

MINERALS YEARBOOKS

- †**Minerals Yearbook, 1932-33**, O. E. Kiessling, chief economist, Division of Mineral Statistics. 1933. 61 chapters. 819 pp., 90 figs. This issue represents a change in the method of presenting statistics on economic discussions of minerals. It furnishes statistical information regarding all commercially important minerals, takes the place of "Mineral Resources of the United States," and presents a statistical and economic résumé of conditions in the mineral industries.
- †**Minerals Yearbook, 1932-33**, Statistical Appendix, O. E. Kiessling, chief economist, Division of Mineral Statistics. 1934. 26 chapters. 554 pp., 10 figs. The appendix is a necessary supplement to the Minerals Yearbook, as it includes figures that, up to the printing of the Yearbook, were preliminary.
- †**Minerals Yearbook, 1934**, O. E. Kiessling, chief economist, Division of Mineral Statistics. 1934. 72 chapters. 1154 pp., 106 figs.
- †**Minerals Yearbook, 1934**, Statistical Appendix, O. E. Kiessling, chief economist, Division of Mineral Statistics. 1935. 17 chapters. 475 pp., 7 figs.
- †**Minerals Yearbook, 1935**, O. E. Kiessling, chief economist, Mineral Resources and Economics Division. 1935. 75 chapters. 1293 pp., 129 figs.
- †**Minerals Yearbook, 1935**, Statistical Appendix, O. E. Kiessling, chief economist, Mineral Production and Economics Division. 1936. 15 chapters. 442 pp.
- †**Minerals Yearbook, 1936**, compiled under the supervision of O. E. Kiessling and H. H. Hughes, Mineral Resources and Economics Division. 1936. 69 chapters. 1136 pp., 154 figs.
- †**Minerals Yearbook, 1937**, compiled under the supervision of H. H. Hughes, Economics and Statistics Branch. 1937. 72 chapters. 1502 pp., 120 figs.
- †**Minerals Yearbook, 1938**, compiled under the supervision of H. Herbert Hughes, Economics and Statistics Branch. 1938. 70 chapters. 1399 pp., 91 figs.
- †**Minerals Yearbook, 1939**, compiled under the supervision of H. Herbert Hughes, Economics and Statistics Branch. 1939. 70 chapters. 1422 pp., 93 figs.
- †**Minerals Yearbook, 1940**, compiled under the supervision of H. Herbert Hughes, Economics and Statistics Branch. 1940. 69 chapters. 1514 pp., 99 figs.
- †**Minerals Yearbook, Review of 1940**, prepared under the direction of E. W. Pehrson, Economics and Statistics Branch; editor, H. D. Keiser. 1941. 73 chapters. 1459 pp., 97 figs.
- †**Minerals Yearbook, 1941**, prepared under the direction of F. M. Shore, Economics and Statistics Service. 1943. 74 chapters. 1573 pp., 122 figs.
- †**Minerals Yearbook, 1942**, prepared under the direction of E. W. Pehrson, Economics and Statistics Service; editor, C. E. Needham. 1943. 78 chapters. 1574 pp., 101 figs. Presents economic and statistical summary of mineral industries of the United States in 1942. Because of importance to war program of various minerals formerly classed as "minor," several chapters have been added to cover them adequately. Throughout the volume, special stress is laid on relationship of minerals to war.
- †**Minerals Yearbook, 1943**, prepared under the direction of E. W. Pehrson, Economics and Statistics Service; editor, C. E. Needham. 1945. 79 chapters. 1623 pp., 111 figs. Presents economic and statistical summary of mineral industries of the United States in 1943. Throughout the volume, special stress is laid on relationship of minerals to war.
- †**Minerals Yearbook, 1944**, prepared under the direction of E. W. Pehrson, Economics and Statistics Service; editor, C. E. Needham. 1946. 79 chapters. 1636 pp., 111 figs. Presents economic and statistical summary of mineral industries of the United States in 1944. Throughout the volume special stress is laid on relationship of minerals to war.
- †**Minerals Yearbook, 1945**, prepared under the direction of E. W. Pehrson, Economics and Statistics Branch; editor, H. D. Keiser. 1947. 80 chapters. 1689 pp., 115 figs. The Minerals Yearbook, authoritative publication on the production, distribution, and consumption of mineral commodities, returns to prewar scope and coverage, including many features which were discontinued during the emergency period. In keeping with a broadened interest in the international mineral situation, an expanded foreign minerals section also is included.
- †**Minerals Yearbook, 1946**, prepared under the direction of E. W. Pehrson, Economics and Statistics Division; editor, Allan F. Matthews. 1948. 82 chapters. 1629 pp., 114 figs. The Minerals Yearbook, authoritative publication on the production, distribution, and consumption of mineral commodities, reviews in detail the history of the first postwar year in the mineral industries.
- Minerals Yearbook, 1947**, prepared under the direction of E. W. Pehrson, Economics and Statistics Division, editor, Allan F. Matthews. 1949. 84 chapters. 1616 pp., 109 figs. Presents in detail basic data of the mineral industry during its year of peak activity. \$4.25.
- Minerals Yearbook, 1948**, prepared under the direction of E. W. Pehrson, Economics and Statistics Division; editor, Allan F. Matthews. 1950. 84 chapters. 1652 pp., 127 figs. Reflects broadened interest in the international status of minerals and presents in detail data of the mineral industry during the year. \$4.25.
- Minerals Yearbook, 1949**, prepared by the staff of the Bureau of Mines; editor, Allan F. Matthews; assistant editor, John Hozik. 1951. 85 chapters. 1662 pp., 130 figs. Presents in detail basic data of the mineral industry during the year. A separate section dealing with world mineral production is included. \$4.50.
- Mineral Yearbook, 1950**, prepared by the staff of the Bureau of Mines; editor, Leonard L. Fischman; assisted by John Hozik and Robert E. Herman. 1953. 85 chapters. 1690 pp., 127 figs. The Minerals Yearbook, authoritative publication on the production, distribution, and consumption of mineral commodities, presents in detail basic data of the mineral industry during the year. \$4.50.
- Minerals Yearbook, 1951**, prepared by the staff of the Bureau of Mines; editor, Paul W. McGann, assistant editor, Robert E. Herman. 1954. 90 chapters. 1694 pp., 125 figs. Presents in detail basic data of the mineral industries during the year, which was one of accelerating activity. \$5.25.

