

FOURTH EDITION

1535-2021

# THE GRAND CANYON



A Worldwide Bibliography

*of the* Grand Canyon *and*

Lower Colorado River

*Regions in the United States & Mexico*

VOLUME 1: INTRODUCTION AND BIBLIOGRAPHY

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THE  
GRAND  
CANON



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Volume 1: Introduction & Bibliography [*Fourth Edition*]

Volume 2: Cartobibliography [*Second Edition*]

Volume 3: Grand Canyon, Colossal Mirror [*First Edition*]

## About the Author

My first field of study was geology at Rutgers University in the 1970s. For several years afterward I was in commercial publishing, writing about computer technology — before personal computers. In the early '80s I began an established period of employment in natural history study collections, first at the New Jersey State Museum, then in the Academy of Natural Sciences of Philadelphia. My 18 years in the Academy's employ began in 1986; before that I had been for 12 years a student research assistant and volunteer there. While on staff I was at various times a collection manager in several departments and collections — invertebrate paleontology, paleobotany, mineralogy, malacology, general modern invertebrates (a collection of organisms other than mollusks, insects and arachnids), diatoms, and botany; and continued to volunteer in vertebrate paleontology. My publications have embraced each of these fields — as well as historical and bibliographical topics about the Grand Canyon and Colorado River regions. Concurrently, for seven years I was editor and managing editor of the Scientific Publications branch of the Academy, which publishes peer-reviewed articles and monographs from authors around the globe in America's oldest uninterrupted line of serials on natural history, from 1817. My last five years at the Academy was as its Archivist, for which I had studied in the graduate program of Temple University's Department of History. On leaving the Academy in 2005 I continued my affiliation as an elected Research Associate. For the next 14 years I was Reference Archivist in the research library of the American Philosophical Society, a polymathic institution in Philadelphia founded in 1743 by Benjamin Franklin and others as an American analogue of the Royal Society in London, whose staff supports the society's membership and visiting researchers. Since November 2018 I am enjoying an active retirement continuing all of these interests.



Following two visits to the Grand Canyon in 1974 that included my first canyon hikes, I began work on a bibliography of the canyon and the lower Colorado River country. In 1981, the Grand Canyon Natural History Association (now the Grand Canyon Conservancy) published the first edition as a part of its new Monograph series of scholarly publications. A second edition appeared in 1990, with a supplement in 1993. In January 2000, a completely revised bibliography was placed on the Association's website as a searchable database, which was frequently updated, but discontinued in 2021. In 2012 I privately published the first edition of *THE GRAND CANON*, a much-embellished resurrection of the print monograph, in digital format (PDF) that can be viewed in book layout on screen or printed to paper. The fourth edition (2022), significantly revised, embraces the years 1535–2021 and now cites 106,000 items in 114 languages.

In 1989, the 28th International Geological Congress convened in Washington, D.C., which also offered an ambitious series of field trips across the United States, two of them on the Colorado River through Grand Canyon. My first river trip was with an IGC group. In 1990, I began working as a geology interpreter on yearly summer trips in Grand Canyon with a Colorado River outfitter, continuing this until 2001. I participated in two scientific study trips through the canyon under the Glen Canyon Environmental Studies program administered by the U.S. Bureau of Reclamation, on one of which I prospected for living mollusks, the first such investigation ever to have been made along this canyon river. In 1994, I had attended a Penrose Conference sponsored by the Geological Society of America, "From the Inside and the Outside: Interdisciplinary Perspectives on the History of Earth Science". This conference for the first time brought earth scientists and historians together to discuss how each group approaches research in these complementary fields; from it I developed new perspectives in my research activities, which extended into revisions of the Grand Canyon–Lower Colorado River bibliography. In 2000, I attended a geology symposium at Grand Canyon on "The Colorado River: Origin and Evolution", the proceedings of which were edited by Richard A. Young and me. In 2012 I was honored with the annual Pioneer Award from the Grand Canyon Historical Society. Among many affiliations I hold life memberships with the Grand Canyon Conservancy, the Grand Canyon River Guides, and the Arizona–Nevada Academy of Science.

EARLE E. SPAMER

[pronunciation: *Spah'-mer*]

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