

Pulp Fiction

Nonfiction Catalogue September 2021

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Osprey military history

Ju 87 Stuka vs Royal Navy Carriers: Mediterranean Duel 111

Forsyth, Robert & Laurier, Jim (illustrator)

Ju 87 dive-bombers, originally developed for pinpointing bombing missions against land targets and Allied naval vessels were deployed by both the Luftwaffe and the *Regia Aeronautica* against the Allied forces. Included in such a target were perhaps the greatest prize of all for a Stuka pilot: a British aircraft carrier. This superbly-illustrated book looks at the duel between the Ju 87 Stuka and the aircraft carriers of the Royal Navy. Despite their gun protection ('pompoms') and their squadrons of fighters, these immense and mighty vessels proved irresistible targets to determined and experienced Stuka aces as they endeavoured to stop British naval intervention in the campaigns in Norway, Malta and Crete. By 1941, the Ju 87 had become known by the British as a fearsome aircraft following its operations in France, specifically at Dunkirk, as well as in the Balkans. For the Luftwaffe, it was an aircraft in which they still had great confidence despite its mauling in the Battle of Britain during the summer of 1940. This book examines the key attributes and shortcomings of both aircraft and carrier by analysing various compelling episodes including the dramatic attacks on *Ark Royal* by *Stukageschwader* (St.G) 1 off Norway, in April 1940; the strikes by the Luftwaffe's St.G 1, St.G 2 and the *Regia Aeronautica's* 237^o *Squadriglia* against *Illustrious* in Malta harbour. Aside from outstanding photography and artwork, this volume also includes numerous personal accounts from Stuka crews, the pilots of carrier-borne fighters opposing them, and the sailors embarked in the various carriers that came under attack.

Aviation history PBK \$29.99

Luftwaffe Special Weapons 1942-45

general aviation

Forsyth, Robert & Laurier, Jim (illustrator)

As the course of World War II turned against the Third Reich after Stalingrad some of the most inventive and radical proposals, and designs, were put forward by armaments manufacturers, scientists and technicians, aircrew, and even private individuals to the *Reichsluftministerium* (German Air Ministry) for consideration. Some proposals were destined never to leave the drawing board, while others not only underwent trials but

were issued to operational units and used in action. In this fascinating new book, leading Luftwaffe historian Robert Forsyth examines the many different types of weapons that comprised the Luftwaffe's increasingly potent arsenal during the second half of the war. This was the period that saw the development and adoption of aerial torpedoes, wire-guided rockets and missiles, batteries fired by photo-electric cells, chemical weapons, composite bombers and air-launched flying bombs.

Aviation history HC \$69.99

Hunt the Bismarck: the pursuit of Germany's most famous battleship

general military

Konstam, Angus

A ground-breaking narrative account of one of World War II's most exciting chase stories, the pursuit of the legendary German battleship *Bismarck*. *Hunt the Bismarck* tells the story of Operation *Rheinübung*, the Atlantic sortie of Nazi Germany's largest battleship, *Bismarck*, in May 1941 and her subsequent pursuit by the Royal Navy. *Bismarck* entered naval service in the summer of 1940. She was well armed, with eight 15 in guns, as well as a powerful array of lighter weapons, while her armoured protection earned her the reputation of being unsinkable. This claim was put to the test in May 1941 when she sortied into the Atlantic and fought the legendary battle of the Denmark Strait, destroying HMS *Hood*, the pride of the Royal Navy. *Bismarck* was now loose in the North Atlantic. However, damage sustained in the battle limited her ability to roam at will, and the Royal Navy deployed the Home Fleet to avenge the sinking of the *Hood*. The stage was set for the greatest chase story in the history of naval warfare. Drawing on a wealth of first-hand accounts and intertwining extensive research into a fast-paced narrative, this is the most readable and accurate account of *Bismarck's* epic pursuit ever produced.

Naval history PBK \$22.99

US Navy Frigates of the Cold War

New Vanguard 297

Stille, Mark & Wright, Paul (illustrator)

Though they were never the most glamorous of warships, US Navy frigates were frequently found on the frontlines of the Cold War at sea. These warships were the descendants of World War II's destroyer escorts, designed primarily to escort convoys. They specialised in anti-submarine warfare, but were intended

to be numerous, tough, versatile, and well armed; enough to show US naval power around the world, performing roles that varied from intercepting drug smugglers to defending aircraft carriers. When the Cold War turned hot, frigates were often there. It was a US Navy frigate, *Harold E Holt*, that conducted the US Navy's first hostile boarding action since 1826 during the SS *Mayaguez* incident. Frigates were at the forefront of operations in the Persian Gulf during the Tanker War, with the frigate USS *Stark* suffering a notorious Exocet attack by Iraqi warplanes, and proving the Oliver Hazard Perry-class' legendary toughness. This book explains how the technology and design of frigates changed during the Cold War, how the classes were modified to keep up to date, and explores the many varied missions they performed during the Cold War and since.

Naval history PBK \$22.99

Tanks of D-Day 1944: Armour on the beaches of Normandy and southern France

New Vanguard 296

Zaloga, Steven J & Rodríguez, Felipe (illustrator)

Allied success in invading Fortress Europe (the area of Continental Europe occupied by Nazi Germany) depended on getting armour onto the beaches as fast as possible. This book explains how the Allies developed the specialist tanks it needed, their qualities, deployment and numbers, and how they performed on the two crucial days when France was invaded, firstly in Normandy and then in Provence. The focus of this volume will be on the specialised tanks developed for the Operation Neptune amphibious landings including the Duplex Drive amphibious Sherman tanks used on both the US and British/Canadian beaches. It also covers the specialised engineer tanks called 'Armoured Funnies' of the British 79th Armoured Division and addresses the popular myth that US Army refusal to employ the Armoured Funnies was a principal cause for the high casualties at Omaha Beach. There is also coverage of Operation *Overlord's* 'Forgotten D-Day', the amphibious landings of Operation *Dragoon*. This book addresses why there were so few Panzers opposing the landings from the German perspective as well as detailing the extent of German tank/assault gun activity on D-Day.

Military history PBK \$22.99

All the books in this catalogue are new books due for release in **September 2021**.

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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

Pulp Fiction

Nonfiction September 2021 (continued)

General nonfiction

The Natural History Book:

the Ultimate Visual Guide to Everything on Earth

A monumental and beautiful guide to Earth's wildlife and natural history – its rocks, minerals, animals, plants, fungi, and micro-organisms – this landmark of reference publishing has been extended and updated. In the 11 years since the book was released, thousands of new species have been identified, and new revelations have redrawn the tree of life. Already featuring galleries of more than 5,000 species, *The Natural History Book* now includes discoveries such as the olinguito (the 'kitty bear' of the Andean cloud forest), and a new species of deep-sea Bolosoma glass sponge photographed by the NOAA Ship *Okeanos Explorer*. And it has reorganised the groups of living things to reflect the latest scientific understanding. All this ensures that this, the only book to offer a complete visual survey of all kingdoms of life, remains the benchmark of illustrated natural history reference. Written by a worldwide team of natural history experts, *The Natural History Book* is the perfect addition to every family bookshelf, as well as an ideal gift for any nature lover. From granites to grape vines, from microbes to mammals, *The Natural History Book* is the ultimate celebration of the diversity of the natural world.

Science HC \$69.99

The Hydrogen Revolution:

a Blueprint for the Future of Clean Energy

Alverà, Marco

An energy expert shows why hydrogen can fight climate change and become the fuel of the future. We're constantly told that our planet is in crisis; that to save it, we must stop travelling, stop eating meat, even stop having children. But in *The Hydrogen Revolution*, Marco Alverà argues that we don't need to upend our lives. We just need a new kind of fuel: hydrogen. From transportation and infrastructure to heating and electricity, hydrogen could eliminate fossil fuels, boost economic growth, and encourage global action on climate change. It could also solve the most bedeviling aspects of today's renewable energy – from transporting and storing wind and solar energy and their vulnerability to weather changes to the inefficiency and limited utility of heavy, short-lasting batteries. *The Hydrogen Revolution* isn't just a manifesto for a powerful new technology. It's a hopeful reminder that despite the gloomy headlines about the fate of our planet, there's still an opportunity to turn things around.