†Out of print.

Minerals Yearbooks

Minerals Yearbook, 1952, is published in three volumes, made necessary by an increase in Yearbook material that could no longer be published under a single cover without making the book so thick that it would cause binding problems and so heavy that it would inconvenience the reader. Presents the year's development in the mineral industry. The three volumes permit fuller coverage in all phases of the reports, with major expansion in the geographical section (volume III) and in the review of technologic developments and problems.

Volume I, prepared by the staff of the Bureau of Mines, Minerals Division. 1955. 77 chapters. 1218 pp., 80 figs. Covers the metals and minerals other than fuels. \$4.00.

Volume II, prepared by the staff of the Bureau of Mines, Fuels and Explosives Division. 1954. 15 chapters. 450 pp., 34 figs. Covers the mineral fuels. \$2.25.

Volume III, prepared by the field staff of the Bureau of Mines, Regional Mineral Industry Divisions. 1955. 53 chapters. 1050 pp., 51 figs. Presents statistical data and mineral-industry information for each State and Territory, as well as the island possessions and Canal Zone. Most chapters were prepared under cooperative agreements with State or island agencies for the collection of mineral data. \$3.75.

Minerals Yearbook, 1953, is published in three volumes to provide a more comprehensive review of mineral-industry activities. Presents the year's progress and developments. The three volumes permit fuller coverage in all phases of the reports, but major expansion has been undertaken in the regional presentation (volume III) and in the review of technologic developments and problems in the commodity presentation (volumes I and II).

Volume I, prepared by the staff of the Bureau of Mines, Division of Minerals. 1956. 78 chapters. 1373 pp., 86 figs. Covers the metals and minerals other than fuels. \$4.50.

Volume II, prepared by the staff of the Bureau of Mines, Fuels and Explosives Division. 1956. 15 chapters. 478 pp., 46 figs. Covers the mineral fuels. \$2.25.

