

The background of the book cover is a painting of a rural landscape. In the upper left, a large, two-story red barn with a brown roof and a small cupola sits on a grassy hill. To the right, a portion of a wooden windmill is visible. The foreground and middle ground are dominated by a vast field of golden wheat, with rows of crops stretching towards the horizon. The sky is a pale, clear blue.

CREATING ABUNDANCE

BIOLOGICAL INNOVATION AND AMERICAN AGRICULTURAL DEVELOPMENT

ALAN L. OLMSTEAD AND PAUL W. RHODE

CAMBRIDGE

Creating Abundance Biological Innovation And American Agricultural Development

James W. Cortada



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Creating Abundance Alan L. Olmstead, Paul W. Rhode, 2008-09-08 This book argues biological innovations played a crucial if unheralded role in American agricultural development

The Rise of Western Power Jonathan Daly, 2021-01-14 In this second edition of *The Rise of Western Power* Jonathan Daly retains the broad sweep of his introduction to the history of Western civilization as well as introducing new material into every chapter enhancing the book's global coverage and engaging with the latest historical debates The West's history is one of extraordinary success no other region empire culture or civilization has left so powerful a mark upon the world Daly charts the West's achievements representative government the free enterprise system modern science and the rule of law as well as its misdeeds two World Wars the Holocaust imperialistic domination and the Atlantic slave trade Taking us through a series of revolutions he explores the contributions of other cultures and civilizations to the West's emergence weaving in historical geographical and cultural factors The new edition also contains more material on themes such as the environment and gender and additional coverage of India China and the Islamic world Daly's engaging narrative is accompanied by timelines maps and further reading suggestions along with a companion website featuring study questions over 100 primary sources and 60 historical maps to enable further study

Plantation Kingdom Richard Follett, Sven Beckert, Peter Coclanis, Barbara M. Hahn, 2016-04 Written for scholars and students alike *Plantation Kingdom* is an accessible and fascinating study

The Cambridge History of Science: Volume 8, Modern Science in National, Transnational, and Global Context Hugh Richard Slotten, Ronald L. Numbers, David N. Livingstone, 2020-04-09 This volume in the highly respected Cambridge History of Science series is devoted to exploring the history of modern science using national transnational and global frames of reference Organized by topic and culture its essays by distinguished scholars offer the most comprehensive and up to date interdisciplinary history of modern science currently available Essays are grouped together in separate sections that represent larger regions Europe Africa the Middle East South Asia East and Southeast Asia the United States Canada Australia New Zealand Oceania and Latin America Each of these regional groupings ends with a separate essay reflecting on the analysis in the preceding chapters Intended to provide a balanced and inclusive treatment of the modern world contributors analyze the history of science not only in local national and regional contexts but also with respect to the circulation of knowledge tools methods people and artifacts across national borders

Planting the Seeds of Research Louis A. Ferleger, 2020-01-31 *Planting the Seeds of Research* explores why by the beginning of the twentieth century the United States dominated agricultural production worldwide The thesis is that the ultimate investments made by the United States Department of Agriculture and State governments created the research structure that made American agriculture spectacularly successful The social commitment by business government and farmers built the productive capabilities that generated sustainable prosperity in American agriculture The ultimate investment in agriculture enabled Americans over time to spend less of their disposable income on food and more on other

goods and services and compete in international agricultural markets *Freaks of Fortune* Jonathan Levy, 2012-10-29 Until the nineteenth century risk was a specialized term it was the commodity exchanged in a marine insurance contract *Freaks of Fortune* tells how the modern concept of risk emerged in the United States Born on the high seas risk migrated inland and became essential to the financial management of an inherently uncertain capitalist future **Cotton** Giorgio