Science TP \$32.99

What I Stand for is What I Stand On

Green Ideas 15

Berry, Wendell

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. From the ravages of the global economy to

the great pleasures of growing a garden, these powerful essays represent a heartfelt call for humankind to mend our broken relationship with the earth, and with each other.

Conservation PBK \$9.99

Night of the Assassins:

the Untold Story of Hitler's Plot to Kill FDR, Churchill, and Stalin

Blum, Howard

The true story of the Nazi plot to kill the leaders of the United States, Great Britain, and the USSR, during World War II. The mission: to kill the three most important and heavily guarded men in the world. The assassins: a specially trained team headed by the killer known as The Most Dangerous Man in Europe. The stakes: nothing less than the future of the Western world. The year is 1943, and the three Allied leaders – Franklin D Roosevelt, Winston Churchill, and Joseph Stalin – are meeting for the first time at a top-secret conference in Tehran. But the Nazis have learned about the meeting and Hitler sees it as his last chance to turn the tide. Although the war is undoubtedly lost, the Germans believe that perhaps a new set of Allied leaders might be willing to make a more reasonable peace in its aftermath. And, so, a plan is devised – code name Operation Long Jump – to assassinate FDR, Churchill, and Stalin. Immediately, a highly-trained, hand-picked team of Nazi commandos is assembled, trained, armed with special weapons, and parachuted into Iran. They have six days to complete the daring assignment before the statesmen will return home. With no margin for error and little time to spare, Mike Reilly, the head of FDR's Secret Service detail – a man from a Montana silver mining town who describes himself as 'an Irish cop with more muscle than brains' – must overcome his suspicions and instincts to work with a Soviet agent from the NKVD (the precursor to the KGB) to save the three most powerful men in the world. Filled with eight pages of black-and-white photographs, *Night of the Assassins* is a suspenseful true-life tale about an impossible mission, a ticking clock, and one man who stepped up to the challenge and prevented a world catastrophe.

History TP \$32.99

The Cartiers:

the Untold Story of the Family Behind the Jewellery Empire

Brickell, Francesca Cartier

The Cartiers is the revealing tale of a jewellery dynasty – four generations, from revolutionary France to the 1970s. At its heart are the three Cartier brothers – whose motto was 'Never copy, only create' – and who made their family firm internationally famous in the early days of the twentieth century, thanks to their unique and complementary talents: Louis, the visionary designer who created the first men's wristwatch to help an aviator friend tell the time without taking his hands off the controls of his flying machine; Pierre, the master dealmaker who bought the New York headquarters, on Fifth Avenue, for a double-stranded natural pearl necklace; and Jacques, the globetrotting gemstone expert whose travels to India gave Cartier access to the world's best rubies, emeralds, and sapphires, inspiring the celebrated Tutti Frutti jewellery. Francesca Cartier Brickell, whose great-grandfather was the youngest of the

brothers, has travelled the world researching her family's history, tracking down those connected with her ancestors and discovering long-lost pieces of the puzzle along the way. Now, she reveals never-before-told dramas, romances, intrigues, betrayals, and more. *The Cartiers* also offers a behind-the-scenes look at the firm's most iconic jewellery – the notoriously cursed Hope Diamond, the Romanov emeralds, the classic panther pieces – and the long line of stars from the worlds of fashion, film, and royalty who wore them, from Indian maharajas and Russian grand duchesses to Wallis Simpson, Coco Chanel, and Elizabeth Taylor. Published in the 200th anniversary year of the birth of the dynasty's founder, Louis-François Cartier, this book is a magnificent, definitive, epic social history shown through the deeply personal lens of one legendary family.

Biography TP \$34.99

Decoding the World:

How the Genetic Era Will Change the World

Bronson, Po & Gupta, Arvind

Decoding the World is a buddy adventure about the quest to live meaningfully in a world with such uncertainty. It starts with Po Bronson coming to IndieBio. Arvind Gupta created IndieBio, as a laboratory for early biotech start-ups trying to solve major world problems. Glaciers melting. Dying bees. Infertility. Cancer. Ocean plastic. Pandemics. Arvind is the fearless one, a radical experimentalist. Po is the studious detective, patiently synthesising clues others have missed. Their styles mix and create a quadratic speedup of creativity. Yin and Yang crystallised. As they travel around the world, finding scientists to join their cause, the authors bring their firsthand experience to the great mysteries that haunt our future. Natural resource depletion. Job-taking robots. China's global influence. Arvind feels he needs to leave IndieBio, to help start-ups do more than just get started. But as his departure draws near, he struggles to leave the sanctum he created. While Po has to prove he can keep the indie, in IndieBio, after Arvind is gone. After looking through their lens, you'll never see the world the same.

Science PBK \$22.99

The Art of More:

How Mathematics Created Civilisation

Brooks, Michael

An illuminating exploration of the ways in which mathematics – and the people who have mastered its inherent power, through the ages – has shaped our world. In this captivating, sweeping history, Michael Brooks makes clear that mathematics was one of the foundational innovations that catapulted humanity from a nomadic existence to civilisation, and that it has been instrumental in every subsequent great leap of humankind: from charting the movements of celestial bodies to navigating the globe to tracking the dissemination of viruses. The trailblazing mathematicians who devoted their lives to taming numbers come to life in Brooks' telling. Here are ancient Egyptian priests, Babylonian tax officials, the Apollo astronauts, the hobbyist who cracked a mapmaking puzzle that had stumped both NASA and the US Geological Survey, and the MIT professor who invented

the infrastructure of the online world. Their stories clearly demonstrate that the invention of mathematics is every bit as important to the human species as the discovery of fire. From first page to last, *The Art of More* brings mathematics back into the heart of what it means to be human.

Science/History TP \$32.99

Atlas of Imagined Places

Brown, Matt & Davies, Rhys

From Stephen King's *Salem's Lot* to superhero Wakanda, from Lilliput of *Gulliver's Travels* to Springfield in *The Simpsons*, a wondrous atlas of imagined places around the world. Locations from film, tv, literature, myths, comics and video games are plotted in a series of beautiful vintage-looking maps. The maps feature fictional buildings, towns, cities and countries plus mountains and rivers, oceans and seas. Ever wondered where the Bates Motel was based? Or Bedford Falls, in *It's a Wonderful Life*? The authors have taken years to research the likely geography of thousands of popular culture locations that have become almost real to us. Sometimes these are easy to work out but other times a bit of detective work is needed and the authors have been those detectives. By looking at the maps, you'll find that the revolution at *Animal Farm* happened next to Winnie-the-Pooh's home. Each location has an extended index entry, plus coordinates so you can find it on the maps. Illuminating essays accompanying the maps give a great insight into the stories behind the imaginary places... from Harry Potter's wizardry to Stone Age Bedrock in *The Flintstones*. A stunning map collection of invented geography and topography drawn from the world's imagination. Fascinating, beautiful and an essential book for any popular culture fan and map enthusiast.

Literary geography HC \$49.99

The Bookshop Book

Campbell, Jen

Every bookshop has a story. We're not talking about rooms that are just full of books. We're talking about bookshops in barns, disused factories, converted churches and underground car parks. Bookshops on boats, on buses, and in old, rundown train stations. Fold-out bookshops, undercover bookshops, this-is-the-best-place-I've-ever-been-to bookshops. Meet Sarah and her Book Barge sailing across the sea to France; meet Sebastien, in Mongolia, who sells books to herders of the Altai mountains; meet the bookshop in Canada that's invented the world's first antiquarian book vending machine. And that's just the beginning. From the oldest bookshop in the world, to the smallest you could imagine, *The Bookshop Book* examines the history of books, talks to authors about their favourite places, and looks at over three hundred weirdly wonderful bookshops across six continents (sadly, we've yet to build a bookshop, down in the South Pole). *The Bookshop Book* is a love letter to bookshops all around the world. (*The Bookshop Book* includes interviews and quotes from David Almond, Ian Rankin, Tracy Chevalier, Audrey Niffenegger, Jacqueline Wilson, Jeanette Winterson, and many, many others.)

Bookshops PBK \$19.99

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Man's War Against Nature

Green Ideas 19

Carson, Rachel

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. Here, with the precision of a scientist and the simplicity of a fable, Rachel Carson reveals how manmade pesticides have destroyed wildlife, creating a world of polluted streams and silent songbirds.

