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Algernon Sidney and the English Republic

1623-1677

Records show that the Chinese invented gunpowder in the 800s. By the 1200s they had unleashed the first weapons of war upon their unsuspecting neighbours. This extraordinarily ambitious book traces the history of that invention and its impact on the surrounding Asian world - Korea, Japan, South East Asia and South Asia - from the ninth through the twentieth century. As the book makes clear, the spread of war and its technology had devastating consequences on the political and cultural fabric of those early societies although each reacted very differently. The book, which is packed with information about military strategy, interregional warfare and the development of armaments, also engages with the major debates and challenges traditional thinking on Europe's contribution to military technology in Asia. Articulate and comprehensive, this book will be a welcome addition to the undergraduate classroom and to all those interested in Asian studies and military history.

Importing the European Army

Learning, innovation and adaptation are not concepts that we necessarily associate with the British army of the First World War. Yet the need to learn from mistakes, to exploit new opportunities and to adapt to complex situations are enduring and timeless. This revealing work is the first institutional examination of the army's process for learning during the First World War. Drawing on organisational learning and management theories, Aimée Fox critiques existing approaches to military learning in wartime. Focused around a series of case studies, the book ranges across multiple operational theatres and positions the army within a broader

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context in terms of its relationships with allies and civilians to reveal that learning was more complex and thoroughgoing than initially thought. It grapples with the army's failings and shortcomings, explores its successes and acknowledges the inherent difficulties of learning in a desperate and lethally competitive environment.

Magnificent Mihirungs

The sixteenth and seventeenth centuries saw many ambitious European rulers develop permanent armies and navies. *War and the State in Early Modern Europe* examines this military change as a central part of the political, social and economic transformation of early modern Europe. This important study exposes the economic structures necessary for supporting permanent military organisations across Europe. Large armed forces could not develop successfully without various interest groups who needed protection and were willing to pay for it. Arguing that early fiscal-military states were in fact protection-selling enterprises, the author focuses on: * Spain, the Dutch Republic and Sweden * the role of local elites * the political and organisational aspects of this new military development

The Rise of the West

In light of the spectacular performance of American high-technology weapons in the 1991 Persian Gulf War, as well as the phenomenal pace of innovation in the modern computer industry, many defense analysts have posited that we are on the threshold of a revolution in military affairs (RMA). The issue has more than semantic importance. Many RMA proponents have begun to argue for major changes in Pentagon budgetary priorities and even in American foreign

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policy more generally to free up resources to pursue a transformed U.S. military—and to make sure that other countries do not take advantage of the purported RMA before we do. This book takes a more measured perspective. Beginning with a survey of various types of defense technologies, it argues that while important developments are indeed under way, most impressively in electronics and computer systems, the overall thrust of contemporary military innovation is probably not of a revolutionary magnitude. Some reorientation of U.S. defense dollars is appropriate, largely to improve homeland defense and to take advantage of the promise of modern electronics systems and precision-guided munitions. But radical shifts in U.S. security policy and Pentagon budget priorities appear unwarranted—especially if those shifts would come at the expense of American military engagement in overseas defense missions from Korea to Iraq to Bosnia.

The Military Revolution Debate

Imprudent King

Field Artillery

How and when do military innovations take place? Do they proceed differently during times of peace and times of war? In *Winning the Next War*, Stephen Peter Rosen argues that armies and navies are not forever doomed to "fight the last war." Rather, they are able to respond to shifts in the international strategic situation. He also discusses the changing relationship between the civilian innovator and the

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military bureaucrat. In peacetime, Rosen finds, innovation has been the product of analysis and the politics of military promotion, in a process that has slowly but successfully built military capabilities critical to American military success. In wartime, by contrast, innovation has been constrained by the fog of war and the urgency of combat needs. Rosen draws his principal evidence from U.S. military policy between 1905 and 1960, though he also discusses the British army's experience with the battle tank during World War I.

