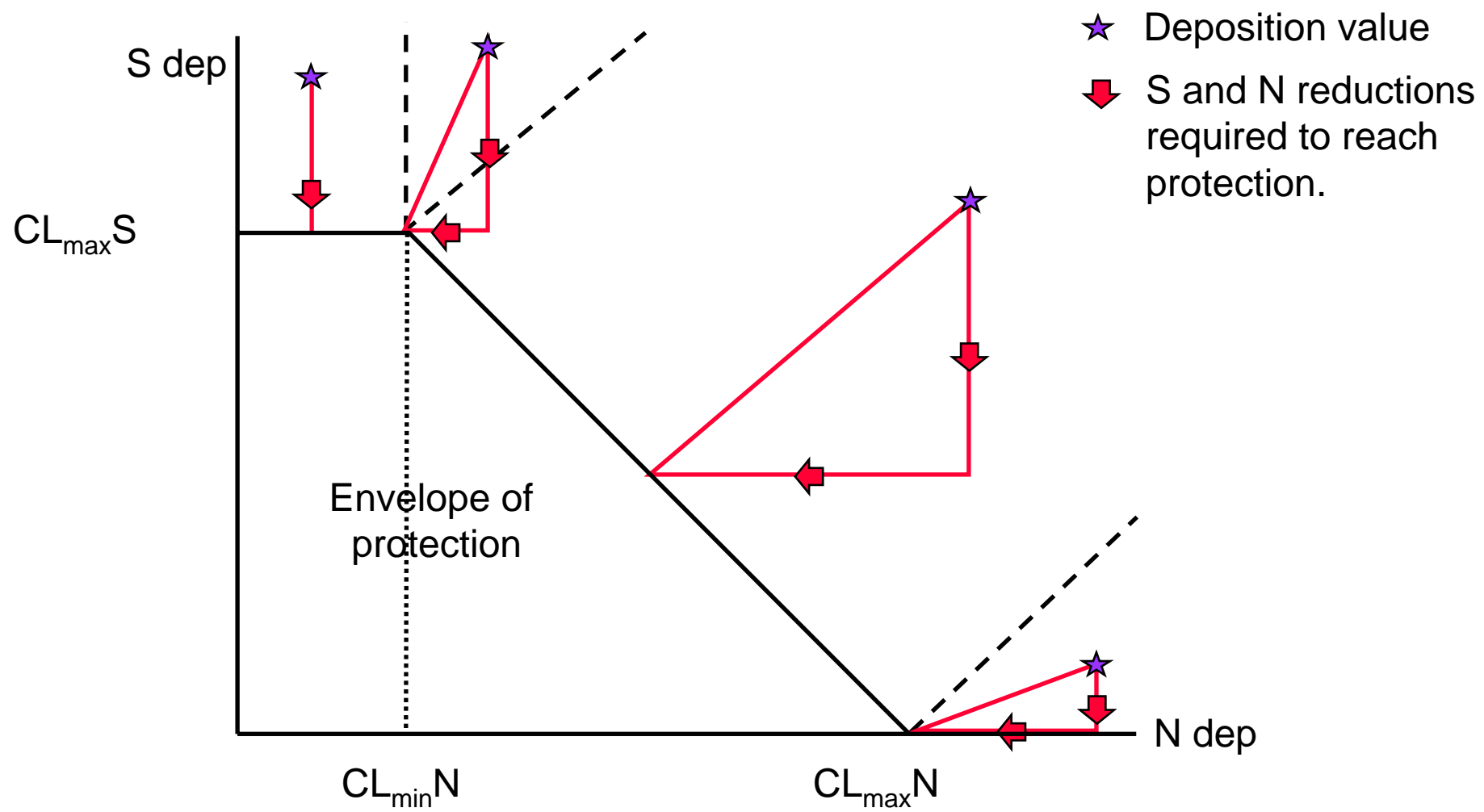


$CL_{\max}S$  = maximum critical load of sulphur  
 = acidity critical load taking into account base cation deposition and removal

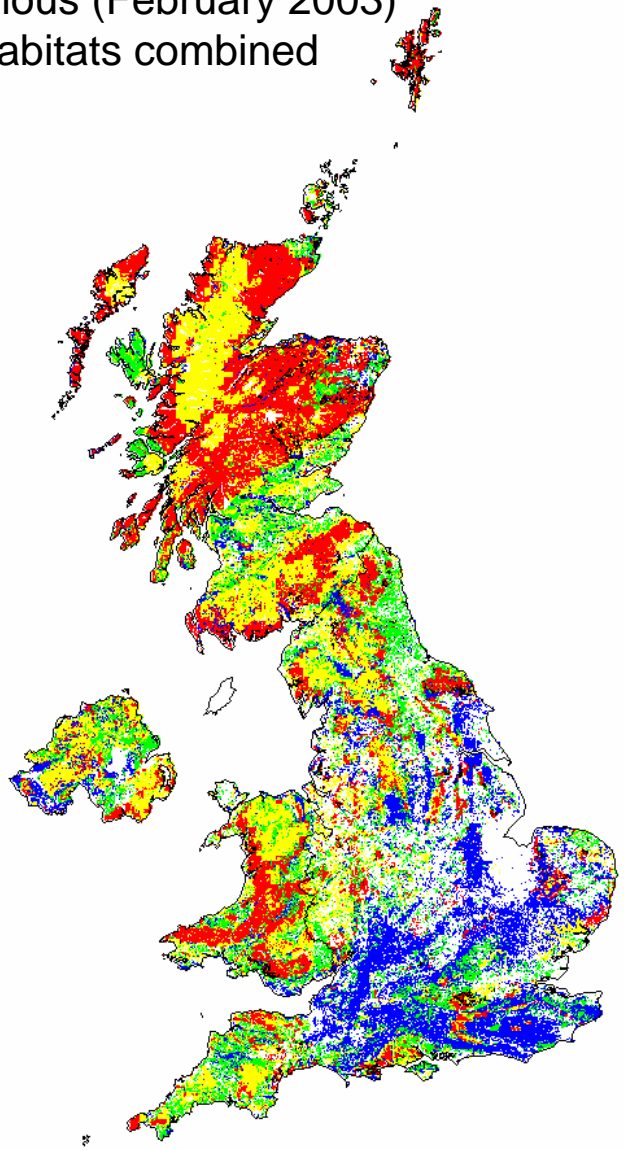
$CL_{\min}N$  = minimum critical load of nitrogen  
 = sum of long-term nitrogen removal processes, eg, nitrogen uptake, immobilisation

