



Carbon isotopic records from near pockmarks (JPC 4) and within pockmarks (JPC 5, JPC 15) extending 25 kya. $\delta^{13}\text{C}$ values from JPC 5 and JPC 15 indicate the influence of methane-derived carbon ($\delta^{13}\text{C}$ -depleted) during Termination IA. Symbols indicate the location and magnitude of carbon isotopic excursions in benthic species, X's for *I. norcrossi* and circles for *M. barleeanum*, from each core (Table 3). *Bathymodiolus* community locations in JPC 15 are noted with arrows. None of the negative excursions take place during times of sea-level rise: 10-9 ka and 12.5-11.5 ka (Fairbanks, 1989).