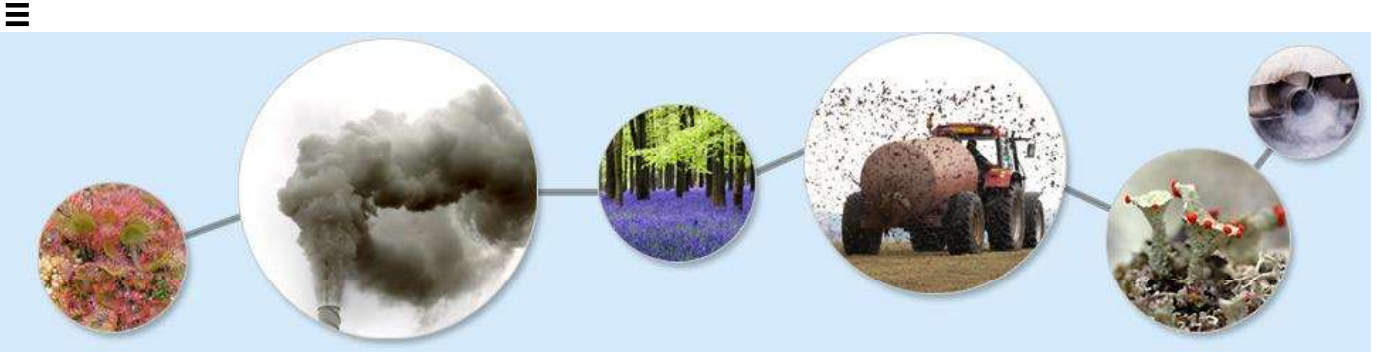


Appendix Y

APIS Site feature information for Thames Basin Heaths obtained from:

<http://www.apis.ac.uk/src/select-a-feature?site=UK9012141&SiteType=SPA&submit=Next>

Supporting Deadline 3 response by RHS Wisley



(/)

Air Pollution Information System (/)

Home (/) / Select a Feature

Select a Feature

SRCL home (/srcl) | SPA (/select-site?SiteType=SPA)

Site/Feature Information

Site Code: UK9012141

Site Name: Thames Basin Heaths

Country: England

Designation: SPA

Enter a grid reference >>

Nutrient Nitrogen

Acidity

NH₃

NO_x

SO₂

Concentrations & Depositions

Trends

Critical Loads

Source Attribution

The absence of a nitrogen critical load for a particular interest feature does not necessarily imply that the feature is not sensitive to nitrogen.

The graphs below show the exceedance of nitrogen or acid critical

loads for each feature. Deposition is presented for the min, max and weighted average for the site, but plotted (red points) for maximum values only. Acidity critical loads are based on minimum and maximum for the site for that feature (assuming it is present across the whole site). You can enter a specific grid reference (text box above) within the site to obtain an acid critical load and deposition value specific to the relevant 1km or 5km grid square, respectively.

The deposition of nitrogen and sulphur plotted in these graphs below represents the Total Deposition based on CBED - Concentration Based Estimated Deposition. CBED is based on measured-interpolated data for a 3 year average 2013-2015. Further information on CBED.

Features are ordered by sensitivity, based on the lowest critical load.

Nitrogen Critical Loads

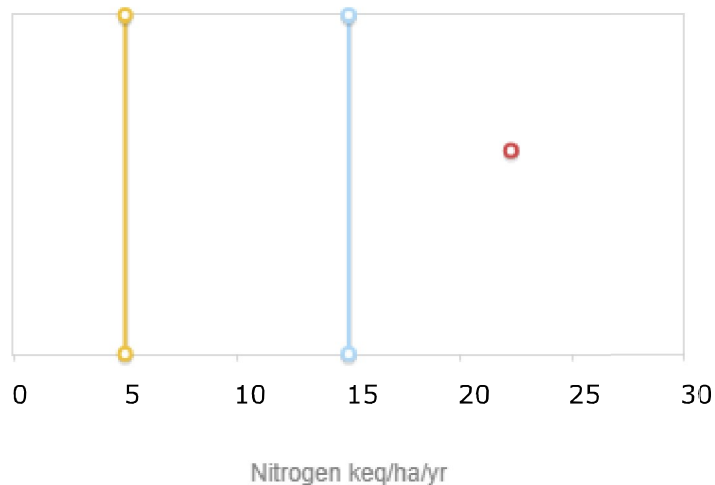
Feature: Caprimulgus europaeus - European nightjar

