

Pulp Fiction

Nonfiction Catalogue June 2023

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Osprey military history

F-4 Phantom II Wild Weasel Units in Combat

Combat Aircraft 147

Davies, Peter E & Laurier, Jim; Hector, Gareth (illustrators)

With first-hand insight into the key role of the US Air Force's fighter-bomber from the Vietnam War through to Operation *Desert Storm* during the First Gulf War, this book is an unmissable account of some of the most dangerous and demanding missions in the two wars. The advent of the surface-to-air missile (SAM) in the early 1950s threatened the whole concept of aerial bombing from medium and high altitude. Countermeasures were developed during the Korean War, but with little initial success. It was only in the closing stages of the Vietnam War, with the F-4Cww Phantom II (*Wild Weasel 4*), that this equipment started to become successful enough to allow a substantial investment in converting 116 F-4E Phantom IIs into dedicated SEAD aircraft. This move introduced a new generation of anti-radar missiles which became invaluable in later operations including operations *Desert Shield*, *Desert Storm*, and *Northern Watch* over Iraq. This volume features dynamic archival photography from crews who flew the jet, alongside mission accounts and technical details of the development and fielding of the F-4 *Wild Weasel* in its various iterations. Including specially commissioned artwork of 'shark-mouthed' Phantom IIs in Vietnam jungle camouflage and more modern USAF 'Ghost Gray', this book is the ultimate visual and technical guide to the F-4 Phantom II *Wild Weasel* Units in combat.

Aviation history PBK \$32.99

Me 262: Northwest Europe 1944-45

Dogfight 6

Forsyth, Robert & Laurier, Jim; Hector, Gareth (illustrators)

Using rare first-hand accounts from Me 262 pilots, Robert Forsyth examines what it was like to fly the world's most advanced interceptor in the deadly skies over Germany in 1944-45. Right from its operational debut in the summer of 1944, the Me 262 outclassed anything the Allies had in terms of speed and firepower ratio, offering a formidable punch with four 30 mm Mk 108 nose-mounted cannons, and a Jumo 004 jet engine. The problem the Luftwaffe faced, however, was one of numbers. Towards the end of the war, availability of machines and trained pilots was scarce, and it is only thanks to the exploits of a handful of veteran Jagdwaffe aces such as Adolf Galland, Walter Krupinski and Johannes Steinhoff, that the aircraft made a significant impact on the air war and was the source of considerable concern to the Allies. Filled with specially commissioned artwork including action-packed ribbon diagrams, battle scenes, armament views and maps, Robert Forsyth offers the definitive technical and historical guide to the state-of-the-art

Me 262, using rare photographs and pilots' first-hand accounts.

Aviation history PBK \$32.99

Afghanistan 1979-88

Soviet air power against the mujahedeen Air Campaign 35

Galeotti, Mark & Groult, Edouard A (illustrator)

The first English-language book to examine the crucial part air power played in the Soviet-Afghan War. The Soviet Union's invasion of Afghanistan was fought as much in the air as on the ground. From the high-level bombing raids that blasted rebel-held mountain valleys, to the Mi-24 helicopter gunships and Su-25 jets that accompanied every substantial army operation, Soviet control of the air was a crucial battlefield asset. Vital to every aspect of its operations, Mi-8 helicopters ferried supplies to remote mountaintop observation points and took the bodies of fallen soldiers on their last journey home in An12 'Black Tulips'.

But this was not a wholly one-sided conflict. Even before the Afghan rebels began to acquire man-portable surface-to-air missiles such as the controversial US 'Stinger', they aggressively and imaginatively adapted. They learnt new techniques of camouflage and deception, set up ambushes against low-level attacks, and even launched daring raids on airbases to destroy aircraft on the ground. Featuring information previously unknown in the West, such as the Soviets' combat testing of Yak-38 'Forger' naval jump jets, Soviet-expert Mark Galeotti examines the rebel, Kabul government and the Soviet operation in Afghanistan, drawing deeply on Western and Russian sources, and including after-action analyses from the Soviet military. Using maps, battle scenes and detailed 'Bird's Eye Views', he paints a comprehensive picture of the air war and describes how, arguably, it was Soviet air power that made the difference between defeat for Moscow and the subsequent stalemate that they decided to disengage from.

Aviation history PBK \$32.99

H6K 'Mavis'/H8K 'Emily' vs PB4Y-1/2 Liberator/Privateer Pacific Theatre 1943-45

Young, Edward M & Laurier, Jim; Hector, Gareth (illustrators)

An illustrated exploration of the dramatic aerial combats between the US Navy's long-range bomber and Japanese flying boats in the Pacific War. Edward Young explores these rarely written about combats, examining the aggressive and strategic tactics deployed by both US Navy and Imperial Japanese Navy Air Force and analysing the technical improvements installed throughout the war. The PB4Y-1/2 Liberator/Privateer was the US Navy's first four-engined, land-based bomber, adapted, and allocated to fight the U-boat menace in the Atlantic and protect the vast reaches of the Pacific Ocean.

The long range, speed, armament and bomb load of the PB4Y-1 enabled the US Navy's Pacific squadrons to adopt more aggressive tactics. The PB4Y-1 – and its follow-on, PB4Y-2 – engaged in dangerous bombing missions against Japanese installations, shipping strikes, and air combat. On the other side, with its doctrine of making the first strike against an enemy fleet, the Imperial Japanese Navy recognised the vital importance of maritime reconnaissance, relying on carrier-based reconnaissance aircraft, shipborne floatplanes and, for long-range maritime patrol, flying boats. The Japanese would continue to develop their aircraft throughout the war, resulting, among others, in the H6K 'Mavis' and the H8K2 'Emily', which despite never achieving a victory, was regarded by the Allied pilots as the most difficult Japanese aircraft to destroy. Enriched with specially commissioned artwork, including armament and cockpit views, battle scenes and technical diagrams, this title analyses technical specifications in detail. By including first-hand accounts, aviation expert Edward Young provides a detailed account of these one-sided, yet dramatic and aggressive combats.