$CL_{\max}N$  = maximum critical load of nitrogen  
 = sum of  $CL_{\max}S$  and  $CL_{\min}N$

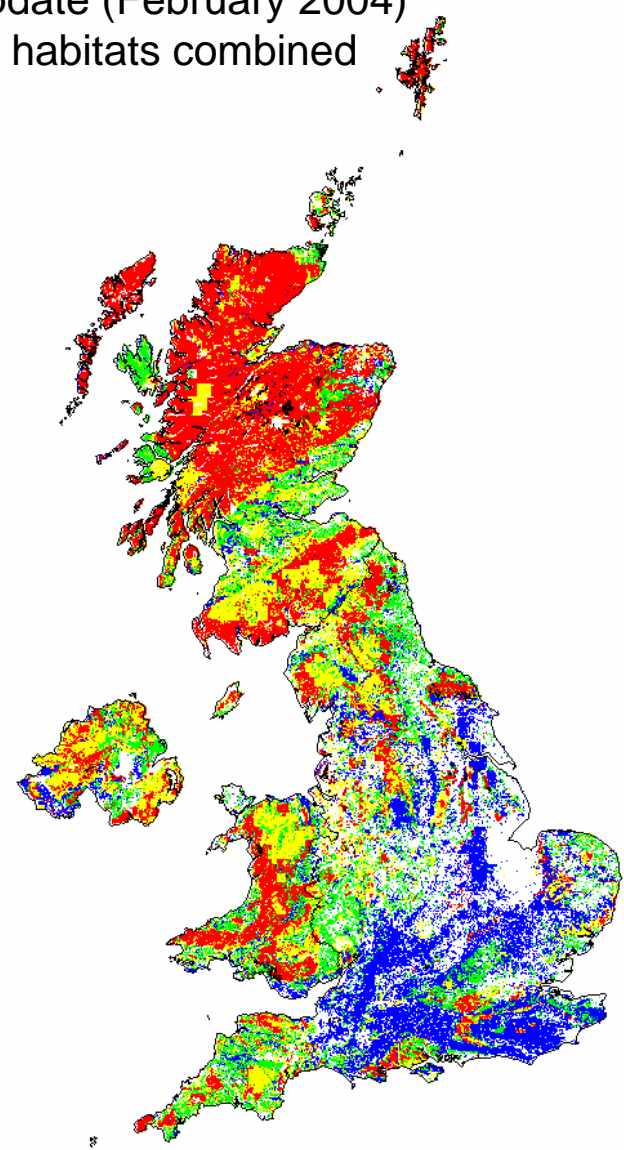
Refer to Section 4 of the 2004 Update to UK Critical Loads (Hall et al, 2004) for further information.



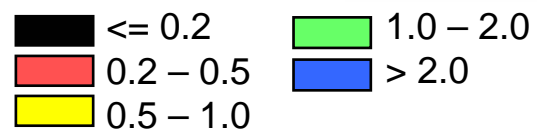
Previous (February 2003)  
All habitats combined



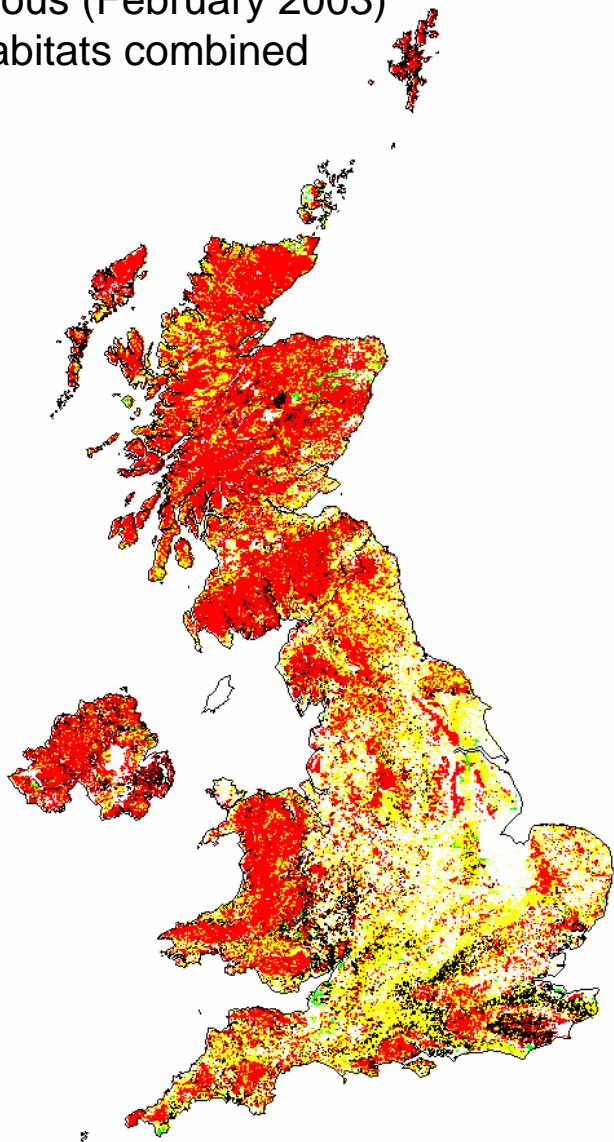
Update (February 2004)  
All habitats combined



