **Henri Rousseau** paints "The Sleeping Gypsy." Vienna's "Secession" School of Painting. **Henry James** writes *The Spoils of Poynton* and *What Maisie Knew*; **Joseph Conrad** publishes *The Nigger of the Narcissus*; **Rudyard Kipling**, *Captains Courageous*; **H.G. Wells**, *The Invisible Man*; **Bram Stoker**, *Dracula*, **Andre Gide**, *Fruits of the Earth*. **Edward Arlington Robinson's** collects his verse in *Children of the Night*. **Edmond Rostand's** romantic play, "Cyrano de Bergerac;" **George Bernard Shaw's** "Candida" opens. **John Philip Sousa's** "Stars and Stripes Forever." **Paul Dresser's** popular "On the Banks of the Wabash." **Paul Dukas** debuts his "The Sorcerer's Apprentice" in Paris.

BIRTHS: **William Faulkner**, **Thornton Wilder**, **Bernard De Voto** **DEATHS:** **Henry George**, **Johannes Brahms**, **Alphonse Daudet**

1898

DOMESTIC EVENTS: The Feb. 15 explosion and sinking of the US battleship *Maine* in Havana Harbor, killing 260, two months later precipitates the 112-day Spanish-American War. Assistant Secretary of the Navy **Theodore Roosevelt** authorizes Admiral **Dewey's** destruction of the Spanish fleet in Manila Harbor; TR resigns to form Rough Riders. Peace protocol (Aug. 12) leads to formal Treaty of Paris (Dec.10) in which Spain cedes Cuba, Puerto Rico, Guam, and, for \$20 million, the Philippines. President McKinley signs Congressional resolution to annex Hawaiian Islands.

INTERNATIONAL EVENTS: Russia, Britain, and France obtain concessions in China. **Tzu-hsi**, Dowager Empress of China, seizes power and revokes reforms as Boxers organize to resist westernization and Christianity. At Omdurman General **Horatio Kitchener** annihilates the army of Khalifa, Arab leader of the Mahdists; he then retakes Khartoum from the dervishes and forces the French to evacuate Fashoda on the White Nile. **Emile Zola's** pamphlet, *J'Accuse*, leads to his imprisonment but forces new trial for Captain **Alfred Dreyfus**, jailed for treason on Devil's Island. Colonel Henry admits forgery of document that convicted Dreyfus in anti-Semitic plot, but Dreyfus will not be released and restored to rank till 1906. Italian anarchist assassinates Empress **Elizabeth** of Austria. Bubonic plague sweeps China and India, will kill 3 million in next decade.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Marie Curie**, 31, and her husband, **Pierre**, 39, isolate radium. **William Ramsay** discovers xenon, krypton, and neon. Japanese bacteriologist **Hiroshi Shiga** isolates dysentery bacillus; German Count **Ferdinand von Zeppelin** builds his first airship. German pharmaceutical firm, F. Bayer & Co., introduces heroin under that brand name as a cough suppressant. German bicycle maker, **Adam Opel**, introduces his motorcar; Renault motorcar introduced in Paris and **Frank A. Sieberling** founds Goodyear Tire and Rubber Co. in Akron. **George Hendee** builds his first Indian motorcycle. Union Carbide formed in Chicago. Mergers produce Republic Steel and National Biscuit Co.. **John H. Nicholson** and **Sam Hill** form Gideons' International in Wisconsin to put "Word of God" in hands of unconverted. **William Morris** Agency opens in NYC; **Louis Vuitton** brands his luggage; Bonwit Teller opens in NY. Uneda Biscuit and Pepsi-Cola introduced. Campbell Soups appear in red and white label, suggested by colors of Cornell football team. **Sunset** magazine debuts, to promote Southern Pacific Railroad.. Paris Metro opens.

EDUCATION AND RELIGION: Northeastern University (MA) founded. Union of Orthodox Jewish Congregations formed.

SPORTS AND RECREATION: Canadian-American yachtsman **Joshua Slocum**, 54, completes first one-man sail around the world in sloop, *Spray*.

ART, LITERATURE, AND MUSIC: German artist, **Kathe Kollwitz**, publishes her "Weavers" prints. **John Duncan's** 80-foot arch and **Stanford White's** columns grace Brooklyn's Grand Army Plaza. National Institute of Arts and Letters founded. **Henry James** writes *The Turn of the Screw*; **Stephen Crane** publishes *The Open Boat and Other Stories*. **Finley Peter Dunne**, Mr. Dooley in Peace and War. **H.G. Wells**, *The War of the Worlds*; **Oscar Wilde's** *The Ballad of Reading Gaol*. **Konstantin Stanislavski** opens Moscow Art Theatre; **Arturo Toscanini** appears at La Scala in Milan. Last year's tune "There'll be a Hot Time in the Old Town Tonight" popularized by soldiers.

BIRTHS: **Paul Robeson**, **George Gershwin**, **Leo Szilard**, **Henry Moore**, **Alexander Calder**, **Chou En-lai**, **Berthold Brecht**, **Frederico Garcia Lorca** **DEATHS:** **Otto von Bismarck**, "Lewis Carroll," **Henry Bessemer**, **Aubrey Beardsley**, **Gustave Moreau**, **Stephane Mallarme**

1899

DOMESTIC EVENTS: Filipino revolutionary, **Emilio Aguinaldo**, leads revolt against US forces of occupation, is forced to retreat to Tarlac by General **Arthur MacArthur**, **Douglas MacArthur's** father. Secretary of State **John Milton Hay**, 61, proposes "Open Door" policy in China, allowing all great powers equal commercial opportunity in spheres of special interest. US annexes part of Samoa; Congress creates Isthmian Canal Commission. **John Mitchell**, 29, founds United Mine Workers. Boll weevil crosses Rio Grande, spreading north and east.

INTERNATIONAL EVENTS: Boer War begins in South Africa Oct. 12 as President **Paul Kruger** of the Boer Republic acts to block suspected British moves toward the Transvaal goldmines. Boer siege of Mafeking begins. West Africa's Ashanti stage their last uprising against the British. **Charles Maurras** founds Action Francaise, a right-wing political movement, following defeat of anti-Dreyfusards. German Social Democrats abandon orthodox Marxism. Civil war breaks out in Colombia between conservatives and Panamanian separatists, will take nearly 100,000 lives by 1902.

SCIENCE, TECHNOLOGY, AND COMMERCE: German researchers perfect aspirin, to be first marketed in 1905 under Bayer tradename. NYC's Nippon Electric Co. established in Japan, with 54% of stock owned by Western Electric. **Andrew Carnegie** consolidates his properties into Carnegie Steel.. **Leonard** and **Adolph Lewisohn** found Amalgamated Copper Co. and purchase Anaconda Mine at Butte (MT), then form American Smelting & Refining Co as \$75 million trust in competition with (**Meyer**) **Guggenheim** Exploration Co. **E.I. DuPont de Nemours** incorporates in DE, controls 95% of US gunpowder production; 30 US and Canadian firms merge to form International Paper Co. (NY) in rivalry with Union Bag & Paper, a \$27 million trust. J.P. Stevens founded. **Minor Keith** and Boston Fruit Co. incorporate as United Fruit Co. American Sugar Refining Co. has near total monopoly. **Carl Swanson**, Swedish-American grocer, begins business in Omaha. **David Wesson**, 38, perfects his oil. **Giovanni Agnelli** founds FIAT. **Henry Ford** joins Detroit Auto Co. as chief engineer; **Sebastian Spring Kresge**, 31, begins chain-store empire in Detroit.

EDUCATION AND RELIGION: Simmons College (MA) and San Francisco State College founded. **John Dewey** publishes School and Society. **Thorstein Veblen** introduces concept of "conspicuous consumption" in his Theory of the Leisure Class. First International Women's Congress held.

SPORTS AND RECREATION: US prizefighter **James Jeffries**, 24, wins world heavyweight title from **Bob Fitzsimmons**. Theodore Roosevelt gives his speech on "The Strenuous Life" in Chicago. American League formed.

ART, MUSIC, AND LITERATURE: **Charles Dana Gibson** makes first "Gibson Girl" sketches.. **Frank Lloyd Wright's** J.A. Husser House, early example of Prairie Style. **Charles Chesnutt** publishes The Conjure Woman. **George Ade's** humorous Fables in Slang. **Kate Chopin's** The Awakening, banned in Boston. **Elbert Hubbard's** inspirational story, "A Message to Garcia." **Edwin Markham's** poem, "The Man With the Hoe." **Frank Norris's** naturalist novel, McTeague. **Rudyard Kipling's** poem, "The White Man's Burden," appears in McClures, as a message to America. **Edward Stratenmeyer**, 36, begins first of his 30 Rover Boys books. Scott Joplin's "Original Rag" and "Maple Leaf Rag" are first ragtime piano pieces to appear in sheet music. **James Weldon Johnson**, 28, and brother **Rosamond**, 26, compose "Lift Every Voice and Sing."

BIRTHS: Ernest Hemingway, Alan Tate, Hart Crane, Elizabeth Bowen, Francois Poulenc, Noel Coward, Jorege Luis Borges, Vladimir Nabokov. **DEATHS:** Horatio Alger, Dwight Moody, Alfred Sisley, Johann Strauss.

1900

DOMESTIC EVENTS: Population: 75,994,575. Republicans **William McKinley** (OH) and **Theodore Roosevelt** (NY) defeat Democrat **William Jennings Bryan** (NE) and **Adlai Stevenson** (IL) 7,219,430 to 6,358,071 (292-155 electoral) votes; Prohibitionist candidate **John Woolley** nets 209,166 votes, Social Democratic Party candidate **Eugene V. Debs**, 94,768. Mckinley appoints **Sanford B. Dole** first governor of Hawaii Territory. Emboldened by Klondike and South African strikes, Congress puts US on gold standard. Hurricane levels much of Galveston (TX), killing 6,000; its restoration proceeds under experimental "city commission" government. **John Luther (Casey) Jones** dies at throttle of Cannon Ball Express (MS).

INTERNATIONAL EVENTS: World population: 1.55 billion. Following the fall of Johannesburg and Pretoria, Boers resort to guerilla war against British, who annex Orange Free State and Transvaal. Lord **Kitchener** puts 120,000 Boer women and children in concentration camps, where 20,000 will die of disease and neglect. Labour Party formed in Britain; Tories come to power in famous "Khaki" election. Boxer Rebellion rocks China: 55-day siege of foreign legations in Peking relieved by international expeditionary force; Russia seizes Southern Manchuria. Italy's **Umberto I** assassinated by anarchist. **Nicolai Lenin** returns from 3-year term in Siberia, begins publication of Iskra (Spark).. **Arthur Griffith** organizes Sinn Fein in Ireland.

SCIENCE, TECHNOLOGY, AND COMMERCE: German physicist, **Max Planck**, announces new quantum theory of energy. **Gregor Mendel's** genetic laws (1865) discovered and published for the first time. Austrian-born American pathologist **Karl Landsteiner** isolates A,B, and C blood types. Major **Walter Reed**, 49, demonstrates transmission of yellow fever virus by mosquito. Bubonic plague reaches Hawaii and San Francisco. British archeologist, **A.J. Evans**, unearths Minoan palace at Knossos on Crete. **Harvey S. Firestone**, founds Firestone Tire & Rubber Co. in Akron. Eastman Kodak introduces Brownie box camera at \$1. Paris Metro and Trans-Siberian Railway open. Escalator demonstrated at Paris Exposition. Honeydew melons introduced. **Henry Perkey** erects model Shredded Wheat factory at Niagara Falls. **Louis Lassen** pioneers hamburger at his 3-seat Louie's Lunch in New Haven. "His Master's Voice" trademark (Francis Barraud's "Nipper") introduced by Consolidated Talking Machine Co..

EDUCATION AND RELIGION: Carnegie Institute of Technology founded. College Entrance Examination Board founded. **Sigmund Freud** publishes The Interpretation of Dreams. **Ellen Key**, The Century of the Child. Shintoism reinstated in Japan. US: 12 million Catholics; 6 million Methodists, 5 million Baptists, 1.5 million Lutherans, 1.5 million Presbyterians, 1 million Jews, 700,000 Mormons, 80,000 Christian Scientists, 75,000 Unitarians.

SPORTS AND RECREATION: 32 nations in Paris Olympic games. First Davis Cup tennis match, trophy donated by Harvard grad. **Carry Amelia Nation** begins her anti-saloon temperance crusade in Kansas. Post-debutante **Mary Harriman** founds first Junior League, in NYC. **Minna and Ada Everleigh** open the country's most elegant sporting house, the Everleigh Club, in Chicago. **Erich Weiss**, 26 (**Houdini**) gains worldwide fame.

