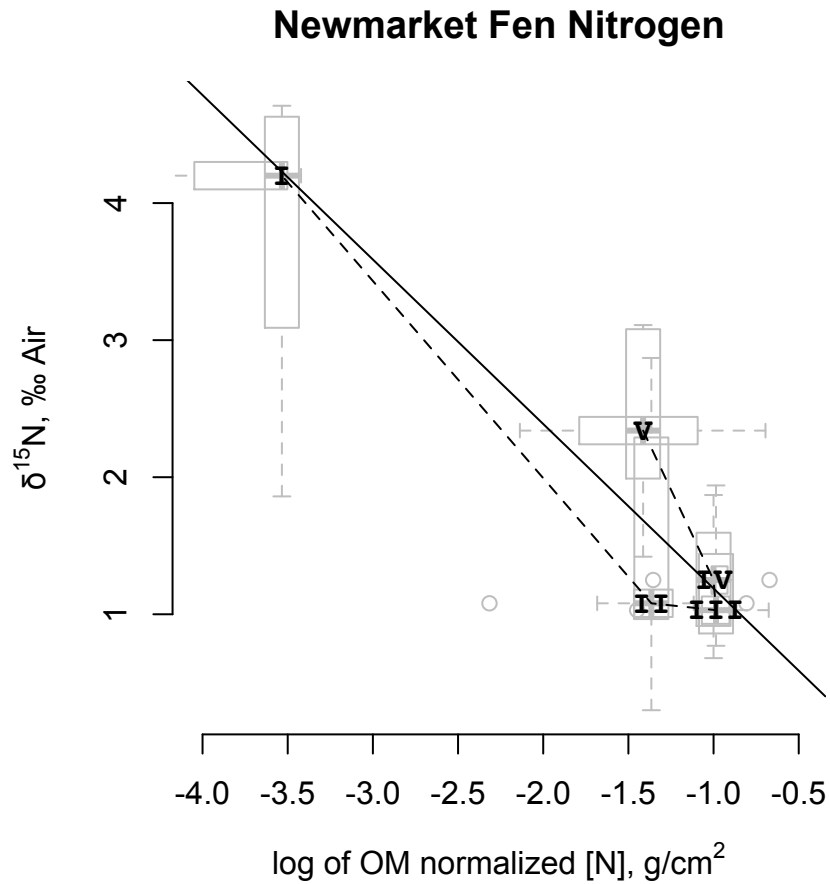


Supplementary Figure S2:



**Figure S2:** Two-direction box-and-whisker plots for Newmarket Fen nitrogen concentration and isotope data. Data are binned by macrofossil zone (roman numerals). Thick gray lines indicate median, box shoulders indicate interquartile range, and whiskers indicate 1.5 standard deviations. Solid black line is a least-squares fit, and dashed line connects medians in stratigraphic order.