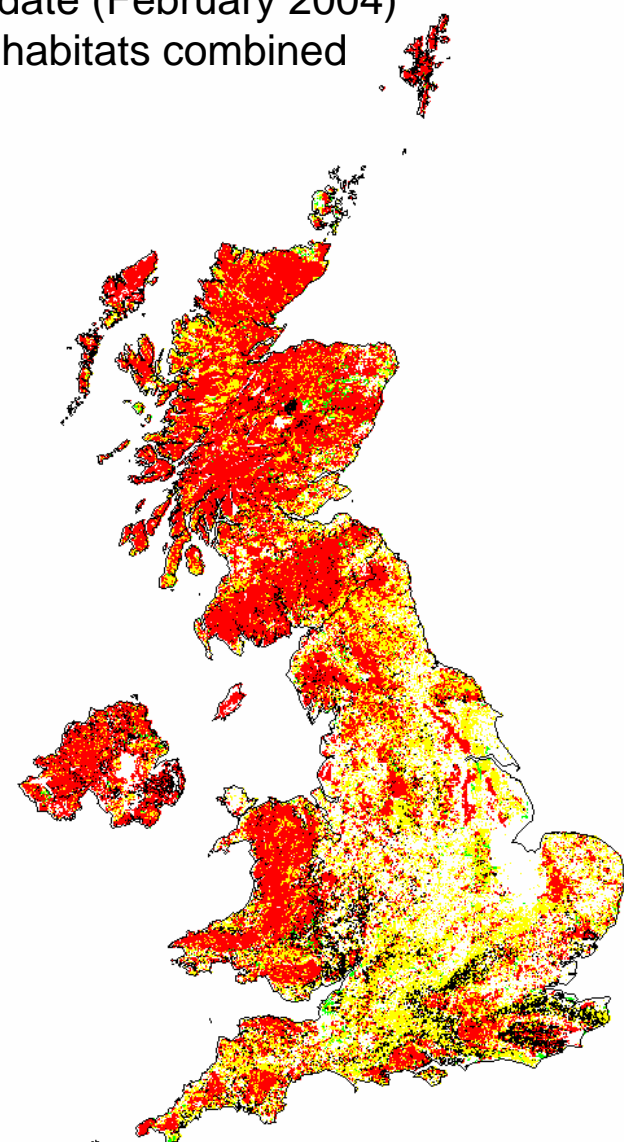
keq ha<sup>-1</sup> year<sup>-1</sup>



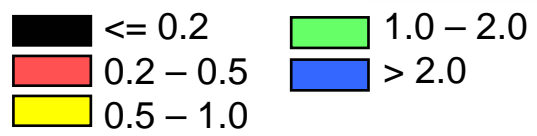
Previous (February 2003)  
All habitats combined



Update (February 2004)  
All habitats combined

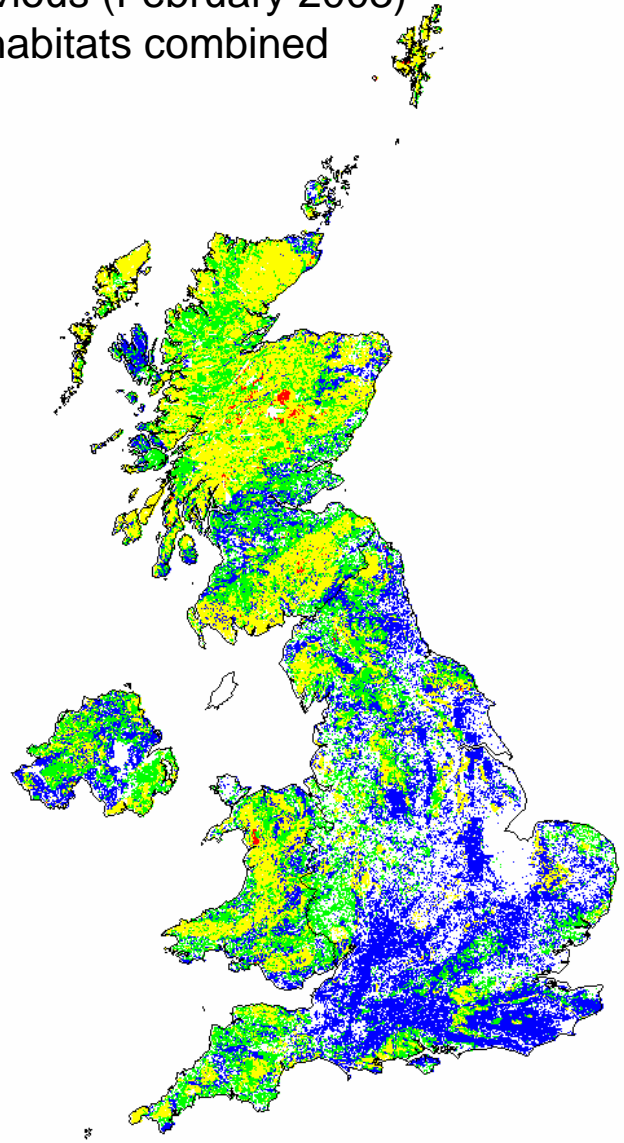


keq ha<sup>-1</sup> year<sup>-1</sup>

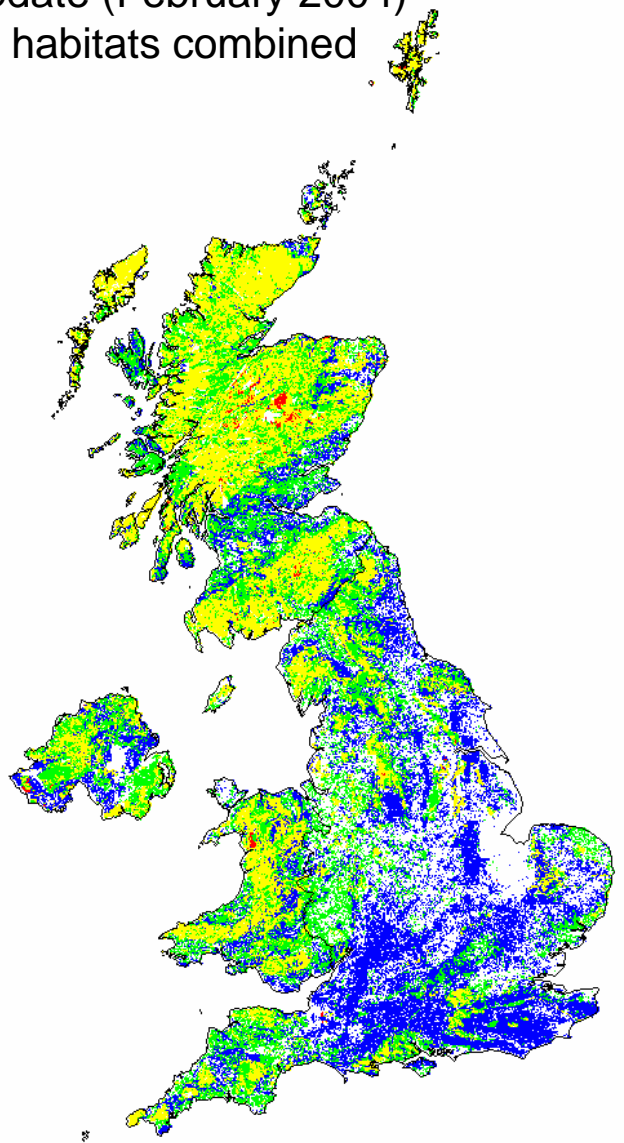


**5<sup>th</sup>-percentile critical loads:  $CL_{max}N$**

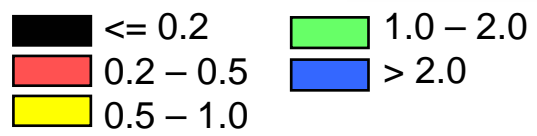
Previous (February 2003)  
All habitats combined



