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MANUAL OF MINERALOGY (AFTER JAMES D. DANA)

John Wiley & Sons Incorporated Provides a general introduction to minerology through a study of basic concept, principles, and techniques of the discipline and also through focused analysis of specific minerals. Explains the relationship between chemical composition, internal structure, and physical properties of crystalline matter.

MANUAL OF MINERAL SCIENCE

John Wiley & Sons The classic in the field since 1848, this extraordinary reference offers readers unsurpassed coverage of mineralogy and crystallography. The book is known for integrating complete coverage of concepts and principles with a more systematic and descriptive treatment of mineralogy. The revised edition now includes a CD-ROM to let readers see the minerals and crystals, while also viewing chemical composition, symmetry, and morphological crystallography.

MANUAL OF MINERALOGY (AFTER JAMES D. DANA), EXERCISES

John Wiley & Sons Incorporated Features new chapters on crystal chemistry and mineral stability diagrams, more logical treatments of morphology and internal crystal structure along with extensively revised chapters on mineral chemistry and physical properties. Includes outstanding illustrations, hand specimen photographs and transmission electron microscope structure projects.

DANA'S MANUAL OF MINERALOGY

THE 22ND EDITION OF THE MANUAL OF MINERAL SCIENCE

(AFTER JAMES D. DANA)

CD-ROM contains: many animations that deal with three-dimensional concepts, brief text pages for 104 of the most common minerals, diagrams, illustrations, etc

MANUAL OF MINERALOGY

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MANUAL OF MINERALOGY (AFTER JAMES D. DANA)

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MANUAL OF MINERAL SCIENCE

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PLANET EARTH

COSMOLOGY, GEOLOGY, AND THE EVOLUTION OF LIFE AND ENVIRONMENT

Cambridge University Press This book explains why we have such a vast array of environments across the cosmos and on our own planet, and also a stunning diversity of plant and animal life on earth.

A MANUAL OF MINERALOGY FOR THE USE OF STUDENTS ILLUSTRATED WITH NUMEROUS WOODCUTS BY JAMES D. DANA

EARTH MATERIALS

INTRODUCTION TO MINERALOGY AND PETROLOGY

Cambridge University Press Key concepts in mineralogy and petrology are explained alongside beautiful full-color illustrations, in this concisely written textbook.

A TEXT-BOOK OF MINERALOGY

WITH AN EXTENDED TREATISE ON CRYSTALLOGRAPHY AND PHYSICAL MINERALOGY

DANA'S MANUAL OF MINERALOGY

John Wiley & Sons

MANUAL OF MINERALOGY

MINERALS AND ROCKS

EXERCISES IN CRYSTAL AND MINERAL CHEMISTRY, CRYSTALLOGRAPHY, X-RAY POWDER DIFFRACTION, MINERAL AND ROCK IDENTIFICATION, AND ORE MINERALOGY

Wiley The thoroughly updated Laboratory Manual: Minerals and Rocks: Exercises in Crystal and Mineral Chemistry, Crystallography, X-ray Powder Diffraction, Mineral and Rock Identification, and Ore Mineralogy, 3e, is for use in the mineralogy laboratory and covers the subject matter in the same sequence as the Manual of Mineral Science, 23e.

MANUAL OF GEOLOGY

TREATING OF THE PRINCIPLES OF THE SCIENCE WITH SPECIAL REFERENCE TO AMERICAN GEOLOGICAL HISTORY

MANUAL OF MINERALOGY (AFTER JAMES D. DANA)

John Wiley & Sons

MANUAL OF MINERALOGY, INCLUDING OBSERVATIONS ON MINES, ROCKS, REDUCTION OF ORES, AND THE APPLICATIONS OF THE SCIENCE TO THE ARTS, DESIGNED FOR THE USE OF SCHOOLS AND COLLEGES. BY JAMES D. DANA