Aviation history PBK \$29.99

Infantry Antiaircraft Missiles

Man-Portable Air Defence Systems Weapon 85

Zaloga, Steven J & Gilliland, Alan;

Shumate, Johnny (illustrators)

Noted authority Steven J Zaloga charts the development, combat use, and influence of man-portable air defence systems, from the late 1960s to the present day. The first attempts at developing a man-portable air defence system (MANPADS) based around a guided missile began in the mid-1950s, as a response to the increased speed and manoeuvrability of jet aircraft. This book charts the technological evolution of the MANPADS and explores their combat usage and the lessons from these encounters. Besides detailing the missiles, it also surveys the various methods developed as countermeasures to the MANPADS threat. The first generation of MANPADS, such as the US Army's Redeye and the Soviet Strela-2 (SA-7 Grail), saw combat use in the Vietnam War in 1972 and the Yom Kippur War of 1973. The next generation of infrared-guided MANPADS, such as the US Stinger and Soviet Iгла, came to prominence following the Soviet invasion of Afghanistan in 1979. Since the 1970s, MANPADS have been used in innumerable wars, border conflicts, civil wars and insurrections. Featuring specially-commissioned artwork and carefully-chosen photographs, this study tells the story of these lethally-effective weapons, from their origins to their use today.

Military history PBK \$32.99

All the books in this catalogue are new books due for release in **June 2023**.

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Until next time, good reading!
Ron and Leanne

Abbreviations used in this catalogue:

PBK = 'A' & 'B' format (standard size) paperback
TP = 'B+' & 'C' format (oversize) paperback
HC = Hardcover or cloth binding

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Nonfiction June 2023 (continued)

General nonfiction

Ice

From Mixed Drinks to Skating Rinks – A Cool History of a Hot Commodity
Brady, Amy
The unexpected and unexplored ways that ice has transformed a nation – from the foods Americans eat, to the sports they play, to the way they live today – and what its future might look like on a swiftly warming planet. Ice is everywhere: in gas stations, in restaurants, in hospitals, in our homes. Americans think nothing of dropping a few ice cubes into tall glasses of tea to ward off the heat of a hot summer day. Most refrigerators owned by Americans feature automatic ice machines. Ice on demand has so revolutionised modern life that it's easy to forget that it wasn't always this way – and to overlook what aspects of society might just melt away as the planet warms. In *Ice*, journalist and historian Amy Brady shares the strange and storied 200-year-old history of ice in America: from the introduction of mixed drinks 'on the rocks', to the nation's first-ever indoor ice rink, to how delicacies like ice creams and iced tea revolutionised our palates, to the ubiquitous ice machine in every motel across the US. But *Ice* doesn't end in the past. Brady also explores the surprising present-day uses of ice in sports, medicine, and sustainable energy – including cutting-edge cryotherapy breast-cancer treatments and new refrigerator technologies that may prove to be more energy efficient – underscoring how precious this commodity is, especially in an age of climate change.

History/Science HC \$62.95

Woman's Lore

4,000 Years of Sirens, Serpents and Succubi
Glegg, Sarah
The history of a demonic tradition that was stolen from women and then won back again. Demonic temptresses from siren-mermaids to Lilith are well known today, and their mythology focuses around the seductive danger they pose to men. But the root of these figures can be traced back 4,000 years and in their earliest incarnations they were in fact demons worshipped and feared by women – like Lamashtu, the horrific talon-footed, serpentine monster, who strangled infants and murdered pregnant women, or the Gello, the ghost of a girl who had died a virgin and so killed expectant mothers and their babies out of jealousy. This history of a demonic tradition from ancient Mesopotamia to the present day from Lamashtu and Gello, to Lamia and Lilith, and mermaids and vampires shows how these demons were co-opted by a male-centred society, before being recast as symbols of women's liberation. We also learn what this evolution can tell us about the experience of women and womanhood – the danger of childbirth, changing attitudes towards sexuality and the movement for women's rights.

Folklore TP \$34.99

Being Human

How our biology shaped world history
Dartnell, Lewis
Being Human is history made flesh. It will change the way you see the world. We are a wonder of evolution. Powerful

yet dextrous, instinctive yet thoughtful, our exceptional abilities have created life as we know it. But we're also deeply flawed. Our bodies break and fail, diseases thwart our boldest plans, and our psychological biases have triggered terrible decisions. This extraordinary contradiction between our faculties and frailties is the essence of what it means to be human. And history has played out in the balance between them. Lewis Dartnell tells our story through the lens of this uniquely fragile nature for the first time. He explores how our biology has shaped our relationships, societies, economies, and wars, and how it continues to challenge and define our progress.

Science TP \$35.00

Powering Up

Unleashing the Clean Energy Supply Chain
Finkel, Alan
Former chief scientist Alan Finkel shares his compelling insights and expertise and makes the case for Australia leading the way in the global transition to clean energy. The clean energy transition is humanity's biggest ever economic challenge. In *Powering Up*, former Australian chief scientist Alan Finkel shows how to remove the barriers that prevent nations transforming from petrostate to electrostate. Finkel considers the entire supply chain, from raw materials through power infrastructure, the workforce, transportation, and household customers. He reveals the outlines of a new geo-economic order and explains in persuasive, practical terms how we can get there. If governments, investors, industry, and consumers get this right over the next three decades, history will judge us as the generation who ushered in the Electric Age and helped to save the planet. The world will be transformed – with Australia, if we seize the opportunity, as a global leader.

