
Palaeontology P C Jain

Rural Sociology

Himalayan Geology Seminar, New Delhi, 1976: Geology, stratigraphy, and palaeontology

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Stem & Steam Next-gen Program

Geophysical Monograph

Structural Geology

Principles of Paleontology, 2e (PB)

An Introduction to the Science of Rocks

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Microfossils

Vertebrate Paleontology in New Mexico

The Body Visible of the Invisible Supreme

Geology of Petroleum, 2e

Structural Geology: Fundamentals and Modern Developments

from Palaeoenvironmental Reconstructions to Biostratigraphy

A Textbook of Geology

Bibliography on Palaeontology and Stratigraphy of India, 1947-1980

Paleontology (A True Book: Earth Science)

Understanding Fossils

Principles and Applications

The Visual MBA

Palaeontology Invertebrate

The Study of Prehistoric Life

Vertebrate Paleontology and Evolution

Early Evolutionary History of the Synapsida

Fundamentals of Invertebrate Palaeontology

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Introduction to Geochemistry

Mineralogy

Palaeontology P C Jain

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Rural Sociology New Mexico Museum of Natural History and Science

This book is intended to serve as a text for an introductory course in geochemistry for undergraduate/graduate students with at least an elementary level background in earth sciences, chemistry, and mathematics. The text, containing 83 tables and 181 figures, covers a wide variety of topics ranging from atomic structure to chemical and isotopic equilibria to modern biogeochemical cycles which are divided into four interrelated parts: Crystal Chemistry; Chemical Reactions (and biochemical reactions involving bacteria); Isotope Geochemistry (radiogenic and stable isotopes); and The Earth Supersystem, which includes discussions pertinent to the evolution of the solid Earth, the atmosphere, and the hydrosphere. In keeping with the modern trend in the field of geochemistry, the book emphasizes computational techniques by developing appropriate mathematical relations, solving a variety of problems to illustrate application of the mathematical relations, and leaving a set of questions at the end of each chapter to be solved by students. However, so as not to interrupt the flow of the text, involved chemical concepts and mathematical derivations are separated in the form of boxes. Supplementary materials are packaged into ten appendixes that include a standard state (298.15 K, 1 bar) thermodynamic data table and a listing of answers to selected chapter end questions. Additional resources for this book can be found at: www.wiley.com/go/misra/geochemistry.

Himalayan Geology Seminar, New Delhi, 1976: Geology, stratigraphy, and palaeontology
CUP Archive

Explains in a clear and concise manner the factors involved in the description and classification of fossils and the practical applications of paleontologic data

Gorgon John Wiley & Sons

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. This student-friendly text is written in a casual, jargon-free style to present a modern introduction to mineralogy. It emphasizes real-world applications and the history and human side of mineralogy. The author approaches the subject by explaining the larger, understandable topics first, and then explaining why the "little things" are important for understanding the larger picture.

Stem & Steam Next-gen Program Cambridge University Press

Non-mammalian synapsids were the dominant terrestrial vertebrates from the Late Carboniferous to the Middle Triassic and play a key role in understanding the origin and evolution of mammals. Despite these facts and the outstanding fossil record of the group, early synapsids remain obscure. This book showcases the full breadth of contemporary research on non-mammalian synapsids, ranging from taxonomy and phylogenetics to functional morphology, biogeography, paleoecology, and patterns of diversity. It also underscores the importance and potential of studying non-mammalian synapsid paleobiology in its own right, not just in the context of mammalian evolution.

Geophysical Monograph John Wiley & Sons

Everything fans want to know about the hotly anticipated Twilight movie and much more! Designed as a celebration of the film, this lavishly illustrated paperback edition is an exclusive behind-the-scenes guide featuring full-color photos of the cast, locations, and sets, as well as storyboards, interviews, details of the special effects, and much more.