War and the State in Early Modern Europe

The Chinese invented gunpowder and began exploring its military uses as early as the 900s, four centuries before the technology passed to the West. But by the early 1800s, China had fallen so far behind the West in gunpowder warfare that it was easily defeated by Britain in the Opium War of 1839 – 42. What happened? In *The Gunpowder Age*, Tonio Andrade offers a compelling new answer, opening a fresh perspective on a key question of world history: why did the countries of western Europe surge to global importance starting in the 1500s while China slipped behind? Historians have long argued that gunpowder weapons helped Europeans establish global hegemony. Yet the inhabitants of what is today China not only invented guns and bombs but also, as Andrade shows, continued to innovate in gunpowder technology through the early 1700s—much longer than previously thought. Why, then, did China become so vulnerable? Andrade argues that one significant reason is that it was out of practice fighting wars, having enjoyed nearly a century of relative peace, since 1760. Indeed, he demonstrates that China—like Europe—was a powerful military innovator, particularly during times of great warfare, such as the violent

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century starting after the Opium War, when the Chinese once again quickly modernized their forces. Today, China is simply returning to its old position as one of the world's great military powers. By showing that China's military dynamism was deeper, longer lasting, and more quickly recovered than previously understood, *The Gunpowder Age* challenges long-standing explanations of the so-called Great Divergence between the West and Asia.

The Gunpowder Age

Warfare and Empires

The first full-scale study of this influential political writer for over a century.

War and Society in Early Modern Europe

Examines how technological innovation shaped the rise and fall of empires during four historical periods, from the Gunpowder Age to the Industrial Revolution, and continues to play a pivotal role in modern warfare.

War in European History

Key military developments occurred in the Early Modern period, during which armies evolved from troops of medieval knights to Napoleon's mass levies. Firearms impelled change, necessitating new battlefield tactics and fundamentally altering siege and naval warfare. The size and cost of military forces expanded enormously, and new standing armies underpinned the growing absolutist power of princes.

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Academic experts from both sides of the Atlantic review these developments, discussing the medieval legacy, Spain, the Ottoman Turks, the Thirty Years War, Prussia, the ancien régime and the Napoleonic Wars, together with sea power, the American Revolution and warfare outside the West.

The Cambridge Illustrated History of Warfare

"This path-breaking study is about how ordinary people are gaining the means to be extraordinarily lethal. States are also concentrating their technological power, but their gains lag behind a shift in relative capacity that is already disrupting the role of conventional armed forces. The dispersal of emerging technologies such as robotics, cyber weapons, 3-D printing, autonomous systems, and various forms of artificial intelligence is widening popular access to unprecedented destructive power. Based on hard lessons from previous waves of lethal technology such as dynamite and the assault rifle, the book explains what the future may hold and how we should respond"--

The Culture of Military Innovation

In a study that extends well beyond military history, David B. Ralston documents the ways in which five different countries—Russia, the Ottoman Empire, Egypt, China, and Japan—refashioned their armed forces along European lines during the three centuries after 1600. The appropriation of Western military institutions in countries outside of Europe was, Ralston argues, the major force driving these countries to adopt European administrative, economic, and cultural modes. Following the same format in his discussion of each country, Ralston makes this central theme in world history

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easily accessible to students while offering scholars a sophisticated understanding of the exact nature of the changes brought about by Europeanizing military reforms. David B. Ralston, associate professor of history at the Massachusetts Institute of Technology, is the author of *The Army of the Republic*.

Winning the Next War

Philip II is not only the most famous king in Spanish history, but one of the most famous monarchs in English history: the man who married Mary Tudor and later launched the Spanish Armada against her sister Elizabeth I. This compelling biography of the most powerful European monarch of his day begins with his conception (1526) and ends with his ascent to Paradise (1603), two occurrences surprisingly well documented by contemporaries. Eminent historian Geoffrey Parker draws on four decades of research on Philip as well as a recent, extraordinary archival discovery—a trove of 3,000 documents in the vaults of the Hispanic Society of America in New York City, unread since crossing Philip's own desk more than four centuries ago. Many of them change significantly what we know about the king. The book examines Philip's long apprenticeship; his three principal interests (work, play, and religion); and the major political, military, and personal challenges he faced during his long reign. Parker offers fresh insights into the causes of Philip's leadership failures: was his empire simply too big to manage, or would a monarch with different talents and temperament have fared better?