Science/Economics TP \$34.99

Eight Improbable Possibilities

The Mystery of the Moon, and Other Implausible Scientific Truths
Gribbin, John
Echoing Sherlock Holmes' famous dictum, John Gribbin tells us: 'Once you have eliminated the impossible, whatever is left, however improbable, is certainly possible, in the light of present scientific knowledge.' With that in mind, in his sequel to the hugely-popular *Six Impossible Things and Seven Pillars of Science*, Gribbin turns his attention to some of the mind-bendingly improbable truths of science. For example: We know that the Universe had a beginning, and when it was – and also that the expansion of the Universe is speeding up. We can detect ripples in space that are one ten-thousandth the width of a proton, made by colliding black holes billions of light-years from Earth. And, most importantly from our perspective, all complex life on Earth today is descended from a single cell – but without the stabilising influence of the Moon, life forms like us could never have evolved.

Science PBK \$22.99

Hurricane Lizards and Plastic Squid

How the Natural World is Adapting to Climate Change
Hanson, Thor
A fascinating insight into climate change biology around the globe, as well as in our own backyards. *Hurricane Lizards and Plastic Squid* is the first major book by a biologist to focus on the fascinating story of how the natural world is adjusting, adapting, and sometimes measurably evolving in response to climate change. Lyrical and thought provoking, this book broadens the climate focus from humans to the wider lattice of life. Bestselling nature writer Thor Hanson – author of *Buzz* (a Radio4 'Book of the Week') – shows us how Caribbean lizards have grown larger toe pads to grip trees more tightly during frequent hurricanes; and how the 'plasticity' of squid has allowed them to change their body size and breeding habits to cope with altered sea temperatures. Plants and animals have a great deal to teach us about the nature of what comes next, because for many of them, and also for many of us, that world is already here.

Science PBK \$22.99

Semut

The Untold Story of a Secret Australian Operation in WWII Borneo
Helliwell, Christine
March 1945. A handful of young Allied operatives are parachuted into the remote jungled heart of the Japanese-occupied island of Borneo, east of Singapore, there to recruit the island's indigenous Dayak peoples to fight the Japanese. Yet, most have barely encountered Asian or indigenous people before, speak next to no Borneo languages, and know little about Dayaks, other than that they have been – and may still be – head-hunters. They fear that on arrival the Dayaks will kill them or hand them over to the Japanese. For their part, some Dayaks have never before seen a white face. So begins, the story of Operation Semut, an Australian secret operation launched by the organisation codenamed Services Reconnaissance Department – popularly known as Z Special Unit – in the final months of WWII. Anthropologist Christine Helliwell has called on her years of first-hand knowledge of Borneo, interviewed more than one hundred Dayak people and all the remaining Semut operatives, and consulted thousands of military and other documents to piece together this astonishing story. Focusing on the operation's activities along two of Borneo's great rivers – the Baram and Rejang – the book provides a detailed military history of Semut II's and Semut III's brutal guerrilla campaign against the Japanese, and reveals the decisive but long-overlooked Dayak role in the operation. But this is no ordinary history. Helliwell captures vividly the sounds, smells and tastes of the jungles into which the operatives are plunged, an environment so terrifying that many are unsure whether jungle or Japanese is the greater enemy. And she takes us into the lives and cavernous longhouses of the Dayaks on whom their survival depends. The result is a truly unique account of the encounter between two very different cultures amidst the savagery of the Pacific War.

Military history PBK \$24.99

Wise Gals

The Spies Who Built the CIA and Changed the Future of Espionage
Holt, Nathalia
In the wake of World War II, four agents were critical in helping build a new organisation now known as the CIA. Adelaide Hawkins, Mary Hutchison, Eloise Page, and Elizabeth Sudmeier, called the 'wise gals' by their male colleagues because of their sharp sense of humour and even quicker intelligence, were not the stereotypical femme fatale of spy novels. They were smart, courageous, and ground-breaking agents at the top of their class, instrumental in both developing innovative tools for intelligence gathering – and insisting (in their own unique ways) that they receive the credit and pay their expertise deserved. Adelaide rose through the ranks, developing new cryptosystems that advanced how spies communicate with each other. Mary worked overseas in Europe and Asia, building partnerships and allegiances that would last decades. Elizabeth would risk her life in the Middle East in order to gain intelligence on deadly Soviet weaponry. Eloise would wield influence on scientific and technical operations worldwide, ultimately exposing global terrorism threats. Meticulously researched and beautifully told, Holt uses firsthand interviews with past and present officials and declassified government documents to uncover the stories of these four inspirational women. *Wise Gals* sheds a light on the untold history of the women whose daring foreign intrigues, domestic persistence, and fighting spirit have been and continue to be instrumental to the world's security.

Intelligence HC \$49.99

Numbercrunch

A Mathematician's Toolkit for Making Sense of Your World
Johnson, Oliver
In our hyper-modern world we are bombarded with more facts, stats and information than ever before. Often these statistics can seem contradictory and say wildly different things depending on who is sharing them. So, in a world where information is so slippery, what can we grasp hold of to make sense of it all? Professor of Information Theory, Oliver Johnsons reveals how mathematical thinking can help us understand the myriad data all around us – from the exponential growth of Coronavirus to the rise of social media filter bubbles, from share price fluctuations to the way that rumour spreads, from the datafication of our sports pages to the environmental concerns affecting our planet. Journeying through three sections – Randomness, Statistics, and Information – we meet a host of brilliant minds, including Alan Turing and Claude Shannon, who have shaped the theories underpinning our understanding, and we are equipped with handy tools including the law of large numbers, the critical limit theorem and entropy. Lucid, surprising, and entertaining, *Numbercrunch* supplies the reader with a definitive mathematician's toolkit to make sense of our surroundings, cut through disinformation, and truly understand how our world is changing.