Volume III, prepared by the field staff of the Bureau of Mines, Regional Mineral Industry Divisions. 1956. 54 chapters. 1169 pp., 53 figs. Presents statistical data and mineral-industry information for each State and Territory, as well as the island possessions and Canal Zone. Most chapters were prepared under cooperative agreements with State or island agencies for the collection of mineral data. \$4.00.

Minerals Yearbook, 1954, published in three volumes, presents the year's progress and developments, including material collected for the 1954 Census of Minerals Industry.

Volume I, prepared by the staff of the Bureau of Mines, Division of Minerals. 1958. 80 chapters. 1419 pp., 74 figs. Covers the metals and minerals other than fuels. \$4.50.

Volume II, prepared by the staff of the Bureau of Mines, Division of Petroleum, Division of Bituminous Coal, and Division of Anthracite. 1958. 15 chapters. 465 pp., 45 figs. Covers the mineral fuels. \$2.25.

Volume III, prepared by the field staff of the Bureau of Mines, Regional Divisions of Mineral Industries. 1957. 53 chapters. 1179 pp., 60 figs. Presents statistical data and mineral-industry information for each State and Territory, as well as the island possessions and Canal Zone. Most chapters were prepared under cooperative agreements with State or island agencies for the collection of mineral data. \$4.00.

Minerals Yearbook, 1955, published in three volumes, presents the year's development in the mineral industry.

Volume I, prepared by the staff of the Bureau of Mines, Division of Minerals. 1958. 80 chapters. 1357 pp., 80 figs. Covers the metals and minerals other than fuels. \$4.25.

Volume II, prepared by the staff of the Bureau of Mines, Division of Petroleum, Division of Bituminous Coal, and Division of Anthracite. 1958. 14 chapters. 440 pp., 31 figs. Covers the mineral fuels. \$2.25.

Volume III, prepared by the field staff of the Bureau of Mines, Regional Divisions of Mineral Industries. 1958. 73 chapters. 1220 pp., 57 figs. Presents statistical data and mineral-industry information for each State and Territory, as well as the island possessions and Canal Zone. Most chapters were prepared under cooperative agreements with State or island agencies for the collection of mineral data. \$4.00.

Minerals Yearbook, 1956, published in three volumes, provides a record of performance of the Nation's mineral industries during the year.

Volume I, prepared by the staff of the Bureau of Mines, Division of Minerals. 1958. 80 chapters. 1400 pp., 83 figs. Covers the metals and minerals other than fuels. \$4.50.

Volume II, prepared by the staff of the Bureau of Mines, Division of Petroleum, Division of Bituminous Coal, Division of Anthracite. 1958. 14 chapters. 452 pp., 41 figs. Covers the mineral fuels, presenting the year's development in the mineral-fuel industry. \$2.50.

Volume III, prepared by the field staff of the Bureau of Mines, Regional Divisions of Mineral Industries. 1958. 53 chapters. 1202 pp., 55 figs. Presents statistical data and mineral-industry information for each State and Territory, as well as the island possessions and Canal Zone. Most chapters were prepared under cooperative agreements with State or island agencies for the collection of mineral data. \$4.25.

Minerals Yearbook, 1957, published in three volumes, provides a comprehensive review of mineral-industry activities during the year.

Volume I, prepared by the staff of the Bureau of Mines, Division of Minerals. 1958. 81 chapters. 1367 pp., 82 figs. Covers the metals and minerals other than fuels. \$3.50.

Volume II, prepared by the staff of the Bureau of Mines, Division of Petroleum, Division of Bituminous Coal, and Division of Anthracite. 15 chapters. 1959. 490 pp., 44 figs. Covers the mineral fuels. \$2.25.

Volume III, prepared by the field staff of the Bureau of Mines, Regional Division of Mineral Industries. 1959. 53 chapters. 1244 pp., 67 figs. Contains geographic chapters for each State and Territory, as well as the island possessions and Canal Zone. \$4.00.

Minerals Yearbook, 1958, published in three volumes, provides a comprehensive review of mineral-industry activities during the year.

Volume I, prepared by the staff of the Bureau of Mines, Division of Minerals. 1959. 79 chapters. 1230 pp., 62 figs. Covers the metals and minerals other than fuels. \$4.00.

Foreword, by Marling J. Ankeny. 1 p.

Acknowledgments, by Charles W. Merrill. 2 pp.

