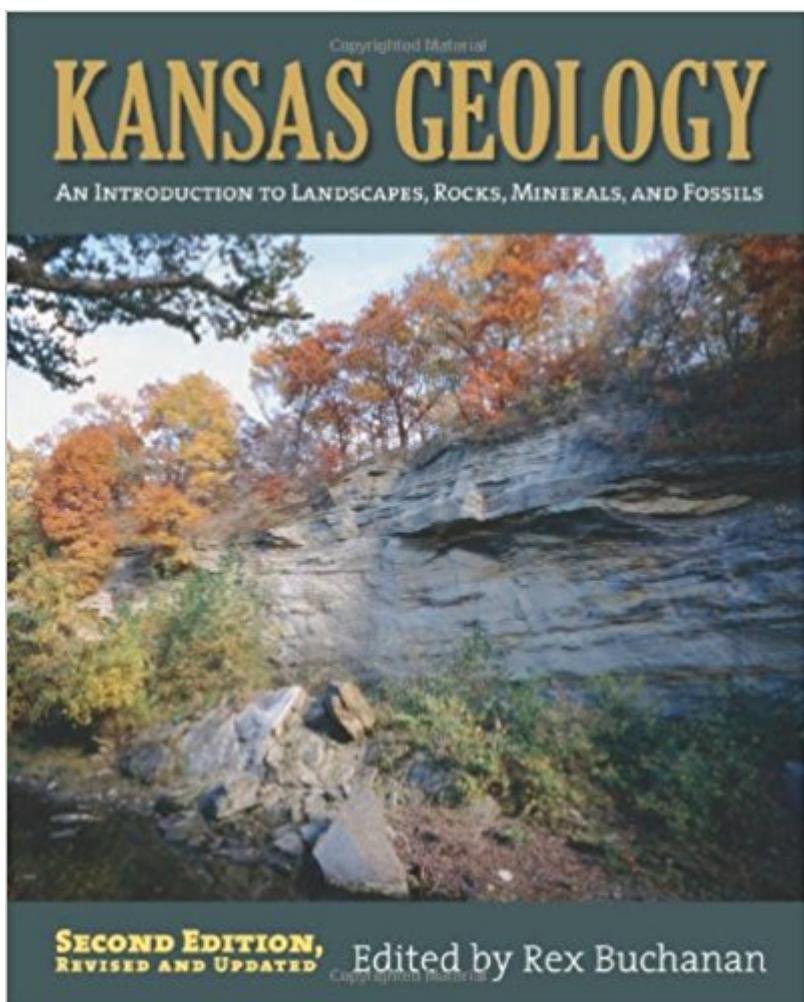


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# Kansas Geology: An Introduction To Landscapes, Rocks, Minerals, And Fossils Second Edition, Revised



## Synopsis

What are the state's outstanding landforms, and where are they found? How were Kansas rocks and minerals formed? Why is Kansas world famous among fossil collectors? How does one "read the rocks" to find evidence of ancient oceans, earthquakes, and even volcanoes in Kansas? Learn all that and much more in this new edition of a classic work designed for both general readers and geologists. Like the original edition, first published in 1984, the revised edition of *Kansas Geology* is heavily illustrated with photographs and line drawings, many of them in full color, plus maps and figures. The introduction sketches Kansas geologic history; discusses how Kansas fits into the geology of the North American continent; explores the concepts of geologic time, labeling, and periods; and describes the natural forces of deposition and erosion. The section on landscapes focuses on the geologic and natural features of Kansas— "those that can be seen on the surface" by describing the characteristics of its eleven physiographic regions. The chapters on rocks and minerals describe what they are composed of, how they were formed, and where they are found. This section includes discussions of sedimentary rocks— "limestones, sandstones, shales, chalk" as well as mineral fuels, minerals, and sedimentary structures. Another chapter reviews Kansas fossil history, describes common fossils and their locations, and explains why Kansas is world famous among fossil collectors. The book also includes a special guide to noteworthy geological formations along Interstate 70 that pinpoints exact spots where interesting landform features can be observed. The new edition has been revised throughout and includes a new and updated version of the guide to the geology along Interstate 70; new photographs that reflect changes in the landscape since the book was originally published; and the latest terminology for the names of geologic periods and individual rock layers. "Would you believe that sharks once swam in the middle of the North American continent? Or that flying reptiles with a wingspan of 20 feet existed, not only in the movies, but actually? These are just two fossils represented among the many illustrations in this interesting and informative book." Coffeyville Journal Published for the Kansas Geological Survey

## Book Information

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## Customer Reviews

"An excellent and accurate summary of the geologic materials of Kansas. . . . Refreshing and informative." --Great Plains Quarterly"Describes how both the animals and the landscape evolved in a state world famous for its fossil deposits." --American West"For native or non-native Kansas travelers, a geologic guidebook that helps distinguish the beauty and fascination of the plains." --Manhattan Mercury"An interesting and informative book." --Coffeyville Journal

Rex Buchanan is Deputy Director of the Kansas Geological Survey and coauthor of the newly revised and updated *Roadside Kansas: A Kansas Guide to Its Geology and Landmarks* (see page 21).

Written in an easy to read manner. Not a textbook. Gives an easy to understand overview of Kansas geology. Includes a handy mile-by-mile interpretation of I-70.

My husband loves the book and it gives us more rockhounding sites to visit. We'll plan our vactions accordingly. Thanks

Can't wait till next spring & summer to explore the low we in KS.

From what I've read, it appears to be an informative, well-written book with good pictures and illustrations. It was shipped in a larger box and placed on top of its packaging material, so although I was careful when opening, I did make a large scratch through the cover. Although it doesn't affect the quality of the book, it may not hold up as well over time.

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