THE GEOLOGICAL STORY BRIEFLY TOLD

AN INTRODUCTION TO GEOLOGY FOR THE GENERAL READER AND FOR BEGINNERS IN THE SCIENCE

DANA'S NEW MINERALOGY

THE SYSTEM OF MINERALOGY OF JAMES DWIGHT DANA AND EDWARD SALISBURY DANA

Wiley-Interscience Following in the tradition of the "System of Mineralogy" introduced by Wiley in 1837, this one-of-a-kind reference brings mineralogy into the 21st century. It describes all of the over 3700 recognized mineral species. New features include emphasis on mineral structure, presenting descriptions of all the important species. New specially commissioned structure diagrams describe all the important mineral groups. All homologous species are classified and all polymorphic forms identified. Compact and convenient in one volume, it offers exceptional coverage on where minerals can be found and accurate, up-to-date references.

COLLECTING ROCKS, GEMS AND MINERALS

IDENTIFICATION, VALUES, LAPIDARY USES

Penguin Three Guides in One! Identification, Values, Lapidary Uses Designed with beginners in mind, yet filled with valuable technical information for advanced collectors, Collecting Rocks, Gems and Minerals takes you from being just someone who appreciates rocks to a true "collector." • Easy-to-use, quick reference format arranged by category and color of stone • Covers both lapidary and mineral display materials • Provides values and tips for locating, buying and collecting • Includes organics such as amber, bone, coral, pearl and shell • Lists chemical group, system, hardness, opacity, fracture, specific gravity and more • Contains more than 650 full-color photos • Foreword by Johann Zenz, world renowned agate expert, author and lecturer

MANUAL OF MINERALOGY

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MINERALOGY

AN INTRODUCTION TO MINERALS, ROCKS, AND MINERAL DEPOSITS

Springer Nature This book presents a translation and update of the classic German textbook of Mineralogy and Petrology that has been published for decades. It provides an introduction to mineralogy, petrology, and geochemistry, discussing the principles of mineralogy, including crystallography, chemical bonding, and physical properties, and the genesis of minerals in a didactic and understandable way. Illustrated with numerous figures and tables, it also features several sections dedicated to the genesis of mineral resources. The textbook reflects the authors' many years of experience and is ideal for use in lectures on mineralogy and petrology.

MINERALS

THEIR CONSTITUTION AND ORIGIN

Cambridge University Press The new edition of this popular textbook, once again, provides an indispensable guide for the next generation of mineralogists. Designed for use on one- or two-semester courses, this second edition has been thoughtfully reorganised, making it more accessible to students, whilst still being suitable for an advanced mineralogy course. Additions include expanded introductions to many chapters, a new introductory chapter on crystal chemistry, revised figures, and an extended plates section containing beautiful colour photographs. Text boxes include historical background and case studies to engage students, and end-of-chapter questions help them reinforce concepts. With new online resources to support learning and teaching, including laboratory exercises, PowerPoint slides, useful web links and mineral identification tables, this is a sound investment for students in the fields of geology, materials science and environmental science, and a valuable reference for researchers, collectors and anyone interested in minerals.

MANUAL OF MINERALOGY, INCLUDING OBSERVATIONS ON MINES, ROCKS, REDUCTION OF ORES, AND THE APPLICATIONS OF THE SCIENCE TO THE ARTS, WITH 260 ILLUSTRATIONS. DESIGNED FOR THE USE OF SCHOOLS AND COLLEGES. BY JAMES D. DANA

DANA'S MINERALS AND HOW TO STUDY THEM (AFTER EDWARD SALISBURY DANA)

John Wiley & Sons Demonstrates simple methods for identifying minerals, and describes their chemical and physical properties, occurrence, use, and history

MANUAL OF MINERALOGY, INCLUDING OBSERVATIONS ON MINES, ROCK, REDUCTION OF ORES, AND THE APPLICATIONS OF THE SCIENCE TO THE ARTS, WITH 260 ILLUSTRATIONS, DESIGNED FOR THE USE OF SCHOOLS AND COLLEGES. BY JAMES D. DANA ...