ART, LITERATURE, AND MUSIC: **John Singer Sargent** paints "The Wyndham Sisters." **Pablo Picasso**, 19, paints "Le Moulin de la Galette." **Theodore Dreiser's** Sister Carrie suppressed. **Frank L. Baum** publishes The Wonderful Wizard of Oz; **Helen Bannerman**, Little Black Sambo; **Ellen Glasgow**, The Voice of the People; **Joshua Slocum**, Sailing Alone Around the World; **Henri Bergson**, On Laughter. **Giacomo Puccini's** opera Tosca debuts in Rome. Popular US tune:: "A Bird in a Gilded Cage." Booking agent **Charles Frohman** forms NY's Theatrical Syndicate in competition with Lithuanian immigrants, **Sam, Lee**, and **Jacob Shubert**. Vaudeville theater owners increase use of movies to break strike by actors organized in the "White Rats" union. Turkey Trot becomes popular dance. **Isadora Duncan** debuts in Paris.

BIRTHS: Aaron Copland, Thomas Wolfe, Kurt Weill, Ignazio Silone, Antoine de Saint-Exupery
DEATHS: Stephen Crane, Frederick Church, Friedrich Nietzsche, John Ruskin, Oscar Wilde, Arthur Sullivan

1901

DOMESTIC EVENTS: **William McKinley** inaugurated; assassinated six months later by self-proclaimed anarchist, **Leon Czolgosz**. **Theodore Roosevelt** becomes president. Philippine insurgent leader **Emilio Aguinaldo** is captured, takes oath of allegiance to US, ending rebellion. Cuba agrees to Platt Amendment making it a US protectorate as condition for removal of American troops. Supreme Court denies citizenship rights to Puerto Rico in Insular Cases. Britain consents to American control of Isthmus Canal. **Eugene V. Debs** and **Morris Hillquit** organize Socialist Party.

INTERNATIONAL EVENTS: **Queen Victoria**, 81, dies after a 64-year reign; **Edward VII** succeeds her. Commonwealth of Australia formed, establishes a "White Australia Policy" in its immigration laws. Boer guerilla war continues. Boxer Rebellion ends, with China obliged to pay indemnities to world powers.

SCIENCE, TECHNOLOGY, AND COMMERCE: First Nobel Prize for physics goes to **W.C. Roentgen**. Adrenaline (epinephrine) isolated by Japanese-American chemist, **Jokichi Takamine**, a consultant for Parke-Davis, Rockefeller Institute for Medical Research founded in NYC. Spindletop gusher at Beaumont (TX) marks biggest oil strike in US; half of world's oil output comes from Russia's Baku oil fields, developed by **Rothschild** interests and **Ludwig Nobel** (Alfred's brother). **J.P. Morgan** underwrites creation of U.S. Steel out of Carnegie and other companies. Mergers produce Allis-Chalmers Co.(machinery) and Johns-Manville Co. (asbestos insulation) in Milwaukee and American Can Co.; Sylvania Electric Co. formed to produce light bulbs. **Meyer Guggenheim** and sons gain control of copper trust. **John F. Queeny** founds Monsanto Chemical Co. in St. Louis to manufacture saccharin. Jergen's Lotion introduced. **William Normann** invents hydrogenation process to extend shelf-life of foods; Japanese-American chemist **Satori Kato**, invents first soluble instant coffee. Quaker Oats founded; Good Housekeeping (testing) Institute founded.

EDUCATION AND RELIGION: Idaho State University and Whittier College (CA) founded. **Andrew Carnegie** gives NY Public Library \$5.2 million to open its first branches. **Rudolph Steiner** founds Anthroposophy; **Rabindrath Tagore** opens his Santiniketan School in Bengal.

SPORTS AND RECREATION: England legalizes prizefighting.

ART, LITERATURE, AND MUSIC: **Childe Hassam** paints "Cat Boats, Newport." **Pablo Picasso** begins "Blue Period. **G.B. McCutcheon's** Graustark and **Winston Churchill's** The Crisis, best-selling historical romances. **Frank Norris**, The Octopus. **Charles Chesnut**, The Marrow of Tradition, **Rudyard Kipling**, Kim; **Thomas Mann**, Buddenbrooks. **Booker T. Washington** publishes Up From Slavery, is invited to lunch at the White House by TR, leads to reprisals against blacks by Southern whites. "Uncle Tom's Cabin" still the most popular play. **Anton Chekov's** "Three Sisters" debuts. **Edward Elgar's** "Pomp and Circumstance." Yale undergraduate, **Allan Hirsch's** "Boola Boola."

BIRTHS: **Walt Disney**, **Margaret Mead**, **Hirohito**, **Sukarno** **DEATHS:** **Benjamin Harrison**, **Henri de Toulouse-Lautrec**, **Giuseppe Verdi**

1902

DOMESTIC EVENTS: American troops withdraw from Cuba; republic declared. Philippines Government Act provides for civil administration of the islands under US supervision. Congress passes Reclamation Act providing for irrigation of arid lands. After mineowners refuse arbitration, **Theodore Roosevelt** ends 5-month UMW anthracite coal strike by threatening antitrust suits against owners and substitution of Federal troops for miners; UMW wins pay raise but not recognition. Bureau of Census established.

INTERNATIONAL EVENTS: Treaty of Vereeniging ends Boer War: Orange Free State becomes Crown Colony in return for 3 million pounds to rebuild Boer farms. Anglo-Japanese Alliance ends Britain's "splendid isolation," recognizes Korean and Chinese independence as well as Japanese interests in Korea. Russian Minister of the Interior, **Viacheslav Plehve**, suppresses peasant revolt and despoils Armenian Church. Portugal declares national bankruptcy. Venezuela defaults on debts.. **Leon Trotsky** escapes from Siberian prison and settles in London. Aswan Dam completed.

SCIENCE, TECHNOLOGY, AND COMMERCE: American zoologist **Charles Wardell Stiles**, 35, discovers hookworm. **Arthur Dehon Little**, 39, patents rayon. Yale physicist's **Josiah W. Gibbs's** Elementary Principles in Statistical Mechanics lays basis for modern physical chemistry. **Willis Haviland Carrier**, pioneers air conditioning in a Brooklyn printing plant. The Pennsylvania Railroad's Broadway Limited and the New York Central's Twentieth-Century Limited begin offering 20-hour trip between NYC and Chicago. American Automobile Association founded in Chicago. New York Philip Morris Corp. is founded; **James Drummond Dole** starts Hawaiian Pineapple Co. **Andrew Saks** opens specialty store on NYC's 34th St. **George Dayton** opens Minneapolis's largest department store. **J.C. Penney** Co. has beginnings in Golden Rule Store in Kemmerer (WY). NYC's Algonquin Hotel, London's Ritz Hotel, and Yellowstone's Old Faithful Inn open. French designer **Charles R. Debevoise** invents brassiere. National Biscuit Company introduces Barnum's Animal Crackers. **Newman Drake** opens Drakes Bakeries in NYC. Horn & Hardart Baking Co. opens first Automat, in Philadelphia. **Earnest Elmo Calkins** and **Ralph Holden** create first modern advertising agency: Calkins & Holden. "Teddy Bear" introduced. by NYC candy store-owner, **Morris Michton**. **Edwin Binney** introduces Crayola brand crayons.

EDUCATION AND RELIGION: A \$10 million gift funds Carnegie Institution for scientific research. **Cecil Rhodes** leaves 10 million pounds for scholarships. Northwestern University Medical School closes its doors to women. **J.H. Hobson** writes *Imperialism, A Study*; **Ida Tarbell** publishes her muckraking *History of the Standard Oil Company* in McClure's. **William James**, *The Varieties of Religious Experience*.

SPORTS AND RECREATION: First Rose Bowl football game. **Theodore Roosevelt's** *Outdoor Pastimes of An American Hunter*.

ART, LITERATURE, AND MUSIC: Illustrator **Charles Dana Gibson** signs 4-year \$100,000 contract with Collier's. **Robert Henri**, "A Street in Winter." (Ashcan style) Photo-Seession exhibition, NYC; **Daniel Burnham's** "Flatiron" Building (NYC) and **Stanford White's** Rosecliff chateau (RI), completed. Carriere & Hastings design 73-room Palm Beach estate for **Henry Flagler**. **Owen Wister's** *The Virginian* goes through 14 editions in 8 months. **Henry James** publishes *The Wings of the Dove*; **Thomas Dixon**, *The Leopard's Spots*. **Arthur Conan Doyle**, *The Hound of the Baskervilles*; **Rudyard Kipling**, *Just-So Stories*; **Andre Gide's** *The Immoralist*; **Maxim Gorky**, *The Lower Depths*. **George Bernard Shaw's** controversial "Mrs. Warren's Profession." **James Barrie**, "The Admirable Crichton," **Beatrix Potter**, *Peter Rabbit.*, **Claude Debussy's** opera, *Pelleas et Milisande*. **Hughie Cannon's** popular "coon song" -- "Bill Bailey, Won't You Please Come Home."

BIRTHS: John Steinbeck, Langston Hughes, Henry Cabot Lodge, Jr. **DEATHS:** Wade Hampton, Bret Harte, Frank Norris, Albert Bierstadt, John Wesley Powell, Walter Reed, Cecil Rhodes, Emile Zola

1903

DOMESTIC EVENTS: Colombian Senate unanimously rejects Hay-Herran Treaty, which had been instigated by French engineer **Philippe Jean Bunau-Varilla**, American lawyer, **William Cromwell**, and industrialist **Mark Hanna** to reroute from Nicaragua to Panamanian isthmus (then part of Columbia). Bunau-Varilla then gives pro-canal Columbians a draft declaration of independence, a constitution, and a flag -- their "revolution" against Colombia is quickly recognized and protected by **Theodore Roosevelt**, and a new US-Panama Treaty places Canal Zone in US hands in perpetuity.

INTERNATIONAL EVENTS: Famine in Russia stirs resentment against **Czar Nicholas II**. Led by **Nikolai Lenin**, Bolsheviks split off from Mensheviks at London Congress of Social Democratic Party. Serbian conspirators assassinate King **Aleksandr Obrenovic**, his wife, and 20 members of his court. Macedonian insurrection against Constantinople ends. British forces conquer Northern Nigeria. **Emmeline Pankhurst** and other suffragists found Britain's Women's Social and Political Union. Journalist **Roger Casement** reports Belgian atrocities against Congolese.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Wilbur** and **Orville Wright** make first sustained manned flight in gas-powered airplane at Kittyhawk (NC). Typhoid outbreak in NYC leads to identification of "Typhoid Mary" Mallon. Trans-Siberian Railroad completed. Ford Motor Co. incorporated. Milwaukee draftsman **William Harley** and mechanic **Walter Davidson** introduce new motorcycle. Texaco has its beginnings in Sour Lake (TX). Oil discovered on Osage Nation land (OK). Springfield Rifle introduced. Knight Newspaper chain has its beginnings in Akron. Redbook debuts. **Alfred Harmsworth** launches first tabloid, the London Daily Mirror. Rochester-born **Edwin Goodman** opens Bergdof-Goodman. German importer, **Ludwig Roselius**, introduces Sanka (sans caffeine) after researchers discover decaffeination in a water-logged shipment of coffee beans.

EDUCATION AND RELIGION: University of Puerto Rico chartered. **G.E. Moore** publishes *Principia Ethica*. Russian pogroms against Jews.

SPORTS AND RECREATION: First World Series: Boston beats Pittsburgh. First Tour de France.

ART, LITERATURE, AND MUSIC: **Pablo Picasso** paints “The Old Guitarist.” **Frederick Carder** founds Steuben Glass Works. Williamsburg Bridge (NYC) opens. Pulitzer and Prix Goncourt Prizes in literature established. **W.E.B. DuBois**, *The Souls of Black Folk*. **Henry James** publishes *The Ambassadors*; **Jack London**, *Call of the Wild and People of the Abyss*; **Frank Norris**’s posthumous *The Pit*, and **Samuel Butler**’s posthumous *The Way of All Flesh*. Boer War veteran **R. Erskine Childers** spy story, *Riddle of the Sands*. **Kate Wiggins**’s children’s book, *Rebecca of Sunnybrook Farm*. NYC debut of **Enrico Caruso**. **Arnold Schoenberg**’s “*Transfigured Night*” performed in Vienna. Songwriter **Harry von Tilzer** gives NY’s Tin Pan Alley its name. **Victor Herbert**’s *Babes in Toyland* at NYC’s Majestic Theater. Fire takes 602 lives at Chicago’s Iroquois Theater. **Anton Chekhov**’s, “*The Cherry Orchard*.” **Edwin Porter**’s 12-minute film, *The Great American Train Robbery*.

