

Mr Michael Nault

Planktonic & benthic foraminifera stratigraphy

Principal Biostratigrapher

Mike has an MSc in Geology (U. Louisiana - Lafayette, 1981) and a BSc in Geology (U. Louisiana - Monroe, 1977).

With over 36 years of experience as a foram biostratigrapher/micropaleontologist in the oil and gas industry, Mike has extensive expertise in foraminifera of the deep-water and shelf areas of the GoM, onshore Gulf Coast, and deep-water offshore west Africa, Brazil, Pakistan and China. He is co-author of the ABX scheme for the Paleogene and Neogene of Texas, Louisiana and Mississippi, the widely-used, standard biozonation for industrial biostratigraphy in the Gulf Coast and shallow- to deep-water GoM. Mike has worked on many biostratigraphic projects from inception (basin to prospect to lease acquisition) through the exploration-and-production operational and post-drill phase. He is particularly good at increasing biostratigraphic resolution in the deep-water Wilcox, through using local agglutinated foraminiferal faunas and abundance peaks.

Publications:

- 2003 — Breard, S.Q., Callender, A.D. & Nault, M.J. Economic biostratigraphy in the Gulf Coast Basin: A review of application advances, limitations, and challenges for the new millennium. *GCAGS Transactions*, 53: 86-96.
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- 2001 — Rosen, N.C., Rosen, R.N. & Nault, M.J. (Eds). Gulf of Mexico Biostratigraphic Index Microfossils, A Geoscientist's Guide: Part III Paleocene through Eocene Foraminifers. Gulf Coast Section SEPM Foundation: 138pp.
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- 2000 — Breard, S.Q., Callender, A.D., Denne, R.A. & Nault, M.J. Taxonomic Uniformitarianism in Gulf of Mexico Basin Cenozoic Foraminiferal Paleoecology: Is the Present Always the Key to the Past?. *GCAGS Transactions*, 50: 725-736.
- 1999 — Breard, S.Q., Callender, A.D. & Nault, M.J. Foraminiferal Biofacies, Local Zonation and Paleobathymetry of the Hackberry Sequence (Middle Oligocene Frio) of Southwestern Louisiana. *GCAGS Transactions*, 49: 122-131.
- 1999 — Picou, E.B., Perkins, B.F., Rosen, N.C. & Nault, M.J. (Eds). Gulf of Mexico Biostratigraphic Index Microfossils, A Geoscientist's Guide: Parts I & II Oligocene through Pleistocene Foraminifers. Gulf Coast Section SEPM Foundation: 215pp.
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- 1996 — Breard, S.Q., Callender, A.D. & Nault, M.J. Local Foraminiferal Faunas: The Key to Enhanced Resolution of Expanded Cenozoic Sections of the Gulf Coast Basin. *GCAGS Transactions*, 46: 55-62.
- 1994 — Breard, S.Q., Callender, A.D. & Nault, M.J. Biostratigraphy and Paleoecologic Tolerances of Oligocene through Paleocene Assemblages of the Gulf Coast Basin. *GCAGS Transactions*, 44: 111-116.
- 1993 — Breard, S.Q., Callender, A.D. & Nault, M.J. Paleoecologic and Biostratigraphic Models for Pleistocene through Miocene Assemblages in the Gulf Coast basin. *GCAGS Transactions*, 43: 493-502.