Riello, 2015-04-16 Today's world textile and garment trade is valued at a staggering 425 billion We are told that under the pressure of increasing globalisation it is India and China that are the new world manufacturing powerhouses However this is not a new phenomenon until the industrial revolution Asia manufactured great quantities of colourful printed cottons that were sold to places as far afield as Japan West Africa and Europe *Cotton* explores this earlier globalised economy and its transformation after 1750 as cotton led the way in the industrialisation of Europe By the early nineteenth century India China and the Ottoman Empire switched from world producers to buyers of European cotton textiles a position that they retained for over two hundred years This is a fascinating and insightful story which ranges from Asian and European technologies and African slavery to cotton plantations in the Americas and consumer desires across the globe **Bourgeois Dignity** Deirdre Nansen, 2010-11-15 The big economic story of our times is not the Great Recession It is how China and India began to embrace neoliberal ideas of economics and attributed a sense of dignity and liberty to the bourgeoisie they had denied for so long The result was an explosion in economic growth and proof that economic change depends less on foreign trade investment or material causes and a whole lot more on ideas and what people believe Or so says Deirdre N McCloskey in *Bourgeois Dignity* a fiercely contrarian history that wages a similar argument about economics in the West Here she turns her attention to seventeenth and eighteenth century Europe to reconsider the birth of the industrial revolution and the rise of capitalism According to McCloskey our modern world was not the product of new markets and innovations but rather the result of shifting opinions about them During this time talk of private property commerce and even the bourgeoisie itself radically altered becoming far more approving and flying in the face of prejudices several millennia old The wealth of nations then didn't grow so dramatically because of economic factors it grew because rhetoric about markets and free enterprise finally became enthusiastic and encouraging of their inherent dignity An utterly fascinating sequel to her critically acclaimed book *The Bourgeois Virtues* *Bourgeois Dignity* is a feast of intellectual riches from one of our most spirited and ambitious historians a work that will forever change our understanding of how the power of persuasion shapes our economic lives

Natural Resources and Economic Growth Marc Badia-Miró, Vicente Pinilla, Henry Willebald, 2015-05-22 The relationship between natural capital and economic growth is an open debate in the field of economic development Is an abundance of natural resources a blessing or a curse for economic performance The field of Economic History offers an excellent vantage to explore the relevance of institutions technical progress and supply demand drivers *Natural Resources and Economic Growth* contains theoretical and empirical articles by leading scholars who have studied this subject in different historical

periods from the 19th century to the present day and in different parts of the world Part I presents the theoretical issues and discusses the meaning of the curse and the relevance of the historical perspective Part II captures the diversity of experiences presenting thirteen independent case studies based on historical results from North and South America Africa Asia Oceania and Europe This book emphasizes that an abundance of natural resources is not a fixed situation It is a process that reacts to changes in the structure of commodity prices and factor endowments and progress requires capital labour technical change and appropriate institutional arrangements This abundance is not a given but is part of the evolution of the economic system History shows that institutional quality is the key factor to deal with abundant natural resources and especially with the rents derived from their use and exploitation This wide ranging volume will be of great relevance to all those with an interest in economic history development economic growth natural resources world history and institutional economics

Nationalism and Economic Development in Modern Eurasia Carl Mosk, 2013 This book advances a new theory of why nationalism emerged in the modern world In particular it explains why nationalism and economic development are closely linked and why warfare plays a crucial role in the spread of the nation state system It is based on qualitative and quantitative evidence over the period 1600 to 2000 for seven countries Great Britain France Germany Yugoslavia the United States Japan and China

Rice Francesca Bray, Peter A. Coclanis, Edda L. Fields-Black, Dagmar Schäfer, 2015-02-19 Rice is a first step toward a history of rice and its place in capitalism from global and comparative perspectives

African Founders David Hackett Fischer, 2022-05-31 A synthesis of African and African American history that shows how slavery differed in different regions of the country and how the Africans and their descendants influenced the culture commerce and laws of the early United States