BIRTHS: **Kay Boyle**, **George Orwell**, **Alan Paton** **DEATHS:** **James M. Whistler**, **Paul Gauguin**, **Camille Pissarro**, **Herbert Spencer**

1904

DOMESTIC EVENTS: Republican **Theodore Roosevelt** (NY) wins re-election over Democrat **Alton B. Parker** by 7,628,834 to 5,884,401 (336-140 electoral) votes. Socialist Party candidate **Eugene V. Debs** (402,460); Prohibition Party nominee **Silas Swallow** (259,257). US acquires property of French Panama Canal Co.; TR appoints board to build it and announces that US has sole power to police Western Hemisphere. US takes control of Dominican Republic’s finances. Supreme Court breaks up Railroad Trust in “Northern Securities” case. Fire destroys 80 blocks of Baltimore.

INTERNATIONAL EVENTS: Russo-Japanese War begins with Japanese siege of Port Arthur and destruction of Russian fleet. Russia’s Minister of the Interior, **Viacheslav Plehve** assassinated. Demands for civil liberties and representative assembly presented at St. Petersburg. Herero and Hottentot tribesmen begin their 4-year revolt against German colonial forces in Southwest Africa. Britain captures Lhasa, sacred city of Tibet, surrenders claim to Madagascar, and signs Entente Cordiale with France. Italian general strike. France adopts 10-hour work day. Fire in Toronto.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Marie Curie** discovers radium and polonium in uranium ore. **William C. Gorgas** eliminates yellow fever in Panama Canal Zone. National Tuberculosis Association formed; NYC’s. First NYC subway (IRT) opens. Iowa blacksmith **Benjamin Holt** builds first gas-powered tractor. Hudson River excursion boat, *General Slocum*, catches fire, killing 1000 passengers, mostly women. **Henry Leland** creates Cadillac Motor Car Co.; Rolls Royce founded. Pierce Arrow, Maxwell, and Reo cars introduced. Dr. **William Scholl**, 24, markets arch supports. E.F. Hutton founded. Gillette Razor patented. Ice-cream cones and iced tea introduced at St. Louis Exposition. **Thomas Sullivan** pioneers tea-bags. Post Toasties introduced after its original name (*Elijah’s Manna*) arouses clergymen’s wrath. 25,000 textile workers strike in Fall River (MA). National Child Labor Committee established. **Lane Bryant** (nee **Lena Himmestein**) opens first ready-to-wear maternity clothes store, in NYC.

EDUCATION AND RELIGION: **Helen Keller** graduates magna cum laude from Radcliffe. **Mary McLeod Bethune** opens her Daytona Normal and Industrial Institute for Negro Girls. **Max Weber**, *The Protestant Ethic and the Spirit of Capitalism*. **Arthur Farwell** lecture tour on American music.

SPORTS AND RECREATION: Third Olympiad, in St. Louis. Judo introduced to US. **Cy Young** pitches first perfect game. World Series called off because **John McGraw** refuses to let his Giants play Red Sox. Auction bridge invented. NY woman arrested for smoking cigarette on street.

ART, LITERATURE, AND MUSIC: **Paul Cezanne** paints “*Mont Sainte-Victoire*.” **Frank Lloyd Wright**’s “*Unity Temple*,” first building in poured concrete, in Oak Park (IL)..Academy of Arts and Letters founded. **Henry Adams** writes *Mont Saint-Michel and Chartres*; **Lincoln Steffens** publishes *The Shame of the Cities*. **Lafcadio Hearn**, *Japan: An Attempt at Interpretation*. **Gene Stratton Porter**’s best selling novel *Freckles*, **Henry James**’s slow seller, *The Golden Bowl*, **Jack London**, *The Sea Wolf*, **O’Henry**, *Cabbages and Kings*. **Romain Rolland** begins *Jean-Christophe*; **W.H. Hudson**, *Green Mansions*. **William Butler Yeats** and **Lady Gregory** open Dublin’s Abbey Theatre. **J.M. Barrie**, “*Peter Pan*,” **J.M. Synge**, “*Riders to the Sea*,” **Anton Chekhov**, “*The Cherry Orchard*,” **Franz Wedekind**, “*Pandora’s Box*.” **Giacomo Puccini**’s opera *Madama Butterfly* bombs in Milan. London Symphony Orchestra debuts. Popular songs: **Hughie Cannon**’s “*Frankie and Johnny*” and **George M. Cohan**’s “*Yankee Doodle Boy*.”

BIRTHS: Ralph Bunche, James T. Farrell, Isaac Bashevis Singer, George Balanchine, Christopher Isherwood, Graham Greene, Marlene Dietrich, Alexi N. Kosygin. **DEATHS:** Lafcadio Hearn, Anton Chekhov, Anton Dvorak, Samuel Smiles, Paul Kruger, Theodor Herzl

1905

DOMESTIC EVENTS: Theodore Roosevelt inaugurated. China boycotts US goods to protest immigration laws. Asiatic Exclusion League founded to ban Japanese immigration. **W.E.B. DuBois** leads group of 29 black intellectuals in founding Niagara Movement to abolish racial distinctions. **Eugene V. Debs, Big Bill Haywood** and others organize the Industrial Workers of the World in Chicago. Rotary Club also established in Chicago. In *Lochner v. New York*, Supreme Court rules unconstitutional a law limiting hours in baking industry, with **Oliver Wendell Holmes** dissenting.

INTERNATIONAL EVENTS: Russian forces surrender at Port Arthur and Mukden; Admiral Togo sinks 32 Russian ships in Battle of Tsushima Strait. Peace treaty signed with Roosevelt's mediation. A Russian revolution begins at Winter Palace at St. Petersburg after violent repression of peaceful workers' demonstration on "Bloody Sunday." Potemkin mutiny at Odessa leads to general strike and creation of a parliament (Duma). **Nikolai Lenin** returns to Russia but Moscow Soviet is bloodily repressed at Christmas. The Duma is suspended and a wave of pogroms follows, killing 50,000 Jews by 1909. Norway separates from Sweden. Anglo-Japanese Alliance renewed for ten years. **Sun Yat-sen** organizes to expel Manchus from China.

SCIENCE, TECHNOLOGY, AND COMMERCE: Swiss physicist, **Albert Einstein**, 26, publishes paper on special theory of relativity. German surgeon **H.F.W. Braun**, introduces procaine (novocaine) into clinical use. US Public Health Service anti-mosquito campaign ends yellow fever epidemic that has killed 1,000 in New Orleans. Supreme Court upholds vaccination laws. Ladies Home Journal continues expose of patent medicines. Vicks Magic Croup Salve and Palmolive Soap launched. TR creates Bureau of Forestry with **Gifford Pinchot** its head. US auto annual auto production reaches 25,000. **Charles Schwab** founds Bethlehem Steel. **Thomas Fortune Ryan** underwrites new Royal Typewriter Co. Swiss entrepreneur **Albert Wander** introduces Ovalmaltine, later Ovaltine. **Claude Hatcher** introduces Royal Crown Cola. **Oris P.** and **Mantis Van Sweringen** begin Cleveland's Shaker Heights suburb. First neon signs. **Robert Abbott** launches the Chicago Defender.

EDUCATION AND RELIGION: \$10 million gift launches Carnegie Foundation for the Advancement of Teaching. National Audubon Society founded.

SPORTS AND RECREATION: **Ty Cobb** begins his career with Detroit. Drastic rules revision to reduce violence in college football.

ART, LITERATURE, AND MUSIC: First exhibition of Les Fauves in Paris. African influence visible in **Henri Matisse's** work. Die Brucke group forms in Dresden. **F.T. Marinetti** publishes Futurist Manifesto. **Alfred Stieglitz** opens his 291 Gallery in NYC. **Pablo Picasso** arrives in Paris and begins his "pink period" with "Boy with a Pipe" **Edith Wharton** publishes *The House of Mirth*. **Upton Sinclair**, *The Jungle*. **Thomas Dixon**, *The Clansman*. Yiddish writer **Sholem Aleichem** arrives in NYC. **Arthur Conan Doyle**, *The Return of Sherlock Holmes*. **Baroness Orczy**, *The Scarlet Pimpernel*. **Rainer Maria Rilke's** poetry, *The Book of Hours*; **Ruben Dario**, *Cantos of Life and Hope*. **David Belasco's** play, "Girl of the Golden West." **George Bernard Shaw's** "Man and Superman," and "Major Barbara." **Anthony Comstock** forces NY closing of Shaw's "Mrs. Warren's Profession." **George Pierce Baker** begins Harvard 47 Workshop in drama. **Claude Debussy** composes "La Mer" and "Clair de Lune." **Franz Lehar's** operetta "The Merry Widow." **Isadora Duncan** opens dancing school in Berlin. **Sime Silverman** launches Variety . Julliard School of Music has its beginnings.

BIRTHS: Lillian Hellman, Robert Penn Warren, Jean-Paul Sartre, , Greta Garbo, **DEATHS:** John Hay, Lew Wallace, Jules Verne

1906

DOMESTIC EVENTS: Pure Food and Drug and Meat Inspection Acts passed. Hepburn Act passed to regulate railroads. San Francisco earthquake and fire destroy two-thirds of city, kill 500, and leave 250,000 homeless. Atlanta anti-black riot leaves 18 blacks and 3 whites dead. Roosevelt blames black troops for race riot in Brownsville, Texas. US invokes Platt Amendment when intervening in Cuba to suppress Liberal revolt and forming a provisional government led by **William Howard Taft**; beginning of massive US investment in Cuba. Roosevelt awarded Nobel Peace Prize.

INTERNATIONAL EVENTS: Britain's launching of huge battleship, H.M.S. Dreadnought spurs Germany to enlarge its navy. British Foreign Secretary, Sir **Edward Grey**, assumes secret "moral obligation" to support France in event of German attack. Britain forces Ottoman Turks to cede Sinai Peninsula to Egypt. **Alfred Dreyfus** restored to rank. Chinese imperial court agrees to a constitution. Finland, first to grant women's suffrage.

SCIENCE, TECHNOLOGY, AND COMMERCE: German chemist **Walter H. Nernst** formulates Third Law of Thermodynamics. German physician, **August Wasserman** develops test for syphilis. US pathologist **Howard T. Ricketts** identifies tick as carrier of Rocky Mountain spotted fever. Austrian pediatrician, **Clemens von Pirquet**, introduces word "allergy." Swiss psychologist **Carl Jung** breaks new ground with his Psychology of Dementia Praecox.. E.I. du Pont de Nemours gains control of "Powder Trust." Kennecott Copper Co. has its beginnings in Alaskan mine. Weirton Steel has its beginnings in WV. **John, William**, and **August Mack** introduce their new truck. Capitol (later Fuller) Brush Co. launched in Hartford (CT). **W.K. Kellogg** forms Battle Creek Toasted Corn Flake Co. Simplon Tunnel opens between Italy and Switzerland. Excavation of Panama Canal begins. US Steel breaks ground for its new milltown, Gary (IN). Victrola, A-1 sauce introduced. Cartoonist **Tad Dorgan** gives "hot dog" its name.

EDUCATION AND RELIGION: San Francisco cancels order segregating Japanese school children after diplomatic protests. American Jewish Committee founded. **Aga Khan III** founds Muslim League in India. Father **John A. Ryan's** A Living Wage, popularizes title's concept.

SPORTS AND RECREATION: NCAA has its beginnings in American Intercollegiate Association. Rugby gains US foothold owing to violence in football. First French Grand Prix at Le Mans. London hairdresser **Charles Nestle** introduces the permanent wave: 8-11 hour process for \$1000.

ART, LITERATURE, AND MUSIC: **Pablo Picasso** paints his "Portrait of Gertrude Stein." **Paul Klee** joins Munich Secession. Architect **Stanford White** shot dead by millionaire **Harry K. Thaw** over his affair with Thaw's wife, **Evelyn Nesbit**.. **Ambrose Beirce's** The Devil's Dictionary appears. **Emma Goldman** begins publishing Mother Earth. Exiled Bolshevik, **Maxim Gorky**, publishes his novelistic critique of American life, The City of the Yellow Devil. **Winston Churchill's** best-selling novel, Coniston, indicts political bosses. **Jack London**, White Fang. **Zane Grey's** The Spirit of the Border, first of his 54 novels. **Robert Musil**, The Confusions of Young Torless. **Yi Injik** publishes Tears of Blood, first modern Korean novel. **Shimazaki Toson** publishes his controversial novel, **Broken Commandment**. **Ruth St. Denis** choreographs her first modern dance, Radha, on Hindu themes. New Orleans jazzman **Ferdinand "Jelly Roll" Morton** adds heavy beat to **Scott Joplin's** St. Louis Ragtime style with his "King Porter Stomp." **George M. Cohan's** musical Forty-Five Minutes from Broadway a big success. Popular song: "China Town, My China Town."