Mathematics TP \$32.99

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Resistance

The Underground War
Against Hitler, 1939–1945

Kochanski, Halik

Resistance is the first book of its kind: a monumental history that finally integrates the many resistance movements against Nazi hegemony in Europe into a single, sweeping narrative of defiance. 'To resist, therefore. But how, when and where? There were no laws, no guidelines, no precedents to show the way...' – Dutch resister *Herman Friedhoff*. In every country that fell to the Third Reich during the Second World War, from France in the west to parts of the Soviet Union in the east, a resistance movement against Nazi domination emerged. And every country that endured occupation created its own fiercely nationalist account of the role of homegrown resistance in its eventual liberation. Halik Kochanski's panoramic, prodigiously researched work is a monumental achievement: the first book to strip these disparate national histories of myth and nostalgia and to integrate them into a definitive chronicle of the underground war against the Nazis. Bringing to light many powerful and often little-known stories, *Resistance* shows how small bands of individuals took actions that could lead not merely to their own deaths, but to the liquidation of their families and their entire communities. As Kochanski demonstrates, most who joined up were not supermen and superwomen, but ordinary people drawn from all walks of life who would not have been expected – least of all by themselves – to become heroes of any kind. Kochanski also covers the sheer variety of resistance activities, from the clandestine press, assistance to Allied servicemen evading capture, and the provision of intelligence to the Allies to the more violent manifestations of resistance through sabotage and armed insurrection. For many people, resistance was not an occupation or an identity, but an activity: a person would deliver a cache of stolen documents to armed partisans and then seamlessly return to their normal life. For Jews under Nazi rule, meanwhile, the stakes at every point were life and death; resistance was less about national restoration than about mere survival. Why resist at all? Who is the real enemy? What kind of future are we risking our lives for? These and other questions animated those who resisted. With penetrating insight, Kochanski reveals that the single quality that defined resistance across borders was resilience: despite the constant arrests and executions, resistance movements rebuilt themselves, time and time again. A landmark history that will endure for decades to come, *Resistance* forces every reader to ask themselves yet another question, this distinct to our own times: 'What would I have done?'

History TP \$39.99

The Palestine Laboratory

how Israel exports the technology
of occupation around the world

Loewenstein, Antony

Bestselling journalist Antony Loewenstein uncovers the widespread commercialisation and brutal deployment globally of Israel's occupation-enforcing technologies. For more than 50 years, the occupation of the West Bank and Gaza has given the Israeli state invaluable experience in controlling an 'enemy' population, the Palestinians. It's here

that they have perfected the architecture of control, using the occupied Palestinian territories as a testing ground for weaponry and surveillance technology that they then export around the world. *The Palestine Laboratory* shows in depth and for the first time how Israel has become a leader in developing spying technology and defence hardware that fuels some of the globe's most brutal conflicts – from the Pegasus software that hacked Jeff Bezos' and Jamal Khashoggi's phones, and the weapons sold to the Myanmar army that has murdered thousands of Rohingyas, to the drones being used by the European Union to monitor refugees in the Mediterranean who are left to drown. In a global investigation that uncovers secret documents, based on revealing interviews and on-the-ground reporting, Antony Loewenstein shows how, as ethno-nationalism grows in the 21st century, Israel has built the ultimate tools for despots and democracies.

Politics/Science TP \$35.00

Uproar!

Satire, Scandal and Printmakers
in Georgian London

Loxton, Alice

London, 1772: a young artist called Thomas Rowlandson is making his way through the grimy backstreets of the capital, on his way to begin his studies at the Royal Academy Schools. Within a few years, James Gillray and Isaac Cruikshank would join him in Piccadilly, turning satire into an art form, taking on the British establishment, and forever changing the way we view power. Set against a backdrop of royal madness, political intrigue, the birth of modern celebrity, French revolution, American independence and the Napoleonic Wars, *Uproar!* follows the satirists as they lampoon those in power, from the Prince Regent to Georgiana, Duchess of Devonshire. Their prints and illustrations deconstruct the political and social landscape with surreal and razor-sharp wit, as the three men vie with each other to create the most iconic images of the day. Alice Loxton's writing fizzles with energy on every page, and never fails to convince us that Gillray and his gang profoundly altered British humour, setting the stage for everything from Gilbert and Sullivan to *Private Eye* and *Spitting Image* today. This is a book that will cause readers to reappraise everything they think they know about genteel Georgian London, and see it for what it was – a time of *Uproar!*

History HC \$49.99

Snow Widows

Scott's Fatal Antarctic Expedition Through
the Eyes of the Women They Left Behind

MacInnes, Katherine

The men of Captain Scott's Polar Party were heroes of their age, enduring tremendous hardships to further the reputation of the Empire they served by reaching the South Pole. But they were also husbands, fathers, sons, and brothers. For the first time, the story of the race for the South Pole is told from the perspective of the women whose lives would be forever changed by it, five women who offer a window into a lost age and a revealing insight into the thoughts and feelings of the five heroes. Kathleen Scott, the fierce young wife of the expedition leader, campaigned relentlessly for Scott's reputation, but did her ambition for glory drive her husband to take

unnecessary risks? Oriana Wilson, a true help-mate and partner to the expedition's doctor, was a scientific mind in her own right and understood more than most what the men faced in Antarctica. Emily Bowers was a fervent proponent of Empire, having spent much of her life as a missionary teacher in the colonies. The indomitable Caroline Oates was the very picture of decorum and everything an Edwardian woman aspired to be, but she refused all invitations to celebrate her son Laurie's noble sacrifice. Lois Evans led a harder life than the other women, constantly on the edge of poverty and forced to endure the media's classist assertions that her husband Taff, the sole 'Jack Tar' in a band of officers, must have been responsible for the party's downfall. Her story, brought to light through new archival research, is shared here for the first time. In a gripping and remarkable feat of historical reconstruction, Katherine MacInnes vividly depicts the lives, loves and losses of five women shaped by the unrelenting culture of Empire and forced into the public eye by tragedy. It also reveals the five heroes, not as the caricatures of legend, but as the real people they were.

