



Recent through Oligocene

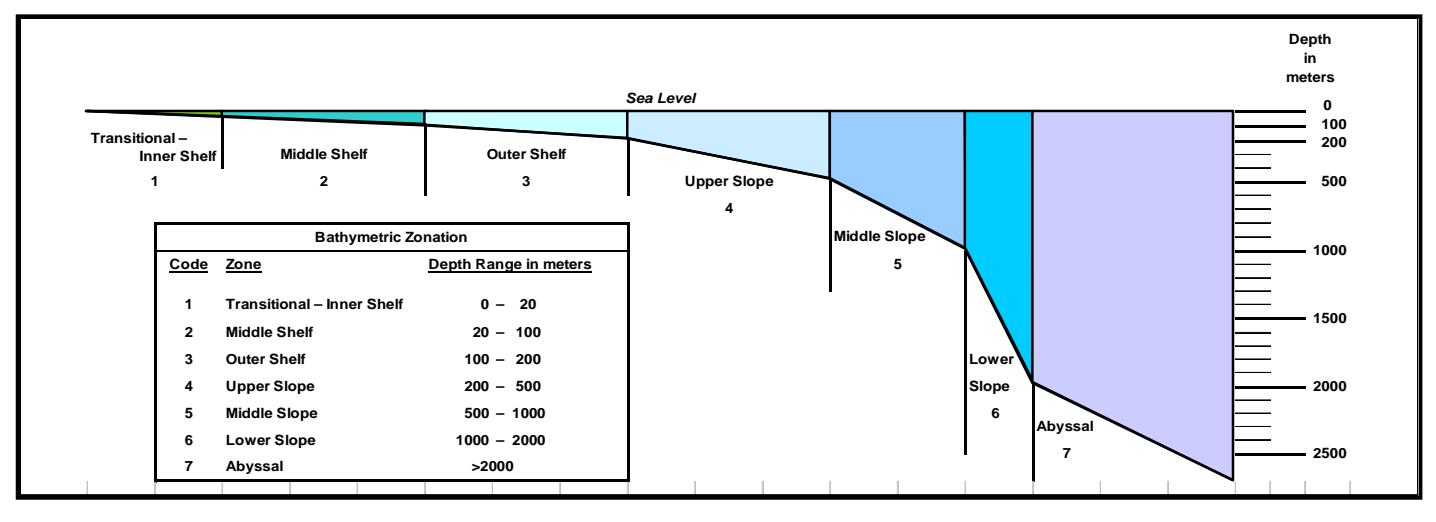
Table with columns: Time (mya), CHRONOSTRATIGRAPHY (System, Subsystem, Series, Stage), BIOSTRATIGRAPHY (Foraminiferal, Calcareous nannoplanktonic), and BOEMRE CHRONOZONE. Rows include Quaternary, Neogene, and Tertiary stages.

Eocene through Jurassic

Table with columns: Time (mya), CHRONOSTRATIGRAPHY (System, Subsystem, Series, Stage), BIOSTRATIGRAPHY (Planktic & benthic foraminifera, Calcareous nannoplanktonic), and BOEMRE CHRONOZONE. Rows include Tertiary, Cretaceous, and Jurassic stages.

References used for Mesozoic and Cenozoic age determination and stratigraphic units

List of references including: Armentrout, J. M., 1996; Ascoli, P., 1984; Berggren, J. A., 1999; Berggren, W. A., 1999; Bolli, H. M., 1985; Bolli, H. M., 1994; Bralower, T. R., 1995; Breard, S. Q., 1994; Breard, S. Q., 1995; Breard, S. Q., 1996; Breard, S. Q., 1997; Breard, S. Q., 1998; Breard, S. Q., 1999; Breard, S. Q., 2000; Breard, S. Q., 2001; Breard, S. Q., 2002; Breard, S. Q., 2003; Breard, S. Q., 2004; Breard, S. Q., 2005; Breard, S. Q., 2006; Breard, S. Q., 2007; Breard, S. Q., 2008; Breard, S. Q., 2009; Breard, S. Q., 2010; Breard, S. Q., 2011; Breard, S. Q., 2012; Breard, S. Q., 2013; Breard, S. Q., 2014; Breard, S. Q., 2015; Breard, S. Q., 2016; Breard, S. Q., 2017; Breard, S. Q., 2018; Breard, S. Q., 2019; Breard, S. Q., 2020; Breard, S. Q., 2021; Breard, S. Q., 2022; Breard, S. Q., 2023; Breard, S. Q., 2024; Breard, S. Q., 2025.



LEGEND

All foraminiferal markers are extinction points (LADs) unless otherwise indicated. (O) indicates an ostracode species. The calcareous nannoplanktonic markers are mainly coccolith species LADs. Dinoflagellates and palynomorphs (pollen) are occasionally used. LAD: Last Appearance Datum. FAD: First Appearance Datum. Species LADs separated by a virgule (/) indicates either synonymous species or synchronous species. Two or more species LADs separated by a comma indicate synchronous species LADs. (for example, Discosporina, Catinastracalyculus are two separate but time-equivalent coccolith extinction points). BOEMRE Chronozone: A body of rock formed during the same time span, bounded by biostratigraphic or correlative seismic markers.

References to this chart should be as follows: Witrock, R. B., L. D. Nixon, P. J. Post, and K. M. Ross, 2003, Biostratigraphic chart of the Gulf of Mexico offshore region, Jurassic to Quaternary, U.S. Department of the Interior, Bureau of Ocean Energy Management, Regulation and Enforcement, New Orleans.