Flora of the Otway Plain and Ranges 2

First published over thirty years ago, *War in European History*

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is a brilliantly written survey of the changing ways that war has been waged in Europe, from the Norse invasions to the present day. Far more than a simple military history, the book serves as a succinct and enlightening overview of the development of European society as a whole over the last millennium. From the Norsemen and the world of the medieval knights, through to the industrialized mass warfare of the twentieth century, Michael Howard illuminates the way in which warfare has shaped the history of the Continent, its effect on social and political institutions, and the ways in which technological and social change have in turn shaped the way in which wars are fought. This new edition includes a fully updated further reading and a new final chapter bringing the story into the twenty-first century, including the invasion of Iraq and the so-called 'War against Terror'.

Military Review

This is a new edition of Geoffrey Parker's much-admired illustrated account of how the West, so small and so deficient in natural resources in 1500, had by 1800 come to control over one-third of the world. Parker argues that the rapid development of military practice in the West constituted a 'military revolution' which gave Westerners an insurmountable advantage over the peoples of other continents. This edition incorporates new material, including a substantial 'Afterword' which summarises the debate which developed after the book's first publication.

Technological Change and the Future of Warfare

The debate about the "Military Revolution" has been one of the most controversial and exciting areas of discussion and

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research in the fields of early modern European history and military history. Scholars have long sought to explain the massive changes in European military techniques and technologies that took place between the end of the Middle A

Spain, Europe, and the Atlantic World

The author analyzes developments in the Army Tactical Command and Control System as a vehicle for assessing the U.S. Army's strategy for exploiting information age technologies and Force XXI. The author believes the Army has not altered its core tasks nor displaced any of its combat platforms. Changes largely have been marginal, revolving around the leveraging of technologies into existing systems. She points out that technological change, evolutionary and revolutionary, requires the vision of leadership, corporate acceptance, and managerial genius to guide it to effective implementation.

Introduction to Global Military History

The Military Revolution and the State, 1500-1800

To examine the long-run origins of democracy and dictatorship, Brian Downing focuses on the importance of medieval political configurations and of military modernization in the early modern period. He maintains that in late medieval times an array of constitutional arrangements distinguished Western Europe from other parts of the world and predisposed it toward liberal democracy. He then looks at how medieval constitutionalism was affected by the "military revolution" of the early modern era--the shift from small,

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decentralized feudal levies to large standing armies. Downing won the American Political Science Association's Gabriel Almond Award for the dissertation on which this book was based.

Finding the Target

Completely unique in its global scope, this major text does what no other book in the field does: provides students with an excellent account of modern military history with analysis of strategy, as well as tactical and operational developments in the field of war. Carefully written by a highly renowned author, this book has been widely praised by American and UK reviewers for its astonishing grasp of detail and its encyclopedic knowledge. Arranged chronologically, it spans the American War of Independence, through the French Revolution, right up to the latest conflicts in the 2000s. Specially designed to be user-friendly, Introduction to Global Military History offers: chapter introductions and conclusions to assist study and revision 'voices of war' – sourced extracts from the field of war case studies in each chapter to support the narrative and provoke discussion vivid engravings, plans, paintings, and photos to bring the conflicts alive a twelve page colour map section plus twenty-one other integrated maps annotated references from the latest publications in the field. Jeremy Black covers all aspects of military conflict, masterfully combining the study of tactics and war strategy with the social, cultural and political consequences of war.

Beyond the Military Revolution

War and Society in Early Modern Europe takes a fresh approach to military history. Rather than looking at tactics and

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strategy, it aims to set warfare in social and institutional contexts. Focusing on the early-modern period in western Europe, Frank Tallett gives an insight into the armies and shows how warfare had an impact on different social groups, as well as on the economy and on patterns of settlement.

