

Figure 3. $\delta^{13}\text{C}$ values (left panel) and $\delta^{18}\text{O}$ values (right panel) for *Globigerinoides ruber* (a surface-dwelling planktic foraminifer) plotted against radiocarbon years from ODP 619A in Pigmy Basin, Gulf of Mexico. Figure from Poore and Wright (1999). Simultaneous excursions to smaller $\delta^{13}\text{C}$ values and $\delta^{18}\text{O}$ values are highlighted by bars at 7000 and 7800 radiocarbon years ago; these excursions reflect influxes of freshwater, which decreased the salinity of the surface-water layer; see text for discussion.

