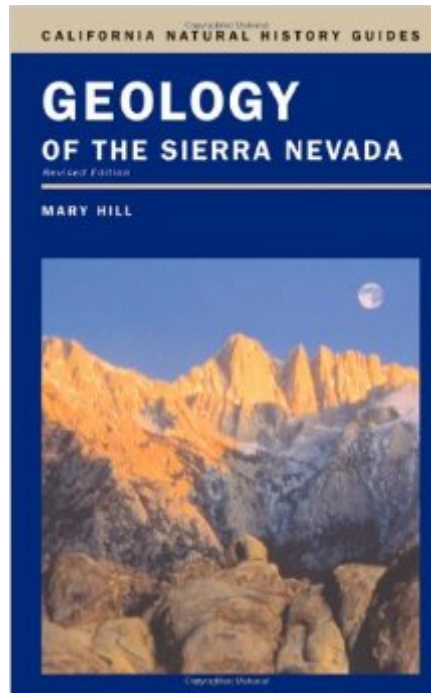


The book was found

# Geology Of The Sierra Nevada (California Natural History Guides)



## Synopsis

Writing with verve and clarity, Mary Hill tells the story of the magnificent Sierra Nevada—the longest, highest, and most spectacular mountain range in the contiguous United States. Hill takes us from the time before the land which would be California even existed, through the days of roaring volcanoes, violent earthquakes, and chilling ice sheets, to the more recent history of the Sierra's early explorers and the generations of adventuresome souls who followed. The author introduces the rocks of the Sierra Nevada, which tell the mountains' tale, and explains how nature's forces, such as volcanic eruptions, earthquakes, faulting, erosion, and glaciation formed the range's world-renowned scenery and mineral wealth, including gold. For thirty years, the first edition of *Geology of the Sierra Nevada* has been the definitive guide to the Sierra Nevada's geological history for nature lovers, travelers, hikers, campers, and armchair explorers. This new edition offers new chapters and sidebars and incorporates the concept of plate tectonics throughout the text.\* Written in easy-to-understand language for a wide audience.\* Gives detailed information on where to view outstanding Sierra Nevada geology in some of the world's most beloved natural treasures and national parks, including Yosemite.\* Provides specific information on places to see glaciers and glacial deposits, caves, and exhibits of gold mines and mining equipment, many from Gold Rush times.\* Superbly illustrated with 117 new color illustrations, 16 halftones, 39 line illustrations, and 12 maps, and also features an easy-to-use, interactive key for identifying rocks and a glossary of geological terms.

## Book Information

Series: California Natural History Guides (Book 80)

Paperback: 468 pages

Publisher: University of California Press; Second Edition, Revised Edition edition (May 15, 2006)

Language: English

ISBN-10: 0520236963

ISBN-13: 978-0520236967

Product Dimensions: 4.5 x 1.2 x 7.2 inches

Shipping Weight: 1.5 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars — See all reviews — (22 customer reviews)

Best Sellers Rank: #499,675 in Books (See Top 100 in Books) #75 in Books > Science & Math > Nature & Ecology > Mountains #510 in Books > Science & Math > Nature & Ecology > Natural History #747 in Books > Science & Math > Earth Sciences > Geology

## Customer Reviews

Three decades ago geologist Mary Hill wrote a handbook to the Sierra Nevada's geologic history and it became the standard guide. The aptly named author has now extensively revised her book. It's an armchair traveler's delight and remains an authoritative guide that will well serve a new generation of hikers, campers, and explorers. "Geology of the Sierra Nevada: Revised Edition" (\$19.95 in full-color paperback from University of California Press) contains almost 200 illustrations, including photographs of rock forms and maps showing where to find them. Hill thanks Bill Guyton, professor emeritus of geosciences at Chico State University, "for his careful reading" of the new manuscript and draws on the research he published in "Glaciers of California" (1998). Guyton distinguished between glaciers and smaller "glacierets" and counted 99 glaciers in the Sierra Nevada and 398 glacierets. Hill notes that "the Sierra Nevada has a lot of glaciers, all of them small. If you are looking for the giants of the Great Ice Age, you will have to be content with their spoor." The book is divided into two sections. The first offers a "do-it-yourself rock identification key." A series of maps divides the Sierra Nevada into regions and shows where to find prominent rock formations in each area. The first map, mostly of eastern Butte County, locates "conglomerate" ("rock ... made up of grains 2 mm or more in diameter, together with coarser fragments") along Big Chico Creek. You can see shale in the Dry Creek area and lava flow and basalt on Table Mountain. The second part is the narrative, which takes new research into account.

[Download to continue reading...](#)

Geology of the Sierra Nevada (California Natural History Guides) The Climber's Guide to the High Sierra (A Sierra Club Totebook) Exploring for Oil and Gas Traps (Treatise of Petroleum Geology, Handbook of Petroleum Geology Series) (Treatise of Petroleum Geology, Handbook of Petroleum Geology Series) Mountain Dreamers: Visionaries of Sierra Nevada Skiing Sharks, Rays, and ChimÁrns of California (California Natural History Guides) Sierra Crossing: First Roads to California High Sierra Climbing: California's Best High Country Climbs Geology of California/Book and Geologic Map of California Touring Hot Springs California and Nevada: A Guide To The Best Hot Springs In The Far West Traveling America's Loneliest Road: A Geologic and Natural History Tour through Nevada along U.S. Highway 50 California Rules of Court - State, 2015 ed. (Vol. I, California Court Rules) (California Rules of Court. State and Federal) Simple Foods for the Pack: More than 200 all-natural, trail-tested recipes (Sierra Club Outdoor Adventure Guide) The Sagebrush State, 4th Ed: Nevada's History, Government, and Politics (Wilbur S. Shepperson Series in Nevada History) History of the Big Bonanza (1877): An Authentic Account of the Discovery, History, and

Working of the World Renowned Comstock Silver Lode of Nevada Southwest Fruit & Vegetable Gardening: Plant, Grow, and Harvest the Best Edibles - Arizona, Nevada & New Mexico (Fruit & Vegetable Gardening Guides) California Fruit & Vegetable Gardening: Plant, Grow, and Eat the Best Edibles for California Gardens (Fruit & Vegetable Gardening Guides) Natural Relief from Asthma (Natural Health Guide) (Alive Natural Health Guides) Natural Remedies for Dogs : 101 Safe & Natural Essential Oils' Remedies for Your DOG: (Natural Remedies For Dogs, Essential Oils Remedies For Dogs, Natural Dog Care, Recipes For Dogs, Home Remedies) Essential Mac OS: Sierra Edition (Computer Essentials) Foods of Sierra Leone and Other West African Countries: A Cookbook

[Dmca](#)