Conservation PBK \$9.99

The Good Germans:

Resisting the Nazis, 1933–1945

Glay, Catrine

After 1933, as the brutal terror regime took hold, most of the two-thirds of Germans who had never voted for the Nazis – some 20 million people – tried to keep their heads down and protect their families. They moved to the country, or pretended to support the regime to avoid being denounced by neighbours, and tried to work out what was really happening in the Reich, surrounded as they were by Nazi propaganda and fake news. They lived in constant fear. Yet, many ordinary Germans found the courage to resist. Catrine Glay argues that it was a much greater number than was ever formally recorded. Her ground-breaking book focuses on six very different characters. They are not seen in isolation but as part of their families. Each experiences the momentous events of Nazi history as they unfold in their own small lives – Good Germans, all.

History PBK \$22.99

Ten Days in Physics that Shook the World:

How Physicists Changed Everyday Life

Glegg, Brian

The breakthroughs that have had the most transformative practical impacts, from thermodynamics to the Internet. Physics informs our understanding of how the world works – but more than that, key breakthroughs in physics have transformed everyday life. We journey back to 10 separate days in history to understand how particular breakthroughs were achieved, meet the individuals responsible and see how each breakthrough has influenced our lives. It is a unique selection. Focusing on practical impact means there is no room for Stephen Hawking's work on black holes, or the discovery of the Higgs boson. Instead, we have the relatively little-known Rudolf Clausius (thermodynamics) and Heike Kamerlingh Onnes (superconductivity), while Albert Einstein is included – not for his theories of relativity, but for the short paper that gave us $E=mc^2$ (nuclear fission). Later chapters feature transistors, LEDs, and the Internet.

Science HC \$24.99

Look Up:

Why Space is for Everyone...

And Why It Matters

Cruddas, Sarah

Most of us have never been to space. To date, of the more than 100 billion humans that have ever existed, fewer than 600 humans have ever left Earth. But the exploration of space is the most significant thing we will ever do as a species. Sarah Cruddas has been looking to the skies, her entire life. Her childhood was spent staring at the Moon and hearing stories of the space race, and she worked in a fruit factory to fund her love of the subject. Her subsequent career studying astrophysics, and becoming a television host and space journalist has seen her report on space exploration and chase launches across the world. In *Look Up*, Sarah explains why she has always been a passionate advocate for why space should matter – to everyone. From our ancestors who first painted patterns of the stars in caves, to the US and Soviet pioneers who first forged a path beyond our planet, Sarah Cruddas explores the stories and sacrifices that humankind has made to understand more about our place in the universe. And even today, when Moon walking and people in space suits seem less relevant to us than climate change and conflicts here on Earth, she shows how everything from medicine to mobile phones is affected by space technology, and how a new generation of entrepreneurs have kick-started a new story with the stars. This is an inspirational and enlightening introduction to the importance of space to everyone, and why we should all learn to Look Up.

Science PBK \$22.99

What's Eating the Universe?

And Other Cosmic Questions

Davies, Paul

The story of the universe in thirty cosmological conundrums. In the constellation of Eridanus, there lurks a cosmic mystery. It's as if something has taken a huge bite out of the universe, leaving a super-void. What could be the culprit? A super massive black hole? Another, bigger universe? Or an expanding vacuum bubble, destined to envelop and annihilate everything in existence? Scientists now understand the history of our universe better than the history of our own planet, but they continue to uncover startling new riddles – the hole in the universe being just one. In this electrifying book, award-winning physicist Paul Davies walks us through the puzzles and paradoxes that have preoccupied cosmologists from ancient Greece to the present day. Laying bare the audacious research that has led us to mind-bending solutions, Davies reveals how we might begin to approach the greatest outstanding enigmas of all.

Science HC \$35.00

The Last Tree on Easter Island

Green Ideas 13

Diamond, Jared

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words

have endured, becoming the classics that define the environmental movement today. This is his haunting account of visiting the mysterious stone statues of Easter Island, showing how a remote civilisation destroyed itself by exploiting its own natural resources – and why we must heed this warning.

Conservation PBK \$9.99

The Light Ages:

a Medieval Journey of Discovery

Falk, Seb

A spellbinding journey through the life of an English monk, an age of discovery and the mysteries of the medieval mind. The Middle Ages were a time of wonder. They gave us the first universities, the first eyeglasses and the first mechanical clocks as medieval thinkers sought to understand the world around them, from the passing of the seasons to the stars in the sky. In this book, we walk the path of medieval science with a real-life guide, a 14th-century monk named John of Westwyk – inventor, astrologer, crusader – who was educated in England's grandest monastery and exiled to a cliff-top priory. Following the traces of his life, we learn to see the natural world through Brother John's eyes: navigating by the stars, multiplying Roman numerals, curing disease, and telling the time with an astrolabe. We travel the length and breadth of England, from Saint Albans to Tynemouth, and venture far beyond the shores of Britain. On our way, we encounter a remarkable cast of characters: the clock-building English abbot with leprosy, the French craftsman-turned-spy and the Persian polymath who founded the world's most advanced observatory. An enthralling story of the struggles and successes of an ordinary man and an extraordinary time, *The Light Ages* conjures up a vivid picture of the medieval world as we have never seen it before.

History/Science PBK \$24.99

52 Times Britain was a Bellend:

Get the History You Didn't

Get Taught at School

Felton, James

The painfully-funny history of Britain, you were never taught at school, chronicling some of the ludicrous things the British have done to the world since time immemorial – and then conveniently forgetting we've done them, of course. Twitter hero James Felton brings you the painfully funny history of Britain you were never taught at school, fully illustrated and chronicling 52 of the most ludicrous, weird and downright 'baddie' things, we Brits* have done to the world since time immemorial – before conveniently forgetting all about them, of course. Including: starting wars with China, when they didn't buy enough of our class A drugs; inventing a law, so we didn't have to return objects we'd blatantly stolen from other countries; casually creating muzzles for women; almost going to war over a crime committed by a pig; and a brand-new chapter, just for the paperback! *52 Times Britain was a Bellend* will complete your knowledge of this sceptred isle in ways you never expected. So, if you've ever wondered how we put the 'Great' in 'Great Britain', wonder no more...

* And when we say British, for the most part we unfortunately just mean the English.

History PBK \$24.99

Behind the Enigma:

the Authorised History of GCHQ, Britain's Secret Cyber-Intelligence Agency

Ferris, John

You know about MI5. You know about MI6. Now, discover the untold stories behind Britain's most secretive intelligence agency, in the first ever authorised history of GCHQ. For a hundred years, GCHQ – Government Communications Headquarters – has been at the forefront of innovation in national security and British secret statecraft. Famed for its code-breaking achievements during the Second World War, and essential to the Allied victory, GCHQ also held a critical role in both the Falklands War and Cold War. Today, amidst the growing threats of terrorism and online crime, GCHQ continues to be the UK's leading intelligence, security and cyber agency, and a powerful tool of the British state. Based on unprecedented access to classified archives, *Behind the Enigma* is the first book to authoritatively tell the entire history of this most unique and enigmatic of organisations – and peer into its future at the heart of the nation's security.

Espionage PBK \$24.99

A Warning from the Golden Toad

Green Ideas 07

Flannery, Tim

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. Taking us on an extraordinary journey into the past and around the globe, from coral reefs to the North Pole, deserts to rainforests, Tim Flannery tells the story of the earth's climate, and how we have changed it.

Conservation PBK \$9.99

The Eloquence of the Sardine:

the Secret Life of Fish and Other Underwater Mysteries

François, Bill

As a small boy, Bill François was frightened of deep water. Until a chance encounter with the elusive sardine set him on course for a life in marine science: a mission to better understand, and preserve, the underwater world, to find his place in that ecosystem and learn how to converse harmoniously with the ocean. In a series of exquisitely rendered vignettes of marine life, François invites us on a whistle-stop global tour to reveal the mysteries of the sea, beginning with the simple eloquence of the sardine. He unpicks the sound of the sea – an underwater symphony orchestra voiced by a choir of fish – and deciphers the latest scientific discoveries on the immunity of coral and the changing gender of wrasses. We visit the depths of underwater Paris, as François delves into the mysterious world of the eel and explore an extraordinary three-generational friendship between humans and killer whales, and the role a shoal of herrings played in Cold War tensions. Throughout, François effortlessly brings the inner workings of fish to life – their language, their emotions, their

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societal rituals. He also makes a case for why we should look to the sea for inspiration for improving society and investigates the shocking journey from sea to plate. Drawing on history, myth, and legend, but always grounded in science, *The Eloquence of the Sardine* will change the way you think about the sea in the most poetic of ways.

