

Lignin:Carbohydrate ratio

$P$   
Leaf  $\delta^{15}\text{N}$   $<0.001$   
Horizon  $<0.001$   
Leaf  $\delta^{15}\text{N}$ :Horizon 0.704

—●— L horizon  
—●— F/H horizon

2

1

-5.0

-2.5

0.0

Leaf  $\delta^{15}\text{N}$  (‰)