History PBK \$22.99

Colditz:

Prisoners of the Castle

MacIntyre, Ben

Colditz Castle: a forbidding Gothic tower on a hill in Nazi Germany. You may have heard about the prisoners and their daring and desperate attempts to escape, but that's only part of the real story. In *Colditz: Prisoners of the Castle*, bestselling historian Ben MacIntyre takes us inside the walls of the most infamous prison in history to meet the real men behind the legends. Heroes and bullies, lovers and spies, captors and prisoners living cheek by jowl, for years, in a thrilling game of cat and mouse – and all determined to escape, by any means necessary. Deeply researched and full of incredible stories, this is a tale of ordinary people facing extraordinary circumstances – and will change how you think about Colditz forever.

History PBK \$24.99

The Science of Music

How Technology has Shaped
the Evolution of an Artform

May, Andrew

Music is shaped by the science of sound. How can music – an art form – have anything to do with science? Yet, there are myriad ways in which the two are intertwined, from the basics of music theory and the design of instruments to hi-fi systems and how the brain processes music. Science writer Andrew May traces the surprising connections between science and music, from the theory of sound waves to the way musicians use mathematical algorithms to create music. The most obvious impact of science on music can be seen in the way electronic technology has revolutionised how we create, record and listen to music. Technology has also provided new insights into the effects that different music has on the brain, to the extent that some algorithms can now predict our reactions with uncanny accuracy, which raises a worrying question: how long will it be before AI can create music on a par with humans?

Science/Music PBK \$22.99

How to Talk to a Science Denier

Conversations with Flat Earthers, Climate
Deniers, and Others Who Defy Reason

McIntyre, Lee

Can we change the minds of science deniers? Encounters with flat earthers, antivaxxers, coronavirus truthers, and others. '*Climate change is a hoax – and so is coronavirus.*'

'*Vaccines are bad for you.*'

These days, many of our fellow citizens reject scientific expertise and prefer ideology to facts. They are not merely uninformed – they are misinformed. They cite cherry-picked evidence, rely on fake experts, and believe conspiracy theories. How can we convince such people otherwise? How can we get them to change their minds and accept the facts when they don't believe in facts? In this book, Lee McIntyre shows that anyone can fight back against science deniers; and argues that it's important to do so. Science denial can kill. Drawing on his own experience – including a visit to a Flat Earth convention – as well as academic research, McIntyre outlines the common themes of science denialism, present in misinformation campaigns ranging from tobacco companies' denial in the 1950s that smoking causes lung cancer to today's antivaxxers. He describes attempts to use his persuasive powers as a philosopher to convert Flat Earthers; surprising discussions with coal miners; and conversations with a scientist friend about genetically modified organisms in food. McIntyre offers tools and techniques for communicating the truth and values of science, emphasising that the most important way to reach science deniers is to talk to them, calmly and respectfully – to put ourselves out there, and meet them face to face.

Science TP \$32.99

The Insect Crisis

The Fall of the Tiny Empires
that Run the World

Milman, Oliver

When is the last time you were stung by a wasp? Or were followed by a cloud of midges? Or saw a butterfly? All these normal occurrences are becoming much rarer. A groundswell of research suggests insect numbers are in serious decline, all over the world – in some places, by over 90%. *The Insect Crisis* explores this hidden emergency, arguing that its consequences could even rival climate change. We rely on insect pollination for the bulk of our agriculture, they are a prime food source for birds and fish, and they are a key strut holding up life on Earth, especially our own. In a compelling and entertaining investigation spanning the globe, Milman speaks to the scientists and entomologists studying this catastrophe and asks why these extraordinary creatures are disappearing. Part warning, part celebration of the incredible variety of insects, this book highlights why we need to wake up to this impending environmental disaster.

Science PBK \$24.99

Mother Tongue

The surprising history of women's words

Nuttall, Jenni

A rich, provocative and entertaining history of women's words – of the language we have, and haven't, had to share our lives. So many of the words we use to articulate the experiences

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women share feel awkward or alien. Medical terms are accurate but antiseptic. Slang often perpetuates stereotypes. Where are the plain, honest words for women's daily lives? From the dawn of Old English to the present day, Dr Jenni Nuttall guides readers through the evolution of the words we have used to describe bodies, menstruation, sexuality, the consequences of male violence, childbirth, paid and unpaid work, and gender. Along the way, she argues that, paradoxically, as women have made slow progress towards equality, we've lost some of the most expressive and eloquent bits of our vocabulary. Inspired by Nuttall's deep knowledge of the English language, as well as conversations with her teenage daughter, this is a book for anyone who loves language – and for feminists who want to look to the past in order to move forward.

History/Feminism TP \$34.99

The Dark Cloud

how the digital world is costing the earth

Pitron, Guillaume

A gripping new investigation into the underbelly of digital technology, which addresses the pressing question of the carbon footprint it leaves behind. In a sort of news thriller, the author reveals not only how costly the virtual world is, but how damaging it is to the environment. A simple 'like' sent from our smartphones mobilises what will soon constitute the largest infrastructure built by man. This small notification, crossing the seven operating layers of the Internet, travels around the world, using submarine cables, telephone antennas, and data centres, going as far as the Arctic Circle. It turns out that the 'dematerialised' digital world, essential for communicating, working, and consuming, is much more tangible than we would like to believe. Today, it absorbs 10% of the world's electricity and represents nearly four per cent of the planet's carbon dioxide emissions.