General reviews:

Employment and Injuries in the Metal and Non-metal Industries, by John C. Machisak. 12 pp. 10 cents.

Review of Metallurgical Technology, by Earl T. Hayes. 6 pp. 5 cents.

Minerals Yearbook, 1958—Continued**General reviews—Continued**

Review of Mineral Industries (Metals and Non-metals Except Fuels), by William A. Vogely, with **Defense Mobilization**, prepared by Gabrielle Sewall. 38 pp., 2 figs. 15 cents.

Review of Mining Technology, by Paul T. Allsman and James E. Hill, with **Special Report on Review of the Adaptation of the Techniques of Statistical Analysis to Mineral Deposit Sampling**, by S. W. Hazen, Jr., and R. M. Becker. 24 pp. 15 cents.

Statistical Summary of Mineral Production,¹ by Kathleen J. D'Amlco. 48 pp. 2 figs. 20 cents.

Commodity Reviews:

Abrasive Materials, by Henry P. Chandler and Gertrude E. Tucker. 17 pp., 2 figs. 10 cents.

Aluminum, by R. August Heindl, C. I. Wampler, and Mary E. Trought. 24 pp. 15 cents.

Antimony, by H. M. Callaway and Edith E. den Hartog. 8 pp. 10 cents.

Arsenic, by A. D. McMahon and Gertrude N. Greenspoon. 5 pp. 5 cents.

Asbestos, by D. O. Kennedy and James M. Foley. 12 pp. 10 cents.

Barite, by Albert E. Schreck and James M. Foley. 12 pp. 10 cents.

Bauxite, by Richard C. Wilmot, Arden C. Sullivan, and Mary E. Trought. 19 pp., 2 figs. 15 cents.

Beryllium, by Donald E. Ellertsen. 7 pp. 10 cents.

Bismuth, by H. M. Callaway and Edith E. den Hartog. 4 pp. 5 cents.

Boron, by Henry E. Stipp and James M. Foley. 12 pp. 10 cents.

Bromine, by Henry E. Stipp and James M. Foley. 4 pp. 5 cents.

Cadmium, by Arnold M. Lansche. 8 pp., 1 fig. 10 cents.

Calcium and Calcium Compounds, by C. Meade Patterson and James M. Foley. 6 pp. 5 cents.

Cement, by D. O. Kennedy and Betty M. Moore. 33 pp., 1 fig. 15 cents.

Chromium, by Wilmer McInnis and Hilda V. Heidrich. 17 pp. 10 cents.

Clays, by Taber de Polo and Betty Ann Brett. 25 pp., 3 figs. 15 cents.

Cobalt, by Joseph H. Bilbrey, Jr., and Dorothy T. McDougal. 10 pp. 10 cents.

Columbium and Tantalum, by William R. Barton. 12 pp. 10 cents.

Copper, by A. D. McMahon and Gertrude N. Greenspoon. 50 pp., 1 fig. 20 cents.

Diatomite, by L. M. Otis and James M. Foley. 5 pp., 1 fig. 5 cents.

Feldspar, Nepheline Syenite, and Aplite, by Taber de Polo and Gertrude E. Tucker. 9 pp. 10 cents.

Ferrous Alloys, by H. Austin Tucker and Hilda V. Heidrich. 10 pp. 10 cents.

Fluorspar and Cryolite, by Robert B. McDougal and James M. Foley. 20 pp. 15 cents.

Gem Stones, by John W. Hartwell and Betty Ann Brett. 12 pp. 10 cents.

Gold, by J. P. Ryan and Kathleen M. McBreen. 18 pp., 3 figs. 10 cents.

Graphite, by Donald R. Irving and Betty Ann Brett. 10 pp. 10 cents.

Gypsum, by Leonard P. Larson and Nan C. Jensen. 13 pp., 3 figs. 10 cents.

Iodine, by Henry E. Stipp and James M. Foley. 4 pp. 5 cents.

Iron and Steel, by James C. O. Harris. 82 pp., 1 fig. 15 cents.

Iron and Steel Scrap, by James E. Larkin. 27 pp., 1 fig. 15 cents.

¹ Same chapter in volume III.