Science TP \$32.99

Murder Under the Microscope:

Serial Killers, Cold Cases and Life as a Forensic Investigator

Fraser, James

In this compelling and chilling memoir, a top forensic investigator lifts the lid on the most notable and notorious cases of his 40-year career. Most murders are not difficult to solve. People are usually killed by someone they know, there is usually abundant evidence and the police methods used to investigate this type of crime are highly effective. But what about the more difficult cases, where the investigation involves an unusual death, an unusual killer, or is complex or politically charged? In these cases, bringing the accused before the courts can take many years, even then, the outcome may be contentious or unresolved. In this compelling and chilling memoir, Jim Fraser draws on his personal experience as a forensic scientist and cold case reviewer to give a unique insight into some of the most notable cases that he has investigated during his 40-year career, including the deaths of Rachel Nickell, Damiola Taylor, and Gareth Williams, the GCHQ code breaker. Inviting the reader into the forensic scientist's micro-world, *Murder Under the Microscope* reveals not only how each of these cases unfolded as a human, investigative and scientific puzzle, but also why some were solved and why others remain unsolved or controversial even to this day.

Forensic science PBK \$22.99

The Dragonfly Will Be the Messiah

Green Ideas 17

Fukuoka, Masanobu

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. The celebrated pioneer of the 'do-nothing' farming method reflects on global ecological trauma and argues that we must radically transform our understanding of both nature, and ourselves, in order to have any chance of healing.

Conservation PBK \$9.99

Dog's Best Friend:

a Brief History of an Unbreakable Bond

Garfield, Simon

How did we arrive at the moment when a dog goes to the cinema? How did we realise that dogs could assist humans not only in hunting, but also in bomb disposal and cancer detection? When did pawsecco and naps on a luxury bed replace the scavenging of their wolf ancestors? From the first glimpses of our early bond on ancient rock art to the latest

scientific and psychological insights, from the Corgis at the Palace to the true story of the Labradoodle, *Dog's Best Friend* is the story of a relationship built over 15,000 years that tells us much about dogs and even more about their owners.

History PBK \$22.99

Uncanny and Improbable Events

Green Ideas 06

Ghosh, Amitav

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. In this personal and wide-ranging exploration of how our collective imaginations fail to grasp the scale of environmental destruction, Amitav Ghosh summons writers and novelists to confront the most urgent story of our times.

Conservation PBK \$9.99

Wings Over Water:

the Story of the World's Greatest Air Race and the Birth of the Spitfire

Glancey, Jonathan

The thrilling story of the Schneider Trophy, a series of glamorous air races that captivated both sides of the Atlantic and became a driver and celebration of speed and engineering prowess. Announced in 1912, the Schneider Trophy was a series of glamorous air contests, popularly known as races, that captivated both sides of the Atlantic. While there were many other aviation competitions, the Schneider proved to be, after a rocky start, by far the most memorable attracting a hugely popular and glamorous following whether Trophy races were held in Monaco, the Venice Lido, the Solent, or Chesapeake Bay. The Schneider Trophy was a focus not just of remarkable aircraft, derring-do pilots and swooning public attention, but also of fierce rivalries between the competitors: Britain, France, Italy and the United States. It gripped the imaginations of pioneering manufacturers and two of the world's finest aircraft designers – Reginald Mitchell and Mario Castoldi – who worked feverishly hard to outdo one another. Perhaps inevitably, the dynamism of rival engineering and politics led to the most potent military fighters of World War Two with Reginald Mitchell's record-breaking Supermarine seaplanes morphing, one way or another, into the Spitfire. *Wings Over Water* not only tells the story of the Schneider Trophy afresh but also examines the backdrop and legacy of these legendary air races, which became a driver and celebration of speed and engineering prowess for both sea and ground-based aircraft. It is an exhilarating tale of raw adventure, public excitement, engineering genius and the fortunes of flying boats and seaplanes.

Aviation history PBK \$22.99

Silent Earth:

Averting the Insect Apocalypse

Goulson, Dave

Insects are essential for life as we know it. As they become scarcer, our world will slowly grind to a halt; we simply cannot

function without them. Drawing on the latest ground-breaking research and a lifetime's study, Dave Goulson reveals the shocking decline of insect populations that has taken place in recent decades, with potentially catastrophic consequences. He passionately argues that we must all learn to love, respect and care for our six-legged friends. Eye-opening, inspiring, and riveting, *Silent Earth* is part love letter to the insect world, part elegy, part rousing manifesto for a greener planet. It is a call to arms for profound change at every level – in government policy, agriculture, industry and in our own homes and gardens. Although time is running out, it is not yet too late for insect populations to recover. We may feel helpless in the face of many of the environmental issues that loom on our horizon, but Goulson shows us how we can all take simple steps to encourage insects and counter their destruction.

Science TP \$35.00

Sleeper Agent:

the Atomic Spy in America Who Got Away

Hagedorn, Ann

George Koval was born in Iowa. In 1932, his parents, Russian Jews who had emigrated because of anti-Semitism, decided to return home to live out their socialist ideals. George, who was as committed to socialism as they were, went with them. It was there that he was recruited by the Soviet Army as a spy and returned to the US in 1940. A gifted science student, he enrolled at Columbia University, where he knew scientists soon to join the Manhattan Project, America's atom bomb program. After being drafted into the US Army, George used his scientific background and connections to secure an assignment at a site where plutonium and uranium were produced to fuel the atom bomb. There, and later in a second top-secret location, he had full access to all facilities, and he passed highly-sensitive information to Moscow. There were hundreds of spies in the US during World War II, but Koval was the only Soviet military spy with security clearances in the atomic-bomb project. The ultimate sleeper agent, he was an all-American boy who had played baseball, loved Walt Whitman's poetry, and mingled freely with fellow Americans. After the war got away without a scratch. It is indisputable that his information landed in the right hands in Moscow. In 1949, Soviet scientists produced a bomb identical to America's, years earlier than US experts expected.

Espionage HC \$49.99

The Next Fifty Things that Made the Modern Economy

Harford, Tim

In *Fifty Things that Made the Modern Economy*, the revolutionary, acclaimed book, radio series and podcast, bestselling economist Tim Harford introduced us to a selection of 50 radical inventions that changed the world. Now, in this new book, Harford once again brings us an array of remarkable, memorable, curious and often unexpected 'things' – inventions that teach us lessons by turns intimate and sweeping about the complex world economy we live in today. From the brick, blockchain and the bicycle to fire, the factory and fundraising, and from solar PV and the pencil to the postage stamp, this brilliant and enlightening

collection resonates, fascinates and stimulates. It is a wonderful blend of insight and inspiration from one of Britain's finest non-fiction storytellers.

Economics PBK \$22.99

Science:

the Definitive Visual Guide

Hart-Davis, Adam

A beautifully illustrated, thematically arranged history of science – covering great scientists, inventions, and ideas – that has been updated to include the latest scientific advances. Delve into the story of science – from astronomy and biology to geology and mathematics – with this illustrated guide to the great scientists, discoveries, and inventions that shaped our world. Going from the dawn of science to the information age, Science tells you all there is to know about ground-breaking events, experiments, theories, and individuals, as well as explaining why each is so significant to the development of scientific thought. Lavish illustrations and stunning photographs help to tell the story of innovation, from ancient Greek geometry to quantum physics. Fascinating biographies of key players – including Zhang Heng, Isaac Newton, and Marie Curie – give you more information about the people behind each discovery. Packed full of straightforward and informative diagrams and CGIs, Science clearly explains how scientific principles – from algebra to how the heart beats – actually work. Updated to include the latest scientific developments, from recent advances in genetic engineering to the detection of gravitational waves 100 years after Einstein predicted their existence, Science is the ultimate book for anyone who wants to know more about how we came to understand the world around us.

Science HC \$59.99

Re-imagining Capitalism in a World on Fire

Henderson, Rebecca

How ethical business will save the world... Free market capitalism is one of humanity's greatest inventions, and the greatest source of prosperity the world has ever seen. But it's also on the verge of destroying the planet and destabilising society in its single-minded pursuit of maximising shareholder value. Rebecca Henderson, McArthur University Professor at Harvard University, argues for a new framework; one that can simultaneously make a positive societal impact by confronting the realities of the environment and the need to address social and economic inequality, while also delivering sustained financial performance to ensure economic growth that brings prosperity and wellbeing to society, as a whole. Drawing on the lessons of companies from around the world who are acting on this responsibility – who are not only surviving but are thriving, becoming leaders in their industries and beginning to drive the wheels of change – Professor Henderson proves that this is not only a moral imperative for business but also the only way to remain competitive in our changing world.