We are struggling to understand these impacts, as they are obscured to us in the mirage of 'the cloud'. Some telling numbers: If digital technology were a country, it would be the third-highest consumer of electricity behind China and the United States. An email with a large attachment consumes as much energy as a lightbulb left on for one hour. Every year, streaming technology generates as much greenhouse gas as Spain – close to one per cent of global emissions. The video of 'Gangnam Style' was viewed around 1.7 billion times, using about 297 gigawatt hours, equivalent to that of a city with a population of 100,000. One Google search uses as much electricity as a lightbulb left on for 35 minutes. An old broadband box can use as much power as a refrigerator. All of humanity produces five exabytes of data per day, equivalent to what we consumed from the very beginnings of the internet to 2003 – an amount that would fill 10 million Blu-ray discs which, piled up, would be as high as the Eiffel Tower. At a time of the deployment of 5G, connected cars, and artificial intelligence, *The Dark Cloud* – the result of an investigation carried out over two years, on four continents – reveals the anatomy of a technology that is virtual only in name. Under the guise of limiting the impact of humans on the planet, it is already asserting itself as one of the major environmental challenges of the 21st century.

Impact of technology TP \$35.00

Horizons

A Global History of Science

Poskett, James

A radical retelling of the history of science that foregrounds the scientists erased from history. In this major retelling of the history of science from 1450 to the present day, James Poskett explodes the myth that science began in Europe. The blinkered Western gaze focusing on individual 'genius' – Copernicus, Newton, Darwin, Einstein – was only one part of the story. The reality was an utterly global, non-linear pattern of cross-fertilisation, competition, cooperation, and outright conflict. Each rupture in history carved fresh channels for global exchange. Here, for the first time, Poskett celebrates how scientists from Africa, America, Asia, and the Pacific were integral to this very human story. We meet Graman Kwasi, the African botanist who discovered a new cure for malaria; Hantaro Nagaoka, the Japanese scientist who first described the structure of the atom; and Zhao Zhongyao, the Chinese physicist who discovered antimatter. 'Hugely important' – *Jim Al-Khalili*.

History/Science PBK \$26.99

Foreign Bodies

Pandemics, Vaccines and the Health of Nations

Schama, Simon

Cities and countries engulfed by panic and death, desperate for vaccines but fearful of what inoculation may bring. This is what the world has just gone through with COVID-19. But as Simon Schama shows in his epic history of vulnerable humanity caught between the terror of contagion and the ingenuity of science, it has happened before. Characteristically, with Schama, the message is delivered through gripping, page-turning stories set in the 18th and 19th centuries: smallpox strikes London; cholera hits Paris; plague comes to India. Threading through the scenes of terror, suffering, and hope – in hospitals and prisons, palaces and slums – are an unforgettable cast of characters: a philosopher-playwright burning up with smallpox in a country chateau; a vaccinating doctor paying house calls in Halifax; a woman doctor in south India driving her inoculator-carriage through the stricken streets as dead monkeys drop from the trees. But we are also in the labs, when great, lifesaving breakthroughs happen, in Paris, Hong Kong and Mumbai. At the heart of it all, an unsung hero: Waldemar Haffkine. A gun-toting Jewish student in Odessa turned microbiologist at the Pasteur Institute, hailed in England as 'the saviour of mankind' for vaccinating millions against cholera and bubonic plague in British India, while being cold shouldered, by the medical establishment of the Raj. Creator of the world's first mass production line of vaccines in Mumbai he is tragically brought down in an act of shocking injustice. *Foreign Bodies* crosses borders between east and west, Asia and Europe, the worlds of rich and poor, politics and science. Its thrilling story carries with it the credo of its author on the interconnectedness of humanity and nature; of the powerful and the people. Ultimately, Schama says, as we face the challenges of our times, together, 'there are no foreigners, only familiars'.

History/Science HC \$59.99

X Marks the Spot

The Story of Archaeology in Eight Extraordinary Discoveries

Scott, Michael

A thrilling and adventurous new history of discovery that takes us on a global tour of the most fascinating archaeological finds of all time. Uncovering the physical remains of our past is a quintessential human itch; the pursuit of every society from the ancients through to today. But the stories behind archaeological exploration and discovery – what we look for when, what we end up finding, and what we then do with it – tell us as much about ourselves today as they do about the past. Through eight sensational stories of discovery, Professor Michael Scott traces the evolution of modern archaeology from colonial expeditions to today's cutting-edge digs, unearthing traps, curses, and buried treasure along the way. We uncover why different periods and places have caught our attention and imaginations at different times. We meet the characters, some celebrated and some forgotten, who found world-famous discoveries like the Rosetta Stone, the Terracotta Warriors, and Machu Picchu. We investigate ancient human footprints, stunning shipwrecks, mythical princesses, and surprising rituals as keyholes to the wonders of past civilisations. And we unravel how archaeological finds have often become emblems of modern fascinations and dilemmas. Crossing millions of years, trekking from the jungles of South America to the frozen highlands of Central Asia, *X Marks the Spot* reveals how much the discovery of our past is intertwined with the concerns of our present and why X never, ever marks the spot.

Archaeology TP \$34.99

The Limits of Genius

The Surprising Stupidity of the World's Greatest Minds

Spalding, Katie

A hilarious look at how the line between 'genius' and 'extremely lucky idiot' is finer than we'd like to admit. The more you delve into the stories behind history's greatest names, the more you realise they have something in common: a mystifying lack of common sense. Take Marie Curie, famous for both discovering radioactivity and having absolutely zero lab safety protocols. Or Lord Byron, who literally took a *bear* with him to university. Or James Glaisher, a hot-air balloon pioneer who nearly ended up as the world's first human satellite... From Nikola Tesla falling in love with a pigeon, to non-swimmer Albert Einstein's near-fatal love of sailing holidays, *The Limits of Genius* is filled with examples of the so-called brightest and best of humanity doing, to put it bluntly, some really dumb shit. These are the stories that deserve to be told but never are: the hilarious, regrettable and downright baffling lesser-known achievements of the men and women who somehow managed to bungle their way into our history books.