Empire of Vines Erica Hannickel, 2013-10-09 The lush sun drenched vineyards of California evoke a romantic agrarian image of winemaking though in reality the industry reflects American agribusiness at its most successful Nonetheless as author Erica Hannickel shows this fantasy is deeply rooted in the history of grape cultivation in America Empire of Vines traces the development of wine culture as grape growing expanded from New York to the Midwest before gaining ascendancy in California a progression that illustrates viticulture's centrality to the nineteenth century American projects of national expansion and the formation of a national culture Empire of Vines details the ways would be gentleman farmers ambitious speculators horticulturalists and writers of all kinds deployed the animating myths of American wine culture including the classical myth of Bacchus the cult of terroir and the fantasy of pastoral republicanism Promoted by figures as varied as horticulturalist Andrew Jackson Downing novelist Charles Chesnut railroad baron Leland Stanford and Cincinnati land speculator Nicholas Longworth known as the father of American wine these myths naturalized claims to land for grape cultivation and legitimated national expansion Vineyards were simultaneously lush and controlled bearing fruit at once culturally refined and naturally robust laying claim to both earthy authenticity and social pedigree The history of wine culture thus reveals nineteenth century Americans fascination with the relationship between nature and culture

[Birth of](#)

Modern Facts James W. Cortada, 2023-01-09 For over twenty years James W Cortada has pioneered research into how information shapes society In this book he tells the story of how information evolved since the mid nineteenth century Cortada argues that information increased in quantity became more specialized by discipline e g mathematics science political science and more organized Information increased in volume due to a series of innovations such as the electrification of communications and the development of computers but also due to the organization of facts and knowledge by discipline making it easier to manage and access He looks at what major disciplines have done to shape the nature of modern information devoting chapters to the most obvious ones Cortada argues that understanding how some features of information evolved is useful for those who work in subjects that deal with their very construct and application such as computer scientists and those exploring social media and most recently history The Birth of Modern Facts builds on Cortada's prior books examining how information became a central feature of modern society most notably as a sequel to All the Facts A History of Information in the United States since 1870 OUP 2016 and Building Blocks of Society History Information Ecosystems and Infrastructures R L 2021

Ecology and Power in the Age of Empire Corey Ross, 2017-03-31 Ecology and Power in the Age of Empire provides the first wide ranging environmental history of the heyday of European imperialism from the late nineteenth century to the end of the colonial era It focuses on the ecological dimensions of the explosive growth of tropical commodity production global trade and modern resource management transformations that still visibly shape our world today and how they were related to broader social cultural and political developments in Europe's colonies Covering the overseas empires of all the major European powers Corey Ross argues that tropical environments were not merely a stage on which conquest and subjugation took place but were an essential part of the colonial project profoundly shaping the imperial enterprise even as they were shaped by it The story he tells is not only about the complexities of human experience but also about people's relationship with the ecosystems in which they were themselves embedded the soil water plants and animals that were likewise a part of Europe's empire Although it shows that imperial conquest rarely represented a sudden bout of ecological devastation it nonetheless demonstrates that modern imperialism marked a decisive and largely negative milestone for the natural environment By relating the expansion of modern empire global trade and mass consumption to the momentous ecological shifts that they entailed this book provides a historical perspective on the vital nexus of social political and environmental issues that we face in the twenty first century world

Trees in Paradise Jared Farmer, 2013-10-28 Describes how the first settlers in California changed the brown landscape there by creating groves wooded suburbs and landscaped cities through planting eucalypts in the lowlands citrus colonies in the south and palms in Los Angeles