Economics PBK \$22.99

Pulp Fiction

Nonfiction September 2021 (continued)

The World Before Us:

How Science is Revealing a New Story of Our Human Origins

Higham, Tom

The remarkable story of all the other species of human. Fifty thousand years ago, we were not the only species of human in the world. There were at least four others, including the Neanderthals, *Homo floresiensis*, *Homo luzonensis*, and the Denisovans. At the forefront of the latter's ground-breaking discovery was Oxford Professor Tom Higham. In *The World Before Us*, he explains the scientific and technological advancements – in radiocarbon dating and ancient DNA, for example – that allowed each of these discoveries to be made, enabling us to be more accurate in our predictions about not just how long ago these other humans lived, but how they lived, interacted and lived on in our genes today. This is the story of us, told for the first time with its full cast of characters.

Science TP \$32.99

Kim and Jim:

Philby and Angleton, Friends and Enemies in the Cold War

Holzman, Michael

How Kim Philby – master spy and double agent – became the mentor of CIA boss James Angleton, then his mortal enemy, in the Second World War and Cold War. Kim Philby's life and career has inspired an entire literary genre: the spy novel of betrayal. He was one of the leaders of the British counter-intelligence efforts, first against the Nazis, then against the Soviet Union. He was also the KGB's most valuable double agent, so highly regarded that today his image is on the postage stamps of the Russian Federation. Philby was the mentor of James Jesus Angleton, one of the central figures in the early years of the CIA, who became the long-serving chief of the counter-intelligence staff of the Agency. James Angleton and Kim Philby were friends for six years... or, so, Angleton thought. They were then enemies for the rest of their lives. This is the story of their intertwined careers and a betrayal that would have dramatic and irrevocable effects on the Cold War and US–Soviet relations. Featuring vivid locations in London, Washington DC, Rome and Istanbul, *Kim and Jim* anatomises one of the most important and flawed personal relationships in modern history.

Espionage TP \$32.99

The Letters of

Shirley Jackson

Jackson, Shirley & Hyman, Laurence Jackson (editor)

Shirley Jackson is one of the most important American authors of the last hundred years and among our greatest chroniclers of the female experience. This extraordinary compilation of personal correspondence has all the hallmarks of Jackson's beloved fiction: flashes of the uncanny in the domestic, sparks of horror in the quotidian, and the veins of humour that run through good times and bad. *I am having a fine time doing a novel with my left hand and a long story – with as many levels as grand central station – with my right hand, stirring chocolate pudding with a spoon held in my teeth, and tuning*

the television with both feet. Written over the course of nearly three decades, from Jackson's college years to six days before her early death at the age of 48, these letters become the autobiography Shirley Jackson never wrote. As well as being a bestselling author, Jackson spent much of her adult life as a mother of four in Vermont, and the landscape here is often the everyday: raucous holidays and trips to the dentist, overdue taxes and frayed lines of Christmas lights, new dogs, and new babies. But in recounting these events to family, friends, and colleagues, she turns them into remarkable stories: entertaining, revealing, and wise. At the same time, many of these letters provide fresh insight into the genesis and progress of Jackson's writing over nearly three decades. *The novel is getting sadder. It's always such a strange feeling – I know something's going to happen, and those poor people in the book don't; they just go blithely on their ways.* Compiled and edited by her elder son, Laurence Jackson Hyman, in consultation with Jackson scholar Bernice M Murphy, and featuring Jackson's own witty line drawings, this intimate collection holds the beguiling prism of Shirley Jackson – writer and reader, mother and daughter, neighbour and wife – up to the light.

Biographical collections HC \$54.99

The Dawn of Language:

the Story of How We Came to Talk

Johansson, Sverker

Who was 'the first speaker' and what was their first message? An erudite, tightly woven and beautifully written account of one of humanity's greatest mysteries – the origins of language. Drawing on evidence from many fields, including archaeology, anthropology, neurology, and linguistics, Sverker Johansson weaves these disparate threads together to show how our human ancestors evolved into language users. *The Dawn of Language* provides a fascinating survey of how grammar came into being and the differences or similarities between languages spoken around the world, before exploring how language eventually emerged in the very remote human past. Our intellectual and physiological changes through the process of evolution both have a bearing on our ability to acquire language. But to what extent is the evolution of language dependent on genes, or on environment? How has language evolved further, and how is it changing now, in the process of globalisation? And which aspects of language ensure that robots are not yet intelligent enough to reconstruct how language has evolved? Johansson's far-reaching, authoritative, and research-based approach to language is brought to life through dozens of astonishing examples, both human and animal, in a fascinatingly erudite and entertaining volume for anyone who has ever contemplated not just why we speak the way we do, but why we speak at all.

Language TP \$32.99

Why the Germans

Do it Better:

Notes from a Grown-Up Country

Kampfner, John

Emerging from a collection of city states, 150 years ago, no other country has had as turbulent a history as Germany or enjoyed

so much prosperity in such a short time frame. Today, as much of the world succumbs to authoritarianism and democracy is undermined from its heart, Germany stands as a bulwark for decency and stability. Mixing personal journey and anecdote with compelling empirical evidence, this is a critical and entertaining exploration of the country many in the West still love to hate. Raising important questions for our post-Brexit landscape, Kampfner asks why, despite its faults, Germany has become a model for others to emulate, while Britain fails to tackle contemporary challenges. Part memoir, part history, part travelogue, *Why the Germans Do It Better* is a rich and witty portrait of an eternally fascinating country.

History/Travelogue PBK \$22.99

Quantum Computing:

How It Works and How It Could

Change the World

WIRED guides

Katwala, Amit

Quantum computing has been hailed as a technological gamechanger. But what precisely is it and what is its true potential? In this superbly insightful, one-stop guide, WIRED journalist Amit Katwala tells you everything you need to know about the next computer revolution. He explains the highly complex science that lies behind it. He describes the competing efforts of the likes of Google, Microsoft, and Chinese companies Tencent and Alibaba to create a viable quantum computer, and the different routes they have taken to meet the immense technical challenges involved. He considers the technology's potential application in spheres as diverse as medicine, cybersecurity and clean energy. And he addresses the fundamental question: how close we are to seeing quantum computers become a widespread reality.

Impact of technology PBK \$19.99

The Democracy of Species

Green Ideas 10

Kimmerer, Robin Wall

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. In *The Democracy of Species*, Robin Wall Kimmerer guides us towards a more reciprocal, grateful and joyful relationship with our animate earth, from the wild leeks in the field to the deer in the woods.

Conservation PBK \$9.99

Hot Money

Green Ideas 02

Klein, Naomi

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today.

Naomi Klein lays out the evidence that deregulated capitalism is waging war on the climate, and shows that, in order to stop the damage, we must change everything we think about how our world is run.

Conservation PBK \$9.99

AI 2041:

Ten Visions for Our Future

Lee, Kai-Fu & Qiufan, Chen

In this ground-breaking blend of imaginative storytelling and scientific forecasting, a pioneering AI expert and a leading writer of speculative fiction join forces to answer an imperative question: How will artificial intelligence change our world within twenty years? AI will be the defining development of the 21st century. Within two decades, aspects of daily human life will be unrecognisable. AI will generate unprecedented wealth, revolutionise medicine and education through human-machine symbiosis, and create brand new forms of communication and entertainment. In liberating us from routine work, however, AI will also challenge the organising principles of our economic and social order. Meanwhile, AI will bring new risks in the form of autonomous weapons and smart technology that inherits human bias. AI is at a tipping point, and people need to wake up – both to AI's radiant pathways and its existential perils for life as we know it. In this provocative, utterly original work of 'scientific fiction', Kai-Fu Lee, the former president of Google China and bestselling author of *AI Superpowers*, joins forces with celebrated novelist Chen Qiufan to imagine our world in 2041, and how it will be shaped by AI. In 10 gripping short stories, set twenty years in the future, they introduce readers to an array of eye-opening 2041 settings: in San Francisco, a new industry, 'job reallocation', arises to serve displaced workers; in Tokyo, a music fan is swept up in an immersive form of celebrity worship; in Mumbai, a teenage girl rebels when AI gets in the way of romance; in Seoul, virtual teachers offer orphaned twins new ways to learn and connect; in Munich, a rogue quantum computer scientist's revenge plot imperils the world. By gazing toward a not-so-distant horizon, *AI 2041* offers urgent insights into our collective future – while reminding readers that, ultimately, humankind remains the author of its destiny.