BIRTHS: Clifford Odets, Samuel Beckett **DEATHS:** Paul Laurence Dunbar, Susan B. Anthony, Carl Schurz, Henrik Ibsen, Paul Cezanne

1907

DOMESTIC EVENTS: **Theodore Roosevelt** sends Great White Fleet on world cruise, concludes a "Gentleman's Agreement" with Japan to exclude Japanese workers, and makes speech against "malefactors of great wealth.". US lands marines in Honduras to protect American lives and banana plantations during the nation's war with Nicaragua. After a run on banks (Oct.23), **J.P. Morgan** and government act to avert panic, including a \$10 million gold shipment from Bank of England aboard newest and fastest ship, Lusitania. Oklahoma becomes 46th state.

INTERNATIONAL EVENTS: Triple Alliance (Germany, Austria, Italy) renewed for six years. Franco-Japanese agreement to preserve “open door” in China. Japan obtains protectorate over Korea. First Nationalist Congress in Egypt under **Mustapha Kemal**. Revolutionary outbreaks in Russia suppressed; **Nikolai Lenin** leaves Russia. Austria and Norway grant universal suffrage. Kingston, Jamaica nearly destroyed by earthquake.

SCIENCE, TECHNOLOGY, AND COMMERCE: Physicist, **Albert A. Michaelson**, first American to win Nobel Prize, for his spectroscopic and meteorological studies. Yale zoologist **Ross Harrison** perfects method for culturing animal tissue in liquid medium. Bubonic plague kills 1.3 million in India. Belgian-American **Leo Baekeland** invents Bakelite, a synthetic resin substitute for rubber. US inventor **Vincent Bendix**, 25, founds Bendix Co. in NY to produce car starter motors. **Lewis Maytag**, 50, introduces his Pastime Washer as a sideline to his Iowa farm equipment business. Hoover Vacuum Cleaner has its beginnings. Armstrong Lineoleum introduced. First canned tuna fish. **R.J. Reynolds** launches Prince Albert Pipe Tobacco. Guffy Oil Co. reorganizes as Gulf Oil Co. The Neiman-Marcus Store opens in Dallas. Mother’s Day first observed in Philadelphia through efforts of Miss **Anna M. Jarvis**. **Theodore Roosevelt** sets 16 million acres of forest land aside for preservation. Peak immigration year: 1.29 million.

EDUCATION AND RELIGION: University of Hawaii founded at Honolulu. **Maria Montessori** opens her first school in Rome. **Henri Bergson** publishes his influential Creative Evolution. **William James** publishes Pragmatism. **Pius X** issues two papal encyclicals condemning religious modernism. Hungarian-born Reform Rabbi **Stephen Wise** founds Free Synagogue in NYC. Vogue for wisdom of **Omar Khayyam**.

SPORTS AND RECREATION: The **Tinkers-to-Evers-to-Chance** infield helps the Chicago Cubs win the World Series.

ART, LITERATURE, AND MUSIC: **Gertrude Stein** meets **Alice B. Toklas**. First Cubist exhibition in Paris. Africanist influence in **Pablo Picasso**’s “Les Femmes d’Alger (O. J. R. M.).” **Robert Henri** forms “The Eight” in revolt against American academic art. **George Bellows** paints “Stag at Sharkey’s.” **Rube Goldberg** begins cartooning for New York Evening Journal. **Henry Hardenbergh** designs the Plaza Hotel in NYC. **Edmund Curtis** publishes first of 20 volumes of photographs of The North American Indian, while The Education of Henry Adams is privately printed. **Henry James**’s return to the US is memorialized in The American Scene. British poet **Walter H. Davies** publishes **Autobiography of a Super-Tramp** (from which, yes, the band takes its name.) **Elinor Glyn**’s “daring” romance, Three Weeks, is suppressed in Boston. **Joseph Conrad** publishes The Secret Agent; **Jack London**, The Iron Heel. **Tayama Kitai**’s The Quilt, the first Japanese naturalist novel. **Rainer Maria Rilke**, New Poems. **Robert Service**’s “The Cremation of Sam McGee.” **J.M. Synge**’s drama, “The Playboy of the Western World” stirs uproar in Dublin. **Florenz Ziegfeld** launches his Follies of 1907 (-1931). **George M. Cohan**’s “Talk of the Town” a big hit.

BIRTHS: Rachel Carson, James Michener, W.H. Auden, Alberto Moravia **DEATHS:** Augustus St. Gaudens, Edvard Grieg

1908

DOMESTIC EVENTS: **William Howard Taft** (R.,OH) defeats **William Jennings Bryan** (D.NE), 7,679,006 to 6,409,106 popular (321-162 electoral) votes. Socialist Party candidate **Eugene V. Debs** (420,820). Supreme Court outlaws secondary boycotts by unions as a violation of the Sherman Antitrust Act (Lowe v. Lawlor), upholds Oregon’s 10-hour law for women in industry (Muller v. State of Oregon), and supports the right of an employer to fire an employee for union membership (Adair v. US). Bureau of Investigation established within Dept. of Justice, largely aimed at labor.

INTERNATIONAL EVENTS: Belgium annexes the Congo State. Austria annexes Bosnia and Herzegovina. Crete proclaims union with Greece. Persian Shah **Mohammed Ali** in coup d’etat with Russian support. Egyptian Muslims stage violent demonstrations against appointment of Christian Copt **Butros Ghali** as premier. Franco-German tensions grow over future of Moroccan Sultanate. Chinese Dowager Empress, **Cixi**, dies at 73. Some 83,000 die in earthquake in and around Messina, Sicily. Mysterious explosion and fireball rocks Siberia. Epidemic of Asian cholera in Russia.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Hermann Minkowski** elaborates four-dimensional geometry. German chemist **Fritz Haber** invents process for synthesizing ammonia: important to explosives and fertilizer industry. German physicist **Hans Geiger** and British physicist **Ernest Rutherford** devise the Geiger Counter. Middle East oil production begins with **William Knox D'Arcy's** strike at Masjid-i-Salaman. Houston entrepreneur **Howard R. Hughes** founds Hughes Tool Co. to exploit his monopoly of drill-bit technology. Continental Oil Co. has its beginnings with **E.W. Marland's** strikes on Ponca Indian lands (OK). **Henry Ford** introduces his Model T at \$850 with tires from **Harvey Firestone**. **W.C. Durant** founds AC Spark Plug Co. and General Motors. **Max Kiss**, founds the Ex-Lax Co. Many US banks close as depression deepens. Tokyo chemist **Kikunae Ikeda** isolates MSG. City engineer, **William Mulholland**, devises a plan to bring water from the Owens River to Los Angeles.

EDUCATION AND RELIGION: Reed College opens. Christian Science Monitor launched. Federal Councils of Churches of Christ formed.

SPORTS AND RECREATION: 23 nations attend Fourth Summer Olympiad in London. **Jack Johnson**, first black prizefighter to win heavyweight title, in Sydney. **Robert Stephenson Smythe**, baron **Baden-Powell**, hero of the Boer siege of Mafeking, founds the Boy Scouts of Britain.

ART, LITERATURE, AND MUSIC: **Marc Chagall**, 21, paints "Nu Rouge." **Henri Matisse** coins term "cubism." Influential exhibition of the so-called Ash Can School of American realist art. Romanian-French sculptor, **Constantin Brancusi**, carves "The Kiss." **Bud Fisher**, 23, introduces "Mr. Mutt," the first comic strip in Hearst's San Francisco Chronicle. Skyscrapers arrive in NYC: 47-story Singer Building and 50-story Metropolitan Life Building. **John Fox's** best-selling *The Trail of the Lonesome Pine*. **Mary Roberts Reinhart's** mystery, *The Circular Staircase*. **E.M. Forster** publishes *A Room With a View*, **Kenneth Grahame's** children's classic, *The Wind in the Willows*. **Maurice Maeterlinck's** drama "The Blue Bird." **Michel Fokine** choreographs *Les Sylphides*. **Arnold Shoenberg's** "3 Pieces for Pianoforte" marks break with tonality. Brooklyn Academy of Music opens.

BIRTHS: Lyndon Baines Johnson, Nelson Rockefeller, Richard Wright, Claude Levi-Strauss, Simone de Beauvoir, Ian Fleming **DEATHS:** Grover Cleveland, Joel Chandler Harris, Edward MacDowell, Nicolai Rimsky-Korsakov

1909

DOMESTIC EVENTS: American troops withdrawn from Cuba, dispatched to Nicaragua. Japanese workers strike Hawaiian plantations. President **Taft** signs controversial, protective Payne-Aldrich Tariff Act. Sixteenth (Income Tax) Amendment submitted to states. National Association for the Advancement of Colored People formed in NYC under the leadership of **W.E.B. DuBois**. Strike of 20,000 women garment workers (ILGWU) in NYC. Mine disaster claims 250 lives in Cherry, IL. **Robert Peary**, **Matthew Henson** and four Eskimos are first men to reach North Pole. Opium banned.

INTERNATIONAL EVENTS: Austria pays Turkey 2.2 million pounds indemnity in return for its recognition of Austria's annexation of Bosnia and Herzegovina. Young Turks depose Sultan **Abdul Hamid**. Russia invades northern Persia following deposition of Shah **Mohammed Ali**. King **Leopold II** of Belgium dies after 41-year reign, having amassed great wealth from exploitation of the Congo; **Albert I** succeeds him. General strike in Barcelona. Japan begins 36-year military occupation of Korea following assassination of Japanese Prince **Hirobumi Ito** by Korean nationalist.

SCIENCE, TECHNOLOGY, AND COMMERCE: German chemist **Karl Hoffman** produces first synthetic rubber. **Thomas Hunt Morgan's** gene theory breaks new ground. German bacteriologist **Paul Erlich** prepares arsenic compound Salvarsan as cure for syphilis and is attacked for encouraging sin. **Walter Reed** Medical Center opens in Washington, DC. Billionaire **John D. Rockefeller** establishes Rockefeller Sanitary Commission. First commercial production of Bakelite inaugurates Age of Plastics. US auto production doubles from previous year, to 128,000. Massive gold strike in Canada. Public (Dixie) Cup Vendor Co. incorporated. **Charles R. Walgreen** launches his drugstore chain in Chicago. J.L. Kraft Bros. & Co. founded in Chicago. **Rose O'Neill** patents celluloid Kewpie Doll. NYC's black weekly *Amsterdam News* begins publication. US has 2600 daily newspapers. First International Conference on City Planning held in Washington, D.C. **Daniel Burnham** draws up his "Plan for Chicago."

EDUCATION AND RELIGION: **Sigmund Freud** lectures in US. **William James** publishes *A Pluralistic Universe*. First kibbutz in Palestine.

SPORTS AND RECREATION: **Tris Speaker**, 21, begins his career with Red Sox. Shibe Park (**Connie Mack Stadium**) completed in Philadelphia.

ART, LITERATURE, AND MUSIC: **Vassily Kandinsky's** first abstract paintings. French painter **Robert Delaunay's** "Eiffel Tower" introduces brilliant colors to cubism. **Diego Rivera's** "El Picador." **George Bellows's** "Both Members of This Club." **Frank Lloyd Wright's** Robie House, Chicago. Boston Museum of Fine Arts completed. **Peter Behrens** designs first steel-and-glass building, A.E.G. Turbine, in Berlin Italian poet **Emilio F.T. Marinetti** issues his *A Futurist Manifesto*. **Andre Gide** and **Jean Schlumberger** begin publication of influential literary review, *La Nouvelle Revue Francaise*. **Homer Lea's** *The Valor of Ignorance* warns of eventual Japanese attack on Hawaii. **Herbert Croly's** *The Promise of American Life*, a Progressive manifesto. **Gertrude Stein**, *Three Lives*. **H.G. Wells**, *Tono-Bungay*. **Andre Gide's**, *Strait is the Gate*. **Ezra Pound's** verse, *Exultations*. **Israel Zangwill's** drama, "The Melting Pot," arrives in NYC. **Serge Diaghilev** founds Ballet Russe in Paris, hires **Vaslav Nijinsky**, 19, as principal dancer **Gustav Mahler** completes his "Ninth Symphony." **Richard Strauss's** opera, *Elektra* debuts in Dresden. First published blues song, **W.C.Handy's** "Memphis Blues." Popular song: "Casey Jones." **Mary Pickford**, first film star. **Charles Pathe** introduces newsreels in Paris.