Oxford University Press, USA

The automated identification of biological objects or groups has been a dream among taxonomists and systematists for centuries. However, progress in designing and implementing practical systems for fully automated taxon identification has been frustratingly slow. Regardless, the dream has never died. Recent developments in computer architectures and innovations in software design have placed the tools needed to realize this vision in the hands of the systematics community, not several years hence, but now. And not just for DNA barcodes or other molecular data, but for digital images of organisms, digital sounds, digitized chemical data - essentially any type of digital data. Based on evidence accumulated over the last decade and written by applied researchers, Automated Taxon Identification in Systematics explores contemporary applications of quantitative approaches to the problem of taxon recognition. The book begins by reviewing the current state of systematics and placing automated taxon identification in the context of contemporary trends, needs, and opportunities. The chapters present and evaluate different aspects of current automated system designs. They then provide descriptions of case studies in which different theoretical and practical aspects of the overall group-identification problem are identified, analyzed, and discussed. A recurring theme through the chapters is the relationship between taxonomic identification, automated group identification, and morphometrics. This collection provides a bridge between these communities and between them and the wider world of applied taxonomy. The only book-length treatment that explores automated group identification in systematic context, this text also includes introductions to basic aspects of the fields of contemporary artificial intelligence and mathematical group recognition for the entire biological community.

Structural Geology Penguin Group USA

The first introductory palaeontology text which demonstrates the importance of selected fossil groups in geological and biological studies, particularly in understanding evolutionary patterns, palaeoenvironmental analysis, and stratigraphy. Part one explores several key concepts, such as the processes of fossil preservation, the determination of evolutionary patterns, and use of fossils and stratigraphical tools. Part two introduces the main fossil groups of value in these applied fields. Part three concentrates on the examination of important case histories which demonstrate the use of fossils in diverse practical examples. Evolutionary studies, palaeoenvironmental analysis, and stratigraphical applications are documented using up-to-date examples supported by overviews of the principles.

Principles of Paleontology, 2e (PB) Geological Society of London

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Palaeontology Microfossils Springer Nature

An Introduction to the Science of Rocks Childrens Press

The Paleobiological Revolution chronicles the incredible ascendance of the once-maligned science of paleontology to the vanguard of a field. With the establishment of the modern synthesis in the 1940s and the pioneering work of George Gaylord Simpson, Ernst Mayr, and Theodosius Dobzhansky, as well as the subsequent efforts of Stephen Jay Gould, David Raup, and James Valentine, paleontology became embedded in biology and emerged as paleobiology, a first-rate discipline central to evolutionary studies. Pairing contributions from some of the leading actors of the transformation with overviews from historians and philosophers of science, the essays here capture the excitement of the seismic changes in the discipline. In so doing, David Sepkoski and Michael Ruse harness the energy of the past to call for further study of the conceptual development of modern paleobiology.

Applications of Non-Pollen Palynomorphs Scholastic Inc.

This long-awaited book about non-pollen palynomorphs (NPPs) aims to cover gaps in our knowledge of these abundant but understudied palynological remains. NPPs, such as fungal spores, testate amoebae, dinoflagellate cysts, acritarchs and animal remains, are routinely recovered from palynological preparations of marine or terrestrial material, from Proterozoic to recent geological times. This book gives the reader a comprehensive overview of the different types of NPPs, with examples from diverse time periods and environments. It provides guidance on sample preparation to maximize the recovery of these NPPs, detailed information on their diversity and ecological affinity, clarification on the nomenclature and demonstrates their value as environmental indicators. This volume will become the reference guide for any student, academic or practitioner interested in everything else in their palynological preparations.

Theory of Structural Geology Houghton Mifflin

Advances in geomicrobiology have progressed at an accelerated pace in recent years. Ehrlich's Geomicrobiology, Sixth Edition surveys various aspects of the field, including the microbial role in elemental cycling and in the formation and degradation of minerals and fossil fuels. Unlike the fifth edition, the sixth includes many expert contributors

Gondwana Six Createspace Independent Publishing Platform

This book on Engineering Chemistry has been entirely rewritten in order to make it up-to-date and modern, both in approach and content. All diagrams have been redrawn or replaced by new ones. To meet the requirements of the latest syllabi of the various universities of India, topics like transition metals, coordination compounds, crystal field theory, gaseous and liquid states, adsorption, flame photometry, fullerenes, composites, mechanism of some typical reactions, oils and fats, soaps and detergents, have been included or expanded upon. A large number of solved numerical examples drawn from various university examinations have been given at the end of theoretical part of each chapter. Questions have been drawn from latest examinations of various universities.