History/Science TP \$34.99

Dressing Barbie

A Celebration of the Clothes that Made America's Favourite Doll and the Incredible Woman Behind Them

Spencer, Carol

A dazzling celebration of the clothes that made America's favourite doll and the

incredible woman behind them, timed to the movie release of *Barbie*, starring Margot Robbie and Ryan Gosling, directed by Greta Gerwig. If you've ever had a Barbie doll, or you know someone who did, chances are that Barbie was dressed in one of the thousands of designs created by Carol Spencer during her unparalleled reign as a Barbie fashion designer, spanning more than 35 years. Illustrated with more than 100 full-colour photographs, including many never-before-seen images of rare and one-of-a-kind pieces from Spencer's private archive, *Dressing Barbie* is a treasure trove of some of the best and most iconic Barbie looks from the early 1960s until the late 1990s. Along with behind-the-scenes stories of how these designs came to be, Spencer reminisces about her thrilling time at Mattel working with legendary figures such as Ruth Handler, Barbie's creator, and Charlotte Johnson, the original Barbie designer, for a full, inside look into life with the beloved doll. Over the course of her career, Spencer won many accolades. She was the first designer to have her signature on the doll, the first to go on a signing tour, the first to design a limited-edition Barbie for collectors, and the designer of the biggest-selling Barbie of all time. Now, she is the first member of the inner circle to reveal the fashion world of the quintessential California girl, as never before.

History PBK \$60.00

How to Win the War on Truth

An illustrated guide to how mistruths are sold, why they stick, and how to reclaim reality

Spitale, Samuel C

An illustrated guide to navigating today's post-truth landscape, filled with examples of modern-day propaganda campaigns. We're bombarded with information like never before. Some of it's true, some of it's spin, and some of it's flat-out fake news. And that's by design. Propaganda helps governments and corporations sell us products, lifestyles, and ideas. Sometimes the agenda is harmless, but other times it's destructive, and it's not always easy to spot the difference. Whether you want to be informed on the issues or debunk misinformation wherever you encounter it, *How to Win the War on Truth* is here to help. You'll learn: the history of propaganda, from Edward Bernays to Fox News; why simple messages are so powerful; who profits from propaganda; how propaganda is manufactured and delivered directly to you; and how to find the truth for yourself. Filled with cleverly-illustrated real-world examples of propaganda in all its forms, *How to Win the War on Truth* will help you see the world with clear eyes for the first time. Because when it comes to preserving democracy and fighting for our rights, it's essential that we do.

Misinformation PBK \$44.99

The Other Renaissance

From Copernicus to Shakespeare

Strathern, Paul

Through the lives of major figures from the 15th to the 17th centuries, including Copernicus, Gutenberg, Luther, Catherine de Medici, Rabelais, van Eyck, and Shakespeare, Paul Strathern tells the fascinating story of the northern European Renaissance, which rivalled its Italian counterpart. There is no denying that many of

Pulp Fiction

Nonfiction June 2023 (continued)

the first developments of the Renaissance took place in Italy. However, a revolution of similar magnitude was also occurring across northern Europe, which would forever alter European culture in its own unique fashion. Initially centred on the city of Bruges, its influence was soon felt in France, the German states, England, and even in Italy, itself. By vividly bringing to life the key players of the northern Renaissance, Paul Strathern explores some of the most significant advances of the whole era, revealing how they not only introduced new ways of thinking in art, literature, science, philosophy, mathematics, and medicine, but also allowed for the evolution of an entirely different concept of life. In this compelling and original history, Strathern shows how the 'Other Renaissance' would play a role, at least as significant, as the Italian Renaissance in shattering the constraints of medieval life and bringing our modern world into being.

History TP \$32.99

Orwell: The New Life **Taylor, D J**

The definitive biography of one of the greatest writers of the 20th century. Over 70 years since his premature death, George Orwell (1903–50) has become one of the most significant figures in western literature. His two dystopian masterpieces, *Animal Farm* (1945) and *Nineteen Eighty-Four* (1949) have together sold over 40 million copies. Even now, he continues to exert a decisive influence on our understanding of international power politics. D J Taylor's new biography, the first full-length study for 20 years, draws on a wide range of previously unseen material – newly-discovered letters to old girlfriends and professional colleagues, the recollections of the dwindling band of people who remember him, new information about his life in the early 1930s – to produce a definitive portrait of this complex, driven, and self-mythologising man.

Biography TP \$34.99

Starry Messenger

Cosmic Perspectives on Civilisation

Tyson, Neil DeGrasse

Bringing his cosmic perspective to civilisation on Earth, Neil deGrasse Tyson, bestselling author of *Astrophysics for People in a Hurry*, shines new light on the crucial fault lines of our time – war, politics, religion, truth, beauty, gender, race, and tribalism – in a way that stimulates a deeper sense of unity for us all. In a time when our political and cultural perspectives feel more divisive than ever, Tyson provides a much-needed antidote to so much of what divides us, while making a passionate case for the twin engines of enlightenment – a cosmic perspective and the rationality of

science. After thinking deeply about how a scientist views the world and about what Earth looks like from space, Tyson has found that terrestrial thoughts change as our brain resets and recalibrates life's priorities, along with the actions we might take in response. As a result, no outlook on culture, society, or civilisation remains untouched. In *Starry Messenger*, Tyson reveals just how human the enterprise of science is. Far from a cold, unfeeling undertaking, scientific methods, tools, and discoveries have shaped modern civilisation and created the landscape we've built for ourselves on which to live, work, and play. Tyson shows how an infusion of science and rational thinking renders worldviews deeper and more informed than ever before – and exposes unfounded perspectives and unjustified emotions.

