

Geology Of National Parks 6th Edition

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With its thickness of more than 15 km of strata, covering some 200,000 km2, the Belt basin displays one of the planet's largest, best-exposed, most accessible, and best-preserved sequences of Mesoproterozoic sedimentary and igneous rocks. This volume focuses on research into this world-class province: kindles ideas about this critical era of Earth evolution; and covers aspects of the basin from its paleontology, mineralogy, sedimentology, and stratigraphy to its magmatism, ore deposits, geophysics, and structural geology.

Highlights the local history as well as the geologic features and developments of national parks formed by stream erosion and weathering, glaciers and wave action, igneous activity, mountain building and uplift, and ground water.

ONE OF THE NEW YORK TIMES BOOK REVIEWS 10 BEST BOOKS OF THE YEAR A major book about the future of the world, blending intellectual and natural history and field reporting into a powerful account of the mass extinction unfolding before our eyes Over the last half a billion years, there have been five mass extinctions, when the diversity of life on earth suddenly and dramatically contracted. Scientists around the world are currently monitoring the sixth extinction, predicted to be the most devastating extinction event since the asteroid impact that wiped out the dinosaurs. This time around, the cataclysm is us. In *The Sixth Extinction*, two-time winner of the National Magazine Award and New Yorker writer Elizabeth Kolbert draws on the work of scores of researchers in half a dozen disciplines, accompanying many of them into the field: geologists who study deep ocean cores, botanists who follow the tree line as it climbs up the Andes, marine biologists who dive off the Great Barrier Reef. She introduces us to a dozen species, some already gone, others facing extinction, including the Panamanian golden frog, staghorn coral, the great auk, and the Sumatran rhino. Through these stories, Kolbert provides a moving account of the disappearances occurring all around us and traces the evolution of extinction as concept, from its first articulation by Georges Cuvier in revolutionary Paris up through the present day. The sixth extinction is likely to be mankind's most lasting legacy; as Kolbert observes, it compels us to rethink the fundamental question of what it means to be human.

This field guide dedicated to wildlife of Yosemite National Park is an information-packed, pocket-sized book that introduces park visitors to the animals, plants, insects and more that reside in Yosemite National Park in a colorful and portable package. Published in cooperation with Yosemite National Park Association, this Nature Guide to Yosemite National Park contains full-color photos and easy-to-understand descriptions. Here is the perfect companion guide for the 4 million visitors who travel to Yosemite National Park every year.

This complete travel guide allows the reader to enjoy the first and oldest national park in the world mile by mile. First the reader can compare the different approaches to the park and plan an itinerary. Along with fascinating facts and anecdotes, readers will learn of Yellowstone's geyser basins and the frequency of the geysers, out-of-the-way hikes, and how to spot the wildlife and wildflowers. Updates to the sixth edition include a geological time line, new color photos, and revised maps.

[Yellowstone National Park](#)

[The Colorado Plateau](#)

[Picture CD](#)

[Paleontology and Geology of the Upper Jurassic Morrison Formation](#)

[An Explorer's Guide to Wildlife, Geology, and Botany](#)

[Cultural, Biological, and Physical Research](#)

[The 10 Best of Everything National Parks](#)

[Field Book for Describing and Sampling Soils](#)

[Fossil Record 6 Volume 2](#)

[Bulletin 36](#)

[Complete National Parks of the United States](#)

Rivers wind through earth, cutting down and eroding the soil for millions of years, creating a cavity in the ground 277 miles long, 18 miles wide, and more than a mile deep known as the Grand Canyon. Home to an astonishing variety of plants and animals that have lived and evolved within its walls for millennia, the Grand Canyon is much more than just a hole in the ground. Follow a father and daughter as they make their way through the cavernous wonder, discovering life both present and past. Weave in and out of time as perfectly placed die cuts show you that a fossil today was a creature much long ago, perhaps in a completely different environment. Complete with a special double gatefold, an intricate map and extensive back matter.

The rapid fragmentation and habitat change in natural environments have created a need for management and conservation, which will ensure areas are protected from anthropogenic interference. These protected areas are necessary to provide adequate location for biodiversity conservation, environmental monitoring, and scientific research where a complete understanding of the natural process and full protection of ecosystems can be attained. This book highlights various approaches for managing and conserving protected areas in temperate and tropical regions to respond to some pressing global challenges today. It is divided into five main sections, viz., protected area management, fish and wildlife conservation, biodiversity conservation, ecotourism and recreation, and local community participation. The book enhances the understanding of the important roles national parks play in the environment and society.