Theory, Approaches and Applications CRC Press

This handbook is designed to serve as a manual for those considering or engaged in entrepreneurship. It deals with three major components of entrepreneurial activity: inspirational,

technical and behavioural. It contains numerous case studies and illustrations and is written by experts with years of hands on experience.

Essays on the Growth of Modern Paleontology Springer Science & Business Media

In this book the task of summarising modern petrology from the genetic standpoint has been attempted. The scale of the work is small as compared with the magnitude of its subject, but it is nevertheless believed that the field has been reasonably covered. In conformity with the genetic viewpoint petrology, as contrasted with petrography, has been emphasised throughout; and purely descriptive mineralogical and petrographical detail has been omitted. Every petrologist who reads this book will recognise the author's indebtedness to Dr. A. Harker and Dr. A. Holmes, among British workers; to Prof. R. A. Daly, Dr. H. S. Washington, and Dr. N. L. Bowen, among American petrologists; and to Prof. J. H. L. Vogt, Prof. V. M. Goldschmidt, Prof. A. Lacroix, and Prof. P. Niggli, among European investigators. The emphasis laid on modern views, and the relative poverty of references to the works of the older generation of petrologists, does not imply any disrespect of the latter. It is due to recognition of the desirability of affording the petrological student a newer and wider range of reading references than is usually supplied in this class of work; for references tend to become stereotyped as well as text and illustrations. Furthermore it is believed that all that is good and living in the older work has been incorporated, consciously or unconsciously, in the newer.

Ehrlich's Geomicrobiology Springer Nature

An illustrated "instant MBA" degree presented in an engaging, sketch notes-style that covers all the main concepts taught in a traditional business school program--at a fraction of the cost.

An Introduction to Invertebrate Palaeontology University of Chicago Press

This book provides practical morphological information, together with detailed illustrations and brief explanatory texts. Each chapter starts with a brief introduction, and goes on to describe the respective organism's morphology in detail through numerous illustrations. This is followed by a brief note on its classification, and concludes with illustrated examples of stratigraphically important organisms through time with their major distinguishing characteristics. Featuring over 2500 clearly labelled, hand-drawn and classroom-friendly illustrations, the book offers a fundamental resource for budding palaeontologists, petroleum geologists and palaeobiologists.

Lesson Plans, Stem Career Focus, Engineering Design Process, Next Generation Science Standards, Strategies and Activities for K-5 Teachers Little, Brown Books for Young Readers

An investigation into a 250-million-year-old environmental apocalypse that predated the age of the dinosaurs describes an event that caused the annihilation of ninety percent of all plant and animal species on Earth, taking a close up look at the prehistoric world of the gorgons, the causes of mass extinctions, and their implications for the future of humankind. Reprint.

Twilight: The Complete Illustrated Movie Companion John Wiley & Sons

Protozoa; Porifera; Coelenterata; Ctenophora; Worm phyla; Annelida; Bryozoa; Polyzoa; Phoronida; Brachiopoda; Mollusca; Annelida; Onychophora; Arthropoda; Echinoderma; Hemichordata; Conodontophorida.

Fundamentals of Historical Geology and Stratigraphy of India Pearson Higher Ed

Geology is an inter-disciplinary science and the advance made in its understanding is based on valuable research contributed from the other sciences. This has given rise to a host of specialised

fields such as environmental geology, marine geology, photogeology and mining geology, to me a few. This book has been written for the first year students of Geology and also for those who have opted for Geology as one of their subjects for competitive examinations such as UPSC, MPSC and others.

Stratigraphy, Sedimentology, and Paleontology CBS Publishers & Distributors Pvt Limited, India

This revolutionary STEM & STEAM Next-Gen Program is a cutting edge scientific learning system. It will accelerate engagement in hands-on learning and teaching projects. Aligned to the Next

Generation Science Standards (NGSS), students will make their own state-of-the art projects. It includes: 10-weeks of accelerated learning lesson plans. Introduction to STEM careers, including scientists, engineers, architects, coders, robotics, and more. STEM activities related to real world challenges professionals face. Minimal preparation, hassle-free resource for teachers and educators. Checklist for preparation and planning in advance. Lessons following the Engineering Design Process set on a timeframe.

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