Impact of technology TP \$35.00

Think Like a Mountain

Green Ideas 20

Leopold, Aldo

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. In this lyrical meditation on the American wild lands, Leopold considers the different ways humans shape the natural landscape, and describes for the first time the far-reaching phenomenon now known as 'trophic cascades'.

Conservation PBK \$9.99

Pulp Fiction

Nonfiction September 2021 (continued)

We Belong to Gaia

Green Ideas 16

Lovelock, James

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. Here, James Lovelock draws on decades of wisdom to lay out the history of our remarkable planet, to show that it is not ours to be exploited – and warns us that it is fighting back.

Conservation PBK \$9.99

The World We Once Lived In

Green Ideas 12

Maathai, Wangari

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. From the Congo Basin to the traditions of the Kikuyu people, these lucid, incisive writings explore the sacred power of trees, and why humans lay waste to the forests that keep us alive.

Conservation PBK \$9.99

Life is Simple:

How Occam's Razor Set Science Free and Unlocked the Universe

McFadden, John Joe

Life is Simple highlights the role of simplicity in science, and in particular its favourite tool, Occam's razor. *Life is Simple* tells the remarkable story of how a thirteenth century monk's search for simplicity led to the emergence of the modern world. We begin in the turbulent times of the medieval friar, William of Occam, who first articulated the principle that the best answer to any problem is the simplest. This theory, known as Occam's razor, cut through the thickets of medieval metaphysics to clear a path for modern science. We follow the razor in the hands of the giants of science, from Copernicus, to Kepler, Galileo, Newton, Darwin, Einstein, Rubin, and Higgs. Its success suggests that we live in the simplest possible habitable universe and supports the revolutionary theory that our cosmos has evolved. By highlighting the very human passion, curiosity, mistakes and struggles of those who were inspired by Occam's razor to create the modern world, John Joe McFadden provides new insight into what science is really about. And that the principle of simplicity is as relevant today as ever.

Science/History TP \$34.99

An Idea Can Go Extinct

Green Ideas 05

McKibben, Bill

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven

the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. This is Bill McKibben's impassioned, ground-breaking account of how, by changing the earth's entire atmosphere, the weather and the most basic forces around us, 'we are ending nature'.

Conservation PBK \$9.99

A Field Guide to Larking **Maiklem, Lara**

To lark is to get out and about, to explore the world around us and to discover the little treasures hiding in plain sight. We think, of course, of mudlarking but there is also beachlarking, fieldlarking, or even simply exploring your own home with fresh eyes. In this beautiful field guide, Lara teaches us how to lark for ourselves. There are maps and charts, tips and lists, and colour illustrations throughout to help identify finds. From tide tables for mudlarkers to a flint guide for fieldlarkers, this book is richly informative and yet small enough to pop in a pocket. Like a journal it invites you to interact – to make notes and record finds along the way. If Lara Maiklem's first book – *Mudlarking* (PBK, \$22.99) – was a glimpse into a hidden world, with this field guide she shows us how we can discover it, for ourselves.

Archaeology PBK \$29.99

Mortals:

How the Fear of Death Shaped Human Society

Menzies, Rachel E & Ross G

Human society is shaped by many things, but underlying them all is one fundamental force – our fear of death. This is the ground-breaking theory explored in *Mortals*. The human mind can grapple with the future, visualising and calculating solutions to complex problems, giving us tremendous advantages over other species throughout our evolution. However, this capability comes with a curse. By five to 10 years of age, all humans know where they are heading: to the grave. In *Mortals*, Rachel Menzies and Ross Menzies, both acclaimed psychologists whose life's work has focused on death anxiety, examine all the major human responses to death across history. From the development of religious systems denying the finality of death, to 'immortality projects' involving enduring art, architecture and literature, some of the consequences of our fear of death have been glorious while others have been destructive, leading to global conflicts and genocide. Looking forward, *Mortals* hypothesises that worse could be to come – our unconscious dread of death has led to rampant consumerism and overpopulation, driving the global warming and pandemic crises that now threaten our very existence. In a terrible irony, *Homo sapiens* may ultimately be destroyed by our knowledge of our own mortality.

Psychology TP \$34.99

There's a War Going On **But No One Can See It** **Modderkolk, Huib**

Summer 2017: computer screens go blank in 150 countries. The NHS is so affected that hospitals can only take in patients for A&E.

Ambulances are grounded. Computer screens turn on spontaneously and warnings appear. Employees who desperately pull the plugs are too late. Restarting is pointless; the computers are locked. And now the attackers ask each victim for money. This is hijack software. It is just one example of how vulnerable the digital world has made us. Based on the cases he investigated over a period of six years, award-winning Dutch journalist Huib Modderkolk takes the reader on a tour of the corridors and back doors of the globalised digital world. He reconstructs British-American espionage operations and reveals how the power relationships between countries enable intelligence services to share and withhold data from each other. Looking at key players including Edward Snowden, Russian hackers Cosy Bear and Evgeniy Bogachev, 'the Pablo Escobar of the digital era', Modderkolk opens our eyes to the dark underbelly of the digital world with the narrative drive of a thriller.

Impact of technology TP \$29.99

This Can't be Happening

Green Ideas 04

Monbiot, George

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. In these galvanising speeches and essays, George Monbiot calls on humanity to stop averting its gaze from the destruction of the living planet, and wake up to the greatest predicament we have ever faced.

Conservation PBK \$9.99

All Art is Ecological

Green Ideas 03

Morton, Timothy

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. Provocative and playful, *All Art is Ecological* explores the strangeness of living in an age of mass extinction, and shows us that emotions and experience are the basis for a deep philosophical engagement with ecology.

Conservation PBK \$9.99

There is No Point **of No Return**

Green Ideas 18

Naess, Arne

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. Emphasising joy in the world, human cooperation and the value of all living things, this selection of Arne Naess' philosophical

writings is filled with wit, learning, and an intense connection with nature.

Conservation PBK \$9.99

How Your Brain Works:

Inside the Most Complicated Object in the Known Universe

Instant Expert

New Scientist

In *How Your Brain Works*, leading neuroscientists and *New Scientist* introduce the evolution and anatomy of the brain viewed through traits such as: memory, emotions, sleep, sensing and perception. *Ever wondered what's going on inside your head?* You are your brain. Everything that makes you, you, and all your experiences of the world, are somehow conjured up by 1.4 kilograms of grey matter inside your skull. That might seem impossible, but science has advanced so much that we now understand not just its structures and inner workings but also how it can give rise to perception, consciousness, emotions, memories, intelligence, sleep and more. *How Your Brain Works* explores the amazing world inside your head. Discover the evolution and anatomy of the brain. Learn how we can peer inside it and watch it at work, and how the latest technology can allow us to control our minds and those of others.

Science PBK \$22.99

The End of Money:

the Story of Bitcoin, Cryptocurrencies and the Blockchain Revolution

Instant Expert

New Scientist

The End of Money is an essential introduction to cryptocurrencies and the blockchain revolution which has been hailed as the greatest advancement, since the invention of the internet. *Murder for hire*. *Drug trafficking*. *Embezzlement*. *Money laundering*... These might sound like plot lines of a thriller, but they are true stories from the short history of cryptocurrencies – digital currencies conceived by computer hackers and cryptographers that represent a completely new sort of financial transaction that could soon become mainstream. The most famous – or infamous – cryptocurrency is bitcoin. But look beyond its tarnished reputation and something much shinier emerges. The technology that underlies bitcoin and other cryptocurrencies – the blockchain – is hailed as the greatest advancement since the invention of the internet. It is now moving away from being the backbone for a digital currency and making inroads into other core concepts of society: identity, ownership and even the rule of law. *The End of Money* is your essential introduction to this transformative new technology that has governments, entrepreneurs, and forward-thinking people from all walks of life sitting up and taking notice.

