

We thank Stefano Manzoni for making us aware of the typos and language problems. We agree and took care of all his comments (see diff-version of the revised manuscript at the corresponding line-numbers).

RC1-1: Throughout: I would suggest adding the word ‘litter’ or ‘OM’ or ‘compartment’ after ‘labile’, as it is an adjective (e.g., L228 and Figure 4—both x-axis label and caption)

AC1-1: We consistently used “labile substrate” in the revised manuscript.

L27: “(CUE) is key...”

L33: “knowledge of microbial...”

L54: perhaps I’d delete “recently” (repeated a few words later)

L76: “developments... their own paper”

Table 3: please add ‘tvr’ in the table

L138: “enzymes with lowest...”

L243: I would remind the reader that this comparison is meaningful because the half saturation constant here had dimensions of a flux (as opposed to the more common dimensions of a stock or content)

L454: delete “several”?

L458: “to simplify...”