

MEMOIR 1: MIAMI GEOLOGICAL SOCIETY

A SYMPOSIUM OF RECENT SOUTH FLORIDA FORAMINIFERA

by

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Miami, Florida 33149, at \$7.00 each.

Of the many studies of living and dead Recent and Near-Recent Foraminifera which have been made concerning their ecology and distribution, a majority have been regionally oriented, dealing in greater or lesser degree to a single or restricted area. To date, however, no detailed regional faunal analysis has been published for the Recent Foraminifera of the South Florida region. It is the purpose of this Symposium to document the occurrences of all extant foraminiferal species, both benthonic and planktonic, from selected areas in South Florida and the Straits of Florida.

The scope of this Symposium requires that the taxonomy and systematics of many of the foraminiferal groups occurring in this region be re-evaluated and, in many cases, redefined. The initial paper of this volume is, therefore, concerned primarily with species definition and the taxonomy of the benthic Foraminifera. The systematics in the other papers in this volume have been based on that developed in this paper by Bock, in his Handbook of South Florida Benthic Foraminifera.

The remaining papers in the volume deal primarily with the distribution and ecology of Foraminifera occurring in selected marine areas of South Florida. Two of the papers (Lynts, Smith) deal with various aspects of the benthic foraminiferal population in Buttonwood Sound and Lower Florida Bay, respectively. The paper by Wright and Hay considers foraminiferal abundance and distribution in the back-reef environment, occurring between the living Florida reef and the Florida Keys; while the final paper (Jones) describes the ecology and distribution of planktonic Foraminifera occurring in the Florida Straits.

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