

Geological Formation Names Of China

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Explore the diverse and ancient geological formations across China, from its iconic karst landscapes to majestic mountain ranges. This resource provides a comprehensive list of unique Chinese geology names, highlighting famous rock formations and significant geological sites of China that define the country's rich topographical heritage and natural beauty.

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Geological Formation Names of China (1866—2000)

Geological Formation Names of China (1866—2000) is the only catalogue on stratigraphic nomenclature for China in the world to keep two writing types (Wade-Giles Romanization and Chinese Phonetic Alphabet) so as to provide convenience for domestic and overseas readers. The catalogue is intended for specialists and graduates in Geosciences and Stratigraphy. Shouxin Zhang (1927 —2006) was stratigrapher and research professor at the Institute of Geology and Geophysics, Chinese Academy of Sciences.

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Reading China's Rock Formations

This book is written by a dedicated amateur geologist, fascinated with the geology of China (pdf version). Building on his previous edition, the author has enriched the present version with many new photos. The author feels that publicly available academic geological research on China can be suitably interpreted to the wider public. This will allow more people to gain a better appreciation and understanding of the geological landscapes of China, which should be viewed as an important part of our Earth's geology and history. Using a down-to-earth framework provided in this book, the readers can easily build up a useful framework to understand and appreciate the geology of China. The text, diagrams and maps in the book are bilingual throughout. The book is illustrated with more than 100

useful diagrams, maps and photos. These extensive illustrations shall make the book enjoyable to read and useful to keep!

Biostratigraphy of China

Distributed by Elsevier Science on behalf of Science Press. Biostratigraphic data are basic to geological and palaeontological research. This book presents up-to-date material and research achievements in biostratigraphy in recent decades in China, and provides a variety of knowledge to lay a solid foundation for geologists and palaeontologists worldwide. It consists of 13 chapters covering 13 major geological systems. Every chapter addresses tectonic sedimentary domains, current biostratigraphic systems, series boundaries, faunal/floral succession, evolutionary trends and bioevents, correlation of the standard columns in China with other part of the world, facies patterns, palaeobiogeography and palaeogeography. * Up-to-date and authoritative data basic to geologic research about China and all Asia * Concepts, procedures and classification follow modern international standards updated to the present * Written by leading Chinese geologists and palaeontologists

The Geology of China

The first published account in forty years, this up-to-date survey of the geology of China, written by three prominent Chinese scientists, makes available to the West a vast body of information hitherto difficult to obtain, including data gleaned from many papers and unpublished reports produced in China since 1949. The core of the book is a fourteen-chapter survey of the geological history of China, from the Archaean to the Quaternary. The book also features a consideration of igneous and metamorphic rock, and concludes with a description of the geotectonics of China. This landmark volume will be an integral part of all library collections in geology.

Characteristics of Chinese Petroleum Geology

"Characteristics of Chinese Petroleum Geology: Geological Features and Exploration Cases of Stratigraphic, Foreland and Deep Formation Traps" systematically presents the progress made in petroleum geology in China and highlights the latest advances and achievements in oil/gas exploration and research, especially in stratigraphic, foreland and deep formation traps. The book is intended for researchers, practitioners and students working in petroleum geology, and is also an authoritative reference work for foreign petroleum exploration experts who want to learn more about this field in China. As President of the Chinese Petroleum Society, former Vice-President of PetroChina Company Limited, and Academician of the Chinese Academy of Sciences, Dr. Chengzao Jia has been engaged in geological research for 30 years and in oil/gas exploration for more than 20 years.

China — Stratigraphy, Paleogeography and Tectonics

all such systems are important, the Proterozoic column This volume concerns the geology of China, and it examines that concern by exposition of the stratigraphy, possibly is unique in its continuous sedimentary development the paleogeography, and the tectonics of that remarkable opment and in its reference section of global rank. In paleogeography, this volume describes and illustrates country. In this sense, therefore, our aims and purposes are explicit in the title. The senior author and his colleagues, furthermore, do not have in mind any special Succeeding descriptions and illustrations trace the ebb and flow of shallow marine waters across China as or specific audience. This volume is quite simply for all geologists. By far the majority will be those whose Phanerozoic time of more than 600 million years elapses native tongue is English, or those who understand from the beginning of the Cambrian to the present. In structure, this volume emphasizes the importance English. Not to be overlooked, moreover, is the large number of Chinese geologists who not only read English of para-platforms, platforms, geosynclines, and great but also who themselves write studies in English that east-west zones of fracture in the Precambrian, also the appear in publications in both their homeland and effects of these early structural elements on structure abroad. in the ensuing Phanerozoic. In the Phanerozoic itself, north-south stress developed in the pre-Phanerozoic A constantly growing interest in the geology of China continued through much of the Paleozoic.

Bibliography of the Geology of China

"A comprehensive compilation of information relevant to the correlation of the Chinese Silurian rocks by means both of fossils and physical data available through 1980..." Abstract.

