
1491: new revelations of the Americas before Columbus

Type Book
Author Charles C. Mann
Date 2006
Language en
Short Title 1491
Library Catalog Panel on Planetary Thinking
Call Number 009 NF 8580 M281 (2)
Place New York
Publisher Vintage
ISBN 978-1-4000-3205-1
Edition 1st Vintage Books ed
of Pages 541
Date Added 1/15/2023, 5:58:01 PM
Modified 1/18/2023, 3:36:41 PM

Tags:

Origin, Antiquities, America, Indians, HISTORY

Notes:

"With new afterword"--Cover

1493: uncovering the new world Columbus created

Type Book
Author Charles C. Mann
Abstract "From the author of 1491--the best-selling study of the pre-Columbian Americas--a deeply engaging new history that explores the most momentous biological event since the death of the dinosaurs. More than 200 million years ago, geological forces split apart the continents. Isolated from each other, the two halves of the world developed totally different suites of plants and animals. Columbus's voyages brought them back together--and marked the beginning of an extraordinary exchange of flora and fauna between Eurasia and the Americas. As Charles Mann shows, this global ecological tumult--the "Columbian Exchange"--underlies much of subsequent human history. Presenting the latest generation of research by scientists, Mann shows how the creation of this worldwide network of exchange fostered the rise of Europe, devastated imperial China, convulsed Africa, and for two centuries made Manila and Mexico City-- where Asia, Europe, and the new frontier of the Americas dynamically interacted--the center of the world. In 1493, Charles Mann gives us an eye-opening scientific interpretation of our past, unequaled in its authority and fascination"--

Date 2012
Language en
Short Title 1493
Library Catalog Panel on Planetary Thinking
Call Number 009 NN 1698 M281
Place New York
Publisher Vintage Books
ISBN 978-0-307-27824-1
Edition 1st Vintage Books ed
of Pages 690
Date Added 1/15/2023, 6:00:39 PM
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Tags:

Agriculture, Ecology, America, Columbus, Christopher, Commerce, Discovery and exploration
Economic aspects, Discovery and exploration Environmental aspects, Economic history, History,
Modern, Industrial revolution, Influence, Slave trade, HISTORY

A natural history of the future: what the laws of biology tell us about the destiny of the human species

Type Book
Author Rob R. Dunn
Abstract Our species has amassed unprecedented knowledge of nature, which we have tried to use to seize control of life and bend the planet to our will. In *A Natural History of the Future*, biologist Rob Dunn argues that such efforts are futile. We may see ourselves as life's overlords, but we are instead at its mercy. In the evolution of antibiotic resistance, the power of natural selection to create biodiversity, and even the surprising life of the London Underground, Dunn finds laws of life that no human activity can annul. When we create artificial islands of crops, dump toxic waste, or build communities, we provide new materials for old laws to shape. Life's future flourishing is not in question. Ours is. As ambitious as Edward Wilson's *Sociobiology* and as timely as Elizabeth Kolbert's *The Sixth Extinction*, *A Natural History of the Future* sets a new standard for understanding the diversity and destiny of life itself.

Date 2022
Language en
Short Title A natural history of the future
Library Catalog Panel on Planetary Thinking
Call Number 009 WB 4000 D923
Place London
Publisher Basic Books

ISBN 978-1-399-80012-9 978-1-399-80014-3

of Pages 306

Date Added 1/15/2023, 6:05:34 PM

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Tags:

Evolutionary Biology, Future, HISTORY

Anfänge: eine neue Geschichte der Menschheit

Type Book

Author David Graeber

Author David Wengrow

Translator Henning Dedekind

Translator Helmut Dierlamm

Translator Andreas Thomsen

Date 2022

Language de

Short Title Anfänge

Library Catalog Panel on Planetary Thinking

Call Number 009 MR 5750 G734 A579

Place Stuttgart

Publisher Klett-Cotta

ISBN 978-3-608-98508-5

Edition Dritte Auflage

of Pages 667

Date Added 1/15/2023, 5:54:05 PM

Modified 3/21/2023, 1:01:51 PM

Tags:

Archaeology, Anthropology, Human History, HISTORY

Climate in motion: science, empire, and the problem of scale

Type Book

Author Deborah R. Coen

Abstract Today, predicting the impact of human activities on the earth's climate hinges on tracking interactions among phenomena of radically different dimensions, from the molecular to the planetary. Climate in Motion shows that this multiscale, multicausal framework emerged well before computers and satellites. Extending the history of modern climate science back into the nineteenth century, Deborah R.

