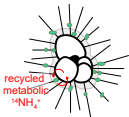


photosymbiont-bearing  
foraminifera



symbiont-barren  
foraminifera



feeding



phytoplankton

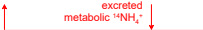


zooplankton



excreted  
metabolic  
 $^{14}\text{NH}_4^+$

excreted  
metabolic  
 $^{14}\text{NH}_4^+$



↑  $\text{NO}_3^-$  supply

increasing  $\delta^{15}\text{N}$

