

A detailed black and white micrograph of a rock surface, showing a dense array of microfossils. The fossils vary in shape and size, including circular, oval, and elongated forms, some with distinct radial or concentric patterns. The background is a dark, granular matrix. A large, solid green diagonal shape overlaps the right side of the image, serving as a background for the title and author information.

***LATE CRETACEOUS  
MICROFACIES  
OF IRAQ***

By  
**Reda M. Amer**

Scientific Editing  
By  
**Tarek S. Abawi**

# **LATE CRETACEOUS MICROFACIES OF IRAQ**

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## PREFACE

The current book (Late Cretaceous Microfacies of Iraq) is a successful attempt by the author; Mrs. Reda M. Amer, after a long period of hard work that lasted for about four years. Mrs. Amer joined Iraq Geological Survey (GEOSURV-Iraq) in 1974 as a paleontologist in the Laboratories Department, before retirement in 2006 as a Senior Chief Geologist.

This book is not the first published work by the author; she was a coauthor with Dr. Hisham A.J. Al-Hashimi of the book entitled "Tertiary Microfacies of Iraq" published by GEOSURV in 1985. During her career in GEOSURV, Mrs. Amer was well acquainted with the Cretaceous stratigraphy of Iraq; she studied thousands of surface and subsurface samples from different parts of the country, collected during regional and detailed geological survey projects. She started writing the current book before being retired and continued after retirement; an effort highly appreciated by GEOSURV-Iraq.

All thin sections used by the author in this study were cross checked and the fossil identification approved by Prof. Dr. Tarek S. Abawi (Micropaleontologist) from Mosul University. Moreover, Dr. Buthaina S. Al-Jiburi (Head of the Paleontology Laboratory, GEOSURV) also contributed in the checking of the identified fossils in each thin section studied. Prof. Dr. Zuhair Al-Shaikh from Baghdad University carried out linguistic checking and Mr. Hayder H. Taha (Technical Programmer, GEOSURV) performed the technical editing. The undersigned performed linguistics, formatting and editing requirements, as well as some regional geological comments, wherever necessary. The final review of the book was made by Dr. Khaldoun S. Al-Bassam (Chief Researcher).

This book is a significant contribution to the stratigraphy of Iraq and deals with one of the most important periods of the geological history. It is the second in a series of books on the microfacies of the sedimentary formations in Iraq and can be a valuable reference for paleontologists and stratigraphers concerned with the geology of Iraq.

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