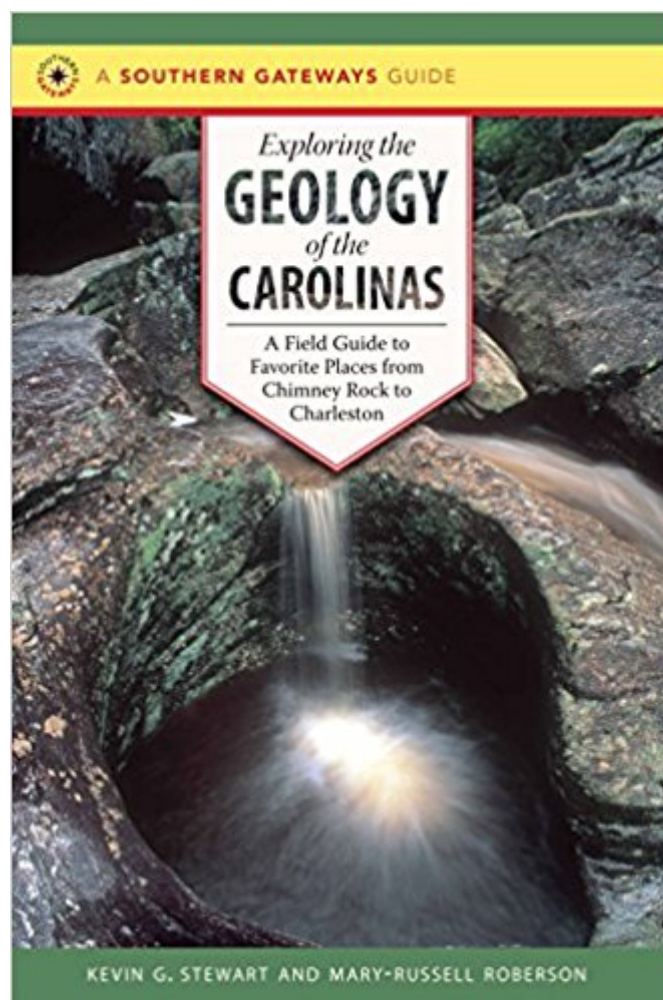




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# Exploring The Geology Of The Carolinas: A Field Guide To Favorite Places From Chimney Rock To Charleston (Southern Gateways Guides)





## Synopsis

How were the Appalachian Mountains formed? Are the barrier islands moving? Is there gold in the Carolinas? The answers to these questions and many more appear in this reader-friendly guide to the geology of North Carolina and South Carolina. Exploring the Geology of the Carolinas pairs a brief geological history of the region with 31 field trips to easily accessible, often familiar sites in both states where readers can observe firsthand the evidence of geologic change found in rocks, river basins, mountains, waterfalls, and coastal land formations. Geologist Kevin Stewart and science writer Mary-Russell Roberson begin by explaining techniques geologists use to "read" rocks, the science of plate tectonics, and the formation of the Carolinas. The field trips that follow are arranged geographically by region, from the Blue Ridge to the Piedmont to the Coastal Plain. Richly illustrated and accompanied by a helpful glossary of geologic terms, this field guide is a handy and informative carry-along for hikers, tourists, teachers, and families--anyone interested in the science behind the sights at their favorite Carolina spots. Includes field trips to: Grandfather Mountain, N.C. Linville Falls, N.C. Caesars Head State Park, S.C. Reed Gold Mine, N.C. Pilot Mountain State Park, N.C. Raven Rock State Park, N.C. Sugarloaf Mountain, S.C. Santee State Park, S.C. Jockey's Ridge State Park, N.C. Carolina Beach State Park, N.C. and 21 more sites in the Carolinas! Southern Gateways Guide is a registered trademark of the University of North Carolina Press

## Book Information

Series: Southern Gateways Guides

Paperback: 320 pages

Publisher: The University of North Carolina Press; 1st Edition edition (February 26, 2007)

Language: English

ISBN-10: 0807857866

ISBN-13: 978-0807857861

Product Dimensions: 6.1 x 0.9 x 9.2 inches

Shipping Weight: 15.2 ounces (View shipping rates and policies)

Average Customer Review: 4.4 out of 5 stars 18 customer reviews

Best Sellers Rank: #175,141 in Books (See Top 100 in Books) #3 in [Books > Science & Math > Astronomy & Space Science > Comets, Meteors & Asteroids](#) #11 in [Books > Travel > United States > South Carolina > Charleston](#) #32 in [Books > Travel > Specialty Travel > Travel with Pets](#)