Economics PBK \$22.99

The Quantum World:

the Disturbing theory at the Heart of Reality

Instant Expert

New Scientist

In *The Quantum World*, leading physicists and *New Scientist* take you on a journey through quantum theory, its mind-bending properties and the technologies transforming

Pulp Fiction

Nonfiction September 2021 (continued)

our world. *Forget everything you thought you knew about reality.* The world is a seriously bizarre place. Things can exist in two places at once and travel backwards and forwards in time. Waves and particles are one and the same, and objects change their behaviour according to whether they are being watched. This is not some alternative universe but the realm of the very small, where quantum mechanics rules. In this weird world of atoms and their constituents, our common sense understanding of reality breaks down – yet, quantum mechanics has never failed an experimental test. What does it all mean? For all its weirdness, quantum mechanics has given us many practical technologies including lasers and the transistors that underlie computers and all digital technology. In the future, it promises computers more powerful than any built before, the ability to communicate with absolute privacy, and even quantum teleportation. *The Quantum World* explores the past, present and future of quantum science, its applications and mind-bending implications. Discover how ideas from quantum mechanics are percolating out into the vast scale of the cosmos – perhaps, in the future, to reveal a new understanding of the big bang and the nature of space and time.

Science PBK \$22.99

Where the Universe Came From:

How Einstein's Relativity Unlocks the Past, Present And Future of the Cosmos
Instant Expert

New Scientist

A little over a century ago, a young Albert Einstein presented his general theory of relativity to the world and utterly transformed our understanding of the universe.

In *Where the Universe Came From* leading cosmologists and *New Scientist* explain that we still have plenty of unfinished business with the cosmos. *How did it all begin?*

Where is it all going? A little over a century ago, a young Albert Einstein presented his general theory of relativity to the world and utterly transformed our understanding of the universe. His theory changed the way we think about space and time, revealed how our universe has been expanding from a hot dense state called the big bang and predicted black holes. *Where the Universe Came From* is a 13.8-billion-year journey through the cosmos. Discover how Einstein's work explains why the cosmos is the way it is, why 95% of the universe is missing, how physicists go to extraordinary lengths to unlock gravity's secrets and how black holes could hold the key to a theory of everything.

Science PBK \$22.99

Food Rules

Green Ideas 09

Pollan, Michael

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. *Food Rules*, Michael Pollan's wise and witty critique of the western industrialised diet, distils the wisdom of history and traditional

cultures to three simple rules: Eat food. Not too much. Mostly plants.

Conservation PBK \$9.99

Geniuses at War:

Bletchley Park, Colossus, and the Dawn of the Digital Age

Price, David A

The dramatic, untold story of the brilliant team whose feats of innovation and engineering created the world's first digital electronic computer – decrypting the Nazis' toughest code, helping bring an end to WWII, and ushering in the information age. Planning the invasion of Normandy, the Allies knew that decoding the communications of the Nazi high command was imperative for its success. But standing in their way was an encryption machine they called Tunny (British English for 'tuna'), which was vastly more difficult to crack than the infamous Enigma cipher. To surmount this seemingly impossible challenge, Alan Turing, the Enigma codebreaker, brought in a maverick English working-class engineer named Tommy Flowers who devised the ingenious, daring, and controversial plan to build a machine that would calculate at breathtaking speed and break the code in nearly real time. Together with the pioneering mathematician Max Newman, Flowers and his team produced – against the odds, the clock, and a resistant leadership – Colossus, the world's first digital electronic computer, the machine that would help bring the war to an end. Drawing upon recently declassified sources, David A Price's *Geniuses at War* tells, for the first time, the full mesmerising story of the great minds behind Colossus and chronicles the remarkable feats of engineering genius that marked the dawn of the digital age.

History/Science HC \$42.99

The Most Dammed Country in the World

Green Ideas 11

Qing, Dai

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. The courageous, unflinching speeches and writings collected here detail the devastating human and environmental cost of China's economic rise.

Conservation PBK \$9.99

Cubed: the Puzzle of Us All

Rubik, Erno

The story of the world's most iconic puzzle and its creator. As a child, Erno Rubik became obsessed with puzzles of all kinds. To him, they weren't just games – they were challenges that captured his imagination, creativity, and perseverance. Rubik's own puzzle went on to be solved by millions worldwide, becoming one of the bestselling toys of all time. In *Cubed*, he tells us the story of the unexpected and unprecedented rise of the Cube, for the very first time – and makes a case for why rediscovering our playfulness and inner curiosity holds the key to creative thinking.

Memoir PBK \$22.99

Red Roulette:

an Insider's Story of Wealth, Power, Corruption and Vengeance in Today's China

Shum, Desmond

As Desmond Shum was growing up impoverished, in China, he vowed his life would be different. Through hard work and sheer tenacity, he earned an American college degree and returned to his native country to establish himself in business. There, he met his future wife, the highly intelligent and equally ambitious Whitney Duan, who was determined to make her mark within China's male-dominated society. Whitney and Desmond formed an effective team and, aided by relationships they formed with top members of China's Communist Party, the so-called red aristocracy, he vaulted into China's billionaire class. Soon they were developing the massive air cargo facility at Beijing International Airport, and they followed that feat with the creation of one of Beijing's premier hotels. They were dazzlingly successful, travelling in private jets, funding multimillion-dollar buildings and endowments, and purchasing expensive homes, vehicles, and art. But, in 2017, their fates diverged irrevocably when Desmond, while residing overseas with his son, learned that his now ex-wife Whitney had vanished, along with three co-workers. This is both Desmond's story and Whitney's, because she has not been able to tell it herself.

International relations TP \$32.99

Tools and Weapons:

the Promise and the Peril of the Digital Age

Smith, Brad & Browne, Carol Ann

Microsoft President Brad Smith operates by a simple core belief: when your technology changes the world, you bear a responsibility to help address the world you have helped create. This might seem uncontroversial, but it flies in the face of a tech sector long obsessed with rapid growth and sometimes on disruption as an end, in itself. While sweeping digital transformation holds great promise, we have reached an inflection point. The world has turned information technology into both a powerful tool and a formidable weapon, and new approaches are needed to manage an era defined by even more powerful inventions like artificial intelligence. Companies that create technology must accept greater responsibility for the future, and governments will need to regulate technology by moving faster and catching up with the pace of innovation. In *Tools and Weapons*, Brad Smith and Carol Ann Browne bring us a captivating narrative from the cockpit of one of the world's largest and most powerful tech companies as it finds itself in the middle of some of the thorniest emerging issues of our time. These are challenges that come with no pre-existing playbook, including privacy, cybercrime and cyberwar, social media, the moral conundrums of artificial intelligence, big tech's relationship to inequality, and the challenges for democracy, far and near. While in no way a self-glorifying 'Microsoft memoir', the book pulls back the curtain remarkably wide onto some of the company's most crucial recent decision points as it strives to protect the hopes technology offers against the very real threats it also presents. There are huge ramifications for

communities and countries, and Brad Smith provides a thoughtful and urgent contribution to that effort.

Impact of technology PBK \$22.99

The White Ship:

Conquest, Anarchy and the Wrecking of Henry I's Dream

Spencer, Charles

The sinking of the *White Ship* on 25 November 1120 is one of the greatest disasters that England has ever suffered. Its repercussions would change English and European history for ever. King Henry I was sailing for England in triumph after four years of fighting the French. Congregating with the king at the port of Barfleur on that freezing night was the cream of Anglo-Norman society, including the only legitimate heir to the throne. By 1120, Henry was the most formidable ruler in Europe with an enviable record on the battlefield, immense lands and wealth and unprecedented authority in his kingdoms. Everything he had worked for was finally achieved, and he was ready to hand it on to his beloved son, William Ætheling. Henry I and his retinue set out first. The *White Ship* – considered the fastest afloat – would follow, carrying the young prince. Spoilt and arrogant, William had plied his comrades and crew with drink from the minute he stepped aboard. It was the middle of the night when the drunken helmsman rammed the ship into rocks. There would be only one survivor from the gilded roll call of passengers... Charles Spencer evokes this tragic and brutal story of the Normans from Conquest to Anarchy. With the heir dead, a civil war of untold violence erupted, a game of thrones which saw families turn in on each other with English and Norman barons, rebellious Welsh princes and the Scottish king all playing a part in a bloody, desperate scrum for power.