Faxed Jonathan Coopersmith, 2015-02-28 The intriguing story of the rise and fall and unexpected persistence of the fax machine illustrates the close link between technology and culture Co Winner of the Hagley Prize in Business History of the Business History Conference Faxed is the first history of the facsimile machine the most famous recent example of a tool made

obsolete by relentless technological innovation Jonathan Coopersmith recounts the multigenerational multinational history of the device from its origins to its workplace glory days in the process revealing how it helped create the accelerated communications information flow and vibrant visual culture that characterize our contemporary world Most people assume that the fax machine originated in the computer and electronics revolution of the late twentieth century but it was actually invented in 1843 Almost 150 years passed between the fax s invention in England and its widespread adoption in tech savvy Japan where it still enjoys a surprising popularity Over and over again faxing s promise to deliver messages instantaneously paled before easier less expensive modes of communication first telegraphy then radio and television and finally digitalization in the form of email the World Wide Web and cell phones By 2010 faxing had largely disappeared having fallen victim to the same technological and economic processes that had created it Based on archival research and interviews spanning two centuries and three continents Coopersmith s book recovers the lost history of a once ubiquitous technology Written in accessible language that should appeal to engineers and policymakers as well as historians Faxed explores themes of technology push and market pull user based innovation and blackboxing the packaging of complex skills and technologies into packages designed for novices while revealing the inventions inspired by the fax how the demand for fax machines eventually caught up with their availability and why subsequent shifts in user preferences rendered them mostly pass

A Companion to the History of American Science Georgina M. Montgomery, Mark A. Largent, 2015-10-07 A Companion to the History of American Science offers a collection of essays that give an authoritative overview of the most recent scholarship on the history of American science Covers topics including astronomy agriculture chemistry eugenics Big Science military technology and more Features contributions by the most accomplished scholars in the field of science history Covers pivotal events in U S history that shaped the development of science and science policy such as WWII the Cold War and the Women s Rights movement

The Political Reconstruction of American Tobacco, 1862-1933 Patrick Mulford O'Connor, 2025-06-03 A deeply researched and clearly argued account of the mutual growth of the federal government and the modern tobacco Nearly everything about the United States tobacco economy changed in the generation following the American Civil War From labor to consumption manufacturing to regulation tobacco was utterly reconstructed comparatively a new industry as one contemporary wrote The Political Reconstruction of American Tobacco 1862 1933 exposes the causes of these changes and in the process it reconsiders cornerstones of the American national narrative Through a detailed rendering of tobacco s late nineteenth century political economy this book argues that the federal state s and American capitalism s development were mutually constitutive and fundamentally political processes From the Civil War to the Progressive Era diverse political movements across tobacco s commodity chain drove state and market development creating the immense power and stifling poverty that defined tobacco s reconstruction The Political Reconstruction of American Tobacco 1862 1933 emphasizes the significance of the thousands of manufacturers whose interest groups shaped federal tax

policy and in turn forged a powerful and effective internal revenue system the increasingly influential fertilizer producers and warehouse operators who determined tobacco's value and the crop scientists who sought to promote and rationalize US tobacco production As these actors reshaped tobacco's commodity chain they missed and even dismissed the interests of tobacco growers especially newly emancipated African Americans and smallholding whites throughout the South The ruling logic of tobacco's reconstructed political economy rationalized agrarian indebtedness justified low prices and intensified labor discipline on thousands of small farms In emphasizing these exclusions The Political Reconstruction of American Tobacco 1862-1933 reveals how nineteenth century state and economic development coincided with and even created rural poverty

A Companion to the Gilded Age and Progressive Era Christopher McKnight Nichols, Nancy C. Unger, 2022-06-15 A Companion to the Gilded Age and Progressive Era presents a collection of new historiographic essays covering the years between 1877 and 1920 a period which saw the U S emerge from the ashes of Reconstruction to become a world power The single definitive resource for the latest state of knowledge relating to the history and historiography of the Gilded Age and Progressive Era Features contributions by leading scholars in a wide range of relevant specialties Coverage of the period includes geographic social cultural economic political diplomatic ethnic racial gendered religious global and ecological themes and approaches In today's era often referred to as a second Gilded Age this book offers relevant historical analysis of the factors that helped create contemporary society Fills an important chronological gap in period based American history collections

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