

BIBLIOGRAPHY AND INDEX OF THE  
NEW MEXICO GEOLOGICAL SOCIETY  
GUIDE BOOKS      1950-1963



**NEW MEXICO GEOLOGICAL SOCIETY**

SPECIAL PUBLICATION NO. 1

1964

# PUBLICATIONS OF THE NEW MEXICO GEOLOGICAL SOCIETY

## GUIDEBOOKS

4. Guidebook of southwestern New Mexico; Fourth Field Conference, 1953; edited by Frank E. Kottowski and others; 153+v pages, 70 illustrations. \$5.00
5. Guidebook of southeastern New Mexico; Fifth Field Conference, 1954; edited by T. F. Stipp; 209+viii pages, 76 illustrations. \$5.00
7. Guidebook of southeastern Sangre de Cristo Mountains, New Mexico; Seventh Field Conference, 1956; edited by A. Rosenweig; 1 51+iii pages, 61 illustrations. \$7.00
8. Guidebook of southwestern San Juan Mountains, Colorado; Eighth Field Conference, 1957; edited by Frank E. Kottowski and Brewster Baldwin; 258+vi pages, 110 illustrations. \$7.00
9. Guidebook of the Black Mesa Basin, northeastern Arizona; Ninth Field Conference, 1958; edited by Roger Y. Anderson and John W. Harshbarger; 205o vii pages, 106 illustrations; hard binding. Prepared in cooperation with the Arizona Geological Society. \$8.50
10. Guidebook of west-central New Mexico; Tenth Field Conference, 1959; edited by James E. Weir, Jr., and Elmer H. Boltz; 1 62+iv pages, 91 illustrations; hard binding. \$8.50
11. Guidebook of the Rio Chama country (New Mexico and Colorado); Eleventh Field Conference, 1960; edited by Edward C. Beaumont and Charles B. Read; 129+vii pages, 35 illustrations, hard binding. \$8.50
12. Guidebook of the Albuquerque country (New Mexico); Twelfth Field Conference, 1961; edited by Stuart A. Northrop; 199+viii pages, 83 illustrations, hard binding. \$9.50
13. Guidebook of the Mogollon Rim region, east-central Arizona; Thirteenth Field Conference, 1962; edited by Robert H. Weber and H. Wesley Peirce; 175,xi pages, 77 illustrations, hard binding. Prepared with the cooperation of the Arizona Geological Society. \$9.50
14. Guidebook of the Socorro region, New Mexico; Fourteenth Field Conference, 1963; edited by Frederick J. Kuellmer; 240+ix pages, 90 illustrations, hard binding. \$9.00
15. Guidebook of the Ruidoso country (New Mexico); Fifteenth Field Conference, 1964; edited by Leon V. Davis and Sidney R. Ash, hard binding. \$9.00

## SPECIAL PUBLICATIONS

1. Bibliography and index of the New Mexico Geological Society Guidebooks, 1950-1963; compiled by Sidney R. Ash. **ILC.** /, 40
2. A history of the New Mexico Geological Society; by Stuart A. Northrop. In preparation.

These publications are available by mail (please add 25 cents for postage and handling for guidebooks) from the New Mexico Bureau of Mines and Mineral Resources, Campus Station, Socorro, New Mexico. Also over-the-counter sales at the New Mexico Bureau of Mines and Mineral Resources, Socorro; the Department of Geology, University of New Mexico, Albuquerque; Holman's Book Store, Albuquerque, N. Mex.; and Museum of Northern Arizona, Flagstaff. Checks should be made payable to the New Mexico Geological Society. Discounts of 20 percent are available on all guidebooks except Nos. 12, 13, 14, and 15 to members of New Mexico Geological Society and to non-members who purchase one set or more. Dealer's discounts are available on all publications by request.

## MAPS

Geological maps are available by mail or over the counter from the New Mexico Bureau of Mines and Mineral Resources, Socorro, as follows:

- (a) Geologic highway map of New Mexico; compiled by Frank E. Kottowski and others. \$1.25 folded; \$1.50 rolled. Also available from the Department of Geology, University of New Mexico, and Holman's Book Store, Albuquerque; and Roswell Map Company, Roswell.
- (b) Geologic map of the Sierra County Region, New Mexico; compiled by Vincent C. Kelley; accompanies Guidebook of the Sixth Field Conference. \$1.00
- (c) Geologic map of the Rio Chama country; compiled by Clay T. Smith and William R. Muehlberger; accompanies Guidebook of the Eleventh Field Conference. \$0.50
- (d) Geologic map of the Albuquerque country, compiled by Stuart A. Northrop and Arlette Hill; accompanies Guidebook of the Twelfth Field Conference. \$0.50
- (e) Tectonic map of the Ruidoso-Carrizozo region; compiled by V. C. Kelley and Tommy B. Thompson; accompanies Guidebook of the Fifteenth Field Conference. \$1.00

