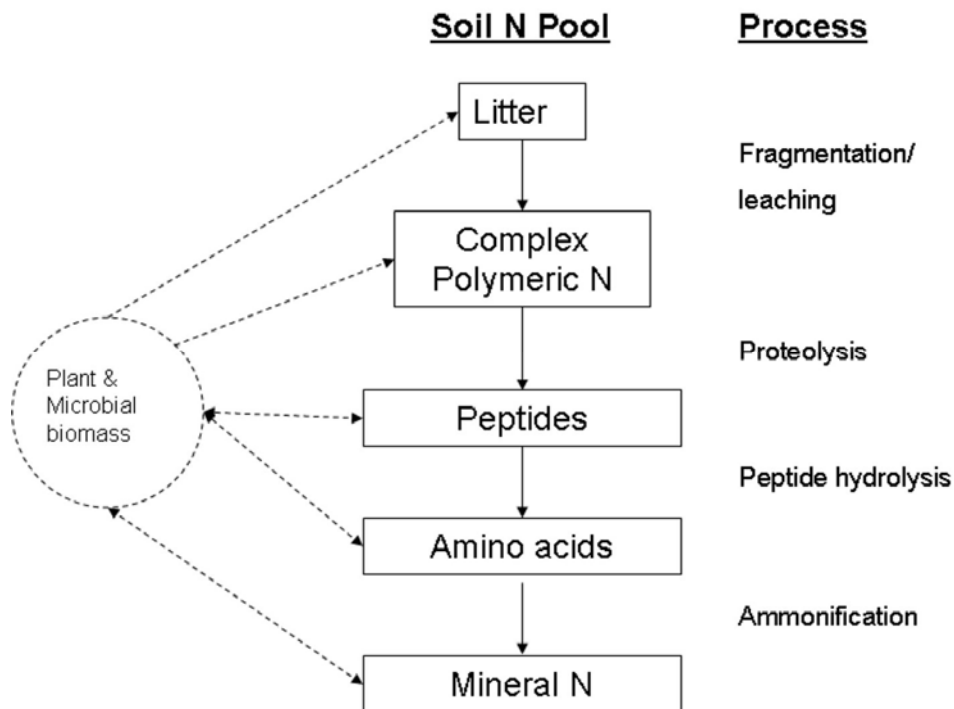


Organic nitrogen decomposition by extracellular proteases in soil

Weedon et al., 2011



Context

Soil organic nitrogen cycling

Question

Can we use a protein-dye complex to integratively measure proteolytic activity in soil?

Approach

Soil incubation with azo-albumine (vary amount and time), following the release of small azo-peptides

Expected Outcome

Better understanding of proteolytic breakdown than by using common aminopeptidase substrates