Coen uncovers its roots in the politics of empire-building in central and eastern Europe. She argues that essential elements of the modern understanding of climate arose as a means of thinking across scales in a state—the multinational Habsburg Monarchy, a patchwork of medieval kingdoms and modern laws—where such thinking was a political imperative. Led by Julius Hann in Vienna, Habsburg scientists were the first to investigate precisely how local winds and storms might be related to the general circulation of the earth's atmosphere as a whole. Linking Habsburg climatology to the political and artistic experiments of late imperial Austria, Coen grounds the seemingly esoteric science of the atmosphere in the everyday experiences of an earlier era of globalization. *Climate in Motion* presents the history of modern climate science as a history of “scaling”—that is, the embodied work of moving between different frameworks for measuring the world. In this way, it offers a critical historical perspective on the concepts of scale that structure thinking about the climate crisis today and the range of possibilities for responding to it.

Date 2020

Language en

Short Title Climate in motion

Library Catalog Panel on Planetary Thinking

Call Number 009 MS 9000 C672

Place Chicago

Publisher The University of Chicago Press

ISBN 978-0-226-75233-4

Edition Paperback edition

of Pages 425

Date Added 1/15/2023, 5:51:23 PM

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Tags:

History of Earth Science, Climate History, European History, Meteorology, HISTORY

Notes:

Originally published: 2018 Includes bibliographical references and index

Decolonizing "prehistory": deep time and indigenous knowledges in North America

Type Book

Editor Gesa Mackenthun

Editor Christen Mucher

Abstract "Decolonizing "Prehistory" critically examines and challenges the paradoxical role that modern historical-archaeological scholarship plays in adding legitimacy to, but also delegitimizing, contemporary colonialist practices. Using an interdisciplinary

approach, this volume empowers Indigenous voices and offers a nuanced understanding of the American deep past. "--

Date 2021
Language en
Short Title Decolonizing "prehistory"
Library Catalog Panel on Planetary Thinking
Call Number 009 NK 4590 M155
Place Tucson
Publisher The University of Arizona Press
ISBN 978-0-8165-4229-1
Series Archaeology of indigenous-colonial interactions in the Americas
of Pages 271
Date Added 1/15/2023, 5:59:02 PM
Modified 1/18/2023, 3:37:05 PM

Tags:

North America, Historiography, Indians of North America, Archaeology and history, Nationalism and historiography, HISTORY

Geomythology: how common stories are related to earth events

Type Book
Author Timothy J. Burbery
Abstract "Gold-guarding griffins, Cyclopes, killer lakes, man-eating birds, and "fire devils" from the sky-such wonders have long been dismissed as fictional. Now, thanks to the richly interdisciplinary field of geomythology, researchers are taking a second look. It turns out that these and similar tales, which originated in pre-literate societies, contain surprisingly accurate, pre-scientific intuitions about startling or catastrophic earth-based phenomena such as volcanoes, earthquakes, tsunamis, and the unearthing of bizarre animal bones. Geomythology: How Common Myths are Related to Earth Events provides an accessible, engaging overview of this hybrid discipline. The introduction surveys geomythology's remarkable history and its core concepts, while the second and third chapters analyze the geomythical resonances of universal earth tales such as dragons and giants. Chapter 4 narrows the focus to regional stories and discusses the ways these and other myths have influenced stories about griffins, cyclopes, and other iconic creatures. The final chapter considers future avenues of research in geomythology, including geohazard management, geomythology databases, geomythical "cold cases," and ways the discipline might eventually set, rather than merely support, research agendas in science. The book thus constitutes a valuable asset for scientists and lay readers alike, particularly in a time of growing interest in monsters, massive climate change, and natural disasters"--
Date 2022
Language en

Short Title Geomythology
Library Catalog Panel on Planetary Thinking
Call Number 009 EC 5410 B946
Place New York, N.Y
Publisher Routledge
ISBN 978-1-00-040777-8 978-1-00-314932-3
Series Routledge focus on literature
of Pages 109
Date Added 1/15/2023, 5:43:57 PM
Modified 1/18/2023, 3:37:13 PM