Critical Load Class: Coniferous woodland

Critical Loads (kg N/ha/yr): 5-15

Nitrogen Deposition (kg N/ha/yr):

Maximum: 22.26



Feature: Lullula arborea - Wood lark

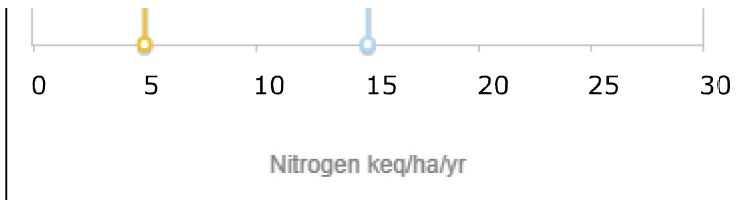
Critical Load Class: Coniferous woodland

Critical Loads (kg N/ha/yr): 5-15

Nitrogen Deposition (kg N/ha/yr):

Maximum: 22.26





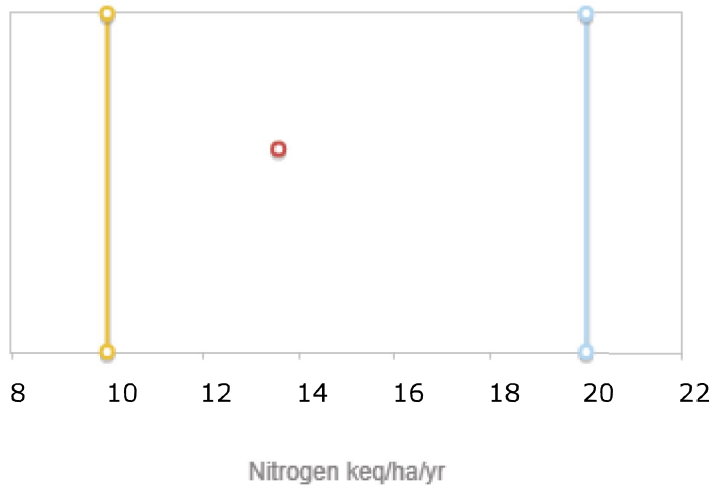
Feature: Lullula arborea - Wood lark

Critical Load Class: Dry heaths

Critical Loads (kg N/ha/yr): 10-20

Nitrogen Deposition (kg N/ha/yr):

Maximum: 13.58



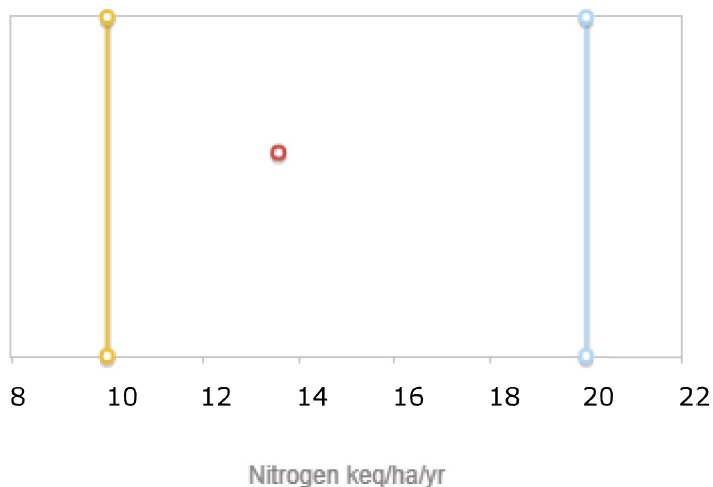
Feature: Caprimulgus europaeus - European nightjar

Critical Load Class: Dry heaths

Critical Loads (kg N/ha/yr): 10-20

Nitrogen Deposition (kg N/ha/yr):