Minerals Yearbook, 1958—Continued**Commodity Reviews—Continued**

Iron Ore, by Horace T. Reno and Helen E. Lewis. 34 pp., 1 fig. 15 cents.

Iron Oxide Pigments, by John W. Hartwell and Betty Ann Brett. 8 pp., 1 fig. 10 cents.

Jewel Bearings, by Henry P. Chandler and Betty Ann Brett. 4 pp. 5 cents.

Kyanite and Related Minerals, by Taber de Polo and Gertrude E. Tucker. 4 pp. 5 cents.

Lead, by O. M. Bishop and Edith E. den Hartog. 34 pp., 1 fig. 15 cents.

Lime, by C. Meade Patterson and James M. Foley. 19 pp., 3 figs. 15 cents.

Lithium, by Albert E. Schreck. 7 pp. 10 cents.

Magnesium, by H. B. Comstock and Jeannette I. Baker. 10 pp., 1 fig. 10 cents.

Magnesium Compounds, by H. B. Comstock and Jeannette I. Baker. 15 pp., 1 fig. 10 cents.

Manganese, by Gilbert L. DeHuff and Teresa Fratta. 26 pp., 1 fig. 15 cents.

Mercury, by J. W. Pennington and Gertrude N. Greenspoon. 17 pp., 1 fig. 10 cents.

Mica, by Milford L. Skow, G. Richards Gwinn, and Gertrude E. Tucker. 20 pp. 10 cents.

Minor Metals, by William R. Barton, Donald E. Ellertsen, Frank L. Fisher, James Paone, and H. Austin Tucker. 12 pp. 10 cents.

Minor Nonmetals, by A. E. Schreck and James M. Foley. 3 pp. 5 cents.

Molybdenum, by Wilmer McInnis and Mary J. Burke. 10 pp. 10 cents.

Nickel, by Joseph H. Bilbrey, Jr., and Ethel R. Long. 15 pp. 10 cents.

Nitrogen Compounds, by E. Robert Ruhlman. 12 pp. 10 cents.

Perlite, by L. M. Otis and James M. Foley. 5 pp. 5 cents.

Phosphate Rock, by E. Robert Ruhlman and Gertrude E. Tucker. 17 pp., 1 fig. 10 cents.

Platinum-Group Metals, by J. P. Ryan and Kathleen M. McBreen. 13 pp., 2 figs. 10 cents.

Potash, by E. Robert Ruhlman and Gertrude E. Tucker. 16 pp., 3 figs. 10 cents.

Pumice, by L. M. Otis and James M. Foley. 6 pp., 2 figs. 5 cents.

Quartz Crystal (Electronic Grade), by G. Richards Gwinn and Gertrude E. Tucker. 4 pp. 5 cents.

Rare-Earth Minerals and Metals, by Walter E. Lewis. 6 pp. 5 cents.

Salt, by R. T. MacMillan and James M. Foley. 12 pp. 10 cents.

Sand and Gravel, by Wallace W. Key and Annie Laurie Mattila. 22 pp., 4 figs. 10 cents.

Secondary Metals—Nonferrous, by Archie J. McDermid. 4 pp., 2 figs. 5 cents.

Silver, by J. P. Ryan and Kathleen M. McBreen. 16 pp., 3 figs. 20 cents.

Slag—Iron-Blast-Furnace, by Wallace W. Key. 9 pp., 2 figs. 10 cents.

Sodium and Sodium Compounds, by Robert T. MacMillan and James M. Foley. 8 pp. 10 cents.

Stone, by Wallace W. Key and Nan C. Jensen. 35 pp., 4 figs. 15 cents.

Strontium, by Albert E. Schreck and James M. Foley. 4 pp. 5 cents.

Sulfur and Pyrites, by Leonard P. Larson and James M. Foley. 20 pp., 2 figs. 15 cents.

Talc, Soapstone, and Pyrophyllite, by Donald R. Irving and Betty Ann Brett. 9 pp. 10 cents.

Thorium, by James Paone. 8 pp. 10 cents.

Tin, by J. W. Pennington and John B. Umhau. 22 pp. 15 cents.

Titanium, by John W. Stamper. 21 pp., 2 figs. 15 cents.

Tungsten, by R. W. Holliday and Mary J. Burke. 12 pp., 1 fig. 10 cents.