History PBK \$24.99

A Brief History of Motion:

from the Wheel to the Car to What Comes Next

Standage, Tom

Beginning around 3,500 BC with the wheel, and moving through the eras of horsepower, trains and bicycles, Tom Standage puts the rise of the car – and the future of urban transport – into a broader historical context. Our society has been shaped by the car in innumerable ways, many of which are so familiar that we no longer notice them. Why does red mean stop, and green mean go? Why do some countries drive on the left, and some on the right? How did cars, introduced only a little over a century ago, change the way the world was administered, laid out and policed, along with experiences like eating and shopping? And what might travel in a post-car world look like? As social transformations from ridesharing to the global pandemic force us to critically re-examine our relationship with personal transportation, *A Brief History of Motion* is an essential contribution to our understanding of how the modern world came to be.

History TP \$29.99

Pulp Fiction

Nonfiction September 2021 (continued)

No One is Too Small to Make a Difference

Green Ideas 01

Thunberg, Greta

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. *No One is Too Small to Make a Difference* collects Greta Thunberg's history-making speeches, from addresses at climate rallies around the world to audiences at the UN, the World Economic Forum, and the British Parliament.

Conservation PBK \$9.99

Shutdown:

How Covid Shook the World's Economy

Tooze, Adam

A short, high-speed history of how COVID-19 ravaged the global economy, and where it leaves us, now. When the news first began to trickle out of China about a new virus in December 2019, risk-averse financial markets were alert to its potential for disruption. Yet they could never have predicted the total economic collapse that would follow in COVID-19's wake, as stock markets fell faster and harder than at any time since 1929, currencies across the world plunged, investors panicked, and even gold was sold. In a matter of weeks, the world's economy was brought to an abrupt halt by governments trying to contain a spiralling public health catastrophe. Flights were grounded; supply chains broken; industries from tourism to oil to hospitality collapsed overnight, leaving hundreds of millions of people unemployed. Central banks responded with unprecedented interventions, just to keep their economies on life support. For the first time since the second world war, the entire global economic system contracted. This book tells the story of that shutdown. We do not yet know how this story ends, or what new world we will find on the other side. In this fast-paced, compelling and at times shocking analysis, Adam Tooze surveys the wreckage, and looks at where we might be headed next.

Economics TP \$35.00

Defiant:

the Untold Story of the Battle of Britain

Verkaik, Robert

In this startling new perspective on the Battle of Britain, Robert Verkaik reveals the surprising truth about the battle's forgotten fighter, the Boulton Paul Defiant. The crucial role played by the Spitfire and the Hurricane has been exhaustively recorded, but, to date, next to nothing has been written about the third British fighter which took part in the

battle. By writing from the unique perspective of the pilots who flew the Defiant and their air-gunners, Verkaik helps to set the record straight. The Air Staff regarded the Defiant as a state-of-the-art bomber destroyer and wanted to equip a third of all Fighter Command squadrons with this new plane. But the head of Fighter Command, Hugh Dowding, had other ideas and went to war with Whitehall over its plan to saddle him with hundreds of 'obsolete' turret fighters. Then at Dunkirk, a Defiant squadron scored a huge success against the Luftwaffe by shooting down more German planes in one day than any other RAF unit before or since. Fighter Command, enthusiastically urged on by the Air Ministry, now committed its third fighter to the coming air battle over southern England. In the desperate dogfights of the battle, Defiants shot down both German bombers and fighters but suffered heavy losses too – one squadron was almost wiped out when it was ambushed by a superior force of Messerschmitt 109s. On 30 August 1940 all Defiant squadrons were withdrawn from the front line. The families of the Defiant air crews believed that their husbands, brothers and sons had died in vain, but the truth is that their vital contribution to the battle over Dunkirk and their role in the Battle of Britain has been all but erased from the official history. The story of the Defiant has not been allowed to mar the glorious victory won by the Spitfire and the Hurricane.

Aviation history PBK \$22.99

Cryptocurrency:

How Digital Money Could Transform Finance
WIRED guides

Volpicelli, Gian

The past decade has seen the relentless rise of cryptocurrency as an alternative form of digital currency. But what precisely is it, and what potential does it have to change the world of money? In this brilliantly clear, one-stop guide, *WIRED* Senior Editor Gian Volpicelli explains everything you need to know about cryptocurrency. He outlines its development and describes precisely how it operates. He demystifies the jargon it has spawned, from blockchain, Bitcoin and stablecoins to mining, smart contracts and forking. He looks at the political and economic ideologies that drive it. And he addresses the central question: will cryptocurrency have the transformative economic and social impact that its champions claim for it?

Economics PBK \$19.99

Recovery:

How we can create a better, brighter future after a crisis

Wear, Andrew

We have recovered from many crises in the past: war, depression, pandemic, natural disaster. Often, we've bounced back from

these challenges to build an even better future. The Spanish Flu was followed by the economic prosperity of the Roaring Twenties. In the decades following World War II, the German and Japanese economies grew into the world's most advanced. In the USA, the social and economic policies responding to the Great Depression laid the foundations for twentieth century prosperity. As we contemplate recovery from the current health and economic crisis while confronting the climate emergency head on, what can we learn from other recoveries? Through interviews with experts, policymakers and community leaders, this book examines past recoveries and investigates implications for the future. It explores what went well, what we should do differently and what the implications might be for the recovery ahead of us. With governments prepared to lead, listen to expert advice and involve communities in decision making, not only is a successful recovery possible, we can also choose to re-evaluate many of the things that we thought were fixed. The COVID-19 crisis gives us a once-in-a-generation opportunity to build back better.

Society and culture TP \$29.99

Space 2069:

After Apollo – Back to the Moon, to Mars, and Beyond

Whitehouse, David

A hundred years on from the first Moon landing, where will space exploration have taken us? Nearing half a century since the last Apollo mission, mankind has yet to return to the Moon, but that is about to change. With NASA's Artemis program scheduled for this decade, astronomer David Whitehouse takes a timely look at what the next 50 years of space exploration have in store. The thirteenth man and the first woman to walk on the Moon will be the first to explore the lunar south pole – the prime site for a future Moon base thanks to its near-perpetual sunlight and the presence of nearby ice. The first crewed mission to Mars will briefly orbit the red planet in 2039, preparing the way for a future landing mission. Surviving the round trip will be the greatest challenge any astronaut has yet faced. In the 2050s, a lander will descend to the frozen surface of Jupiter's moon Europa and attempt to drill down to its subsurface ocean in search of life. Based on real-world information, up-to-date scientific findings and a healthy dose of realism, *Space 2069* is a mind-expanding tour of humanity's future in space over the next 50 years.

Science/Future history PBK \$22.99

The Clan of

One-Breasted Women

Green Ideas 08

Williams, Terry Tempest

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon

has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. *The Clan of One-Breasted Women*, brings together the best of writer and activist Terry Tempest Williams' essays, explores the impact of nuclear testing, the importance of environmental legislation, and the spirit of conservation.

Conservation PBK \$9.99

Every Species is a Masterpiece

Green Ideas 14

Wilson, Edward O

In 20 short books, Penguin Classics brings you the new canon of great environmental works. Over the past 75 years, a new canon has emerged. As humans have driven the living planet to the brink of collapse, visionary thinkers around the world have raised their voices to defend it. Their words have endured, becoming the classics that define the environmental movement today. This book brings together some of Wilson's most profound and significant writings on the rich diversity of life on Earth, our place in it, and our obligation to conserve the planet's fragile ecosystems.

Conservation PBK \$9.99

The Aristocracy of Talent:

How Meritocracy Made the Modern World

Woodridge, Adrian

The surprising history of an inspiring and, sometimes, dangerous idea. Meritocracy: the idea that people should be advanced according to their talents rather than their status at birth. For much of history this was a revolutionary thought, but by the end of the twentieth century it had become the world's ruling ideology. How did this happen, and why is meritocracy now under attack from both right and left? Adrian Woodridge traces the history of meritocracy forged by the politicians and officials who introduced the revolutionary principle of open competition, the psychologists who devised methods for measuring natural mental abilities and the educationalists who built ladders of educational opportunity. He looks outside western cultures and shows what transformative effects it has had everywhere it has been adopted, especially once women were brought into the meritocratic system. Woodridge also shows how meritocracy has now become corrupted and argues that the recent stalling of social mobility is the result of failure to complete the meritocratic revolution. Rather than abandoning meritocracy, he says, we should call for its renewal.

History/Society and culture HC \$55.00