

Spring 3-1-2020

## Thirty Great North Carolina Science Adventures: From Underground Wonderlands to Islands in the Sky and Everything in Between

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### Recommended Citation

Matthews, Melinda F. (2020) "Thirty Great North Carolina Science Adventures: From Underground Wonderlands to Islands in the Sky and Everything in Between," *The Southeastern Librarian*: Vol. 68 : Iss. 1 , Article 9.

Available at: <https://digitalcommons.kennesaw.edu/seln/vol68/iss1/9>

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**Southern Snow: The New Guide to Winter Sports from Maryland to the Southern Appalachians (Southern Gateways Guide).** Randy Johnson. Chapel Hill: University of North Carolina Press, 2019. ISBN: 978-1-4696-5420-1. 445 p. \$27.00 (Pbk.)



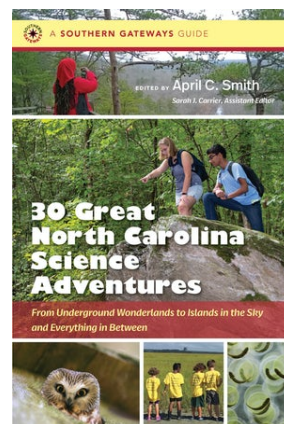
This work reveals ski areas in southeastern Virginia, North Carolina, Maryland, West Virginia, Alabama, and Tennessee. The author wrote other outstanding books about the South including *Grandfather Mountain: The History and Guide to an Appalachian Icon*, *Hiking the Blue Ridge Parkway*, *Hiking North Carolina*, and *Best Easy Hikes: Great Smoky Mountains National Park*. Contents include: Preface, Map Key, Part 1. Introduction to the Southern Snowbelt, The Climate of the Southern Snowbelt, The History of Southern Skiing, Getting There, Downhill Skiing and Snowboarding in the South, Cross-Country Skiing in the South, Winter Hiking and Mountaineering in the South, Part 2. Downhill Skiing Maryland Garrett County, Wisp Resort, West Virginia Canaan Valley Area, Canaan Valley Resort State Park Ski Area, Timberline Four Seasons Resort, Snowshoe Mountain, Winterplace Ski Resort, Virginia Bryce Resort, The Homestead, Massanutten Resort, Wintergreen Resort, North Carolina North Carolina High Country, Appalachian Ski Mountain, Beech Mountain Resort, Sugar Mountain Resort, Hawksnest Snow Tubing and Zipline, Asheville Area, Cataloochee Ski Area, Sapphire Valley Resort, Wolf Ridge Ski Resort, Scaly Mountain Outdoor Center, Tennessee and Alabama Ober Gatlinburg, Tennessee, Cloudmont Ski and Golf Resort, Alabama, Part 3. Cross-Country Skiing, Hiking, and Mountaineering, Maryland Herrington Manor State Park, New Germany State Park, Swallow Falls State Park, West Virginia Blackwater Falls State Park, Canaan Valley Resort State Park, Canaan Mountain Area, Richwood Area, Dolly Sods Area, Elk River Ski Touring Center, Snowshoe Mountain, White Grass Ski Touring Center, Virginia Peaks of Otter, Mountain Lake Wilderness and Resort, Mount Rogers National Recreation Area, Ramseys Draft Area, Shenandoah National Park, North Carolina Appalachian Trail, Yellow Mountain Gap, Black Mountains, Blue Ridge Parkway, Julian Price Memorial Park, Moses Cone Memorial Park, Linville and Linville Falls, Elk Knob State Park and the Amphibolite Mountains, Grandfather Mountain, Roan Mountain, Tennessee Great Smoky Mountains National Park, Index, Sidebars Boot-on-Fire Beginners, Shutting Down the Season, You'll Never Know It's Good Till It's Gone, My Breakfast with Sepp,

Adding Insult to Injury, Skiing with Mr. Mohawk, Ski Archaeology: Uncovering Lost Ski Areas, Honoring Sepp: Quest for Hall of Fame, We Don't Need Natural Snow! Really?, The Downside of Skiing Dixie, Novices Keep Out, New Respect for the East's Highest Peak, Lost Ski Eateries, Make History on Your Next Southern Ski Trip, and Classic Ski Lodges of Beech Mountain. Excellent quality and intriguing black and white photographs enhance the masterpiece on marvelous skiing areas.

Some examples of photographs of snowy locations are Roan Mountain, Terra Alta, West Virginia, Emerald Outback of Beech Mountain, Mount Mitchell, The Homestead, Silver Creek slopes, Snowshoe Village, the slopes of Wisp, Deep Creek Lake, Shining Rock Wilderness, Wilburn Ridge, Blackwater Canyon Blackwater Falls, and Red Fox Restaurant of Snowshoe. Great quality maps for instance are Herrington Manor State Park of Maryland, New Germany State Park of Maryland, Blackwater Falls State Park of West Virginia, Blue Ridge Parkway Peaks of Otter in Virginia, Mount Rogers National Recreation Area of Virginia, Grandfather Mountain of North Carolina, Appalachian Trail and Yellow Mountain Gap of North Carolina, Black Mountains of North Carolina, and Great Smoky Mountains National Park of Tennessee. The index is accurate. The recommendation for audience is people interested in skiing and skiing in Maryland, West Virginia, Virginia, North Carolina, Maryland, West Virginia, Virginia, North Carolina, Alabama, and Tennessee. This work is excellent for public and academic libraries and great as a gift.