Minerals Yearbooks

Minerals Yearbook, 1958—Continued

Commodity Reviews—Continued

- Uranium, by James Paone. 26 pp. 15 cents.
Vanadium, by Phillip M. Busch and Kathleen W. McNulty. 8 pp. 10 cents.
Vermiculite, by L. M. Otis and Nan C. Jensen. 6 pp. 5 cents.
Water, by R. T. MacMillan. 7 pp. 10 cents.
Zinc, by O. M. Bishop and Esther B. Miller. 42 pp., 2 figs. 15 cents.
Zirconium and Hafnium, by F. W. Wessel. 8 pp. 10 cents.

Index. 16 pp.

Volume II, prepared by the staff of the Bureau of Mines, Division of Petroleum, Division of Bituminous Coal, and Division of Anthracite. 1959. 13 chapters. 484 pp., 43 figs. Covers the mineral fuels. \$2.25

Foreword, by Marling J. Ankey. 1 p.

Acknowledgments. 2 pp.

Part I. General Reviews:

- Employment and Injuries in the Fuel Industries, by John C. Mackisak. 5 pp. 5 cents.
Review of the Mineral-Fuel Industries in 1958, by William A. Vogely and T. W. Hunter. 34 pp., 3 figs. 15 cents.

Part II. Commodity Reviews:

A. Coal and Related Products.

- Coal—Bituminous and Lignite, by W. H. Young, R. L. Anderson, and E. M. Hall. 99 pp., 16 figs. 30 cents.
Coal—Pennsylvania Anthracite, by J. A. Corgan, J. A. Vaughan, and Marian I. Cooke. 56 pp., 5 figs. 20 cents.
Coke and Coal Chemicals, by J. A. DeCarlo, T. W. Hunter, and Maxine M. Otero. 66 pp., 3 figs. 20 cents.
Fuel Briquets and Packaged Fuel, by Eugene T. Sheridan and Virginia C. Berté. 15 pp., 1 fig. 10 cents.
Peat, by Eugene T. Sheridan and Virginia C. Berté. 17 pp., 1 fig. 10 cents.

B. Petroleum and Related Products:

- Carbon Black, by Ivan F. Avery and Lullie V. Harvey. 11 pp., 2 figs. 10 cents.
Crude Petroleum and Petroleum Products, by James G. Kirby, Walter G. Messner, and Gladys Hilton. 125 pp., 8 figs. 35 cents.
Natural Gas, by Ivan F. Avery and Lullie V. Harvey. 19 pp., 2 figs. 15 cents.
Natural-Gas Liquids, by I. F. Avery, W. G. Messner, B. D. Furgang, and E. R. Eliff. 18 pp., 2 figs. 10 cents.

C. Helium:

- Helium, by Q. L. Wilcox and Henry P. Wheeler, Jr. 5 pp. 5 cents.

Part III. Appendix:

Tables of Measurement. 1 p.

Index. 4 pp.

Volume III, prepared by the field staff of the Bureau of Mines, Regional Divisions of Mineral Industries. 1959. 53 chapters. 1065 pp., 60 figs. Contains geographic chapters for each State, as well as the island possessions and Canal Zone. \$3.75.

Foreword, by Marling J. Ankeny. 1 p.

Acknowledgments, by Charles W. Merrill. 2 pp.

Employment and Injuries in the Mineral Industries, by John C. Mackisak. 6 pp. 5 cents.

Statistical Summary of Mineral Production,* by Kathleen J. D'Amico. 48 pp., 2 figs. 20 cents.

Mineral Industry of—

- Alabama, by Avery H. Reed, Jr., and Walter B. Jones. Prepared in cooperation with Geological Survey of Alabama. 17 pp., 1 fig. 10 cents.

Minerals Yearbook, 1958—Continued

Mineral Industry of—Continued

Alaska, by Alvin Kaufman, Kevin Malone, Phil R. Holdsworth, and Ruth Robotham. Prepared in cooperation with Alaska Department of Mines. 27 pp., 2 figs. 15 cents.

Arizona, by William H. Kearns, Frank J. Kelly, and D. H. Mullen. Prepared in cooperation with Arizona Bureau of Mines. 24 pp., 2 figs. 15 cents.