Tags:

Literature, Animals, Mythical, Geomythology, HISTORY

Notes:

Introduction : what is geomythology? -- Universal geomyths, part 1 -- Universal geomyths, part II -- Regional geomyths -- The futures of geomythology

Legends of the earth: their geologic origins

Type Book
Author Dorothy B. Vitaliano
Date 1973
Language en
Short Title Legends of the earth
Library Catalog Panel on Planetary Thinking
Call Number 009 LC 51000 V836
Place Bloomington
Publisher Indiana University Press
ISBN 978-0-253-14750-9
of Pages 305
Date Added 1/15/2023, 5:49:34 PM
Modified 1/18/2023, 3:37:16 PM

Tags:

Geology, Folklore, HISTORY

Lose your mother: a journey along the Atlantic slave route

Type Book
Author Saidiya V. Hartman
Abstract Traces the history of the Atlantic slave trade by recounting a journey the author took along a slave route in Ghana, vividly dramatizing the effects of slavery on three centuries of African and African-American history
Date 2021
Language en
Short Title Lose your mother
Library Catalog Panel on Planetary Thinking
Call Number 009 NW 8295 H333 L879
Place London
Publisher Serpent's Tail
ISBN 978-1-78816-814-4
Edition First published in Great Britain
of Pages 270
Date Added 1/15/2023, 6:09:46 PM
Modified 1/18/2023, 3:37:19 PM

Tags:

African American women, African American History, HISTORY

Mountain Dialogues from Antiquity to Modernity

Type Book
Editor Dawn Hollis
Editor Jason König
Abstract Throughout the longue durée of Western culture, how have people represented mountains as landscapes of the imagination and as places of real experience? In what ways has human understanding of mountains changed – or stayed the same? *Mountain Dialogues from Antiquity to Modernity* opens up a new conversation between ancient and modern engagements with mountains. It highlights the ongoing relevance of ancient understandings of mountain environments to the postclassical and present-day world, while also suggesting ways in which modern approaches to landscape can generate new questions about premodern responses. It brings together experts from across many different disciplines and periods, offering case studies on topics ranging from classical Greek drama to Renaissance art, and from early modern natural philosophy to nineteenth-century travel writing. Throughout, essays engage with key themes of temporality, knowledge, identity, and experience in the mountain landscape. As a whole, the volume suggests that modern responses to mountains participate in rhetorical and experiential patterns that stretch right back to the ancient Mediterranean. It also makes the case for collaborative, cross-period research as a route both for understanding human relations with the natural world in the past, and informing them in the present.
Date 2022

Language en
Library Catalog Panel on Planetary Thinking
Call Number 009 EC 5410 H742
Extra OCLC: 1286312471
Place S.l.
Publisher BLOOMSBURY
ISBN 978-1-350-19410-6
Series Ancient Environments
of Pages 255
Date Added 3/1/2023, 5:56:23 PM
Modified 3/1/2023, 5:59:56 PM

Tags:

Environment, Literary Studies, Art, History of Earth, HISTORY, Mountains, Natural Philosophy

Original sin: power, technology and war in outer space

Type Book
Author Bleddyn E. Bowen
Abstract Space technology was developed to enhance the killing power of the state. The Moon landings and the launch of the Space Shuttle were mere sideshows, drawing public attention away from the real goal: military and economic control of space as a source of power on Earth. Today, as Bleddyn E. Bowen vividly recounts, thousands of satellites work silently in the background to provide essential military, intelligence and economic capabilities. No major power can do without them. Beyond Washington, Moscow and Beijing, truly global technologies have evolved, from the ground floor of the nuclear missile revolution to today's orbital battlefield, shaping the wars to come. World powers including India, Japan and Europe are fully realising the strategic benefits of commanding Earth's 'cosmic coastline', as a stage for war, development and prestige. Yet, as new contenders spend more and more on outer space, there is scope for cautious optimism about the future of the Space Age—if we can recognise, rather than hide, its original sin
Date 2022
Language en
Short Title Original sin
Library Catalog Panel on Planetary Thinking
Call Number 009 ZO 8000 B786
Place London
Publisher Hurst & Company
ISBN 978-1-78738-777-5
of Pages 445
Date Added 1/15/2023, 6:11:58 PM
Modified 1/18/2023, 3:37:22 PM