Nearly two million people visit Alaska every year, drawn to its spectacular views and endless activities. But with such size and so many options, it can seem overwhelming when it comes to planning a family vacation to the 49th state. The best place to start? With a local, of course. Journalist and Alaska resident Erin Kirkland knows every corner of the state, and she has crossed thousands of miles with her son. In *Alaska on the Go*, she offers a fresh take on exploring some of the most beautiful land in the world, with tips and tricks that only an insider knows. Serving as the perfect tour guide, Kirkland identifies the best and most kid-friendly destinations in cities across Alaska. She offers practical advice on everything from restaurants to rest stops and from weather surprises to wild animals. Photos, maps, and sample itineraries make it easy for parents to plan a trip that will delight and entertain everyone. The only family travel guide to Alaska written by a current Alaskan, Alaska on the Go makes the state more accessible than ever. Whether traveling via car, cruise ship, or dogsled, this practical, portable guide will open up a new world of memorable adventures.

In 1851 a small militia trekked through California's Sierra Nevada Mountains and discovered a site so spectacular that, over the succeeding century and a half, millions of others would follow to gaze upon its splendor: Yosemite. Publishing in time for the 125th anniversary of Yosemite National Park, Kate Nearpass Ogden's Yosemite offers a comprehensive look at both the scientific and cultural history of this remarkable place, exploring everything from its geological origins to the political will it took to preserve it. Known for its unusual and dramatic rock formations, breathtaking vistas, and treasure trove of waterfalls, Yosemite receives nearly four million visitors a year. Scan over these crowds, Ogden soon leaves them to walk through Yosemite's history, back to its original name, "Ahwahnee"—given by its Miwok inhabitants—and the tragic irony behind what we call it now, which early Anglo-American visitors mistook as the Miwok appellation, but which some scholars now suggest in fact means "there are killed among them." Visiting with famed stewards such as John Muir, and lesser-known ones such as James Mason Hutchings and Galen Rowell, she recounts the valley's discovery by westerners, exploration, exploitation, and its eventual preservation as one of the first National Parks. Ogden also looks at the many artworks it has inspired and the larger hold it has had on the imagination and our dreams of the unspoiled American west. Rich in detail and beautifully illustrated with everything from landscape photography to paintings inspired by its beauties, this book is a must read for anyone who has ever stepped into this incomparable valley—or anyone who has wanted to.

From recreation areas and trails to historic sites, from nature hikes to seashores, this comprehensive travel guide and reference to the United States National Parks has been completely revised and updated, with a brand-new cover, more than 30 new photos, and 15 new properties that have been approved by President Barack Obama since the publication of the first edition. The ultimate travel planner and reference guide for all things national parks, this 544-page resource from National Geographic is filled with full-color photos, detailed maps, historical background, and practical facts on the location of the park system properties, as well as the best times to visit and top-rated activities.

"Discover a fresh perspective on America's National Parks in a stunning illustrated guide featuring fascinating science, fun trivia, and helpful insider travel tips for all sixty parks. What caused the stone arches in Arches National Park? Why are Yellowstone's geothermal pools such wild colors? How did the Badlands get their name? America's sixty National Parks are some of the most beautiful unique, and biodiverse places on earth, and are visited by millions annually. Home to some of our most treasured species of animals and plants, as well as some of the most striking geological features--like mountains, rock arches, caves, volcanoes, and geysers--the parks are also scientific playgrounds, where visitors can learn about botany, geology, and wildlife first hand. Scenic Science of the National Parks curates and breaks down the most compelling natural science highlights of each park, from volcanic activity, glaciers, and coral reefs to ancient redwood groves, herds of bison, giant bats, and beyond. Highlighting information on the history and notable features of each park, as well as cool insider travel tips vetted by National Park Service park rangers, this book makes a fun addition to any park lover's book collection"--

[A Concise History of Scientists and Scientific Investigations in Yellowstone National Park](#)

[Exploring the 49th State with Children](#)

[Canyonlands Country](#)

[Geologic Excursions in Southwestern North America](#)

[Nature Guide to Yosemite National Park](#)

[A Bibliography of National Parks and Monuments West of the Mississippi River](#)

[Grand Canyon](#)

[Scenic Science of the National Parks](#)

[Including the Flathead Valley & Waterton Lakes National Park](#)

[Bulletin 29](#)

[U.S. Geological Survey Professional Paper](#)

Iowa's rock record is the product of more than three billion years of geological processes. The state endured multiple episodes of continental glaciation during the Pleistocene Ice Age, and the last glacier retreated from Iowa a mere (geologically speaking) twelve thousand years ago. Prior to that, dozens of seas came and went, leaving behind limestone beds with rich fossil records. Lush coal swamps, salty lagoons, briny basins, enormous alluvial plains, ancient rifts, and rugged Precambrian mountain belts all left their mark. In *Iowa's Geological Past*, Wayne Anderson gives us an up-to-date and well-informed account of the state's vast geological history from the Precambrian through the end of the Great Ice Age. Anderson takes us on a journey backward into time to explore Iowa's rock-and-sediment record. In the distant past, prehistoric Iowa was covered with shallow seas; coniferous forests flourished in areas beyond the continental glaciers; and a wide variety of animals existed, including mastodon, mammoth, musk ox, giant beaver, camel, and giant sloth. The presence of humans can be traced back to the Paleo-Indian interval, 9,500 to 7,500 years ago. Iowa in Paleozoic time experienced numerous coastal plain and shallow marine environments. Early in the Precambrian, Iowa was part of ancient mountain belts in which granite and other rocks were formed well below the earth's surface. The hills and valleys of the Hawkeye State are not everlasting when viewed from the perspective of geologic time. Overall, Iowa's geologic column records an extraordinary transformation over more than three billion years. Wayne Anderson's profusely illustrated volume provides a comprehensive and accessible survey of the state's remarkable geological past.