Correlation of the Silurian rocks of China

This Open Access book introduces readers to the regional geology of Hanggai, Xianxia and Chuancun, the area between China's northern Zhejiang Province and southern Anhui Province and explores the strata, magmatic rocks and tectonic structures in 1:50,000 scale geological maps. Based on studies of multiple stratigraphic divisions, the standard stratigraphic section of the upper Ordovician Hirnantian in the lower Yangtze region is established, revealing for the first time numerous "Burgess Shale-type" sponge fossils in Hirnantian strata and identifying 10 grapholite fossil belts and various fossil categories, including chitin, trilobites, gastropods, brachiopods, and cephalopods. Moreover, the book identifies for the first time Late Ordovician volcanic events in northern Zhejiang province. The work represents a major contribution to research on Paleozoic strata in the Lower Yangtze region, and sheds new light on understanding the Hirnantian glacial event and biological extinction event in South China by providing a high-precision time scale. In addition, the book opens an important avenue for future research on sponge evolution after the Cambrian life explosion. As such, it offers a unique and valuable asset for researchers and graduate students alike.

Stratigraphy of China: Palaeozoic and older. 1923-24

Extensive descriptions of a wide range of key or world-class mineral deposits of China are presented in the context of the country's general geology, tectonic units and mineral systems and their geodynamic evolution within the tectonic framework of the Asian continent. This comprehensive overview, incorporating the latest geological concepts, is the first such coverage written in English by a western expert, and will be of benefit to mineral explorers and miners, as well as to research scientists and students in institutions of higher education. In his compilation of this compendium of Chinese geology and mineral systems, Franco Pirajno draws on first-hand knowledge of China's geology and mineral deposits gained in numerous field visits and research projects with Chinese colleagues from various academic institutions over the past 18 years. First time that a western-based book on China's geology and mineral deposits is published. Appropriate for use by the mineral exploration industry. Modern English-language geological and mineral deposits information on China. Most useful to Western (and Chinese) geoscientists.

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This is a dedicated amateur geologist fascinated with the geology of China. It is a revised version to the traditional Chinese and English version of "Reading China's Rock Formations - Discovering with geology enthusiasts" written by the author in 2021. The author not only retaining and updating the plentiful Chinese geological knowledge and more than 100 useful diagrams, maps and photos he shared in the traditional Chinese version, he also enriched the present edition with many travel photos and geographic pictures, which enhances this book's geological knowledge and information. The author loves to share both these books with amateurs and professional geologists alike.

Memoirs of the Geological Survey of China

The Lymnaeidae (also known as 'pond snails') are a species-rich and globally distributed family of freshwater snails, many species of which are known to be hosts of parasitic trematodes (such as the liver fluke, *Fasciola hepatica*). Written by world-leading experts in the field, this book covers a wealth of topics ranging from the phylogeny and taxonomy of lymnaeid snails to their relationships with helminths and their impact on public and veterinary health. It provides an overview of the species richness, evolution, ecology, biogeography and fossil record of the family. A considerable number of chapters are devoted to the economic and medical importance of lymnaeids, their involvement in the transmission of fascioliasis and other zoonotic diseases. Special chapters deal with the molecular and morphological identification of the Lymnaeidae, their rearing in the laboratory and experimental approaches to their study. This contributed volume is aimed at experts and practitioners in various disciplines: Invertebrate zoology, evolutionary biology, biogeography, aquatic ecology, parasitology, epidemiology and public health. It is also useful for university lecturers, undergraduate and postgraduate students.

Regional Geological Survey of Hanggai, Xianxia and Chuancun, Zhejiang Province in China

This volume provides accounts of up-to-date research by Chinese and international geological teams on key aspects of the tectonic evolution of China and its surrounding areas. The papers describe the formation of the geological terranes that make up this part of east Asia, place constraints on plate tectonic models for their assembly and provide accounts of unique geological feature of the subcontinent.

The Geology and Tectonic Settings of China's Mineral Deposits

This book introduces the geological background of sandstone-type uranium deposits in the Ordos Basin, Northwest China. Through comparative study of a large number of practical data such as uranium, coal and oil boreholes, the research system takes sedimentary basin as a unit and fully utilizes geological principles and test analysis to study the basic geological, geophysical, geochemical and remote sensing image characteristics of the basin, and to restores the favorable uranium-forming geological background brought by the change of the cognitive sedimentary environment conditions. It can be used as a reference for researchers, practitioners and as well as teachers and graduate students working in uranium deposit geology, sedimentary geology and related areas

Geology of China's Rock Formations(pdf version)

Geology of the China Seas represents the first English-language synthesis of the available research into the geology of the South and East China Seas. Among the marginal basins worldwide, these areas have been the focus of extensive research activities in the last three decades, and are now among the global hot spots in hydrocarbon explorations and scientific investigations. The region is experiencing rapid economic development with the offshore petroleum industry providing approximately one third of the domestic hydrocarbon production for mainland China. Gas hydrates have been successfully recovered from the China Seas for the first time. Over the years, many volumes on the geology of the China Seas have been published in Chinese. Although an increasing number of papers in English have appeared recently, the majority deal with local or regional paleo-environment and sedimentology, and are scattered in different journals. This book brings together this rich data in one resource, particularly that generated by Chinese marine geologists and petroleum geologists, and provides the very first synthesis of the geology off China. The first systematic summary of the geology of the China Seas Includes comprehensive coverage of the South China Sea and the East China Sea, including the Yellow Sea and Bohai Gulf Reviews hundreds of Chinese publications on marine and petroleum geology not currently accessible to the international community

Geological Researches in China, Mongolia, and Japan

Telychian Rocks of the British Isles and China (Silurian, Llandovery Series