

科研书籍 Book Reviews

广西地层之一——《广西的泥盆系》

《广西的泥盆系》是根据地质矿产部“七五”科研项目《广西泥盆纪断代总结》的成果编纂而成，由中国地质大学出版社于1992年出版发行。参加该项目的研究人员有广西壮族自治区地质矿产局的钟铿、吴诒、殷保安、梁演林、姚肇贵、彭金兰等。

广西泥盆纪地层层序完整，沉积类型多样；发育齐全，分布相当广泛；出露良好，接触界线清楚；生物繁茂，化石保存完好；是中国南方海相泥盆纪地质发育最佳的地区之一，在国际上久负盛名。

《广西的泥盆系》既反映广西泥盆纪地层研究现状，又介绍作者们在前人研究的丰富资料基础上，运用现代地层学、沉积学的理论和多重地层划分的原则，论述广西泥盆纪的岩石地层、生物地层和年代地层。对前人创建的地方性地层单位进行清理、厘定；系统总结14个门类的动植物化石群，大部分建立了化石带；详细讨论年代地层界限以及与邻省和国际间的对比。此外，对海水进退、地壳运动、火山活动所记录的事件地层，以及磁性地层、地层地球化学特征、古地理概貌和赋存的主要矿产及其远景，也作了扼要叙述。攀领地表达了对研究广西泥盆纪地层的主要观点，其中有一些属新见解，并着重指出广西有色金属矿产的赋存与泥盆纪地层的关系。充分体现出广西泥盆纪地层研究的当代水平。（钟铿，广西地质矿产局，南宁市建政路1号，530023）

Devonian of Guangxi: Stratigraphy of Guangxi, China. Part I

Zhong Keng et al.

China Geosciences University Publishing House, 1992

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The publication is based on the research results of the subject, Summary of Break-period Devonian Strata in Guangxi, Supported by the Bureau of Geology and Mineral Resources in the seventh five-years period. Research fellows who had taken part in the subject are Zhong Keng, Wu Yi, Yin Bao'an, Liang Yianlin, Yao Zhaogui, Peng Jinlan, et al. Devonian strata in Guangxi has developed in a complete sequence, distributed quite widely and exposed well in sections, enriched in fossils. The Devonian system with clear contact boundaries has a series of types of well-developed sedimentary facies. Guangxi is one of the areas with the most completely developed marine Devonian strata in South China, and also famous for the Devonian in the world. The authors' situation about Devonian strata in Guangxi is also presented. On the basis of rich previous data, the researchers expound the Devonian lithostratigraphy, biostratigraphy and chronostratigraphy in Guangxi by using the modern theory of stratigraphy, sedimentology and the principle of multiple stratigraphic division. And checking the local stratigraphic unit created by previous scholars and defining the local stratigraphic units again and, systematically summing up fourteen phyla of floral and faunal fossils, most of them being established fossil zones, and discussing the boundary of chronostratigraphy and its correlation with neighboring provinces and other countries in detail. Additionally, the authors also briefly summarize the event strata caused by marine transgression and regression, crustal movements and volcanism, and magnetic strata, stratigraphic geochemistry, palaeogeographic outline and mainly hosted mineral resources and its prospect. And putting forward their major viewpoints (including some new ones) about researching Devonian strata in Guangxi, especially focusing on the relation between nonferrous metal ores and the Devonian strata, and the publication fully reflects the updated level of the research on the Devonian of Guangxi. (Zhong Keng, Bureau of Geology & Mineral Resources Guangxi Zhuang Autonomous Region, 1 Jianzheng Road, Nanning, Guangxi, 530023)