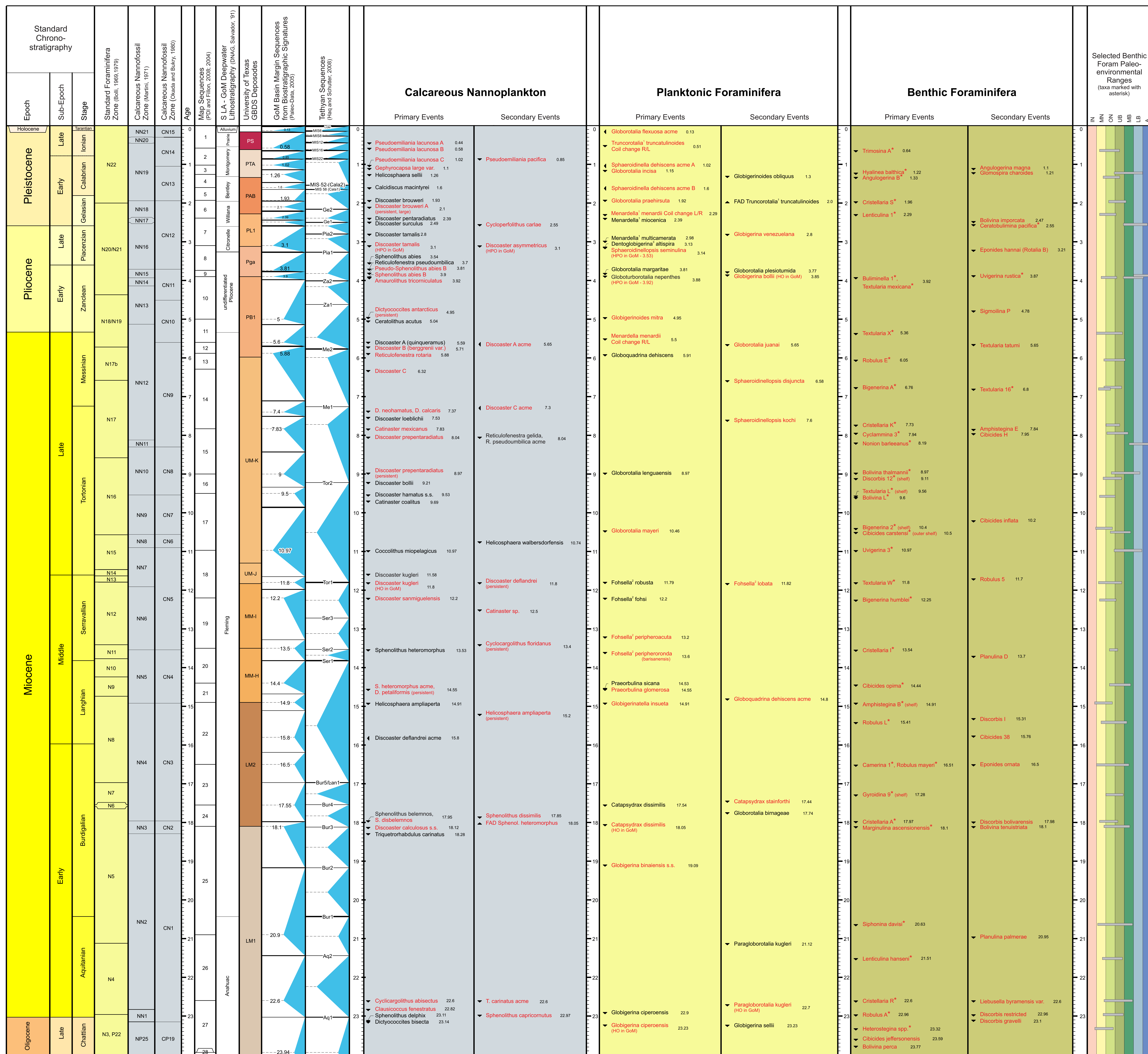


Biostratigraphic Chart - Gulf Basin, USA

Quaternary and Neogene



PALEO
DATA



Ages for taxa in black are from Gradstein et al., 2004.

Taxa in red are calculated final iterative results at convergence based on Global Time Scale (GTS) '04 ages and the Paleo-Data, Inc. offshore Gulf of Mexico biostratigraphic database for the Gulf Basin.

Primary and Secondary Events are those having respectively higher and lower frequency of database occurrences and/or geographic extent.

- ▼ Last Occurrence or Last Abundance Datum (LAD)
- ▲ First Occurrence or First Abundance Datum (FAD)
- ▲ Abundance Acme

- Footnotes:**
1. Formerly referred to as *Globorotalia*
 2. Formerly referred to as *Globorotalia fohsi*
 3. Formerly referred to as *Globoquadrina*

- Acronyms:**
1. HPO - Highest Persistent Occurrence
 2. HO - Highest Occurrence
 3. GoM - Gulf of Mexico

- Benthic Paleoenvironmental Ranges:**
- IN - Inner Neritic; MN - Middle Neritic; ON - Outer Neritic;
 UB - Upper Bathyal; MB - Middle Bathyal; LB - Lower Bathyal; A - Abyssal
 Only benthic species followed by asterisk (*) were utilized for zonation.

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TS Creator (<http://www.tscreator.org>) was utilized in the preparation of this chart.