BIRTHS: **Barry Goldwater, Dean Rusk, Eudora Welty, Nelson Algren, Stephen Spender, Kwame Nkrumah**
DEATHS: **Edward Everett Hale, Frederick Remington, Charles McKim, Sarah Orne Jewett, John Millington Synge, Algernon Charles Swinburne, George Meredith**

1910

DOMESTIC EVENTS: Population: 92,228,496. First Democratic Congress since 1894. Milwaukee's **Victor Berger**, first Socialist sent to Congress. A Congressional coalition led by Progressive **George W. Norris** (R.NE) amends House rules to reduce power of Speaker **Joe Cannon**. Mann White Slave Traffic Act passed. Mann-Elkins Act regulates telephone, telegraph, and cable companies. **Theodore Roosevelt** gives his "New Nationalism -- Square Deal" speech. **Clarence Darrow** defends **James** and **John McNamara** for fatal bombing of the offices of the antiunion Los Angeles Times.

INTERNATIONAL EVENTS: World population: 1.52 billion. Republic of South Africa established with **Louis Botha**, a Boer, as Prime Minister. French Congo renamed French Equatorial Africa. Britain moves toward welfare state with passage of **David Lloyd George's** "People's Budget." Montenegro declares independence. Revolution overthrows Portuguese monarchy. **Francisco Madero** leads revolution against Mexican President **Porfirio Diaz**. Japan annexes Korea. China abolishes slavery. Turks suppress Albanian revolt. Egypt's premier, **Butros Ghali**, is assassinated.

SCIENCE, TECHNOLOGY, AND COMMERCE: Chicago physician **James Bryan Herrick** isolates sickle-cell anemia. Halley's comet observed. Minnesota, Mining, and Manufacturing Co. is founded at St. Paul. US copper trust (ASARCO) acquires Chile's enormously productive Chuquicamata copper mine. Salomon Brothers brokerage house founded. **Robert McCormick** takes over Chicago Tribune, which he will turn into a major national newspaper. **Robert L. Vann** launches the influential black newspaper, the **Pittsburgh Courier**. The Elizabeth Arden Beauty Salon chain has its beginnings under **Forence Nightingale Graham**, 25, in NYC. Burberry introduces its Tielocken (Trench) coat. ILGWU wins 9-week strike by NYC cloakmakers. Some 2500 miners have died in coal mine disasters over the past 5 years. Average US workingman earns \$15 per 54-60 hour week.

EDUCATION AND RELIGION: Southern Methodist University (TX), Kent State University (OH) and Bowling Green State University (OH) founded. Funded by the Carnegie Institution, physician **Abraham Flexner** releases critical report on Medical Education in the US and Canada, spurring \$600 million reform effort over the next few years. **Bertrand Russell** and **Alfred North Whitehead** publish *Principia Mathematica*. \$10 million gift funds Carnegie Endowment for International Peace. Fundamentalist movement launched with publication of *The Fundamentals: A Testimony to the Truth*.

SPORTS AND RECREATION: Publisher **William Boyce** and illustrator **Daniel Carter Beard** launch Boy Scouts of America. YMCA leader, Luther **Halsey Gulick** founds the Camp Fire Girls; Lord **Baden-Powell** and sister **Agnes** found the Girl Guides in Britain. Whites attack blacks in Boston, NYC, Cincinnati, Houston and Norfolk following **Jack Johnson's** \$100,000 knockout of the Great White Hope, **James Jeffries**, in Reno July 4.

ART, LITERATURE, AND MUSIC: Critic **Roger Fry** arranges influential Post-Impressionist exhibition in London. **Alfred Stieglitz's** 291 Gallery in NYC introduces the "moderns," including **John Marin** and **Joseph Stella**. Painter **Franz Marc's** book, *Der Blaue Reiter*, gives name to German post-impressionists. **Henry Wilson's** *The Bungalow Book*, inspires many homebuilders. **Antoni Gaudi's** Art Nouveau Barcelona building, Casa Mila. **Jane Addams** writes her memoir of Twenty Years at Hull House. **Frances Hodgson Burnett** publishes her classic children's book, *The Secret Garden*. **Clarence Mulford's** western, *Hopalong Cassidy*. **E.M. Forster's** *Howard's End*. **John Bray**, pioneers animated motion pictures with his new "cel" system. **Charlie Chaplin** debuts in NY Vaudeville. Dancer **Michel Fokine** choreographs **Waslaw Nijinsky** in **Igor Stravinsky's** *The Firebird* for **Diaghilev's** company in Paris. Tango gains popular legitimacy in Argentina.

BIRTHS: **Eero Saarinen** **DEATHS:** **Mark Twain, William James, William Graham Sumner, Mary Baker Eddy, Winslow Homer, Julia Ward Howe, John La Farge, Henri Rousseau, William Sydney Porter (O'Henry), Leo Tolstoy, Florence Nightingale, Robert Koch**

1911

DOMESTIC EVENTS: Dissatisfied with Taft, progressive Republicans nominate **Robert LaFollette** (WI) for President. President Taft rejects Arizona statehood over its judge-recall law. US renews "Gentleman's Agreement" with Japan but abrogates an 1832 treaty with Russia because of its refusal to honor passports of American Jews. Roosevelt Dam completed in Arizona. NYC's Triangle Shirtwaist Fire claims 146 lives. **Calbraith P. Rogers** completes first transcontinental air flight in 84 days (3.5 days of flying time). **Hiram Bingham** discovers lost Peruvian city of Macchu Pichu.

INTERNATIONAL EVENTS: Mexico's president, **Porfirio Diaz**, is overthrown in a revolution that brings **Francisco Madero** to a 15-month presidency. Some 20,000 US troops ordered to Rio Grande border. A military coup in Honduras establishes a "banana republic." **Sun Yat-sen** returns from exile and is elected President of the United Provinces of China by a revolutionary provisional assembly. Yangtze River flood kills 100,000; 30 million Russian peasants starve in famine. Russian Premier assassinated. Italy declares war on Turkey, bombs Tripoli coast. British House of Lords loses its veto powers. Limited British National [unemployment and health] Insurance. Japanese women's liberation movement launched.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Marie Curie** wins Nobel Prize. **Ernest Rutherford** formulates a nuclear model of the atom. Polish biochemist, **Casimir Funk**, introduces word "vitamines." **Roald Amundson**, 39, arrives at South Pole. Charles Kettering invents first electric self-starter for cars and trucks. Society of Automotive Engineers (1905) issues first handbook on standardization of parts. **Henry Ford** breaks the Selden Patent Trust. W.C. Durant founds Chevrolet Motor Co. Supreme Court breaks up Standard Oil and Tobacco Trusts under the Sherman Act. Carnegie Corporation of NY founded with \$125 million gift. Crisco and Domino brand sugar introduced. American Magazine begins publication. Canadian-American film pioneer, **Mack Sennett**, founds Keystone Co. Yale political economy professor, Irving Fisher, pioneers theory of economic indexing.

EDUCATION AND RELIGION: Connecticut College for Women and Skidmore College for Women (NY) founded.

SPORTS AND RECREATION: First Indianapolis 500 Race; first Monte Carlo Rally.

ART, LITERATURE, AND MUSIC: First “Blaue Reiter” exhibition, in Munich. **Georges Braque** paints “Man with a Guitar.” **Walter Gropius** designs first steel-frame building with glass curtain walls for Fagus factory at Altfeld. **Thomas Hasting’s** \$9 million NY Public Library opens. **Edith Wharton** publishes Ethan Frome; **Theodore Dreiser**, Jennie Gerhardt. Owen Johnson’s popular Stover at Yale. TR endorses Kathleen Norris’s best-selling Mother. **Thomas Mann**, Death in Venice. **Ezra Pound’s** Canzoni. **Percy MacKaye’s** drama, Scarecrow. **Edward Knoblock’s** Kismet brings Arabian Nights to stage. **Richard Strauss’s** opera, Der Rosenkavalier premieres; **Arnold Schoenberg’s** Manual on Harmony published. **Michel Fokine** choreographs **Nijinsky** in **Igor Stravinsky’s** new ballet “Petrouchka.” **Irving Berlin** writes “Alexander’s Ragtime Band” and “Everybody’s Doin’ It,” which popularizes **Vernon** and **Irene Castle’s** dance, the Turkey Trot.

BIRTHS: Tennessee Williams, Elizabeth Bishop, Ronald Reagan **DEATHS:** Carry Nation, Joseph Pulitzer, Gustav Mahler

1912

DOMESTIC EVENTS: **Theodore Roosevelt** bolts the Republican Party for the new, Progressive or Bull Moose party, but he and incumbent **William Howard Taft** are defeated by Democrat **Woodrow Wilson** (NJ): Wilson: 6,293,454 votes; Roosevelt: 4,119,538; Taft: 3,484,980 (435/88/8 electoral votes). Socialist Party candidate **Eugene V. Debs** won 900,672 votes. US marines land in Cuba, Honduras, and Nicaragua to protect American interests during internal disorders. NM and AR admitted to statehood. Congress forwards the 17th Amendment (direct Senatorial elections) to states.

INTERNATIONAL EVENTS: Japanese Emperor **Mutsuhito** dies after 45-year reign, is succeeded by son **Yoshihito**, 33. **Sun Yat-sen** founds Kuomintang (Chinese Nationalist Party). Armistice ends most of the conflict between Turks and Bulgaria, Montenegro, and Greece. Albania declared independent. Strikes by British dockers, coalminers, and transport workers; syndicalist leader **Tom Mann** arrested for inciting troops to mutiny. S.S. Titanic sinks in North Atlantic with 1,513 aboard. **Nikolai Lenin** joins **Joseph Stalin** in launching Pravda as voice of underground Communist Party.

SCIENCE, TECHNOLOGY, AND COMMERCE: Boston surgeon **Harvey Cushing** advances knowledge of pituitary gland and its relation to diabetes. Swiss chemist **Jacques Edwin Brandenberger** perfects cellophane. **Cyrus Eaton** organizes first great utility holding company: Continental Gas & Electric. Court orders require partial divestment of E.I. du Pont de Nemours, the dissolution of the International Harvester Trust, and the break up of the Union Pacific and Southern Pacific merger. Congress extends 8-hour day to all federal workers. Massachusetts passes minimum wage law for women and children. SOS signal adopted. **Leon Leonwood Bean** opens his Maine clothing store. **F.W. Woolworth** Co. incorporated: 60-story skyscraper goes up in NYC. Morton’s salt, Hellman’s Mayonnaise, Prince Macaroni, Oreo Biscuits, Lorna Doones, and Ocean Spray Cranberry Sauce introduced. Mory’s opens in New Haven; the Beverly Hills Hotel, in L.A. **S.I. Newhouse** newspaper chain begins.

EDUCATION AND RELIGION: Rice Institute (TX), Memphis State open. Publication of The Montessori Method. Psychologist **Henry Goddard’s** The Kallikat Family links feeble-mindedness to crime. **Henrietta Szold** founds Hadassah. **Juliette Low** starts first American Girl Guides troop.

SPORTS AND RECREATION: 27 nations attend Fifth Summer Olympiad in Stockholm. **Jim Thorpe**, 24, wins gold medals in pentathlon and decathlon, returns to play football for Carlisle Indian School. Boston’s Fenway Park completed: Red Sox win Series. Fourth down added in football.

ART, LITERATURE, AND MUSIC: Italian Futurist exhibit in Paris. **Robert Delaunay** paints “Le Disque,” geometric figures with no motifs. German ethnologist **Leo Frobenius** discovers Ife sculpted heads in Nigeria that will influence European art. **Marcel Duchamp** paints “Nude Descending a Staircase.” **James Weldon Johnson** publishes Autobiography of an Ex-Colored Man anonymously. **Theodore Dreiser**, The Financier, **Willa Cather**, Alexander’s Bridge; **Zane Gray**, Riders of the Purple Sage. Author’s League of America founded. Poet **Amy Lowell** publishes A Dome of Many Colored Glass.. **Rachel Crothers’** New Woman drama, He and She.. **Waslaw Nijinsky** choreographs ballet to **Claude Debussy’s** Afternoon of a Faun, with **Leon Bakst** sets. **Michel Fokine** choreographs ballet to **Maurice Ravel’s** Daphnis and Chloe, also performed by Les Ballet Russes. Height of popularity for Ragtime, **Vernon** and **Irene Castle**, and so-called “animal dances:” fox trot, turkey trot, bunny hug, grizzly bear, etc.