## Customer Reviews

"Exploring the Geology of the Carolinas" fills a long-standing void in the plethora of regional field guides. Joe Miller, outdoors writer, Raleigh "News and Observer" "This book will be a must for any naturalist traveling in the Carolinas." Willie Calloway, executive director of the South Carolina State Museum "Organized superbly. . . . Well-suited for geology enthusiasts." -- "Journal of the North Carolina Academy of Sciences" "A wonderful field guide to geologic features in North and South Carolina. . . . A delight to read." -- "American Reference Books Annual" "Well suited for geology enthusiasts. . . . Useful, entertaining, and informative." -- "Journal of the North Carolina Academy of Sciences" "This book will be a must for any naturalist traveling in the Carolinas." -- Willie Calloway, executive director of the South Carolina State Museum "Exploring the Geology of the Carolinas" fills a long-standing void in the plethora of regional field guides." -- Joe Miller, outdoors writer, Raleigh "News and Observer" "With "Exploring the Geology of the Carolinas," authors Kevin G. Stewart and Mary-Russell Roberson have put together an interesting amalgamation of textbook and travel guide." a "State" (Columbia, SC) "Stewart is clearly enthusiastic . . . and Roberson . . . ensures that complex ideas are explained in a way that's intelligible to the general public." -- "Mountain XPress Outdoors" "With "Exploring the Geology of the Carolinas", authors Kevin G. Stewart and Mary-Russell Roberson have put together an interesting amalgamation of textbook and travel guide." -- "State " (Columbia, SC)

A wonderful field guide to geologic features in North and South Carolina. . . . A delight to read.--American Reference Books Annual This layman's survey of the geologic past of the Carolinas provides amateur scientists a look at nature's course through river basins, mountains, waterfalls, and coastal land formations. . . . With an easy-to-read introduction and detailed glossary, even everyday rockhounds can learn to read nature's writing.--Charleston Magazine The first of its kind. . . . Offers simple language and explanations, allowing the general public to read and enjoy it.--The Independent Weekly, Durham, NC Exploring the Geology of the Carolinas fills a long-standing void in the plethora of regional field guides. Now you can learn the geologic history of our favorite places to explore.--Joe Miller, outdoors writer, Raleigh News and Observer Get out of the house. And take this book with you.--Endeavors Stewart and Roberson and Durham writer Mary-Russell Roberson have produced a travel guide like no other, one they hope will get you to 'see the Carolinas with new eyes' -- through its geologic history.--Herald-Sun This book will be a must for any naturalist traveling in the Carolinas who has an interest in the 'whys' and 'hows' of the origin of this most interesting region.--Willie Calloway, executive director of the South Carolina State Museum This book is a must for anyone interested in the outdoors of the Carolinas. Complete with a comprehensive glossary of

terms, it is a perfect start for budding geologists of all ages, from 10 to 100.--Orrin Pilkey, author of How to Read a North Carolina Beach  
Organized superbly. . . . Well-suited for geology enthusiasts.--Journal of the North Carolina Academy of Sciences  
Well suited for geology enthusiasts. . . . Useful, entertaining, and informative.--Journal of the North Carolina Academy of Sciences  
A fascinating new book. . . . [Exploring the Geology of the Carolinas] will add much pleasure and instruction for tourists, both home-grown and from distant places.--Winston-Salem Journal  
With Exploring the Geology of the Carolinas, authors Kevin G. Stewart and Mary-Russell Roberson have put together an interesting amalgamation of textbook and travel guide.--State (Columbia, SC)  
Stewart is clearly enthusiastic . . . and Roberson . . . ensures that complex ideas are explained in a way that's intelligible to the general public.--Mountain XPress Outdoors  
A comprehensive, up-to-date, reader-friendly book about the geology of the Carolinas.--GeoNews

I've been hiking in the Carolinas for thirty years. This is an excellent guide to the geology of the region. It starts with a brief account of the geologic history of the region. This is followed by field trips. Included are all of the best places to hike or drive Mount Mitchell, Crowders Mountain, Stone Mountain, the Outer Banks, Caesars Head, Charleston and many others. For each trip, the authors point out the distinctive features. For example, look for gneiss at Table Rock in SC. This metamorphic rock formed in the ancient collision of two supercontinents. The best thing about this book is that you can go and see a million years of history in the land itself. The authors tell you what rocks and formations to look for and how to interpret them. Great for hikers and all who love this region.

I refer to this book a lot. Great for day field trips. Perfect bedside reading before sleep. Lots of photos. I would love to have color photos but, the text is very good.

Great information and history. Was expecting more on North Carolina geology but I am still enjoying it. A good read, Thanks.

If you live in the Carolinas and want to get your head around some of the wonderful gifts nature has for us, this book is a must read. I've used it to plan day-trips to see some of the places written up and have never been disappointed. The first five chapters set the important scenes and tell of the early events that shaped our landscapes. The last 31 chapters outline field trips. Each tells us what to look for, but most importantly, what it means. So use the first 5 chapters to understand the

formative processes, but use the rest of the book to plan and organize your visits to various places across the two states.

A wonderful addition to the smart, learning traveler's packing list! I have used it as I travel both N and S Carolina and never fail to be delighted. Well written with photos and diagrams - Great for the rock curious and the rock crazed!

Covers a lot of great fieldtrips for geology. It's great for weekend trips with the kids, instead of some old amusement park.

This is a magnificent book. I had given up hope finding a good reference work for North Carolina geology and then stumbled upon this book. I highly recommend it for its general discussion of Carolina geological history and its guided tours of specific locations. I'm baffled by the other low review it received.

The information in this book was so informative and the history was fabulous. Packed with such neat facts that you would not normally obtain during a casual visit to these spectacular places in NC/SC.

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