An innovative way of seeing how a major forest recovers from a devastating fire! This field guide dedicated to wildlife of Yellowstone National Park is an information-packed, pocket-sized book that introduces park visitors to the animals, plants, insects and more that reside in Yellowstone National Park in a colorful and portable package. Published in cooperation with Yellowstone National Park Association, this Nature Guide to Yellowstone National Park contains full-color photos and easy-to-understand descriptions. Here is the perfect companion guide for the 3 million visitors who travel to Yellowstone National Park every year. A fine, lucid and lively description of that which makes southeast Utah the nation's most captivating region--the rocks. Annotation copyright by Book News, Inc., Portland, OR

[The Sixth Extinction](#)

[An Encyclopedia of the World's Geographic Features](#)

[An Unnatural History](#)

[Essentials of Geology](#)

[Insiders' Guide® to Glacier National Park, 6th](#)

[Geology of National Parks](#)

[Three Billion Years of Earth History](#)

[Geological Survey Professional Paper](#)

[800 Top Picks from Parks Coast to Coast](#)

[Vertebrate Paleontology in Arizona](#)

[Yosemite](#)

It is supported by a complete learning and teaching package. Innovative media, such as Geotours—which take students on virtual field trips using Google Earth™—make it possible for instructors to bring real-world geology to life in the classroom.

Covers national historical parks, monuments and battlefields, and scenic trails and features lists including the best lodges, hippest hikes, and most stunning star-gazing sites, as well as park-ranger anecdotes and travel tips.

• With lively prose, detailed maps, black-and-white photographs, and shaded-relief images, the authors succeed in their goal: unravelling the 2,800 million years of geologic history recorded in Wisconsin's rocks.

The Sierra Club founder offers an extensive overview of America's national parks at the turn of the 20th century, including appraisals of Yellowstone, Yosemite, Sequoia, and General Grant. Includes vintage photos.

"Profiles of 60 parks—from battlefields to national seashores—administered by the National Park Service, highlighting their diverse appeal and available outdoor activities. A brief glimpse is given of 29 additional parks, including the newly created Indiana Sand Dunes."

Insiders' Guide to Glacier National Park is the essential source for information to this outdoor paradise that offers diverse opportunities for fun and adventure. Written by a local (and true insider), this guide offers a personal and practical perspective of Glacier and its surrounding environs.

[The Traveler's Companion to the National Park](#)

[Bulletin 30](#)

[Iowa's Geological Past](#)

[Our National Parks](#)

[Management and Conservation](#)

[Yellowstone Treasures](#)

[Alaska on the Go](#)

[Geology and the Environment](#)

[Geology of Canyonlands and Arches National Parks](#)

[Featuring 400+ Parks, Monuments, Battlefields, Historic Sites, Scenic Trails, Recreation Areas, and Seashores](#)

[Roadside Geology of Wisconsin](#)

The first and oldest national park in the world can be enjoyed mile by mile with this complete travel guide. Along with fascinating facts and anecdotes, readers will learn of Yellowstone's geyser basins and the frequency of the geysers, out-of-the-way hikes, and flora and fauna. Easy-to-understand scientific explanations and diagrams complement an array of short walks, the right season for camping, and the park's campgrounds and facilities. Updated road logs highlight more than 100 historical points of interest, including the often misidentified locale from which artist Thomas Moran painted his "Grand Canyon of the Yellowstone" masterpiece and where five stagecoach robberies occurred along the Grand Loop Road. New text examines areas that have changed in recent years, including the reconstructed Canyon-to-Dunraven Pass and the newly completed North Rim Drive at the Grand Canyon. Additionally, numerous new photographs feature historical and contemporary images.

This field guide dedicated to wildlife of Shenandoah National Park is an information-packed, pocket-sized book that introduces park visitors to animals, plants, insects and more that reside in the Shenandoah Valley in a colorful and portable package. Including full-color photos and easy-to-understand descriptions and with full cooperation from the park association, this book will appeal to the 1.1 million visitors who travel to Shenandoah every year.

[Belt Basin: Window to Mesoproterozoic Earth](#)

[Yellowstone & Grand Teton National Parks](#)

[Earth's Landscape: An Encyclopedia of the World's Geographic Features \(2 volumes\)](#)

[Nature Guide to Shenandoah National Park](#)

[With a Bibliography of the Results of Research and Travel in the Park Area](#)

[National Parks](#)

[Atlas of the National Parks - National Geographic](#)

[A Bibliography](#)

[Nature Guide to Yellowstone National Park](#)

[Fire Ghosts](#)

[The Nonmarine Permian](#)