BIRTHS: Jackson Pollock, John Cheever, Lawrence Durrell **DEATHS:** Wilbur Wright, Clara Barton, Daniel Burnham, August Strindberg

1913

DOMESTIC EVENTS: Outgoing President **Taft** vetoes immigration bill with literacy test attached. **Woodrow Wilson** inaugurated, refuses to recognize new Mexican regime after **Victoriano Huerta** deposes President **Madero**, who is shot “while trying to escape. 16th (income tax) and 17th (direct election of Senators) Amendments adopted. Federal Reserve Bank Act signed. **Arsene Pujo’s** (D.L.A) House Committee on Banking and Currency releases expose of money trust. California passes Webb Alien Landholding Act barring Japanese-Americans from owning property. 5000 women’s suffragists march down Pennsylvania Avenue, led by **Alice Paul** (founder of National Woman’s Party) but are attacked by jeering men.

INTERNATIONAL EVENTS: Assassination of Greece’s **George I** at Salonica ends his 50-year reign. Treaty of London resolves previous year’s six-week Balkan War between Ottoman Turks and Greek-Bulgarian-Serbian coalition; hostilities break out again, but Bulgaria is forced to cede territory in Treaties of Bucharest and Constantinople. Young Turks stage coup but are then purged. Chinese President **Yuan Shik-K’ai** betrays democratic promises and forces **Sun Yat-sen** to flee to Japan. South Africa’s Native Land Act gives 82.7% of land to whites. British suffragist, **Emmeline Pankhurst** imprisoned for placing bomb in home of **David Lloyd George**; goes on hunger strike. Norwegian women granted suffrage.

SCIENCE, TECHNOLOGY, AND COMMERCE: Danish physicist, **Niels Bohr**, 28, introduces new model of the atom. Hungarian-American physician **Bela Schick** develops diphtheria test. Yale biochemist **Elmer McCollum** isolates Vitamin A. **Rene Lorain** states basic ideas of jet propulsion. **Elmer Sperry** patents gyroscope. American Cancer Society founded. \$100 million grant launches Rockefeller Foundation. UMW miners strike Rockefellers’ Colorado Fuel & Iron Co., leading to year-long guerilla warfare. **Henry Ford** introduces assembly line. Bureau of Labor Statistics introduces Consumer Price Index. Labor Department established. Yosemite’s Hetch-Hetchy Dam funded over preservationist **John Muir’s** objections. Camel and Chesterfield Cigarettes, Brillo, Jack Frost Sugar, Peppermint Life Savers, Quaker’s Puffed Rice and Puffed Wheat, and Nedick’s Orange Drink introduced. First dependable zipper developed. **Marcus Garvey** founds Universal Negro Improvement Association in Jamaica, WI.

EDUCATION AND RELIGION: **Sigmund Freud** publishes Totem and Taboo. B’nai B’rith founds Anti-Defamation League.

SPORTS AND RECREATION: Brooklyn’s Ebbets Field completed; NY Yankees take their name. First Notre Dame-Army football game: **Knute Rockne** stars. One-wall handball introduced. First adult crossword appears in New York World.

ART, LITERATURE, AND MUSIC: Controversial exhibition of modern art at NY’s 69th Regiment Armory. **Anthony Comstock**, 69, tries to have **Paul Chabas’s** painting of “September Morn” withdrawn from dealer’s window. Canadian Artists form Group of Seven. Suprematist **Malevich** exhibits in Moscow. **Joseph Stella** paints “Battle of Lights, Coney Island.” NY’s Grand Central Terminal opens. Prentice-Hall founded. **Charles Beard** publishes his An Economic Interpretation of the Constitution;. **Edith Wharton’s** The Custom of the Country, **Ellen Glasgow’s** Virginia, and **Willa Cather’s** O Pioneers! are published. Best-sellers include **Eleanor Porter’s** Polyanna and **Sax Rohmer’s** (A.S.Wade) Dr. Fu Manchu. **D.H. Lawrence’s** Sons and Lovers and **Marcel Proust’s** Swann’s Way. **Guillaume Appolinaire’s** poems in Alcools. **George Bernard Shaw’s** Pygmalion debuts. Violent demonstrations greet Parisian premiere of **Igor Stravinsky’s** Rites of Spring, choreographed and performed by Nijinsky.

BIRTHS: Richard Nixon, Gerald Ford, Jonas Edward Salk, Albert Camus **DEATHS:** J.P. Morgan, John Muir, George Westinghouse

1914

DOMESTIC EVENTS: **Woodrow Wilson** declares American neutrality after war breaks out in Europe; orders American troops into Vera Cruz to exact apology for **Victoriano Huerta's** arrests of American soldiers. With Argentina, Brazil, and Chile mediating dispute, Huerta resigns and US troops are withdrawn. Panama Canal opens to traffic. Federal Trade Commission established. Clayton Anti-Trust Act passed. Smith-Lever Act passed to fund agricultural colleges. 21 miners and family die in Ludlow Massacre, climaxing struggle between unions and **John D. Rockefeller's** Colorado Fuel & Iron Co. Suffragettes march on the Capitol at Washington. Women's suffrage leader

INTERNATIONAL EVENTS: World war erupts in Europe following assassination of Archduke **Franz Ferdinand**. Britain, France, Russia, Japan, Serbia, Montenegro et al. vs. Germany, Austria, and Turkey. Germans advance through Belgium and France until turned back at Battle of Marne. Germans halt Russian campaign in East Prussia. Russians invade Hungary. Trench warfare begins with first Battle of Ypres. French Socialist and pacifist, **Jean Jaures**, assassinated. British suffragists suspend campaign for vote. Home Rule for Ireland passed. South Africa's prime minister, **Louis Botha**, puts down pro-German Boer revolt. Civil war in Mexico between Huerta's successor, **Venustiano Carranza** and the forces of "**Pancho**" **Villa** and **Emiliano Zapata**. **Mohandas Ghandi** returns to India, fasts against British rule.

SCIENCE, TECHNOLOGY, AND COMMERCE: George Washington Carver reveals results of peanut experiments. **Margaret Sanger** coins term "birth control" in her pamphlet, Family Limitation, for which she is arrested. Ford introduces \$5-day after threats of labor troubles. NY debutante, **Mary Phelps Jacob**, patents elastic brassiere. **Clarence Birdseye** pioneers fish-freezing. Gulf Oil distributes first automobile maps. Cleveland introduces first red/green traffic lights. **William Wrigley, Jr.** introduces Doublemint gum. Ad writer **W.B. Laughhead** invents Paul Bunyan and Babe, the blue ox, as instant folklore for Red River Lumber. Amalgamated Clothing Workers Union formed.

EDUCATION AND RELIGION: **Pope Benedict XV** succeeds **Pope Pius X**. American Jewish Committee formed.

SPORTS AND RECREATION: Yale Bowl completed (80,000). **Jack Dempsey** begins fighting as "Kid Blackey." Mothers Day established.

ART, LITERATURE, AND MUSIC: **Henri Matisse** paints "The Red Studio." **Sonia Delaunay** paints "Electric Prisms," **Paul Klee** "discovers" color on visit to Tunisia. **Henry Bacon** designs Lincoln Memorial. **James Joyce** publishes Dubliners. **Andre Gide's** Les Caves du Vatican. **Miguel de Unamuno**, Mist; **Natsume Soseki**, Kokoro; **Henry James**, The Golden Bowl, **Theodore Dreiser**, The Titan; **Edgar Rice Burroughs**, Tarzan of the Apes; **Booth Tarkington**, Penrod; **Vachel Lindsay's** The Congo and Other Poems; **Robert Frost's** North of Boston.. **Joyce Kilmer**, Trees and Other Poems. **Elmer Rice's** "On Trial," first play to use cinematic technique of flashback. **George Bernard Shaw**, "Pygmalion" debuts. The Little Review, Vanity Fair and The New Republic begin publication. Darktown Jubilee, first film to star a black actor, **Bert Williams**. American Society of Composers, Authors, and Publishers (ASCAP) founded. **Irving Berlin's** "Watch Your Step."

BIRTHS: Jonas Edward Salk, Ralph Ellison, Randolph Jarrell, Tennessee Williams, Marguerite Duras Dylan Thomas, Octavio Paz. Gypsy Rose Lee, Dorothy Lamour **DEATHS:** Charles Sanders Peirce, George Westinghouse, John Muir, Arthur Thayer Mahan

1915

DOMESTIC EVENTS: US protests sinking of Lusitania. Military camp for civilians established at Plattsburgh, NY. US Coast Guard founded. **J.P. Morgan** organizes \$500 million loan for Great Britain and France; survives assassination attempt. US Marines land in Haiti following execution of 167 political prisoners; Haiti made American protectorate. Supreme Court permits blacklisting of union members, with Holmes dissenting. **Robert LaFollette's** Seaman's Act passed, protecting merchant marine sailors. **Woodrow Wilson** vetoes literacy test for immigrants. **William Joseph Simons** revives KKK at Stone Mountain, near Atlanta, on Thanksgiving night. IWW organizer **Joe Hill** executed.

INTERNATIONAL EVENTS: European war intensifies. Germany begins u-boat blockade of Britain. Britain attempts to seize Dardanelles from Turks, who, allied with Germany, threaten to block supplies to Russia. Turkey, meanwhile, accuses Armenians of pro-Russian sentiments, deports 1.75 million, at least 600,000 starve to death in Mesopotamian desert. Britain's Gallipoli campaign fails, with blame falling on **Winston Churchill**, 41, first lord of admiralty. Germans introduce chlorine gas at second Battle of Ypres. Italy turns on ally, Austria.

SCIENCE, TECHNOLOGY, AND COMMERCE: **Albert Einstein** postulates his general theory of relativity. British chemist **James Kendall** isolates dysentery bacillus. Millionth Ford rolls off assembly line; Ford develops tractor. **W.C. Durant** incorporates Chevrolet Motor Co. San Francisco's Panama Pacific International Exposition opens. **Willis Carrier** and 6 other engineers start Carrier Engineering Co. for air-conditioning. Kraft processed cheese introduced; Kellogg's 40% Bran Flakes. Idaho merchant, **Marion Skaggs** and his brothers launch Safeway Stores chain. Corning Glass introduces Pyrex. Taxicabs widely introduced at a nickel ("jitney") a ride.

EDUCATION AND RELIGION: Emory University founded at Atlanta under the name Methodist College. Harvard's **Harry Elkins Widener** Library opens as a mother's memorial to the Titanic victim. National Birth Control League founded. **Leo Franck** lynched.

SPORTS AND RECREATION: "Great White Hope" **Jess Willard**, 26th round knockout victory over **Jack Johnson** in Havana. **Rogers Hornsby** debuts at 19 with St. Louis Cardinals. Automobile speed record: 102.6 mph by **Gil Anderson** in a Stutz Bearcat.

ART, LITERATURE, AND MUSIC: Alsatian poet and sculptor, **Jean (Hans) Arp** launches Dada movement. **Marcel Duchamp** visits NYC, paints "Bride Stripped Bare by Her Bachelors Even." Russian painter **Kasimir Malevich** launches Supremism, a movement of geometrical abstraction. **Willa Cather**, *Song of the Lark*, **Theodore Dreiser**, *The Genius*, **Edgar Lee Masters**, *Spoon River Anthology*, **Joseph Conrad's** novel, *Victory*; **D.H. Lawrence**, *The Rainbow*. **Somerset Maugham**, *Of Human Bondage*, **Ford Madox Ford [J.I. Ford Hermann Hueffer]**, *The Good Soldier*, **John Buchan**, *The Thirty-Nine Steps*. **Vachel Lindsay**, *The Art of the Moving Picture*. **Van Wyck Brooks**, *America's Coming-of-Age*. Alfred A. Knopf and Co. founded. Washington Square Players, Neighborhood Players, and Provincetown Playhouse launched. **D.W. Griffith's** *The Birth of a Nation* premieres. **Jan Sibelius**, "Symphony No.5 in E Flat." Pop song: "M-O-T-H-E-R"

BIRTHS: **Saul Bellow**, **Arthur Miller**, **Billie Holiday**, **Ingrid Bergman**, **Ethel Rosenberg**, **Carter G. Woodson** **DEATHS:** **Booker T. Washington**, **Frederick Winslow Taylor**, **Rupert Brooke**, **James Keir Hardie**, **Alexander Scriabin**, **Fanny Farmer**

1916

DOMESTIC EVENTS: **Woodrow Wilson** wins re-election over Republican **Charles Evans Hughes** (9,128,837 to 8,536,380/ 277-254) with "He Kept Us Out of War" campaign; warns Germany on submarine warfare. General **John Pershing** leads 6000 troops across Mexican border in pursuit of **Pancho Villa**, after Villa's raid on a New Mexico town. Marines land in Santo Domingo to end disorders, occupation lasts to 1924. **Jeanette Rankin** (R, MT): first woman elected to House.. Wilson authorizes 8-hour day for railroad workers. Bomb thrown in San Francisco Preparedness Day parade. US purchases Virgin Islands. **Alice Paul** founds National Woman's Party to spearhead suffrage campaign.