Arkansas, by Harry F. Robertson. Prepared in cooperation with Arkansas Geological and Conservation Commission. 17 pp. 10 cents.

California, by L. E. Davis, G. C. Branner, J. B. Mull, and R. Y. Ashizawa. Prepared in cooperation with California Department of Natural Resources, Division of Mines. 58 pp., 1 fig. 20 cents.

Colorado, by Alfred L. Ransome, Frank J. Kelly, William H. Kerns, and D. H. Mullen. 40 pp., 2 figs. 15 cents.

Commonwealth of Puerto Rico, Panama Canal Zone, and Virgin Islands, by W. G. Diamond and Leovigildo Vasquez. Prepared in cooperation with Mineralogy and Geology Section, Economic Development Administration, Commonwealth of Puerto Rico. 5 pp. 5 cents.

Connecticut, by Stanley A. Feitler. 8 pp., 1 fig. 10 cents.

Delaware, by Robert D. Thomson. Prepared in cooperation with Delaware Geological Survey. 4 pp., 1 fig. 5 cents.

Florida, by Lawrence E. Shirley and Robert O. Vernon. Prepared in cooperation with Geological Survey of Florida. 18 pp., 1 fig. 10 cents.

Georgia, by James L. Vallyely and Garland Peyton. Prepared in cooperation with Geological Survey of Georgia. 16 pp., 1 fig. 10 cents.

Hawaii and Pacific-Island Possessions, by L. E. Davis and R. Y. Ashizawa. 4 pp. 5 cents.

Idaho, by Kenneth D. Baber, Frank B. Fulkerson, and Norman S. Petersen. Prepared in cooperation with State of Idaho Bureau of Mines and Geology. 22 pp., 2 figs. 15 cents.

Illinois, by Matthew G. Silkich. Prepared in cooperation with Illinois State Geological Survey. 25 pp., 1 fig. 15 cents.

Indiana, by Donald F. Klyce and John B. Patton. Prepared in cooperation with Geological Survey, Indiana Department of Conservation. 18 pp. 10 cents.

Iowa, by Samuel A. Gustavson. Prepared in cooperation with Geological Survey of Iowa. 11 pp., 1 fig. 10 cents.

Kansas, by W. G. Diamond and Walter H. Schoewe. Prepared in cooperation with State Geological Survey of Kansas. 24 pp., 2 figs. 15 cents.

Kentucky, by Avery H. Reed, Jr., Preston McGrain, and Mildred E. Rivers. Prepared in cooperation with Kentucky Geological Survey. 19 pp., 1 fig. 15 cents.

Louisiana, by Robert S. Sanford, Peter Grandone, and Leo W. Hough. Prepared in cooperation with Louisiana Geological Survey. 25 pp. 15 cents.

Maine, by Robert W. Metcalf and Mary E. Otte. Prepared in cooperation with Geological Survey of Maine. 8 pp., 1 fig. 10 cents.

Maryland, by James R. Kerr and Mary E. Otte. Prepared in cooperation with Maryland Department of Geology, Mines, and Water Resources. 10 pp., 1 fig. 10 cents.

Massachusetts, by Robert W. Metcalf and James R. Kerr. 9 pp., 1 fig. 10 cents.

Michigan, by Donald F. Klyce. Prepared in cooperation with Michigan Department of Conservation, Geological Survey Division, State of Michigan. 27 pp., 2 figs. 15 cents.

* Same chapter in volume I.

