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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Ecology and distribution of predominant genera -- Introduction -- Environmental characteristics of the Gulf of Mexico -- Physiography and geology of the Gulf Coastal Plain -- Physiography of the gulf floor -- Climate -- Water mass stratification and current circulation -- Sediments of the gulf floor -- Marine biogeography -- Previous studies of gulf benthic foraminifera -- Generic predominance facies of modern gulf benthic foraminifera -- Estuarine biotopes -- Salt marshes -- Mangroves -- Florida Bay -- Charlotte Harbor -- Tampa Bay -- Apalachicola Bay -- St. Andrew Bay -- Choctawhatchee Bay -- Perdido Bay -- Mobile Bay -- Biloxi Bay -- Mississippi Sound -- East Mississippi Delta -- Lake Pontchartrain -- Timbalier Bay -- Sabine Lake -- Galveston Bay -- Matagorda Bay -- San Antonio Bay -- Aransas Bay -- Corpus Christi Bay -- Baffin Bay -- Laguna Madre (Texas) -- Laguna Madre (Tamaulipas) -- Laguna de Tamiahua -- Laguna Alvarado -- Laguna del Carmen -- Laguna de Terminos -- Estuarine summary -- Continental shelf biotopes -- Banks and reefs -- Shelf zones of hypoxia -- Continental slope biotopes -- Gyre intraslope basin -- Orca intraslope basin -- Campeche Canyon -- Cold hydrocarbon seeps -- Continental rise and Florida Plain biotopes -- Sigsbee Plain and

Mississippi Fan biotopes -- Relationships between generic predominance facies and environmental properties -- Salinity -- Temperature -- Substrate -- Water mass composition -- Food supply, dissolved oxygen, and water clarity -- Bottom topography -- Holocene sea-level rise -- Generic predominance diversity -- Fossil foraminifera and paleoecological interpretation -- Conclusions -- Description and illustration of diagnostic species -- Taxonomy and distribution -- Plates: Scanning electron photomicrographs -- Appendix 1: Supplementary figures and tables -- Appendix 2: List of cosmopolitan benthic foraminiferal species -- Appendix 3: List of regional benthic foraminiferal species -- Appendix 4: List of endemic benthic foraminiferal species -- Appendix 5: List of relict benthic foraminiferal species.

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Sommario/riassunto

In 1981, Woods Hole researcher C. Wylie Poag published the book *Ecological Atlas of the Benthic Foraminifera of the Gulf of Mexico*. In this new volume, Poag has revised and updated the atlas, incorporating three decades of extensive data collections from the open Gulf and from an additional seventeen estuarine systems to cover species of benthic foraminifera from more than eight thousand sample stations. *Benthic Foraminifera of the Gulf of Mexico* features 68 plates of scanning electron photomicrographs, 64 color figures, and a large color foldout map, indicating species distribution of forams.

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