Update (February 2004)  
All habitats combined

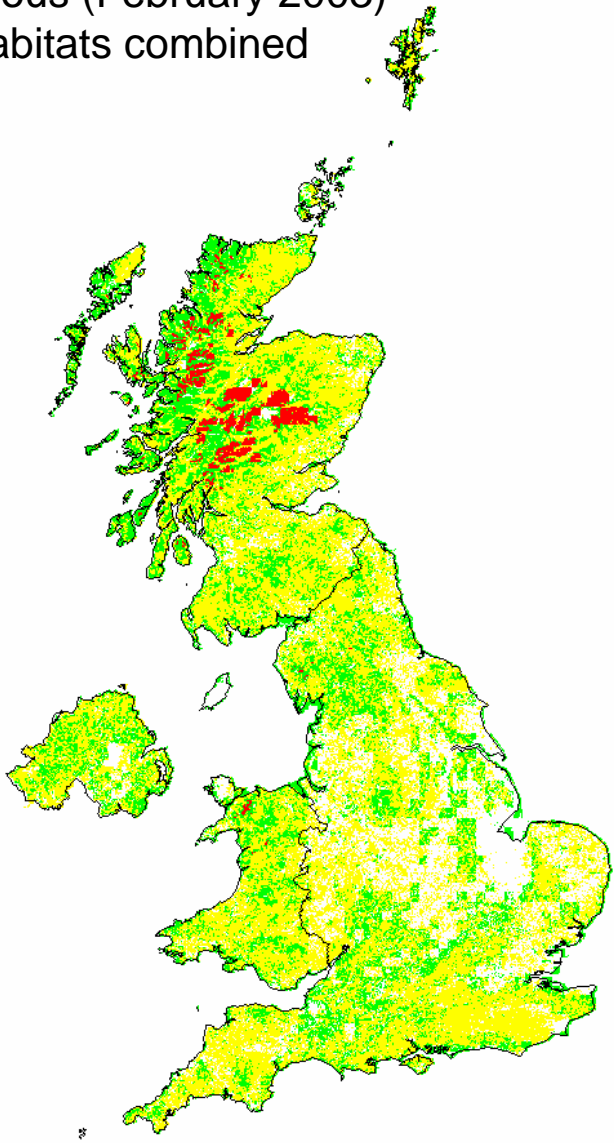


keq ha<sup>-1</sup> year<sup>-1</sup>

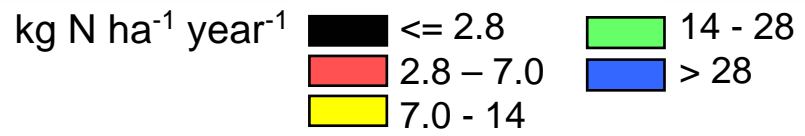
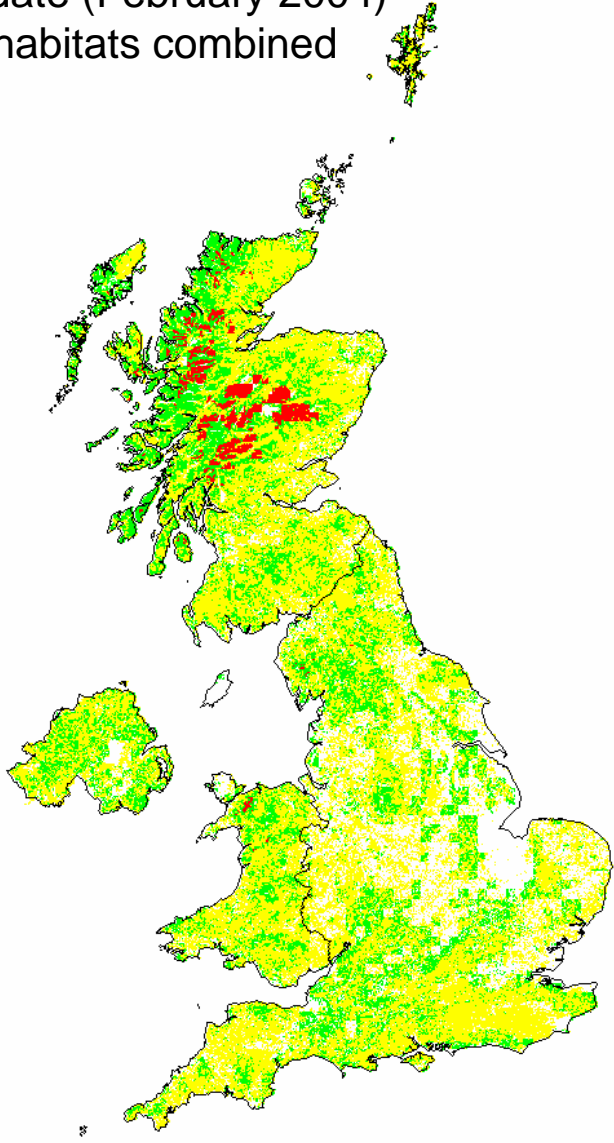