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## Introduction

The New Mexico Geological Society has published 14 guidebooks in connection with the field conferences that it has held annually since 1950. These guidebooks contain about 400 articles, notes, abstracts, and road logs concerning the geology and natural history of the several areas considered during the Field conferences in parts of New Mexico, Arizona, and Colorado. Some of the articles contain new information whereas others are compilations or reviews of old data which, in some cases, have been brought up to date. Other articles contain the only modern geologic information on certain areas. Although the road logs are of particular value to the newcomer, they can be useful to the "old hand" as well. Thus, the guidebooks and the material they contain can not be ignored by any geologist working in this region, and it is hoped that the following bibliography and index will facilitate mining this wealth of information.

All of the articles, notes, and abstracts contained in the guidebooks are listed and indexed below. The road logs are not listed or indexed but their routes are shown on the Figure (in pocket).

I am grateful to all who have assisted me in the preparation of this bibliography. In particular, I should like to acknowledge the helpful suggestions of Doctors Elmer H. Boltz, Wolfgang Elston, Fred Kuellmer, Stuart A. Northrop, and Mr. Charles B. Read; the careful typing of the manuscript by Mrs. Mary Paul; and the drafting of figure 1 by Mrs. Diana Boltz.

## Bibliography

The several guidebooks are indicated by the number of the field conference for which they were prepared and are listed below. For example, 1st refers to the guidebook issued in connection with the First Field Conference, held in 1950, 2d refers to the guidebook issued in connection with the Second Field Conference; etc.

### List of Guidebooks

- 1st Guidebook of the San Juan Basin (covering the north and east sides), New Mexico and Colorado; First Field Conference, 1950; edited by Vincent C. Kelley and others; 152+ ii pages, 40 illustrations.
- 2d Guidebook of the south and west sides of the San Juan Basin, New Mexico and Arizona; Second Field Conference, 1951; edited by Clay T. Smith and Caswell Silver; 163+ iv pages, 71 illustrations.
- 3d Guidebook of the Rio Grande Country, central New Mexico; Third Field Conference, 1952; edited by Ross B. Johnson and Charles B. Read; 126+ iii pages, 50 illustrations.
- 4th Guidebook of southwestern New Mexico; Fourth Field Conference, 1953; edited by Frank E. Kottowski and others; 153+ v pages, 70 illustrations.
- 5th Guidebook of southeastern New Mexico; Fifth Field Conference, 1954; edited by T. F. Stipp; 209+ viii pages, 76 illustrations.
- 6th Guidebook of South-central New Mexico; Sixth Field Conference, 1955; edited by J. Paul Fitzsimmons; 193+ vii pages, 66 illustrations. Prepared with the cooperation of the Roswell Geological Society.
- 7th Guidebook of southeastern Sangre de Cristo Mountains, New Mexico; Seventh Field Conference, 1956; edited by A. Rosenzweig; 151+ iii pages, 61 illustrations.
- 8th Guidebook of southwestern San Juan Mountains, Colorado; Eighth Field Conference, 1957; edited by Frank E. Kottowski and Brewster Baldwin; 258+ vi pages, 110 illustrations.
- 9th Guidebook of the Black Mesa basin, northeastern Arizona; northeastern Arizona
- 9th Guidebook of the Black Mesa basin, northeastern Arizona; Ninth Field Conference, 1958; edited by Roger Y. Anderson and John W. Harshbarger; 205+ vii pages, 106 illustrations. Prepared in cooperation with the Arizona Geological Society.
- 10th Guidebook of west-central New Mexico; Tenth Field Conference, 1959; edited by James E. Weir, Jr., and Elmer H. Boltz; 162+ iv pages, 91 illustrations.
- 11th Guidebook of the Rio Chama country (New Mexico and Colorado); Eleventh Field Conference, 1960; edited by Edward C. Beaumont and Charles B. Read; 129+ vii pages, 35 illustrations.
- 12th Guidebook of the Albuquerque country (New Mexico); Twelfth Field Conference, 1961; edited by Stuart A. Northrop; 199+ viii pages, 83 illustrations.
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