



Figure H4. Occurrence chart showing the presence of calcareous nannofossils in samples from the postimpact units in the USGS-NASA Langley core. In the first column, selected taxa are followed by zonal range estimates, and shaded entries indicate zonal marker taxa and range estimates; each zone-defining FAD or LAD from Martini (1971) is in bold. Selected calcareous nannofossil datums are listed in appendix H2. Abundance abbreviations: A=abundant (more than 10 specimens per field of view at x500), C=common (1–10 specimens per field of view at x500), F=frequent (1 specimen per 1–10 fields of view at x500), R=rare (1 specimen in more than 10 fields of view at x500), B=barren. Preservation abbreviations: G=good, M=moderate, P=poor.

COLUMNS
 Contact
 Barren sample
Species range with known FAD and LAD
 Interval where species is absent but should occur
Species range with unknown FAD and (or) LAD
 Reworked or aberrant occurrence

EXPLANATION
APPEARANCE DATUMS
 FAD or LAD for Martini (1971) zone
 FAD or LAD used to assign age of unit
 FAD or LAD consistent with known range
OCCURRENCE SYMBOLS
 X Present
 Not present
 ? Questionable occurrence
 r Reworked specimen
 1, 2, 3 specimens in sample