Tags:

Outer Space, History of Technology, History of Space Exploration, Space Technology, HISTORY

Notes:

Literaturverzeichnis: Seite 385-415, Register

Planetarische Perspektiven: Raumbilder im Zeitalter der frühen Globalisierung

Type Book

Author Christoph Asendorf

Abstract Globalisierung ist nicht zu trennen von einem veränderten Umgang mit Raum. An der Kunst- und Kulturgeschichte der frühen Neuzeit soll gezeigt werden, wie sich damit das gewohnte Gefüge auflöst und ganz neue Raumbilder entstehen. Das betrifft nicht nur Handlungsreichweiten, sondern überhaupt die Massstäbe, Anschauungen und Begriffe von Räumen. Untersuchungszeitraum sind die Jahre zwischen 1500 und 1850, in denen die Grundformen des heutigen Weltsystems entstehen. Der Wandel der Raumbilder lässt sich auf mehreren Ebenen beobachten. Neue theoretische wie gestalterische Zugriffsweisen zeigen sich in Malerei, Architektur und Städtebau ebenso wie bei der Durchformung von Landschaften oder den Modellen der Kosmologie ? und darüber hinaus in der Praxis der Politik wie bei den ständig weiterentwickelten Verkehrs- und Kommunikationstechnologien. Mit der Vielzahl neuartiger Raumbilder verändern sich auch die allgemeinen Vorstellungen von Räumlichkeit. Die Kunst und Kulturgeschichte wird, so gelesen, zur Raumgeschichte, zu der von nun an planetarische Perspektiven gehören

Date 2017

Language de

Short Title Planetarische Perspektiven

Library Catalog Panel on Planetary Thinking

Call Number 009 NK 4920 A816

Extra OCLC: ocn982808898

Place Paderborn

Publisher Wilhelm Fink

ISBN 978-3-7705-6123-0

of Pages 498

Date Added 1/15/2023, 5:59:56 PM

Modified 1/18/2023, 3:37:26 PM

Tags:

Science, Art, Modern, Art and globalization, Space (Architecture), Space (Art), HISTORY

Scars on the land: an environmental history of slavery in the American South

Type Book

Author David Silkenat

Abstract They worked Virginia's tobacco fields, South Carolina's rice marshes, and the Black Belt's cotton plantations. Wherever they lived, enslaved people found their lives indelibly shaped by the Southern environment. By day, they plucked worms and insects from the crops, trod barefoot in the mud as they hoed rice fields, and endured the sun and humidity as they planted and harvested the fields. By night, they clandestinely took to the woods and swamps to trap opossums and turtles, to visit relatives living on adjacent plantations, and at times to escape slave patrols and escape to freedom. *Scars on the Land* is the first comprehensive history of American slavery to examine how the environment fundamentally formed enslaved people's lives and how slavery remade the Southern landscape. Over two centuries, from the establishment of slavery in the Chesapeake to the Civil War, one simple calculation had profound consequences: rather than measuring productivity based on outputs per acre, Southern planters sought to maximize how much labor they could extract from their enslaved workforce. They saw the landscape as disposable, relocating to more fertile prospects once they had leached the soils and cut down the forests. On the leading edge of the frontier, slavery laid waste to fragile ecosystems, draining swamps, clearing forests to plant crops and fuel steamships, and introducing devastating invasive species. On its trailing edge, slavery left eroded hillsides, rivers clogged with sterile soil, and the extinction of native species. While environmental destruction fueled slavery's expansion, no environment could long survive intensive slave labor. The scars manifested themselves in different ways, but the land too fell victim to the slave owner's lash. Although typically treated separately, slavery and the environment naturally intersect in complex and powerful ways, leaving lasting effects from the period of emancipation through modern-day reckonings with racial justice.

