

B. GEOLOGICAL SCIENCES

FORAMINIFERA FROM THE GRAYSON FORMATION OF NORTHERN TEXAS

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ABSTRACT

Ninety species of foraminifera are described and illustrated from the Grayson formation of northern Texas and southern Oklahoma, representing more than double the number of species hitherto listed from this formation. This fauna includes one new genus, thirty-two new species and one new variety. Thirty-nine species of the family Lagenidae were found, with ten of the Polymorphinidae and nine of the Buliminidae, these three families comprising nearly two-thirds of the entire fauna. The geologic range of the genera *Pseudopolymorphina*, *Gumbelitria* and *Schackoia* is here extended to include the Lower Cretaceous and the geologic and geographic ranges of many species are extended. The foraminiferal evidence supports that of the upper Grayson ammonites in the correlation of this formation as upper Albien in age, and the equivalent of the Albien of France and the Gault of England and Germany.