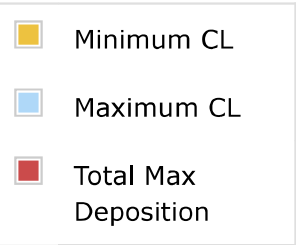
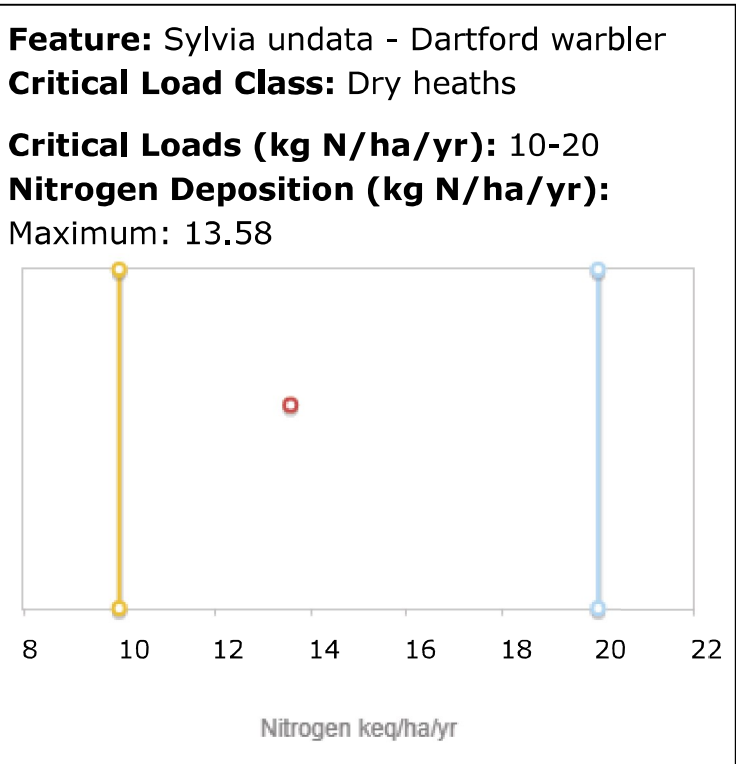
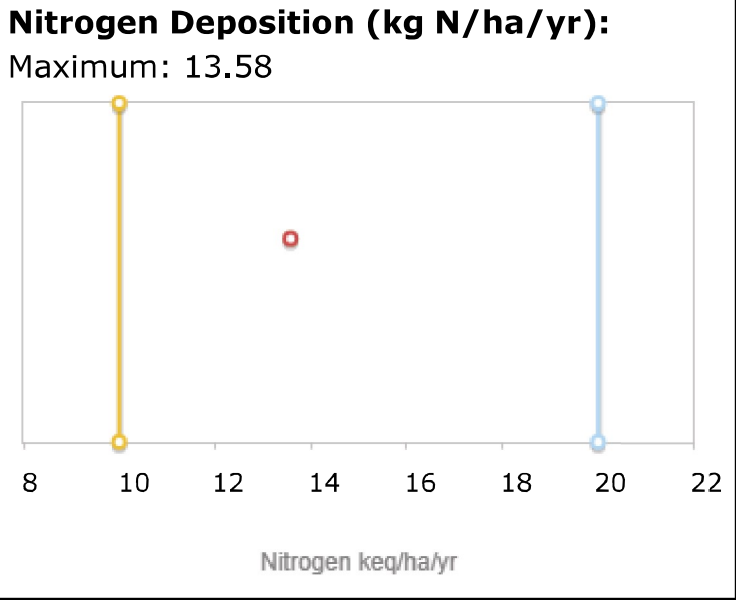
Maximum: 13.58