**5<sup>th</sup>-percentile critical loads:  $CL_{nut}N$**

Previous (February 2003)  
All habitats combined



Update (February 2004)  
All habitats combined

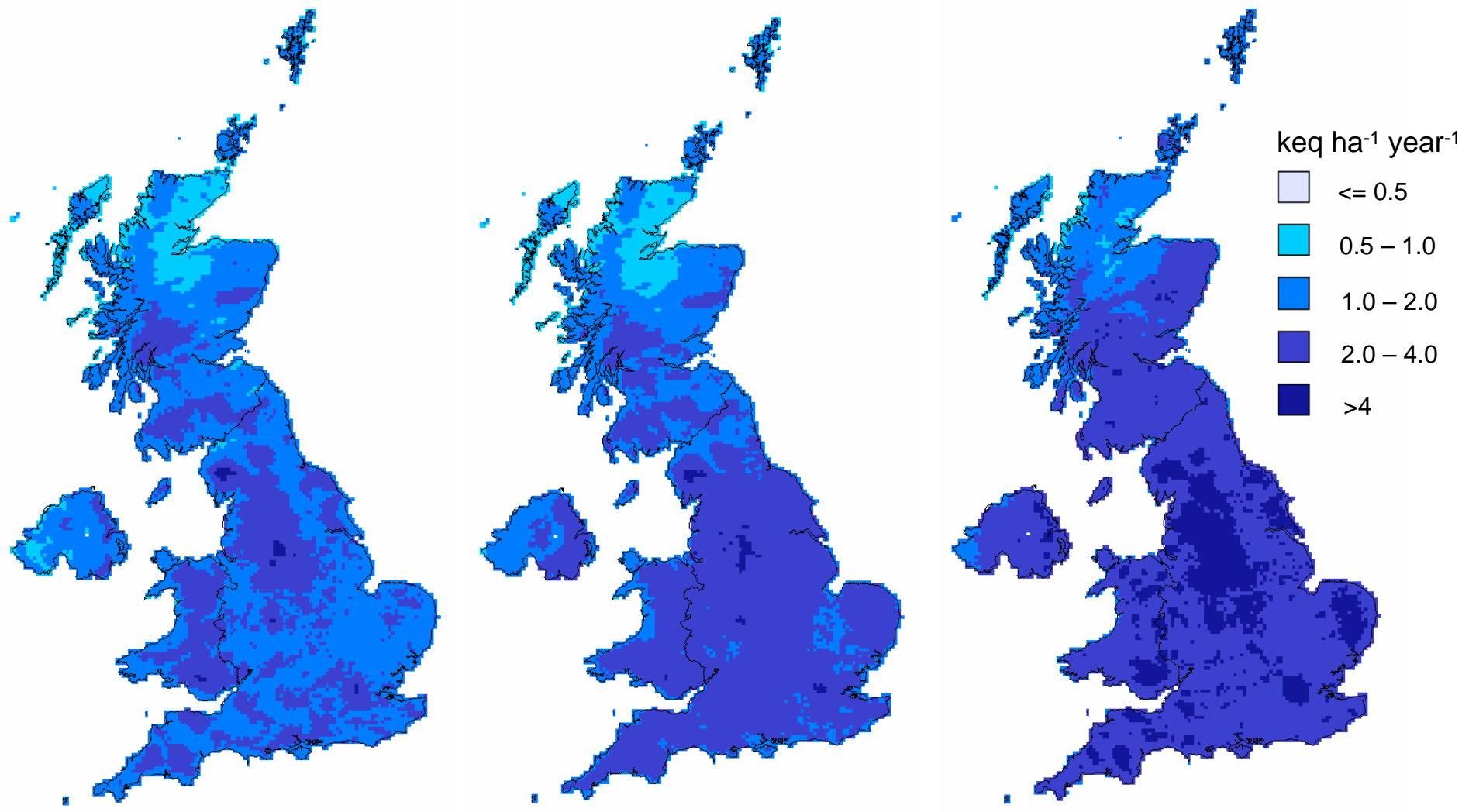




(a) Average (all vegetation)

(b) Moorland

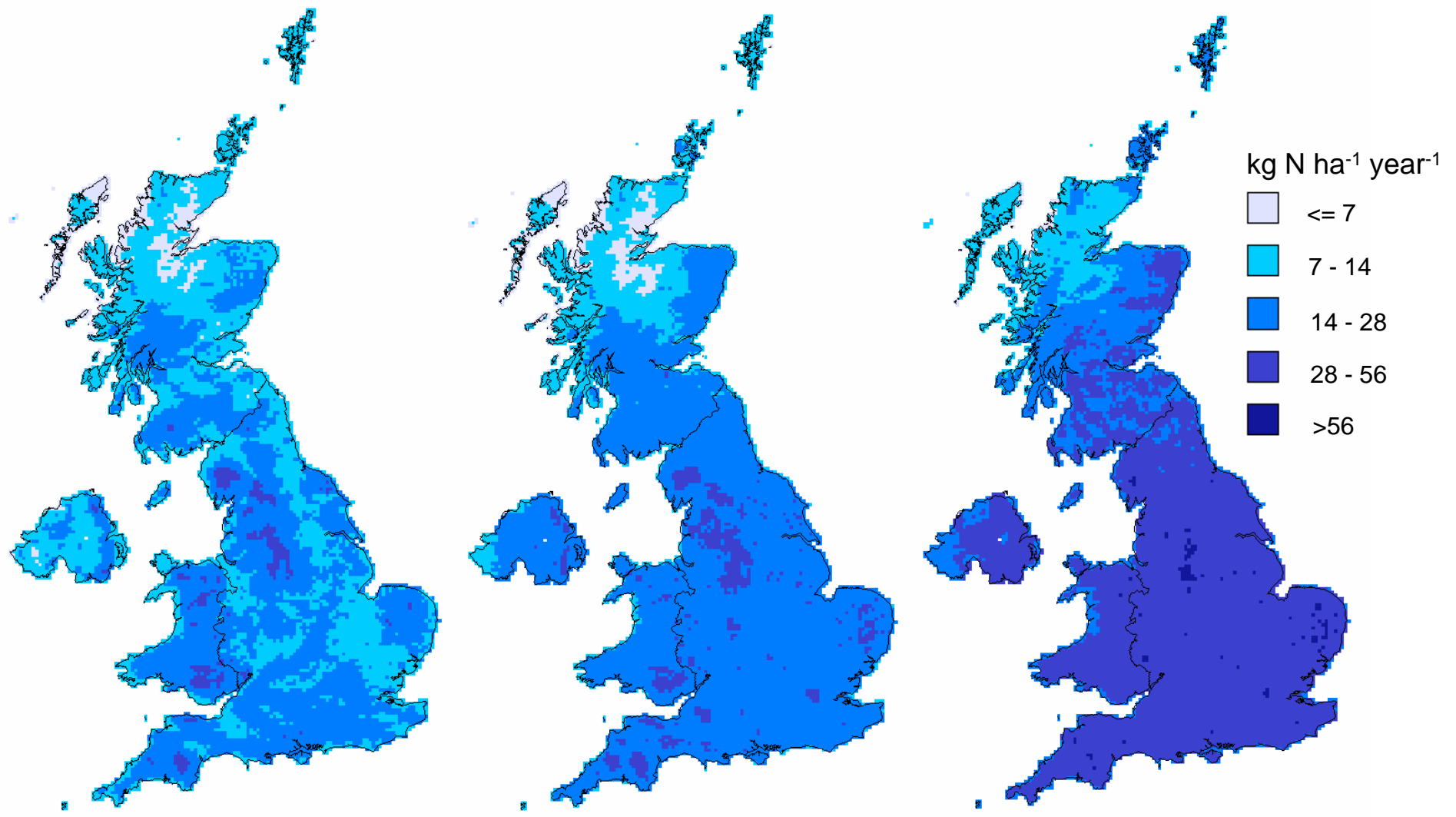
(c) Woodland



(a) Average (all vegetation)

