

Preface

Systematic classification and accurate identification of benthic foraminifera has been a keystone for the reconstruction of paleoceanography. However, general identification books on benthic foraminifera from the China Seas are very limited. Many Chinese geologists of old generation, for example, Yan He, Yi Chun Hao, Pin Xian Wang, etc., had made great contributions to foraminiferal research on the China Seas. With the evolution of foraminiferal taxonomy and application of molecular studies, there is a need to summarize the characteristics of foraminiferal fauna from China Seas and to report to the world. The book series "Atlas of Benthic Foraminifera from China Seas" shouldered the burden of connecting research achievements from the old generation of Chinese geologists to the modern understanding of foraminiferal taxonomy. The present book concerning the Bohai Sea and the Yellow Sea fauna is the first part of this book series on the China Seas.

In this monograph, 183 species belonging to 92 genera, 51 families, and five orders are described. Among these species, one new genus and eight new species were established; one new combination and four new statements were reported; thirteen were new records to the China Seas and two were newly redescribed since the species were established half a century ago. We also try to present an up-to-date taxonomic status with morphological details for each species, and therefore we have made extensive use of micrographs.

"The more you know, the more you don't know (from Aristotle, Greek)", we certainly understand that the more problems we meet in foraminiferal taxonomy, the closer we are approaching to the truth. Although there are still a lot of shortcomings and deficiencies in this monograph, we try to introduce our understanding and share our experiences on benthic foraminifera from China Seas to the world. Your comments and criticism are greatly welcomed. Please contact to the following emails: tgli@fio.org.cn; leiyanli@qdio.ac.cn.

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