With crystalline prose and an abundance of evidence, *Starry Messenger* walks us through the scientific palette that sees and paints the world differently. From lessons on resolving global conflict to reminders of how precious it is to be alive, Tyson reveals, with warmth and eloquence, ten surprising, brilliant, and beautiful truths of human society, informed and enlightened by knowledge of our place in the universe.

Science TP \$29.99

The Aleister Crowley Manual

Thelemic Magick for Modern Times

Visconti, Marco

This is a no-nonsense, practical guide to working the magick of Aleister Crowley in modern times. Marco Visconti has taught Aleister Crowley's Magick to hundreds of aspirants, proving to himself and others its transmutative powers. This book brings together the effective techniques and practices from those lessons. We all live very busy lives, in increasingly small spaces – but this book shows that to practice magick you don't need fancy tools or robes or marbles halls. Magick is truly for everyone, because all you need to practice it is a will set in stone. Each chapter in this manual is a lesson, which will add a new tool to your magical arsenal: the nature of the Body of Light; what Prana is and how to harness it; the four Hermetic Elements that make up the foundations of the Magical Pyramid; the Quintessence; the Pentagram; Hexagram rituals; the Astral Light invoked through the Middle Pillar. The benefits gained from bringing Magick into your life are manifold. You will gain a deeper understanding of your role in the universe, the ability to communicate with the Other, and the wisdom that comes from such relationships. Overall, these practices offer a new and deeper sense of awareness of your own role in the universe.

Magick HC \$52.99

An Immense World

How Animal Senses Reveal the Hidden Realms Around Us

Yong, Ed

A grand tour through the hidden realms of animal senses that will transform the way you perceive the world – from Pulitzer prize-winning journalist and bestselling author of *I Contain Multitudes* (PBK, \$22.99). The Earth teems with sights and textures, sounds and vibrations, smells and tastes, electric and magnetic fields. But every animal is enclosed within its own unique sensory bubble, perceiving only a tiny sliver of an immense world. This book welcomes us into previously unfathomable dimensions – the world as it is truly perceived by other animals. We encounter beetles that are drawn to fires, turtles that can track the Earth's magnetic fields, fish that fill rivers with electrical messages, and humans that wield sonar like bats. We discover that a crocodile's scaly face is as sensitive as a lover's fingertips, that plants thrum with the inaudible songs of courting bugs, and that even simple scallops have complex vision. We learn what bees see in flowers, what songbirds hear in their tunes, and what dogs smell on the street. We listen to stories of pivotal discoveries in the field, while looking ahead at the many mysteries which lie unsolved. Ed Yong coaxes us beyond the confines of our own senses, allowing us to perceive the threads of scent, waves of electromagnetism and pulses of pressure that surround us. Because, in order to understand our world, we don't need to travel to other places; we need to see through other eyes. Now in paperback.

Science PBK \$24.99

Media Monsters

The Transformation of Australia's Newspaper Empires

Young, Sally

In 1941, the paper emperors of the Australian newspaper industry helped bring down Robert Menzies. Over the next 30 years, they grew into media monsters. This book reveals the transformation from the golden age of newspapers during World War II, through Menzies' return and the rise of television, to Gough Whitlam's 'It's Time' victory in 1972. During this crucial period, 12 independent newspaper companies turned into a handful of multimedia giants. They controlled newspapers, magazines, radio, and television stations. Their size and reach were unique in the western world. Playing politics was vital to this transformation. The newspaper industry was animated by friendships and rivalries, favours, and deals, and backed by money and influence, including from mining companies, banks, and the Catholic Church. Even internationally,

Australia's newspaper owners and executives were considered a shrewd and ruthless bunch. The hard men of the industry included Rupert Murdoch, Frank Packer, Warwick Fairfax's top executive Rupert Henderson, and Jack Williams, the unsung empire builder of the *Herald* and *Weekly Times*. In *Media Monsters*, Sally Young, the award-winning author of *Paper Emperors*, uncovers the key players, their political connections and campaigns, and their corporate failures and triumphs. She explores how the companies they ran influenced the Australia we know today.

History/Business TP \$49.99

The Man Who

Solved the Market

How Jim Simons Launched the Quant Revolution

Zuckerman, Gregory

The unbelievable story of a secretive mathematician who pioneered the era of the algorithm – and made \$23 billion doing it. Jim Simons is the greatest money maker in modern financial history. No other investor – Warren Buffett, Peter Lynch, Ray Dalio, Steve Cohen, or George Soros – can touch his record. Since 1988, Renaissance's signature Medallion fund has generated average annual returns of 66%. The firm has earned profits of more than \$100 billion; Simons is worth 23 billion dollars. Drawing on unprecedented access to Simons and dozens of current and former employees, Zuckerman, a veteran *Wall Street Journal* investigative reporter, tells the gripping story of how a world-class mathematician and former code breaker mastered the market. Simons pioneered a data-driven, algorithmic approach that's sweeping the world. As Renaissance became a market force, its executives began influencing the world beyond finance. Simons became a major figure in scientific research, education, and liberal politics. Senior executive Robert Mercer is more responsible than anyone else for the Trump presidency, placing Steve Bannon in the campaign and funding Trump's victorious 2016 effort. Mercer also impacted the campaign behind Brexit. *The Man Who Solved the Market* is a portrait of a modern-day Midas who remade markets in his own image, but failed to anticipate how his success would impact his firm and his country. It's also a story of what Simons' revolution means for the rest of us.

Science/Economics PBK \$26.99