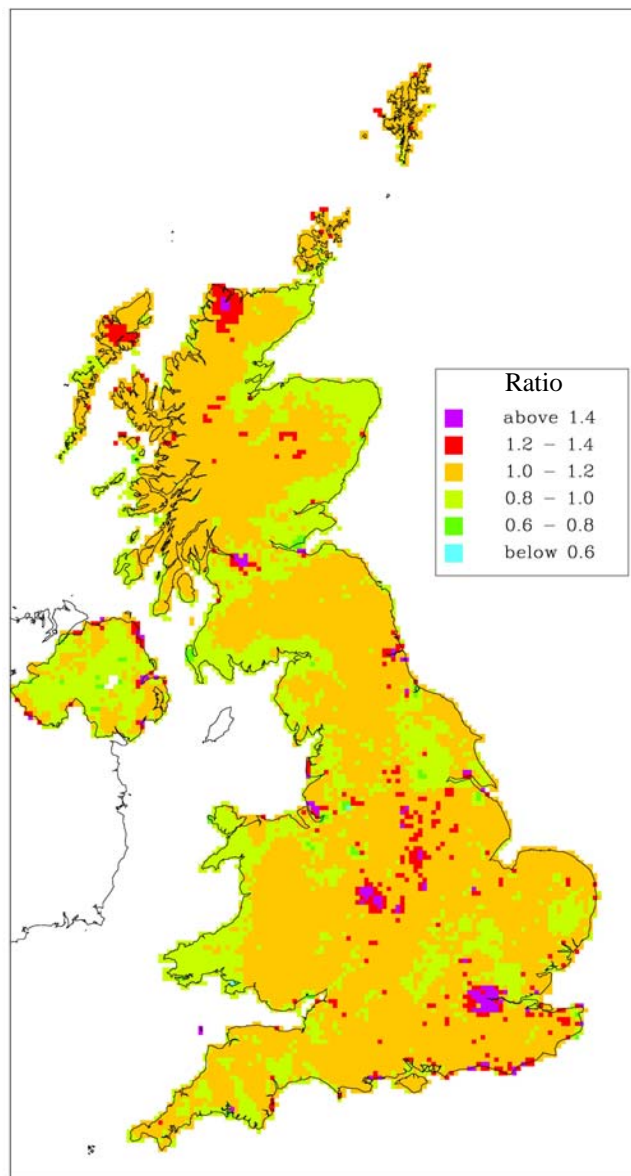
(b) Moorland

(c) Woodland

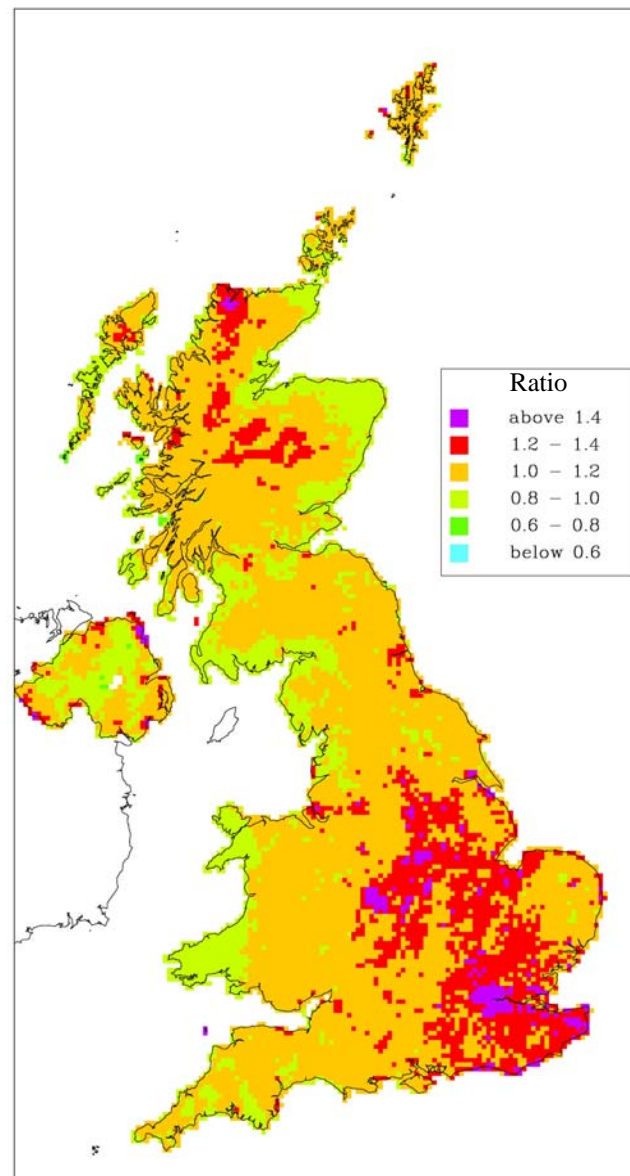




Acidity (S + NO<sub>x</sub> + NH<sub>x</sub>)



Nitrogen (NO<sub>x</sub> + NH<sub>x</sub>)