INTERNATIONAL EVENTS: Casualties mount in Europe. Britain withdraws from Gallipoli. Battle of Verdun takes 350,000 French lives and almost as many German; German fleet escapes British at Battle of Jutland. **Lord Kitchener** lost when HMS Hampshire sinks. Allied armies lose nearly 800,000 men and Central Powers 538,000 in 140-day Battle of the Somme. First use of tanks. American Escadrille established in Europe with 7 volunteer American pilots. **T.E. Lawrence** helps persuade grand sharif of Mecca, **Husein Ibn-Ali** to rebel against his allies, the Ottoman Turks, marking beginning of Hashemite dynasty. 2,000 Irish rebels are suppressed following Easter Rising in Dublin. **Rasputin** killed.

SCIENCE, TECHNOLOGY, AND COMMERCE: National Academy of Sciences establishes National Research Council. **F.W. Mott** suggests theory of shell shock. Battlefield medicine leads to development of plastic surgery. Stanford psychologist **Lewis M. Terman** introduces term I.Q. to explain his Stanford-Binet test. **Marcus Garvey** brings his Universal Negro Improvement Assoc. to US. **Margaret Sanger** opens first birth control clinic outside Holland - in Brooklyn. **Lee De Forest** conducts first radio broadcast. Piggly Wiggly opened at Memphis, TN. Double-shelled enameled bathtubs, Lucky Strikes, Lincoln Logs, and Keds go into mass production. First US zoning law enacted in NYC.

EDUCATION AND RELIGION: MIT moves to current location. Russell Sage College for Women (NY) founded. **John Dewey** publishes Democracy and Education. First issue of Journal of Negro History. Vassar introduces first college course on the family.

SPORTS AND RECREATION: Rose Bowl games resume; Brown's **Frederick "Fritz" Pollard**, first African-American to play. Philadelphia's **Grover Cleveland Alexander** pitches record 16 shutouts. US Park Service established. Boy Scouts of America incorporated.

ART, LITERATURE, AND MUSIC: **Henri Matisse** paints "The Three Sisters;" **Giorgio de Chirico**, 28, paints "The Disquieting Muse." Claude Monet begins his water lily series. **Hans Arp**, **Tristan Tzara (Sami Rosenstock)** and **Hugo Ball** make Zurich the center of Dada movement. The Saturday Evening Post buys its first **Norman Rockwell** illustration. **Frank Lloyd Wright** designs Imperial Hotel in Tokyo. **Booth Tarkington's** popular youth novel, Seventeen. **Theodore Dreiser's** The Genius suppressed in NYC. **James Joyce**, A Portrait of the Artist as a Young Man. **John Buchan's** thriller, Greenmantle. **Carl Sandburg's** Chicago Poems and **Edgar Arlington Robinson's** The Man Against the Sky win their authors much notice. Dixieland Jass Band opens at Schiller's Cafe in Chicago. **D.W. Griffith's** 48-reel Intolerance, a bust.

BIRTHS: Yehudi Menuhin, Walter Cronkite, Kirk Douglas, Francois Mitterand, Francis Crick **DEATHS:** Jack London, Henry James, James Whitcomb Riley, William Merritt Chase, Thomas Eakins, Odilon Redon, Ruben Dario, Franz Marc, Alan Seeger, Ernst Mach

1917

DOMESTIC EVENTS: German resumption of unrestricted submarine warfare leads Wilson to send war message to Senate, which declares war on Germany 4 days later., Rep. Rankin voting no. Gen. **John Pershing** recalled from Mexico to head American Expeditionary Force: troops do not go into action until October 27. Jones Act makes Puerto Ricans American citizens: 18,000 immediately drafted into US Army. Immigration Act excluding Asian laborers passed over Wilson's veto. Race riots in East St. Louis, IL, leave 39 dead. **W.E.B. DuBois** and **James Weldon Johnson** of NAACP lead 15,000 African Americans in silence down NYC's Fifth Avenue. Suffragists picket White House. NY grants equal voting rights for women.. Federal raids on IWW headquarters. **A Philip Randolph** cofounds The Messenger in Chicago.

INTERNATIONAL EVENTS: Russian troops mutiny March 10: strikes and riots force abdication of Czar **Nicholas II** and his brother, Michael, ending 304-year reign of Romanovs. **Lenin** arrives in Petrograd, where Bolshevik Revolution begins November 6, toppling provisional (Kerensky) government. Mutiny spreads to French troops after devastating losses, suppressed by **General Petain**, who executes 23 socialist and pacifist soldiers. British lose 400,000 in Battle of Paschendale. Turks lose Aqaba to Arab forces under Colonel **T.E. Lawrence**, and British invade Palestine. **Arthur Balfour**, Foreign Secretary, issues Declaration favoring establishment of Jewish homeland in Palestine.

SCIENCE, TECHNOLOGY, AND COMMERCE: War Industries Board, under **Bernard Baruch**, orders all automakers to convert to war work. Meatless and wheatless days introduced; inflation at 17%. Philips Petroleum, Humble Oil, and Union Carbide launched. Japan's Datsun motorcar has its beginnings in Kwaishinksa Motor Car Works (Tokyo); BMW (Bayerische Motoren Werke) begins with motorcycle and airplane engines. US cigarette production reaches 35.3 billion a year, up from 15 billion in 1915. US has 40,000 millionaires, up from 4,000 in 1892.

EDUCATION AND RELIGION: First edition of World Book Encyclopedia. Federal Board for Vocational Education established. American Friends Service Committee formed for relief work abroad. Modern translation of Hebrew Scriptures published for American Jews.

SPORTS AND RECREATION: National Hockey League organized in Montreal. Anti-prostitution drive closes 200 brothels in San Francisco. Navy pressure forces closure of New Orleans's infamous Storyville district, accelerating northern diaspora of black musicians.

ART, LITERATURE, AND MUSIC: **Francis Picabia** launches Dadaist magazine, 391. **Piet Mondrian**, 45, founds art review, *De Stijl*. **Guillaume Apollinaire** coins term, "surrealism." **Abraham Cahan's** novel, *The Rise of David Levinsky*. **Sinclair Lewis's** novel about the new office world, *The Job*. **Hamlin Garland's** memoir, *A Son of the Middle Border*. **Carl Jung's**, *The Unconscious*. **Edna St. Vincent Millay's** *Renascence and Other Poems*; **T.S. Eliot's** *Prufrock and Other Observations*. Imagism expounded in **Amy Lowell's** *Tendencies in Modern American Poetry*. First Pulitzer Prizes awarded. **Eugene O'Neill's** "The Long Voyage Home" premieres. **Sarah Bernhardt**, 72, conducts last American tour.. **George M. Cohan's** "Over There." Original Dixieland Jazz Band cuts first jazz recording, "Darktown Strutter's Ball."

BIRTHS: **John Fitzgerald Kennedy**, **Carson McCullers**, **Robert Lowell**, **Dizzy Gillespie**, **Thelonius Monk**, **Andrew Wyeth**, **Lena Horne**, **DEATHS:** "Buffalo Bill" **Cody**, **Edgar Degas**, **Auguste Rodin**, **Albert Pinkham Ryder**, **Mother Cabrini**, **Emile Durkheim**, **Scott Joplin**

1918

DOMESTIC EVENTS: On January 8, **Woodrow Wilson** announces his war aims, or "14 Points" (including a League of Nations) indispensable to a just peace, in order to counter revelations by Bolsheviks of secret Allied agreements to carve up the German Empire. Sedition Act passed against anyone hindering war effort by making false statements, obstructing enlistment, talking against production of war materials, etc. Sabotage Act passed, aimed at IWW. **Eugene V. Debs** sentenced to 10 years in federal prison for violating these acts. Third and Fourth Liberty Loan Drives launched. War Industries Board orders all auto manufacturers to convert to war work. Daylight Saving Time goes into effect. Meatless and wheatless days introduced. Inflation up 17% over previous year. "Spanish" influenza kills 500,000 in the United States. News of German surrender arrives at 3 a.m. November 11. Wilson sails for Paris Peace Conference. Supreme Court declares Federal Child Labor Law of 1916 unconstitutional. African Blood Brotherhood, radical black nationalist organization, founded.

INTERNATIONAL EVENTS: An outbreak of influenza -- the worst pandemic to afflict mankind since the Black Death -- sweeps through Europe, America, and Asia, killing 22 million -- 1% of the world's population. Germany, Ireland, Sweden, Poland, and Canada grant women's suffrage; Britain does too -- for women over 30. Russia withdraws from the war by signing the Treaty of Brest-Litovsk; Finns recapture Helsinki from Bolsheviks. Attempted assassination of **Lenin**. Czar and family executed in July. US sends troops to occupy Vladivostok. Revolution ends the Hapsburg monarchy in Hungary. Bulgaria's **Ferdinand I** and Austria's **Karl I** abdicate. The Polish Republic is proclaimed; the Yugoslav nation organized. **Thomas Masaryk** elected president of Czechoslovakia. Transylvania unites with Rumania. Moslem riots in Calcutta. British and Arab forces occupy Damascus; the French take Beirut. Britain rejects home rule for Ireland. German forces launch major western offensive in March at the Second Battle of the Somme but are stopped in June by combined US and French forces in the Second Battle of the Marne. 1,200,000 American troops under General **John Pershing** launch their first major counter-offensive in September in the Battles of Argonne and Ypres, and, combined with British tank attacks at Amiens, force Germans back to Hindenberg line. Mutiny breaks out in German fleet in October; Germany's **Wilhelm II** abdicates November 8. German fleet surrenders. Armistice signed November 11.

SCIENCE, TECHNOLOGY, AND COMMERCE: Mount Wilson Telescope (Pasadena) completed. American astronomer, **Harlow Shapley** discovers true dimensions of Milky Way. German physicist **Max Planck** awarded Nobel Prize for quantum theory. **Leonard Woolley** begins Babylonian excavations. Swiss-American chemist **Camille Edward Dreyfus** founds Celanese Corporation of America to produce cellulose acetate lacquers and plastic film. First official US air mail flight and air mail stamp. Mexico nationalizes its oil reserves. General Motors acquires control of Fisher Body Co. Harry, Albert, Jack, and Sam incorporate Warner Brothers Pictures in California; **Louis B. Mayer** Pictures Corporation organized in L.A. Lever Bros. introduce first granulated detergent: Rinso. Kimberly-Clark introduces Kotex under name Celucotton. Camel cigarettes control 40% of American market; favorite smoke of soldiers. Raggedy Ann doll introduced by NY firm, based on 1917 stories by **John Gruelle**. Italian-American pasta maker **Emanuele Ronzoni** incorporates in NY but will not sell under his name till 1932. Hershel Fruit Products Co. (CA) launches Contadina canned tomato sauce. Kelvinator refrigerator introduced. Sports cartoonist **Robert Ripley**, 24, introduces his "Believe It or Not!" drawings. Amalgamated Clothing Workers Union begins striking against open shops, sweat shops, and piece work pay, and will claim victory in 333 of 534 strikes conducted over next six years.

EDUCATION AND RELIGION: Mississippi, last state to pass compulsory school attendance. **Mary Dennett** reorganizes National Birth Control League as more moderate Voluntary Parenthood League. **Edward Demby**, first black Episcopal Bishop. Canadian-American **Aimee Semple McPherson**, 28, founds her International Church of the Four-Square gospel in L.A.

SPORTS AND RECREATION: Baseball season cut short by order of the Secretary of War, **Newton Baker**. Boston, with **Babe Ruth**, wins World Series. **Vernon Castle**, of Vernon and Irene Castle dance fame, dies in plane crash while training army pilots. **Woodrow Wilson** signs Wartime Prohibition Act. Heavyweight champion, **Jack Dempsy**, knocks **Carl Morris** out in 14 seconds.

