

The Geological Society of America
Memoir 91

LATE EOCENE ZOOGEOGRAPHY
OF THE
EASTERN GULF COAST
REGION

By
ALAN H. CHEETHAM
Louisiana State University
Baton Rouge, Louisiana



NEW YORK
1963

Copyright 1963, The Geological Society of America
Library of Congress Catalog Number 63-23109
Made in the United States of America

TEXT COMPOSED AND PRINTED BY WAVERLY PRESS, INC.
OFFSET PLATES BY MERIDEN GRAVURE CO.
BINDING BY RUSSELL-RUTTER CO.

*The Memoir Series
of
The Geological Society of America
is made possible
through the bequest of
Richard Alexander Fullerton Penrose, Jr.*

ACKNOWLEDGMENTS

This investigation was conducted under the direction of Dr. Norman D. Newell, Professor of Geology, Columbia University, and most of it was completed during the tenure of a National Science Foundation predoctoral fellowship. The report was submitted in 1959 in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the Faculty of Pure Science, Columbia University.

Without the aid and advice of Drs. Herman Gunter, R. O. Vernon, and H. S. Puri of the Florida Geological Survey much of the work would have been impossible to accomplish.

Whatever merit the illustrations of bryozoans accompanying this report may have is due to the effort of Mrs. E. Ann Butler now of the Louisiana Geological Survey. Her work was financed by a grant from the Department of Geology, Louisiana State University.

Mr. Philip B. Larimore, supervisor of cartography, Coastal Studies Institute, L. S. U., furnished much valuable advice concerning drafting of maps and charts. Among the people who helped with the drafting, Messrs. Phil B. Deboo and William Agster deserve special mention.

I am indebted to Mrs. Carol W. Davis, formerly of L. S. U., for checking the manuscript; to Dr. W. A. van den Bold of L. S. U. for checking my translations of several references written in German; and to Drs. Newell, Marshall Kay, and John Imbrie of Columbia University, Dr. Lyman D. Toulmin of Florida State University, and Dr. F. Stearns MacNeil of the U. S. Geological Survey for reviewing the manuscript.

Throughout the preparation of this report, I have been unusually fortunate in having the encouragement of my wife, Marjorie R. Cheetham; my colleague, A. E. Sandberg; and my professor, N. D. Newell.

Above all, in things both great and small, the naturalist is rightfully impressed and finally engrossed by the peculiar beauty which is manifested in apparent fitness or “adaptation”—the flower for the bee, the berry for the bird.

D’Arcy Thompson, 1948, *On Growth and Form*

