Conclusions: Based on the Field investigation and lab test of the soft soil in Poyang lake area, combining with the regional distribution, the mineral composition and the geochemical characteristics of the newly deposited since the Quaternary system in largest fresh water lake of the China, detailed comparative analysis between the edimentary environment and sedimentary characteristics and the main engineering geological characteristics in Poyang lake region, the 4 sub-classification distribution area was proposed, and result show the the flexible classification based on the geological environment, macrostructure, microstructure and engineering characteristics of soft soil deposits is conducive to the establishment of a searchable database of lake soft.

Keywords: geological formation; soft soil; engineering geology; genetic type; Poyang Lake

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《王思恩文集》评介

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《王思恩文集》(上、下卷). 2019. 北京:地质出版社. 上卷 504 页,下卷 608 页。李廷栋院士、莫宣学院士、侯增谦院士和柳永清研究员分别作序,另有 18 篇纪念文章,上、下卷各有前言,并附有年表、附录和王思恩先生生平照片。定价 380 元。

《王思恩文集》(上、下卷)能及时整理出版,是古生物学界一大幸事,是一部重要的经典专著,其中囊括了古生物学的叶肢介分类,也包括了中国侏罗纪、白垩纪和三叠纪地层区划和地层对比。王思恩先生的夫人孙桂英研究员,作为非古生物专业的学者,耗时三年对王思恩的学术研究进行了系统整理和资料追索,特别是将新属、新种的描述与正型标本进行了逐件对应,确定了王先生在该学科研究的系统性和完整性。

该专著能顺利出版还得益于两个方面:一是王先生平生的日记、专题研究的卡片和系统的学术研究记录;二是完整的正型化石标本和未定种标本的保存(该批化石几经磨难,如:文革搬家、中国地质科学院大院内部装修和历年标本库的清理和变迁等)。孙老师通过系统整理,为中国地质科学院地质研究所留下了第一份系统的叶肢介化石分类清单和第一套实体化石标本,特别是附有历年野外记录本和工作日记的清单;为建国后老一辈古生物学家(如孙云铸院士等)建立的古生物室留下一份珍贵的系统资料,特别是为当代和后人关于化石留存提供了一个典范,为国内外学者提供了原始化石研究的实物标本和野外记录。

《王思恩文集》中可以追索到中国近 50 年来地学研究的足迹。

《王思恩文集》(上、下卷)在字里行间体现了新中国成立后中国知识分子特有品质;纪念文章表述了王先生一生淡泊名利,学业有成,教子有方的中国学者高尚品德。

上卷中包括三大部分:① 王思恩工作和部分科研成果的回顾,体现了科研的认识过程;② 王思恩先生所建叶肢介新科、新属和新种目录,是一份重要的化石标本清单;③ 王思恩年表,与中国科技复兴和国家科技进展休戚相关,是一份不可多得的历史记录。本卷中摘选了 39 篇论文汇编成册,有利于专家、学者阅读。

下卷包括四大部分:① 中国侏罗纪地层区域地层划分和陆相生物区系特征;② 中国陆相地层含煤与聚煤规律的讨论;③ 三叠纪地层的划分依据;④ 叶肢介化石描述和新科的建立。

四篇序言高度评价了王思恩文集(上、下卷)的出版,指出,这是对王思恩先生毕生科学成就和贡献的展现。

(章雨旭 编辑)

GAO Linzhi: A review on the book *The Collected Works of Prof. WANG Si' en*

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