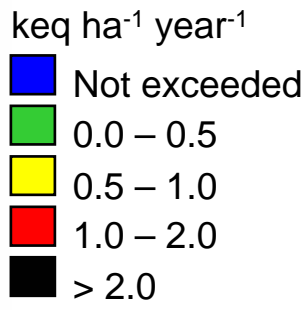
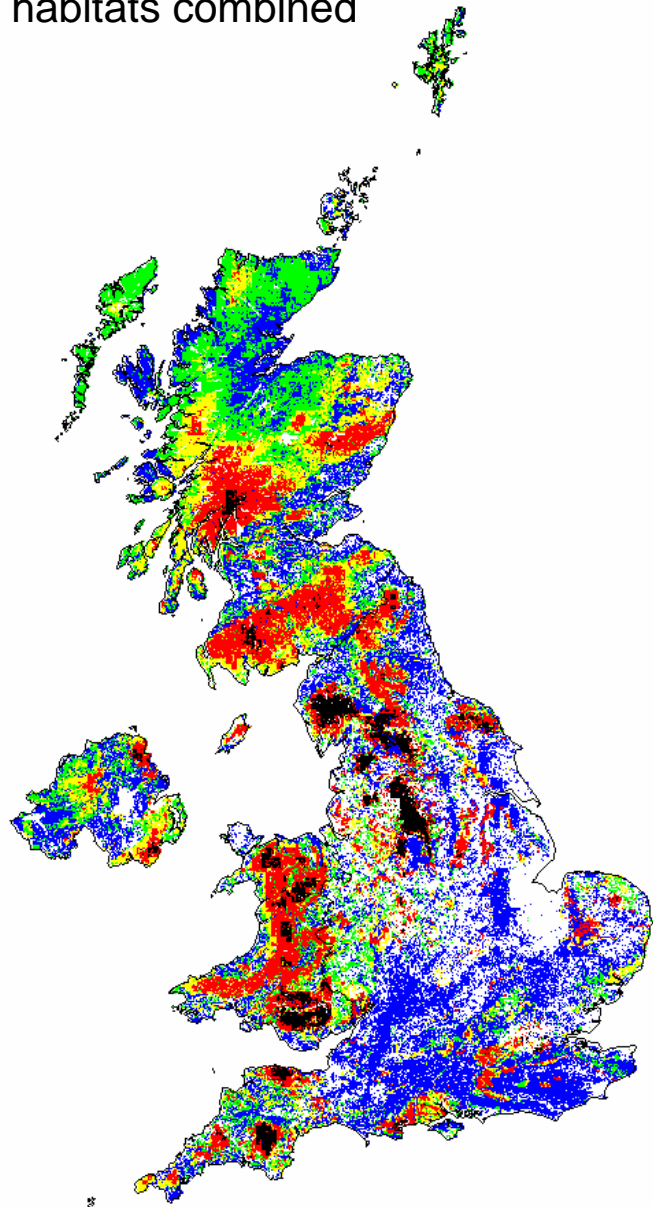
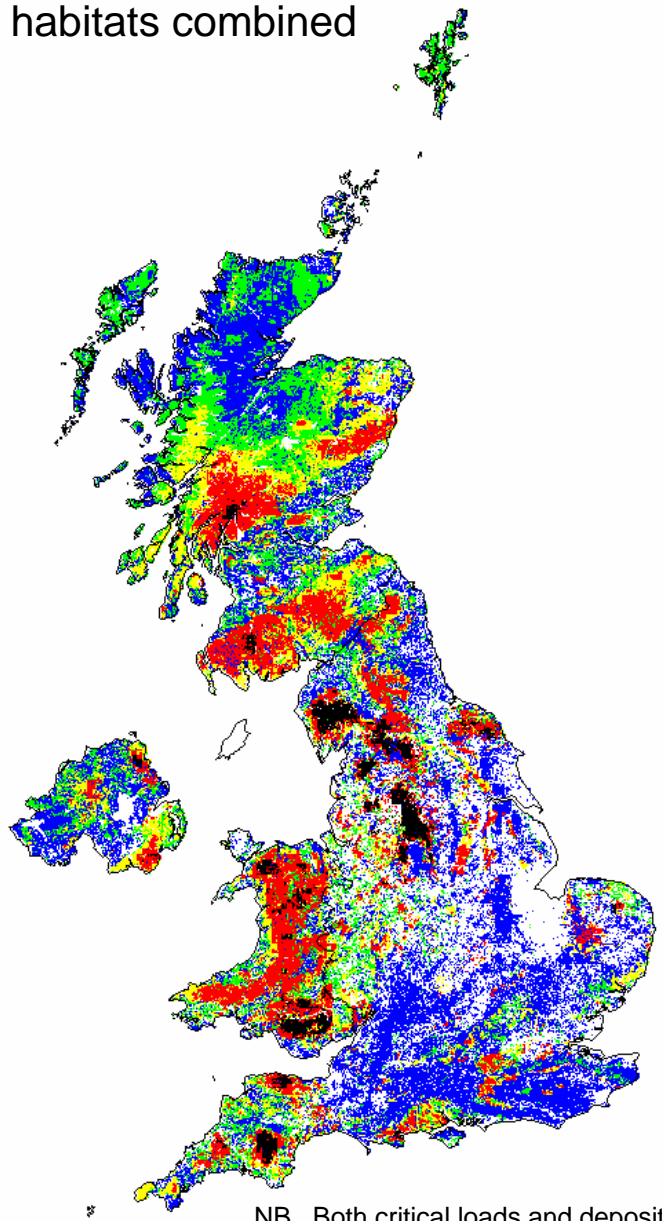


# Exceedance of 5<sup>th</sup>-percentile acidity critical loads by acid deposition for 1995-97

Figure 6.1

Previous (February 2003)  
All habitats combined

Update (February 2004)  
All habitats combined



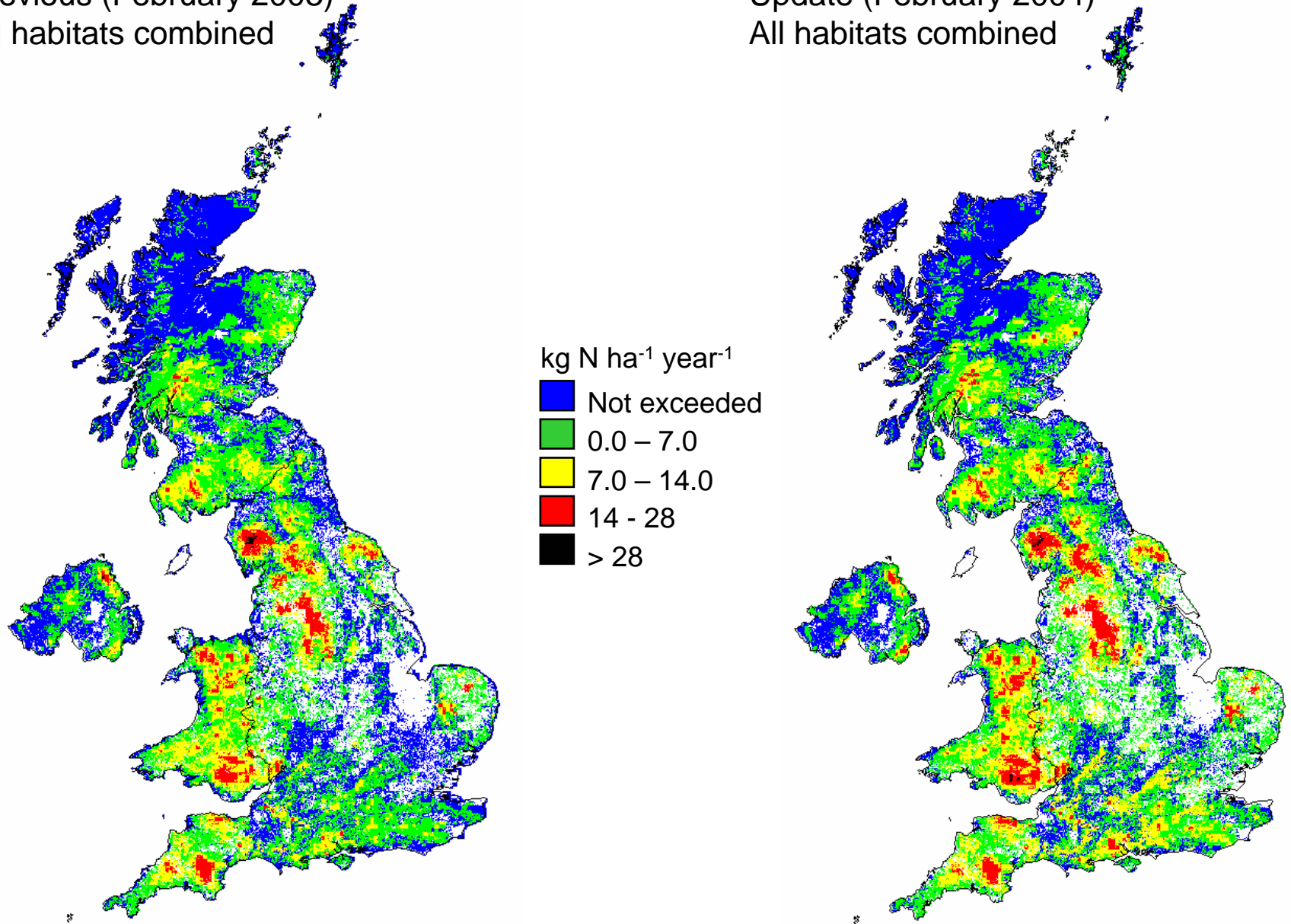
NB. Both critical loads and deposition data updated  
Left: Feb03 critical loads and original 95-97 deposition; Right: Feb04 critical loads and latest (Mar 2004) 95-97 deposition