MANUAL OF MINERALOGY AND PETROGRAPHY

CONTAINING THE ELEMENTS OF THE SCIENCE OF MINERALS AND ROCKS FOR THE USE OF THE PRACTICAL MINERALOGIST

A FRESH LOOK AT GENESIS 1-2

HOW GOD'S BOOK OF NATURE IS CONCORDANT WITH HIS BOOK OF SCRIPTURE

Rio Pindo Publishing, LLC One of this book's main themes is how God's 'Book of Nature' is concordant with His 'Book of Scripture'. In their writings, many of the pioneers of the Scientific Revolution often referred to God's two 'Books'. These brilliant naturalists were also devout Christians. But that was back then. Is modern science actually compatible with Scripture? More to the point, are the findings of 21st-century science concordant with the Genesis creation story? What else does the text of Genesis 1-2 have to say? While making an honest effort to answer those questions, some vitally-important theological concepts (which were introduced by Moses in the first two chapters of Genesis) are also examined and discussed in this volume. This comprehensive study (on how modern science is concordant with the intended meaning of the text of Genesis 1-2) has many useful features, including the following: Much of the first two parts of the book consists of background material on: (1) logic, (2) history and philosophy of science, and (3) 'scientific method', as well as (4) basic geological principles, (5) descriptions of Plate Tectonic theory, and (6) the principles and methods of radiometric dating. This background material is designed to help the reader to understand the implications of the empirical evidence presented in Part Two: God's Book of Nature. Similarly, there is also extensive material on: (1) Biblical interpretation and hermeneutics, (2) textual criticism, (3) the history of ancient Israel, (4) development of

the Hebrew language, and (5) some of the basic elements of Biblical Hebrew. This material is given prior to looking at the literary structure and genre of the Genesis 1-2 text, and then conducting thorough and complete exegetical analyses of the various textual units of Genesis 1-2 in Part Four: God's Book of Scripture. Prior to the exegetical analyses for each of the textual units of Genesis 1-2, (1) the Biblical Hebrew text, (2) a standard English translation, and (3) an Interlinear version of the text of that unit are provided. The Interlinear version consists of (a) the Hebrew text, with (b) SBL transliterations and (c) English glosses below each one of the Hebrew words. Color coding and other types of annotations/highlighting are used throughout Part Four: God's Book of Scripture, in order to help the reader identify important Biblical Hebrew elements, including recurring phrases, important BH words, and key BHVS verb forms. There are more than 2000 detailed footnotes. Many of these footnotes also cross-reference other topics in the book to make it easier for the reader to refer back to a discussion of some important theme or concept. Excerpts from the entries of reputable Hebrew and Greek lexicons (for words written in the original languages of the Biblical text) are also footnoted. An Appendix is included with a Key to Transliteration and Pronunciation for Biblical Hebrew graphemes; it also has a short section on Biblical Hebrew Accent Markings. Numerous detailed, colored figures are sprinkled throughout the text. In many of these figures, the artwork itself is worth the inexpensive price of the digital edition of this book. Part Six: The Good News is worth reading as a stand-alone exposition of God's Grace, but it also helps put the rest of the book in context. Although the most common (and logical) way to read *A Fresh Look at Genesis 1-2* is from start to finish, this 1100-page book was also intended to be used as a reference work. Footnotes direct the reader back to pertinent material in preceding chapters that might not have been read already (or that readers might want to revisit, in order to refresh their memory on some topic). More information is available at <https://a-fresh-look-at-genesis.org>

MANUAL OF MINERALOGY (1857)

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THE ENCYCLOPEDIA OF MINERALOGY

