

BOOK REVIEWS

PROSPECTING FOR GOLD. Third Edition. ION L. IDRIESS, x+272 pages, 22 illustrations. Angus & Robertson Ltd., Sydney, Australia; or Australian Book Co., London. Price 5 shillings.

Appearing first in March 1931 this book was so well received that a third edition of two thousand copies was prepared during March of this year. The latest edition has been enlarged by the addition of chapters on Reefing, Battery Works, Amalgamation, Cyaniding and Opal Mining. The main purpose is to prepare inexperienced men for prospecting and for working alluvial deposits of gold, tin and platinum. Some attention is likewise given auriferous reef prospecting, stamp mill procedure, the amalgamation method and a brief note on the cyanide process. Twenty-four pages are devoted to a discussion of opal searching, extraction and sale.

The conversational style will appeal, no doubt, to the majority of people for whom the book has been prepared. Instructions are clear and detailed with an abundance of practical suggestions likely to save time and material. The importance of hydraulic sluicing is underlined and methods of treatment are considered in detail with the aid of some sketches. The author writes mainly in the hope of helping and stimulating intelligent prospecting in Australia. However, this book should be highly useful to many people of various professions who are now seeking gold in this country. The modest price of the book places it within easy reach of anyone interested in the subject.

ROBERT W. KARPINSKI

THE MIAMI-PICHER ZINC-LEAD DISTRICT. SAMUEL WEIDMAN WITH A CHAPTER ON MINING METHODS BY C. F. WILLIAMS AND A CHAPTER ON MILLING BY CARL O. ANDERSON. University of Oklahoma Press, Norman Oklahoma. Price \$2.50.

The Miami-Picher District is located in the northeastern corner of Oklahoma and is this state's portion of the larger and well known Tri-State District that includes Kansas, Missouri and Oklahoma. It produces 70% of the domestic production of zinc and 15% of the lead.

The present book is an excellent and timely treatise of the geology, mining and milling of this very important district. The major portion of the book, which treats of the geology and ore deposits, is written by Samuel Weidman, Professor of Geology at the University of Oklahoma. It is well organized and concise but comprehensive; a good summary of the existing literature plus Weidman's own field investigations. Maps, diagrams, and photographs are generously supplied and appropriate. Weidman favors the theory of magmatic origin of the ores, paying particular attention to the points most commonly criticized by the theory's opponents. C. F. Williams and Carl O. Anderson contribute authoritative chapters on mining methods and milling. A chapter containing a description of each mine in the district is included. The printing, paper, and binding are to be commended.

A. J. EARDLEY

THE MINERALOGICAL SOCIETY OF AMERICA

We have been able to secure reduced railroad fare for the Cambridge, Massachusetts, meeting December 28-29, 1932, by the round trip identification certificate method. This enables members to purchase before starting, round trip tickets for one and one half times the regular one way fare to Boston, not Cambridge. Tickets must be validated at Boston before beginning the return trip. It will be possible to go by one authorized route and return by another.

These identification certificates must be obtained before purchasing a railroad ticket. If you are going to Cambridge, write to the secretary *at once* for a certificate. Fellows of the Geological Society of America will be supplied direct from headquarters.

FRANK R. VAN HORN, *Secretary*,
Case School of Applied Science
Cleveland, Ohio.

THE MINERALOGICAL SOCIETY OF AMERICA

Thirteenth Annual Meeting

ALEXANDER N. WINCHELL, *President*

Cambridge, Massachusetts

December 28-29, 1932

PROGRAM

In Joint Session with the Geological Society of America, Thursday, December 29, 1932, at 12 o'clock, noon.

A. N. WINCHELL, *Presidential Address: The New Mineralogy.*

LIST OF PAPERS

To be presented Wednesday, December 28, 1932, after the business session at 2 P.M., and thereafter at the regular sessions on Thursday if not previously completed.

1. R. D. BUTLER AND M. J. BUERGER.—**Immersion Liquids of Intermediate Refraction.**
2. A. F. ROGERS.—**The Symbols of Crystal Optics.**
3. A. F. ROGERS.—**Cleavage and Parting in Quartz.**