The Iraq Wars and America's Military Revolution

The Business of War

This ground-breaking study represents a new twist in the already complicated debate on military change in the early modern period. Previous writers have for the most part defined a 'military revolution' focused on the seventeenth or even early eighteenth centuries. Eltis suggests that key developments in training, organization, tactics and siege warfare occurred in the sixteenth century and, taken together, these innovations constitute a military revolution, changing the face of war. In England, these changes came later than in the rest of Europe, and in Ireland later still. English writers, in their anxiety to spur their countrymen to adopt the new methods, produced some of the most useful manuals of sixteenth-century Europe. These, together with Italian, Spanish, French and German texts, form the main basis of David Eltis's study, allowing the ideas of contemporaries to be set alongside accounts of actual military conditions in explaining one of the turning points of world military development.

Learning to Fight

This visually superb and informative field guide is the second

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volume of Flora of the Otway Plain and Ranges, and covers more than 480 species of Daisies, Heaths, Peas, Saltbushes, Sundews, Wattles and other shrubby and herbaceous Dicotyledons. The illustrated family key is unique and covers 75 families and over 200 genera. Each species is illustrated and labels provide a clear key to identification for botanists and amateurs alike. The Otway region of Victoria, with its temperate rainforests, mountain ash forests, heathlands, plains and coastal dunes, has an extraordinarily rich and diverse flora.

Military Innovation in the Interwar Period

This book studies the impact of cultural factors on the course of military innovations. One would expect that countries accustomed to similar technologies would undergo analogous changes in their perception of and approach to warfare. However, the intellectual history of the Revolution in Military Affairs (RMA) in Russia, the US, and Israel indicates the opposite. The US developed technology and weaponry for about a decade without reconceptualizing the existing paradigm about the nature of warfare. Soviet 'new theory of victory' represented a conceptualization which chronologically preceded technological procurement. Israel was the first to utilize the weaponry on the battlefield, but was the last to develop a conceptual framework that acknowledged its revolutionary implications. Utilizing primary sources that had previously been completely inaccessible, and borrowing methods of analysis from political science, history, anthropology, and cognitive psychology, this book suggests a cultural explanation for this puzzling transformation in warfare. The Culture of Military Innovation offers a systematic, thorough, and unique analytical approach that

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may well be applicable in other perplexing strategic situations. Though framed in the context of specific historical experience, the insights of this book reveal important implications related to conventional, subconventional, and nonconventional security issues. It is therefore an ideal reference work for practitioners, scholars, teachers, and students of security studies.

Early Modern Military History, 1450-1815

Now available in a revised and updated version, this book examines Western warfare from antiquity to the present day.

Power to the People

The seventeenth century has long been seen as a period of 'crisis' or transition from the pre-modern to the modern world. This book offers a chance to explore this crisis from the perspective of war and military institutions in a way that should appeal to those doing global history. By placing 17th century warfare in a global context, Black challenges conventional chronologies and permits a reappraisal of the debate over what has been seen as the Military Revolution of the early-modern period. The book discusses war with regard to strategic cultures, assesses military capability in terms of tasks and challenges faced and attaches styles of warfare to their social and political contexts. Genuinely global in range, this up-to-date and wide-ranging account provides fresh historiographical insights into this crucial period in world history.

War Made New

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The Rise of the West, winner of the National Book Award for history in 1964, is famous for its ambitious scope and intellectual rigor. In it, McNeill challenges the Spengler-Toynbee view that a number of separate civilizations pursued essentially independent careers, and argues instead that human cultures interacted at every stage of their history. The author suggests that from the Neolithic beginnings of grain agriculture to the present major social changes in all parts of the world were triggered by new or newly important foreign stimuli, and he presents a persuasive narrative of world history to support this claim. In a retrospective essay titled "The Rise of the West after Twenty-five Years," McNeill shows how his book was shaped by the time and place in which it was written (1954-63). He discusses how historiography subsequently developed and suggests how his portrait of the world's past in The Rise of the West should be revised to reflect these changes. "This is not only the most learned and the most intelligent, it is also the most stimulating and fascinating book that has ever set out to recount and explain the whole history of mankind. . . . To read it is a great experience. It leaves echoes to reverberate, and seeds to germinate in the mind."—H. R. Trevor-Roper, New York Times Book Review