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**Thirty Great North Carolina Science Adventures: From Underground Wonderlands to Islands in the Sky and Everything in Between (Southern Gateways Guides).** April C. Smith and Sarah J. Carrier. ISBN: 978-1469654959. Chapel Hill: University of North Carolina Press, 2020. 304 p. \$22.00 (Pbk.).



This work is about spectacular places in North Carolina. Author April C. Smith is a faculty member at North Carolina State University. Contents include: Preface, General Introduction, Part 1 Mountain Region Introduction,

Overview by Misty Buchanan, Mountain Geology by April C. Smith, 1 The Rock Garden The Fred Webb Jr. Outdoor Geology Laboratory, 2 Linville Caverns An Underground Wonderland, 3 Bluff Mountain Preserve Appalachian Wetlands, 4 Grandfather Mountain A Mountain of Biological Abundance, 5 Mount Mitchell An Ecological Island in the Sky, 6 The Cradle of Forestry in America, A Legacy of Conservation Education, 7 Mount Jefferson State Natural Area, 8 Blowing Rock Gneiss Interpreting the Geologic History of a Rock Outcrop, 9 Elk Knob State Park Crystal Wilson & Andrew Jenkins, 10 Linville Gorge Wilderness Area North Carolina's Grand Canyon, Part II Piedmont Region 11 Saxapahaw on the Haw River Investigating Aquatic Insect Adaptions, 12 Reed Gold Mine and Gold Hill Mines Historic Park Gold Mining in the Piedmont, 13 Sandhills The Making of a Forest, 14 Prairie Ridge Ecostation Prairie in the City, 15 Pilot Mountain State Park Exploring a Sauratown Mountain Monadnock, 16 North Carolina Botanical Garden, 17 Hemlock Bluffs Nature Preserve and the Stevens Nature Center, 18 Oconeechee Mountain State Natural Area, 19 Eno River State Park Exploring the Eno, 20 Medoc Mountain State Park, Part III Coastal Plain Region Introduction 21 Merchant's Millpond A Cypress Swamp, 22 Mattamuskeet and Pocosin Lakes National Wildlife Refuges A Walk on the Wild Side, 23 Lake Waccamaw Studying Freshwater Mussels in Eastern North Carolina, 24 Carolina Beach State Park and Green Swamp The Venus Flytrap, 25 Jockey's Ridge State Park Moving Mountains at the Beach, 26 Fort Fisher and the North Carolina Aquarium 27, Bear Island, Hammocks Beach State Park Barrier Island Ecology, 28 The Lower Roanoke River Exploring the Secrets of Bottomland Swamps, 29 Pamlico Sound/Neuse River Estuary Water Quality Monitoring, 30 Cape Hatteras Coastal Processes and Conflicts on North Carolina's Outer Banks, Glossary, Acknowledgments, Contributors, and Index.

Map 1 The Three geologic regions of North Carolina with thirty sites indicated for great scientific explorations throughout the state. Map 2 Exploration sites in the Mountain region of North Carolina. Map 3. Exploration locations in the Piedmont region of North Carolina is

excellent. Map 4 Exploration locations in the Coastal Plain region of North Carolina is excellent. Map 5 North Carolina has seventeen river basins throughout the state. Lake Waccamaw is located in the Lumber River Basin is excellent. Map 6 Mapped locations along the Roanoke River for your explorations is excellent. Map 7 Locations of UNC-IMS monitoring stations and routes in the Neuse River and Pamlico Sound is excellent. There are thirty seven good quality illustrations. The work contains many beautiful brightly colored photographs of the marvelous greenery of North Carolina. A helpful glossary includes one hundred and four terms.

Some of the North Carolina fascinations are Linville Gorge similar to Grand Canyon, Mt. Jefferson titled from Thomas Jefferson and his father Peter Jefferson, the initial park in North Carolina Mt. Mitchell, Biltmore Forest School of George S. Vanderbilt's Biltmore Estate, North Carolina sounds are number two to Chesapeake Bay in grandness, and kites flown on NC dunes. Enjoyable are cordgrass, oak trees, red cedar, may apple, eastern hemlock, American beech, swamp magnolia, flame azalea, honeysuckle, vasevine, azalea, spruce fir forests, longleaf pine trees, red maple trees, black needle, rhododendron, and laurel. Also entertaining are barred owls, egrets, sea turtles, frogs, toads, deer, pelicans, deer, foxes, herons, red drum, blue herons, warblers, osprey, blue birds, and the red cockaded woodpecker.

The recommended audience are researchers and anyone interested in learning about the wonderful places in North Carolina to visit and enjoy. All public and academic libraries should add the fantastic masterpiece on North Carolina lures to their collections.

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