Date 2022

Language en

Short Title Scars on the land

Library Catalog Panel on Planetary Thinking

Call Number 009 LB 50610 S583

Place New York

Publisher Oxford University Press

ISBN 978-0-19-756422-6

of Pages 261

Date Added 1/15/2023, 5:47:46 PM

Modified 1/18/2023, 3:37:29 PM

Tags:

Environmental History, African American History, Southern US History, HISTORY

The dancing universe: from creation myths to the big bang

Type Book

Author Marcelo Gleiser

Abstract [In this book, the author] traces mystical, philosophical, and scientific ideas about the cosmos through the past twenty-five centuries, from the ancient creation myths of numerous cultures to contemporary theories about an ever-expanding universe. He also explores the lives and ideas of history's greatest scientists, including Copernicus, Galileo, Kepler, Newton, and Einstein. By exploring how scientists have unlocked the secrets of gravity, matter, time, and space, [he] offers fresh perspective on the debate between science and faith.-

Date 2008

Language eng

Short Title The dancing universe

Library Catalog Panel on Planetary Thinking

Call Number 009 US 2000 G557

Extra OCLC: 231773683

Place Princeton, N.J.

Publisher Recording for the Blind & Dyslexic

of Pages 338

Date Added 1/15/2023, 6:04:04 PM

Modified 1/18/2023, 3:37:32 PM

Tags:

History of Science, Popular Science, History of the Cosmos, HISTORY

The environmental humanities and the ancient world: questions and perspectives

Type Book

Author Christopher Schliephake

Abstract What can a study of antiquity contribute to the interdisciplinary paradigm of the environmental humanities? And how does this recent paradigm influence the way we perceive human-'nature' interactions in pre-modernity? By asking these and a number of related questions, this Element aims to show why the ancient tradition still matters in the Anthropocene. Offering new perspectives to think about what directions the ecological turn could take in classical studies, it revisits old material, including ancient Greek religion and mythology, with central concepts of contemporary environmental theory. It also critically engages with forms of classical reception in current debates, arguing that ancient ecological knowledge is a powerful resource for creating alternative world views.

Date 2020

Language en

Short Title The environmental humanities and the ancient world
Library Catalog Panel on Planetary Thinking
Call Number 009 AR 14000 S344
Place Cambridge
Publisher Cambridge University Press
ISBN 978-1-108-74904-6
Series Cambridge elements in environmental humanities
of Pages 68
Date Added 1/15/2023, 5:42:19 PM
Modified 1/18/2023, 3:37:35 PM

Tags:

Environmental Humanities, Literary Theory, HISTORY

The life of permafrost: a history of frozen earth in Russian and Soviet science

Type Book

Author Pey-Yi Chu

Abstract "In the Anthropocene, the thawing of frozen earth due to global warming has drawn worldwide attention to permafrost. Contemporary scientists define permafrost as ground that maintains a negative temperature for at least two years. But where did this particular conception of permafrost originate, and what alternatives existed? The Life of Permafrost provides an intellectual history of permafrost, placing the phenomenon squarely in the political, social, and material context of Russian and Soviet science. Pey-Yi Chu shows that understandings of frozen earth were shaped by two key experiences in the Russian Empire and the Soviet Union. On one hand, the colonization and industrialization of Siberia nourished an engineering perspective on frozen earth that viewed the phenomenon as an aggregate physical structure: ground. On the other, a Russian and Soviet tradition of systems thinking encouraged approaching frozen earth as a process, condition, and space tied to planetary exchanges of energy and matter. Aided by the US militarization of the Arctic during the Cold War, the engineering view of frozen earth as an obstacle to construction became dominant. The Life of Permafrost tells the fascinating story of how permafrost came to acquire life as Russian and Soviet scientists studied, named, and defined it."--

Date 2020

Language en

Short Title The life of permafrost

Library Catalog Panel on Planetary Thinking

Call Number 009 RQ 10268 C559

Place Toronto ; Buffalo ; London

Publisher University of Toronto Press

ISBN 978-1-4875-0193-8

of Pages 288

Date Added 1/15/2023, 6:01:15 PM**Modified** 1/18/2023, 3:37:39 PM**Tags:**

History of Science, Research History, Frozen ground, Permafrost, Russia, Soviet Union, HISTORY

Notes:

Introduction: historicizing permafrost -- Mapping -- Building -- Defining -- Adapting -- Translating --
 Epilogue: resurrecting