The Military Revolution and Political Change

It is commonplace that warfare was integral to the European expansion, pitting the superiorities of the European against the inferiorities of the 'native'. The aim of this book is to look deeper, and to examine the technological, political and economic structures and capacities of the competing forces that shaped their ability to wage war, and the impact that colonial wars had on European and non-European states and

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societies alike. Questions of the extent to which one side could adapt its military institutions, tactics and technology to those of its opponents figure prominently. This was far from an inevitable one-way process, and environment and disease remained vital factors. The studies also situate these conflicts within the broader debate concerning the so-called military revolution, and show that our ideas of this need to be reconsidered in the light of what was happening outside Europe.

The Asian Military Revolution

The first major study of the Dromornithids, the extinct gigantic "geese" of Australia

Recognizing and Understanding Revolutionary Change in Warfare: The Sovereignty of Context

This book is a comprehensive study of the Iraq Wars in the context of the revolution in military affairs debate.

Global Crisis

From Peter the Great to Nicholas II, Russian rulers always understood the need to maintain an army and navy capable of preserving the empire's great power status. This volume examines how Imperial Russia's armed forces sought to adapt to the challenges of modern warfare. The tsars inevitably faced the dilemma of importing European military and technological innovations while censoring political beliefs that could challenge the autocracy's monopoly on power. Within the context of a constant race to avoid oblivion, the impulse for military renewal emerges from this volume as a

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fundamental and recurring theme in modern Russian history.

Evolutionary Technology in the Current Revolution in Military Affairs

The Crisis of the Aristocracy -- Education and Revolution --
The Contentious Clergy -- 'Dirty People of No Name' --
Justifying Disobedience -- chapter nineteen 'People of
Heterodox Beliefs . . . Who Will Join Up with Anyone Who
Calls Them': Disseminating Revolution¹ -- 'Contagious
Diseases' and Composite States -- The Connectors --
Exporting Revolution -- A Public Sphere in the West? -- A
Public Sphere in China? -- A Public Sphere Elsewhere? --
The Rule of the Few -- PART V BEYOND THE CRISIS¹ --
chapter twenty Escaping the Crisis -- Getting Away From It All
-- Keeping Score -- The Psychoactive Revolution -- Peace
Breaks Out -- No More Wars -- chapter twenty-one Warfare
State or Welfare State? -- The Phoenix Effect -- Be Fruitful
and Multiply -- A Second Agricultural Revolution -- The
Consumer Revolution -- 'Seeing Like a State' -- The
Containment of Disease -- Nourishing the People -- Creative
Destruction -- Non-Creative Destruction -- chapter twenty-two
The Great Divergence -- Educate and Punish -- The Crisis of
the Universities -- The New Learning -- The Thought Police --
Singletons and Multiples -- The Limits of the Scientific
Revolution -- Conclusion: The Crisis Anatomized -- Winners
and Losers -- In Search of Common Denominators -- If -- The
Two Worlds of Robinson Crusoe -- Epilogue: 'It's the Climate,
Stupid'¹ -- 'Darkness' by Lord Byron³⁶ -- Chronology --
Acknowledgements -- Conventions -- Note on Sources --
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Reforming the Tsar's Army

This book offers a substantial reconsideration of early modern warfare and its relationship to the power of the state.

The Military Revolution

A military historian describes three basic transformations that have taken place within the U.S. military since the Vietnam War, including a move to an all-volunteer force, the emergence of stealth technology, and the application of information technology after the fall of the Soviet Union.

The Dynamics of Military Revolution, 1300-2050

Essays on early modern Europe and America published as a tribute to Professor Sir John Elliott.

A Military Revolution?

Studies the changes that have marked war in the Western World since the thirteenth century.

The Military Revolution in Sixteenth-century Europe

A study of major military innovations in the 1920s and 1930s.

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