ART, LITERATURE, AND MUSIC: **Paul Klee** paints "Gartenplan." There are also **Fernand Leger's** "Engine Rooms," **Juan Gris's** "Scottish Girl," **Oskar Kokoschka's** "Saxonian Landscape," **Edvard Munch's** "Bathing Man," **Henry Matisse's** "Odalisques," **Joan Miro's** "Still Life with Coffee" and **Diego Rivera's** "Landscape of Piquey." New Zealand born Australian political cartoonist, **David Low**, joins staff of London Star at age 27. Early installments of **James Joyce's** Ulysses burned by US Post Office. Spanish novelist **Vicente Blanco-Ibanez**, breaks all world records with book sales of The Four Horseman of the Apocalypse. Willa Cather publishes My Antonia; **Booth Tarkington's** The Magnificent Ambersons; **Zona Gale's** Birth; The Education of Henry Adams is published posthumously; the first volume of **Oswald Spengler's** The Decline of the West appears. **Mary Follett**, The New State. **Louise Bryant's** Six Red Months in Russia. **Charles Horton Cooley's** Social Process; **Thorstein Veblen's** The Higher Learning in America. **Lytton Strachey's** Eminent Victorians. **Rupert Brooke's** Collected Poems and **Gerald Manley Hopkins's** Poems published posthumously. **D.H. Lawrence's** New Poems. **Jesse Lynch Smith** wins first Pulitzer Prize for drama with her play Why Marry? **Eugene O'Neill's** The Moon of the Caribbees. **Winchell Smith's** and **Frank Bacon's** Lightnin' opens, will run for 1291 performances. Theatre Guild established. The Stars and Stripes begins publication. Drawing on Creole musical themes, **Henry Franklin Belknap Gilbert** debuts a symphonic poem for ballet -- "Dance in Place Congo" -- at NY's Metropolitan Opera. **Igor Stravinsky's** "Histoire du Soldat" premieres; **Bela Bartok's** opera, "Bluebeard's Castle." Cleveland Orchestra founded; New York Philharmonic bans music by German composers. **Al Jolson** stars in musical "Sinbad," featuring "My Mammy" and "Rock-a-by Your Baby With a Dixie Melody." Popular songs include **Irving Berlin's** "Oh, How I Hate to Get Up in the Morning," **Richard Whiting's** "Till We Meet Again" and Canadian-American **Richard Egan's** "K-K-K-Katy." Original Dixieland Jazz Band tours abroad, introducing American musical idioms to Europeans. **Charlie Chaplin's** films Shoulder Arms and A Dog's Life debut, as does **Abel Gance's** Tenth Symphony.

BIRTHS: Billy Graham, Leonard Bernstein, Pearl Bailey, Ingmar Bergman, Ella Fitzgerald, Nelson Mandela, Gamal Abdal Nasser, Anwar al-Sadat, Alexandr Solzhenitsyn, Murial Spark, Mickey Spillane, Jacqueline Susann, Kurt Waldheim, Mike Wallace, Ted Williams **DEATHS:** Randolph Bourne, Henry Adams, James Gordon Bennett, Guillaume Appolinaire, Claude Debussy, Gustav Klimt, Egon Shiele, Georgi Plekhanov, Franz Wedekind, Georg Simmel, Joyce Kilmer, R.J. Reynolds

DOMESTIC EVENTS: **Woodrow Wilson** returns to US to campaign for the Treaty of Versailles and the League of Nations. Paralyzed by a stroke while on a swing through the West, he is unable to defeat the Senate isolationists, led by **Henry Cabot Lodge** (MA), who reject the Treaty and the League. The 18th Amendment (Prohibition) is ratified. The House of Representatives unseats Socialist congressman, **Victor Berger** (WI), and then declares his seat vacant after he is re-elected. Massive strikes in steel and other industries in US and Canada: 4 million on strike or locked out. Supreme Court upholds **Eugene V. Debs's** conviction for sedition. Justice **Oliver Wendell Holmes, Jr.** formulates "clear and present danger" test for suppressing free speech in *Schenck v. US*. Red Scare begins in December under the leadership of Attorney General **A. Mitchell Palmer** and his special assistant, **J. Edgar Hoover**, 24, who handles the deportation to Russia of **Emma Goldman**, **Alexander Berkman**, and 250 others. Race riots occur in 26 cities. Communist Labor Party founded in Chicago; American Legion formed in Paris. The 19th Amendment (Women's Suffrage) adopted by Congress and sent to the states for ratification. International Labor Congress in Washington endorses 8-hour day. Famed 369th (Black) Regiment marches up NYC's Broadway, while other black soldiers refuse to march at back of victory parade in St. Joseph, MO. **Jane Addams**, first president of The Women's International League for Peace and Freedom. **Mary White Ovington**, first women president of NAACP.

INTERNATIONAL EVENTS: German fleet scuttled at Scapa Flow. Versailles Peace Conference opens January 18 with delegates from 27 victorious nations; resolves to create League of Nations aimed at collective protection, disarmament, labor legislation, and world health. Treaty signed June 28 obliges Germany to accept sole responsibility for the war, to return Alsace-Lorraine to France, to cede her colonies as mandates to the League of Nations, and to pay immense reparations in the form of money, ships, and coal. New German republic is proclaimed. Communist (Spartacist) uprising is suppressed in Berlin; its leaders, **Rosa Luxemburg** and **Karl Liebknecht**, murdered in prison. **Adolf Hitler** founds National Socialist Party; **Benito Mussolini** forms Fasci del Combattimento. Italy grants women's suffrage. Third International founded in Moscow to promote world revolution. Red Army drives British troops out of Murmansk, enters Estonia and the Crimea. **Ignace Paderewski** becomes premier of Poland. Rumania annexes Transylvania, invades Hungary, where it overthrows the new Communist government under **Bela Kun**, plunders the country, and then withdraws.. **Mustapha Kemal** resists Greek and Italian troops, who have invaded his crumbling Ottoman Empire. Nationalist riots in Cairo. Anglo-Persian agreement at Teheran to preserve integrity of Persia. Nicaragua asks US protection from Costa Rica. **Emiliano Zapata** killed by Mexican government troops. Sinn Fein Members of Parliament proclaim an independent Irish Republic with **Eamon de Valera** president and with its own parliament (Dail Eireann), which the British suppress. General strike in Winnipeg, Canada. **Louis Botha**, Prime Minister of the Union of South Africa, dies, is succeeded by **Jan Smuts**. Amritsar riots and massacre in India. Revolutionary May Fourth Movement breaks out in China in protest against concessions to Japan. **W.E.B. DuBois** organizes first Pan African Congress in Paris.

SCIENCE, TECHNOLOGY, AND COMMERCE: English scientist, **F.W. Aston**, builds first mass spectograph and establishes phenomenon of isotopy. Father of modern American rocketry, **Robert Goddard**, publishes *A Method of Reaching Extreme Altitudes*. RFC veteran, **John William Alcock** and navigator **Arthur Whitten** achieve first nonstop transatlantic flight, from Newfoundland to Ireland, in 16 hours. US alien property custodian, Yale's own **Francis P. Garvan**, forms Chemical Foundation to hold in trust German chemical patents seized as war spoils and to issue licenses to American companies: e.g., Sterling Drug Co., which purchases Bayer Aspirin patent -- marks the beginning of American dominance among chemical companies. **E.I. du Pont de Nemours** has \$49 million in wartime profits even after paying dividends of \$141 million. Olin Corporation formed by US chemical engineer, **John Olin**, 26, and father **Franklin**. KLM airlines founded in the Netherlands. **Henry Ford** assumes control of Ford Motor Co., begins publishing anti-Semitic articles in his *Dearborn Independent*. **W.O. Bentley** introduces his motorcar in London. **Andre Gustave Citroen**, former munitions maker, introduces his new car. General Motors Acceptance Corporation is founded by GM to facilitate installment buying and financing. Oregon imposes first gasoline tax. AT&T introduces first dial phones, in Norfolk, VA. **Owen Young** founds the Radio Corporation of America. **Claude Barnett** starts the American Negro Press, a wire service for African America newspapers. Physical culture promoter, **Bernarr Macfadden**, 51, launches *True Story*, first of pulp confession magazines. Captain Billy's Whiz Bang has its beginnings in Minneapolis with **Wilford H. Fawcett's** mimeographed off-color joke sheet. The New York Daily News begins publication. **E. Haldeman-Julius** begins publishing his Little Blue books at Girard, KA. **D.W. Griffith**, **Charlie Chaplin**, **Douglas Fairbanks**, and **Mary Pickford** found United Artists. Compania Ron Bacardi incorporated in Cuba, where many thirsty Americans are beginning to flock. Peter Paul Manufacturing Co. founded in New Haven by **Peter Paul Halajan**. The Eskimo Pie has its beginnings in "I Scream Bar" patented by Danish-born candy proprietor, **Christian Nelson**.

EDUCATION AND RELIGION: UCLA opens. Eastman School of Music and Julliard School of Music founded. Boston merchant **Edward Filene** establishes Twentieth Century Fund to advance research on economic questions. **Abala Bose** organizes the Nari Shiksha Samiti to foster education among women throughout India. Physician Alice Hamilton (industrial medicine) becomes first woman to teach at Harvard Medical School.. **John B. Watson's** *Psychology from the Standpoint of a Behaviorist*.. **Karl Barth's** *Epistle to the Romans* launches Protestant dialectical theology.

SPORTS AND RECREATION: **George Hansburg**, 32, patents pogo stick. **Jack Dempsey** takes heavyweight championship from **Jess Willard**. **Jim Thorpe** finishes his 6-year career in baseball. Chicago "Black Sox" scandal after World Series thrown to Cincinnati. Grand Canyon (AR), Zion (UT), and Lafayette (ME) National Parks established. US gets first racing Triple Crown winner in Sir Barton.

ART, LITERATURE, AND MUSIC: **Pablo Picasso** paints his "Portrait of Gertrude Stein," "Pierrot and Harlequin," and "Boy Leading a Horse." **Maurice Vlaminck** paints "The Red Trees." **Andre Derain**, "Westminster Bridge." **Raoul Dufy**, "Street Decked Out with Flags at Le Havre," **Georgia O'Keeffe**, "From the Plains--I," **Diego Rivera**, "Coltaltetpetl." German architect, **Walter Gropius**, founds the Bauhaus School in Weimar to develop master craftsman and architects as artists and will bring **Paul Klee**, **Wassily Kandinsky**, **Laszlo Moholy-Nagy**, and **Lyonel Feininger**, among others, to its faculty. **Constantin Brancusi** sculpts "Bird in Space." **Frank King** launches his "Gasoline Alley" comic strip in the Chicago Tribune. **Sherwood Anderson** publishes his novel *Winesburg, Ohio*; **James Branch Cabell**, *Jurgen*. **Storm Jameson**, *The Pot Boils*, the first of some 40 novels. **Fannie Hurst's** short story collection, *Humoresque*. **Andre Gide**, *La Symphonie pastorale*. **W.Somerset Maugham**, *The Moon and Sixpence*; **Siegfried Sassoon's** *War Poems*; **Thomas Hardy's** *Collected Poems*. **George Bernard Shaw's** drama "Heartbreak House;" **Karl Kraus's** "The Last Days of Mankind." **Manuel de Falla's** ballet "Three-Cornered Hat," **George Gershwin's** "Swanee." **Irving Berlin**, "A Pretty Girl is Like a Melody." **Nora Douglass Holt** founds National Association of Negro Musicians. **Robert Wiene's** film, *The Cabinet of Dr. Caligari*. Soviet film industry nationalized. Black filmmaker, **Oscar Micheaux**, issues his first release *The Homesteader*.

BIRTHS: **Liberace**, **Evita Duarte Peron**, **MacGeorge Bundy**, **J.D.Salinger**, **Doris Lessing**, **Iris Murdoch**, **Pete Seeger**, **Merce Cunningham**, **Margot Fonteyn**, **Slim Pickens**, **Jackie Robinson**, **Abigail Van Buren**, **George C. Wallace**, **Malcolm Forbes**, **Robert Stack**, **Susan Hayward**, **Jennifer Jones**, **Nat "King" Cole**, **Tennessee Ernie Ford**
DEATHS: **Andrew Carnegie**, **Henry Clay Frick**, **James McParlan**, **Theodore Roosevelt**, **John Reed**, **L. Frank Baum**, **F.W. Woolworth**, **Pierre Renoir**, **Carl Larsson**, **Ella Wheeler Wilcox**, **William Osler**