Minerals Yearbook, 1958—Continued**Mineral Industry of—Continued**

- Minnesota, by Matthew G. Sikich. 22 pp., 1 fig. 15 cents.
- Mississippi, by Harry F. Robertson and Tracy W. Luak. Prepared in cooperation with Mississippi Geological Survey. 13 pp., 1 fig. 10 cents.
- Missouri, by W. G. Diamond and William C. Hayes. Prepared in cooperation with Division of Geological Survey and Water Resources, Department of Business Administration of Missouri. 22 pp., 15 cents.
- Montana, by Frank B. Fulkerson, Gary A. Kingston, and A. J. Kauffman, Jr. Prepared in cooperation with Montana Bureau of Mines and Geology. 25 pp., 2 figs. 15 cents.
- Nebraska, by D. H. Mullen. 11 pp., 1 fig. 10 cents.
- Nevada, by L. E. Davis, and R. Y. Ashizawa. Prepared in cooperation with Nevada Bureau of Mines. 21 pp., 1 fig. 15 cents.
- New Hampshire, by Joseph Krickich and Mary E. Otte. Prepared in cooperation with New Hampshire State Planning and Development Commission. 7 pp., 1 fig. 10 cents.
- New Jersey, by Joseph Krickich and Stanley A. Feitler. Prepared in cooperation with New Jersey Division of Planning and Development, Bureau of Geology and Topography. 13 pp., 2 figs. 10 cents.
- New Mexico, by Frank J. Kelly, William H. Kerns, and D. H. Mullen. 22 pp., 3 figs. 15 cents.
- New York, by Joseph Krickich and Robert W. Metcalf. Prepared in cooperation with New York State Science Service. 24 pp., 2 figs. 15 cents.
- North Carolina, by James L. Vallyly, Jasper L. Stuckey, and Mildred E. Rivers. Prepared in cooperation with Geological Survey of North Carolina. 19 pp., 1 fig. 15 cents.
- North Dakota, by D. H. Mullen. Prepared in cooperation with State Geological Survey of North Dakota. 12 pp., 1 fig. 10 cents.
- Ohio, by Joseph Krickich, Stanley A. Feitler, and Roy H. Davis. 25 pp., 1 fig. 15 cents.
- Oklahoma, by Peter Grandone and William E. Ham. Prepared in cooperation with Oklahoma Geological Survey. 26 pp., 3 figs. 15 cents.
- Oregon, by Kenneth D. Baber, Frank B. Fulkerson, and Norman S. Petersen. Prepared in cooperation with Oregon State Department of Geology and Mineral Industries. 14 pp., 1 fig. 10 cents.

Minerals Yearbook, 1958—Continued**Mineral Industry of—Continued**

- Pennsylvania, by Robert D. Thomson, Mary E. Otte, and Robert E. Ela. Prepared in cooperation with Pennsylvania Bureau of Topographic and Geologic Survey. 47 pp., 1 fig. 20 cents.
- Rhode Island, by Joseph Krickich. 4 pp., 1 fig. 5 cents.
- South Carolina, by Lawrence E. Shirley and Laurence L. Smith. Prepared in cooperation with South Carolina Geological Survey. 10 pp., 1 fig. 10 cents.
- South Dakota, by D. H. Mullen and Allen F. Agnew. Prepared in cooperation with South Dakota State Geological Survey. 13 pp., 1 fig. 10 cents.
- Tennessee, by Avery H. Reed, Jr., William D. Hardeman, Jr., and Mildred E. Rivers. Prepared in cooperation with Tennessee Division of Geology. 22 pp., 1 fig. 15 cents.
- Texas, by F. F. Netzeband and John T. Lonsdale. Prepared in cooperation with University of Texas, Bureau of Economic Geology. 51 pp., 2 figs. 20 cents.
- Utah, by William H. Kerns, Frank J. Kelly, and D. H. Mullen. Prepared in cooperation with Utah Geological and Mineralogical Survey. 31 pp., 2 figs. 15 cents.
- Vermont, by James R. Kerr. 6 pp., 1 fig. 5 cents.
- Virginia, by Robert W. Metcalf, James L. Calver, and Stanley A. Feitler. Prepared in cooperation with Virginia Division of Mineral Resources. 22 pp., 1 fig. 15 cents.
- Washington, by Frank B. Fulkerson, A. J. Kauffman, Jr., and Gary A. Kingston. Prepared in cooperation with State of Washington Division of Mines and Geology. 16 pp., 1 fig. 10 cents.
- West Virginia, by James R. Kerr and Jean Pendleton. Prepared in cooperation with West Virginia Geologic and Economic Survey. 19 pp. 15 cents.
- Wisconsin, by Lenox H. Rand. Prepared in cooperation with Geological Survey of Wisconsin. 15 pp., 1 fig. 10 cents.
- Wyoming, by Frank J. Kelly, William H. Kerns, and D. H. Mullen. Prepared in cooperation with Geological Survey of Wyoming. 19 pp., 1 fig. 15 cents.