The nutmeg's curse: parables for a planet in crisis

Type Book**Author** Amitav Ghosh

Abstract A powerful work of history, essay, testimony, and polemic, Amitav Ghosh's new book traces our contemporary planetary crisis back to the discovery of the New World and the sea route to the Indian Ocean. *The Nutmeg's Curse* argues that the dynamics of climate change today are rooted in a centuries-old geopolitical order constructed by Western colonialism. At the center of Ghosh's narrative is the now-ubiquitous spice nutmeg. The history of the nutmeg is one of conquest and exploitation—of both human life and the natural environment. In Ghosh's hands, the story of the nutmeg becomes a parable for our environmental crisis, revealing the ways human history has always been entangled with earthly materials such as spices, tea, sugarcane, opium, and fossil fuels. Our crisis, he shows, is ultimately the result of a mechanistic view of the earth, where nature exists only as a resource for humans to use for our own ends, rather than a force of its own, full of agency and meaning. Writing against the backdrop of the global pandemic and the Black Lives Matter protests, Ghosh frames these historical stories in a way that connects our shared colonial histories with the deep inequality we see around us today. By interweaving discussions on everything from the global history of the oil trade to the migrant crisis and the animist spirituality of Indigenous communities around the world, *The Nutmeg's Curse* offers a sharp critique of Western society and speaks to the profoundly remarkable ways in which human history is shaped by non-human forces.

Date 2021**Language** en**Short Title** The nutmeg's curse**Library Catalog** Panel on Planetary Thinking**Call Number** 009 HQ 6460 N97 2021**Place** London**Publisher** John Murray**ISBN** 978-1-5293-6945-8 978-1-5293-6943-4**# of Pages** 339**Date Added** 1/15/2023, 5:45:38 PM

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Tags:

Environmental Geography, Environmental History, General Criticism and Critical Theory, Political and Social Theory, HISTORY

The Rise and Fall of the Dinosaurs: The Untold Story of a Lost World

Type Book

Author Stephen L. Brusatte

Abstract 66 million years ago the dinosaurs were wiped from the face of the earth. Today, Dr. Steve Brusatte, one of the leading scientists of a new generation of dinosaur hunters, armed with cutting edge technology, is piecing together the complete story of how the dinosaurs ruled the earth for 150 million years. The world of the dinosaurs has fascinated on book and screen for decades – from early science fiction classics like *The Lost World*, to *Godzilla* terrorizing the streets of Tokyo, and the monsters of *Jurassic Park*. But what if we got it wrong? In *The Rise and Fall of the Dinosaurs*, top dinosaur expert Brusatte, tells the real story of how dinosaurs rose to dominate the planet. Using the fossil clues that have been gathered using state of the art technology, Brusatte follows these magnificent creatures from their beginnings in the Early Triassic period, through the Jurassic period to their final days in the Cretaceous and the legacy that they left behind. Along the way, Brusatte introduces us to modern day dinosaur hunters and gives an insight into what it's like to be a paleontologist. *The Rise and Fall of the Dinosaurs* is full of thrilling accounts of some of his personal discoveries, including primitive human-sized tyrannosaurs, monstrous carnivores even larger than *T. rex*, and feathered raptor dinosaurs preserved in lava from China. At a time when *Homo sapiens* has existed for less than 200,000 years and we are already talking about planetary extinction, *The Rise and Fall of the Dinosaurs* is a timely reminder of what humans can learn from the magnificent creatures who ruled the earth before us.

Date 2019

Language en

Short Title The Rise and Fall of the Dinosaurs

Library Catalog Panel on Planetary Thinking

Call Number 009 TW 6500 B912

Place London

Publisher Picador, an imprint of Pan Macmillan

ISBN 978-1-5098-3009-1

Edition Paperback edition

of Pages 404

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Tags:

Paleontology, Dinosaurs, Popular Science, HISTORY

Notes:

First published 2018 by William Morrow, an imprint of Harper Collins, New York

Prologue : the golden age of discovery -- The dawn of the dinosaurs -- Dinosaurs rise up -- Dinosaurs become dominant -- Dinosaurs and drifting continents -- The tyrant dinosaurs -- The king of the dinosaurs -- Dinosaurs at the top of their game -- Dinosaurs take flight -- Dinosaurs die out -- Epilogue : after the dinosaurs In this hugely ambitious and engrossing story of how dinosaurs rose to dominate the planet, using the fossil clues that have been gathered using state of the art technology, Steve Brusatte, one of the worlds leading palaeontologists, follows these magnificent creatures from the Early Triassic period at the start of their evolution, through the Jurassic period to their final days in the Cretaceous' and the legacy that they left behind. Along the way, Brusatte introduces us to the cast of new dinosaur hunters and gives an insight into what its like to be a palaeontologist whose job it is to hunt for dinosaurs. He offers thrilling accounts of some of the remarkable discoveries he has made, including primitive human-sized tyrannosaurs, monstrous carnivores even larger than T. rex, and feathered raptor dinosaurs preserved in lava from China. At a time when Homo sapiens has existed for less than 200,000 years and we are already talking about planetary extinction, The Rise and Fall of the Dinosaurs is a timely reminder of what humans can learn from the magnificent creatures who ruled the earth before us

The rise and reign of the mammals: a new history, from the shadow of the dinosaurs to us

Type Book

Author Stephen Brusatte

Contributor Todd Marshall

Contributor Sarah Shelley

Abstract The passing of the age of the dinosaurs allowed mammals to become ascendant. But mammals have a much deeper history. They -- or, more precisely, we -- originated around the same time as the dinosaurs, over 200 million years ago; mammal roots lie even further back, some 325 million years. Over these immense stretches of geological time, mammals developed their trademark features: hair, keen senses of smell and hearing, big brains and sharp intelligence, fast growth and warm-blooded metabolism, a distinctive line-up of teeth, mammary glands that mothers use to nourish their babies with milk -- qualities that have underlain their success story. Out of this long and rich evolutionary history came the mammals of today, including our own species and our closest cousins. But today's 6,000 mammal species -- the egg-laying monotremes including the platypus, marsupials such as kangaroos and koalas that raise their tiny babies in pouches, and placentals like us, who give birth to well-developed young -- are simply the few survivors of a once verdant family tree, which has been pruned both by time and mass extinctions. In this book, palaeontologist Steve Brusatte weaves together the history and evolution of our mammal forebears with stories of the scientists whose fieldwork and discoveries underlie our knowledge, both of iconic mammals like the mammoths and sabre-toothed tigers of which we have all heard, and of fascinating

species that few of us are aware of

Date 2022
Language en
Short Title The rise and reign of the mammals
Library Catalog Panel on Planetary Thinking
Call Number 009 WH 9480 B912
Extra OCLC: 1331466235
Place London
Publisher Picador
ISBN 978-1-5290-3422-6
of Pages 500
Date Added 1/15/2023, 6:06:58 PM
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Tags:

Biology, Evolutionary Biology, Popular Science, Mammals, HISTORY

The worldmakers: global imagining in early modern Europe

Type Book
Author Ayesha Ramachandran
Abstract In this beautifully conceived book, Ayesha Ramachandran reconstructs the imaginative struggles of early modern artists, philosophers, and writers to make sense of something that we take for granted: the world, imagined as a whole. Once a new, exciting, and frightening concept, “the world” was transformed in the sixteenth and seventeenth centuries. But how could one envision something that no one had ever seen in its totality? *The Worldmakers* moves beyond histories of globalization to explore how “the world” itself—variously understood as an object of inquiry, a comprehensive category, and a system of order—was self-consciously shaped by human agents. Gathering an international cast of characters, from Dutch cartographers and French philosophers to Portuguese and English poets, Ramachandran describes a history of firsts: the first world atlas, the first global epic, the first modern attempt to develop a systematic natural philosophy—all part of an effort by early modern thinkers to capture “the world” on the page.
Date 2018
Language en
Short Title The worldmakers
Library Catalog Panel on Planetary Thinking
Call Number 009 ND 8570 R165
Place Chicago London
Publisher The University of Chicago Press
ISBN 978-0-226-59887-1
Edition Paperback edition

of Pages 288

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Tags:

European History, Cultural and Historical Geography, British and Irish Literature, HISTORY

Notes:

Includes bibliographical references and index

You belong to the universe: Buckminster Fuller and the future

Type Book

Author Jonathon Keats

Date 2016

Language en

Short Title You belong to the universe

Library Catalog Panel on Planetary Thinking

Call Number 009 LI 31370 K25

Place New York

Publisher Oxford University Press

ISBN 978-0-19-933823-8

of Pages 206

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Tags:

Biography, United States, Architects, Fuller, R. Buckminster, Inventors, Richard Buckminster, HISTORY