Springer Science & Business Media The Encyclopedia of Mineralogy provides comprehensive, basic treatment of the science of mineralogy. More than 140 articles by internationally known scholars and research workers describe specific areas of mineralogical interest, and a glossary of 3000 entries defines all valid mineral species and many related mineral names. In addition to traditional topics - descriptions of major structural groups, methods of mineral analysis, and the paragenesis of mineral species - this volume embraces such subjects as asbestiform minerals, minerals found in caves and in living beings, and gems and gemology. It includes current data on the latest in our geological inventories - lunar minerals. It describes the properties, characteristics, and uses of industrial resources such as abrasive materials and Portland cement. A directory will guide traveling mineralogists to the major mineralogical museums of the world, with their special interests noted. Clear technical illustrations supplement the text throughout. To help the student and professional find particular information there are a comprehensive subject index, extensive cross-references of related topics (whether in this volume or others in the series), and reference lists to background information and detailed advanced treatment of all topics. The Encyclopedia of Mineralogy is a valuable reference and source for professionals in all geological sciences, for science teachers at all levels, for collectors and 'rock hounds', and for all who are curious about the minerals on earth or those brought back from outer space.

A SYSTEM OF MINERALOGY

INTRODUCTION TO OPTICAL MINERALOGY

Oxford University Press, USA This is an ideal textbook for both advanced undergraduates and graduate students. It contains valuable coverage of the optical properties of minerals, as well as up-to-date descriptions of common rock-forming minerals. The chapters on optical theory include discussions of the nature and properties of light, the petrographic microscope, and the behavior of light in isotropic materials and in uniaxial and biaxial anisotropic materials. Thoroughly revised to include recent developments in the field, the book includes step-by-step procedures to guide students through the determination of all optical properties by which minerals are routinely identified with a petrographic microscope. Readers will find descriptive information on over 125 common rock forming minerals, and many photomicrographs and illustrations. The book also includes a flow sheet to guide students through the process of identifying an unknown mineral.

WILLIAM BARTON ROGERS AND THE IDEA OF MIT

JHU Press Exploring the intersection of Rogers' educational philosophy and the rise of technical institutes in America,

this biography offers a long-overdue account of the man behind MIT.

MANUAL OF MINERALOGY

DESIGNED FOR THE USE OF SCHOOLS AND COLLEGES

BoD – Books on Demand Reprint of the original, first published in 1865. Including Observations on Mines, Rocks, Reduction of Ores, and the Applications of the Science to the Arts, with 200 Illustrations. New Edition, Revised and Enlarged.

DE NATURA FOSSILIIUM (TEXTBOOK OF MINERALOGY)

Courier Corporation This 1546 publication remains a landmark in geology, with unprecedented classifications by physical property and locality, simple standardized naming system, summaries of earlier studies, and employment of observation and personal experience.

AN INTRODUCTION TO MINERAL SCIENCES

Cambridge University Press An Introduction to Mineral Sciences explains the principles underlying the modern study of minerals.

STRUCTURAL GEOLOGY

Cambridge University Press This market-leading textbook has been fully updated in response to extensive user feedback. It includes a new chapter on joints and veins, additional examples from around the world, stunning new field photos, and extended online resources with new animations and exercises. The book's practical emphasis, hugely popular in the first edition, features applications in the upper crust, including petroleum and groundwater geology, highlighting the importance of structural geology in exploration and exploitation of petroleum and water resources. Carefully designed full-colour illustrations work closely with the text to support student learning, and are supplemented with high-quality photos from around the world. Examples and parallels drawn from practical everyday situations engage students, and end-of chapter review questions help them to check their understanding. Updated e-learning modules are available online (www.cambridge.org/fossen2e) and further reinforce key topics using summaries, innovative animations to bring concepts to life, and additional examples and figures.

THE REJECTION OF CONTINENTAL DRIFT

THEORY AND METHOD IN AMERICAN EARTH SCIENCE

Oxford University Press on Demand Why did American geologists reject the notion of continental drift, first posed in 1915? And why did British scientists view the theory as a pleasing confirmation? This text, based on archival resources, provides answers to these questions.

MINERALOGY AND OPTICAL MINERALOGY