# Exceedance of 5<sup>th</sup>-percentile nutrient nitrogen critical loads by N deposition for 1995-97

Previous (February 2003)  
All habitats combined

Update (February 2004)  
All habitats combined

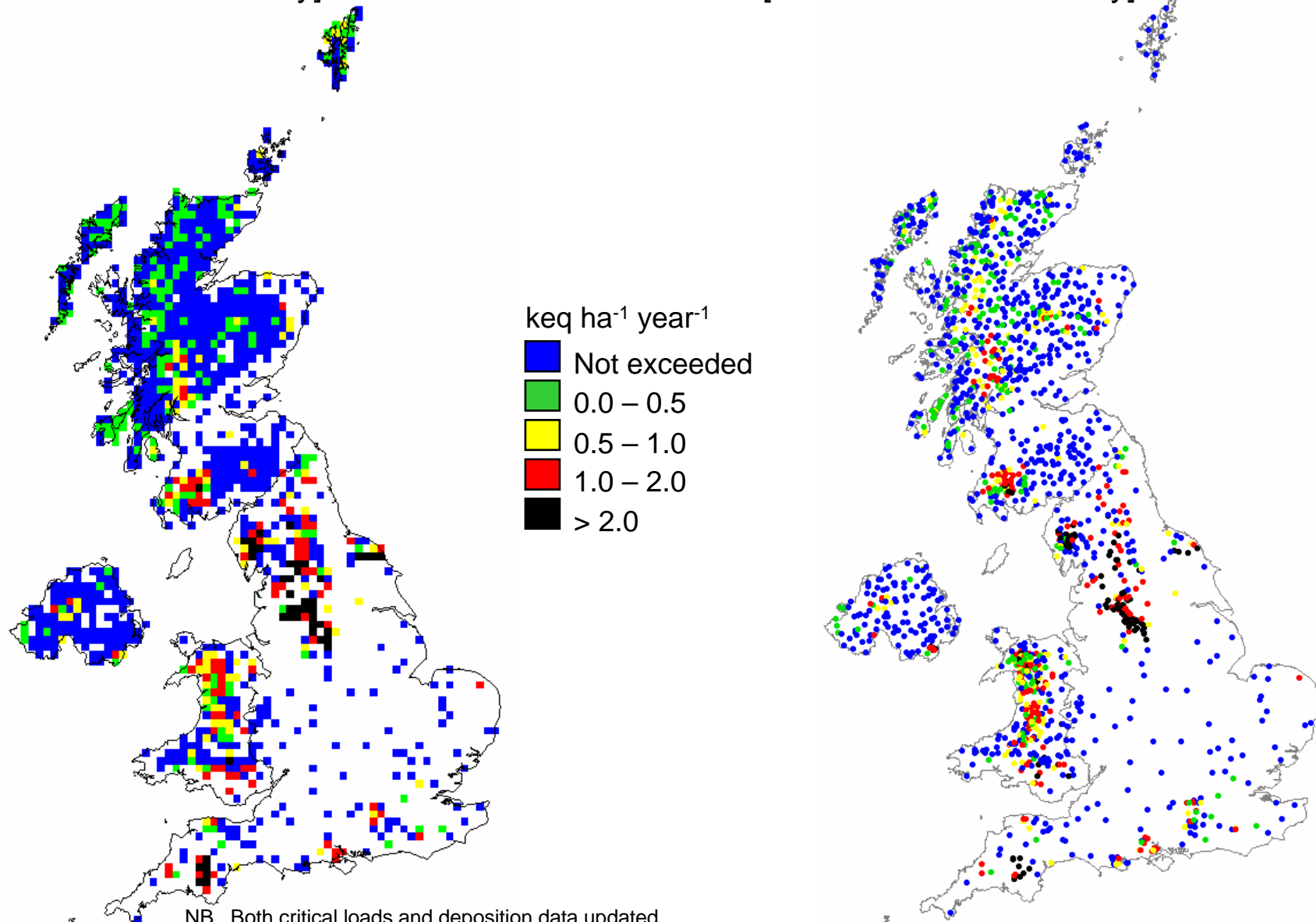
Figure 6.2



NB. Deposition data only updated (no change to CLnutN except minor changes to woodland areas)  
Left: original 95-97 deposition; Right: latest (Mar 2004) 95-97 deposition

Previous (February 2003)  
[1163 selected sites only]

Update (February 2004)  
[1722 selected sites only]



NB. Both critical loads and deposition data updated  
Left: Feb03 critical loads and original 95-97 deposition; Right: Feb04 critical loads and latest (Mar 2004) 95-97 deposition