Feature: Caprimulgus europaeus - European nightjar

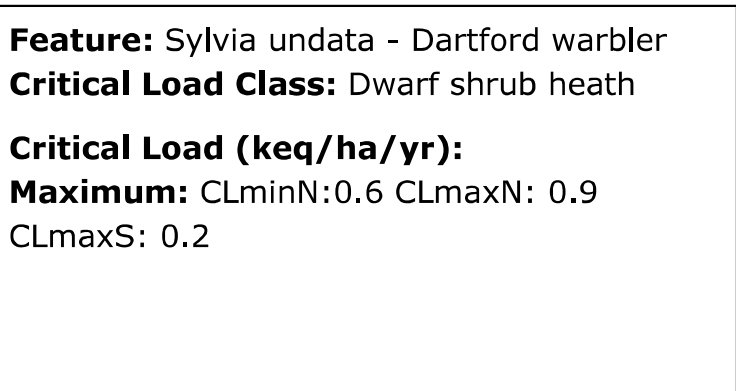
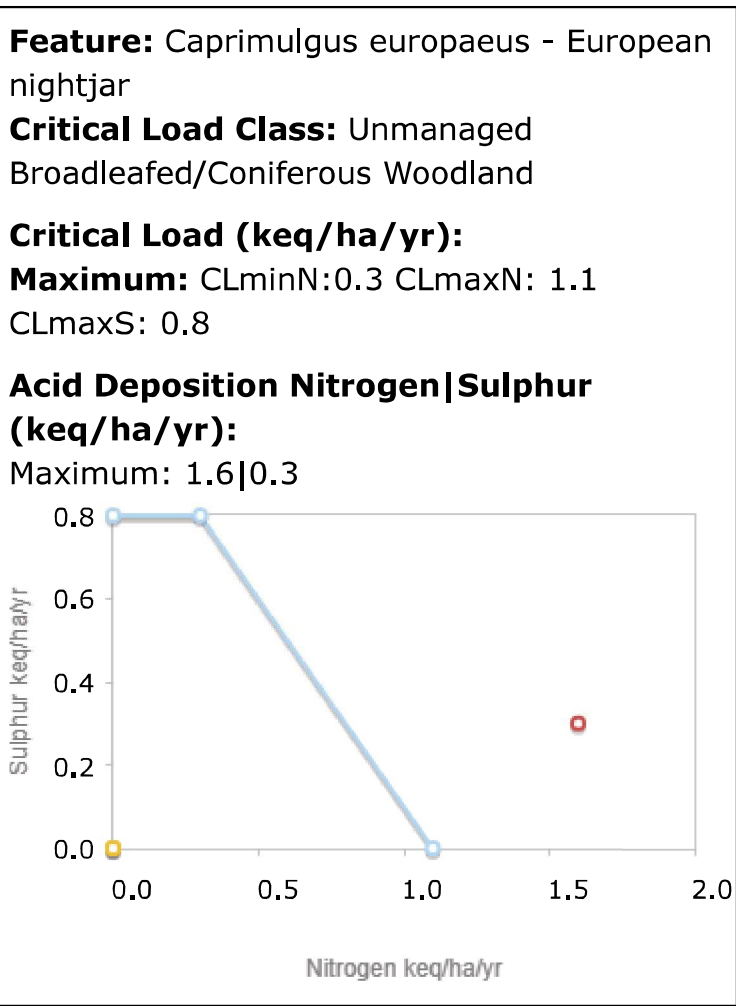
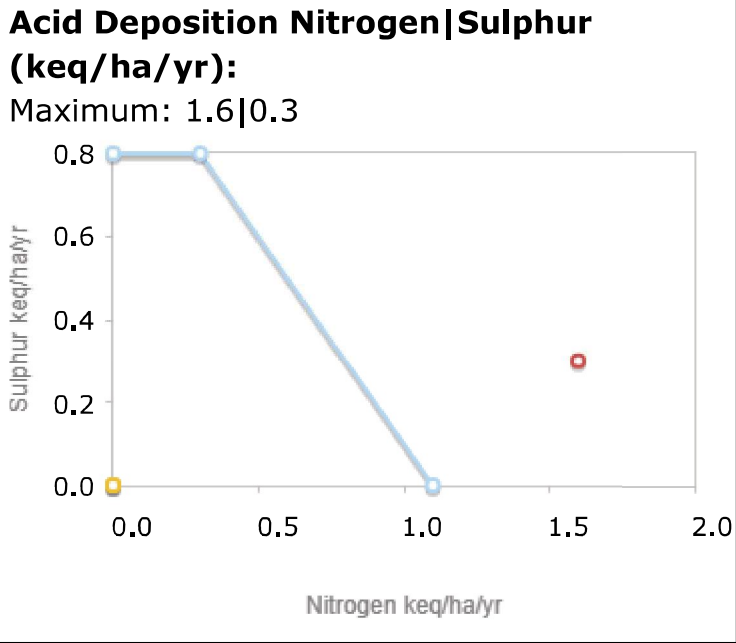
Critical Load Class: Dry heaths

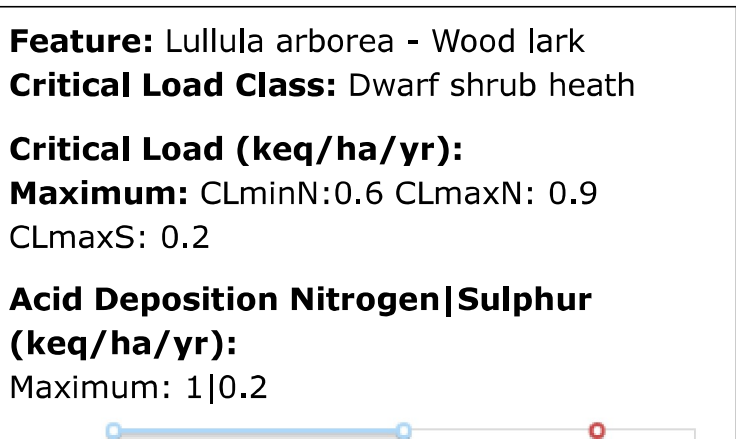
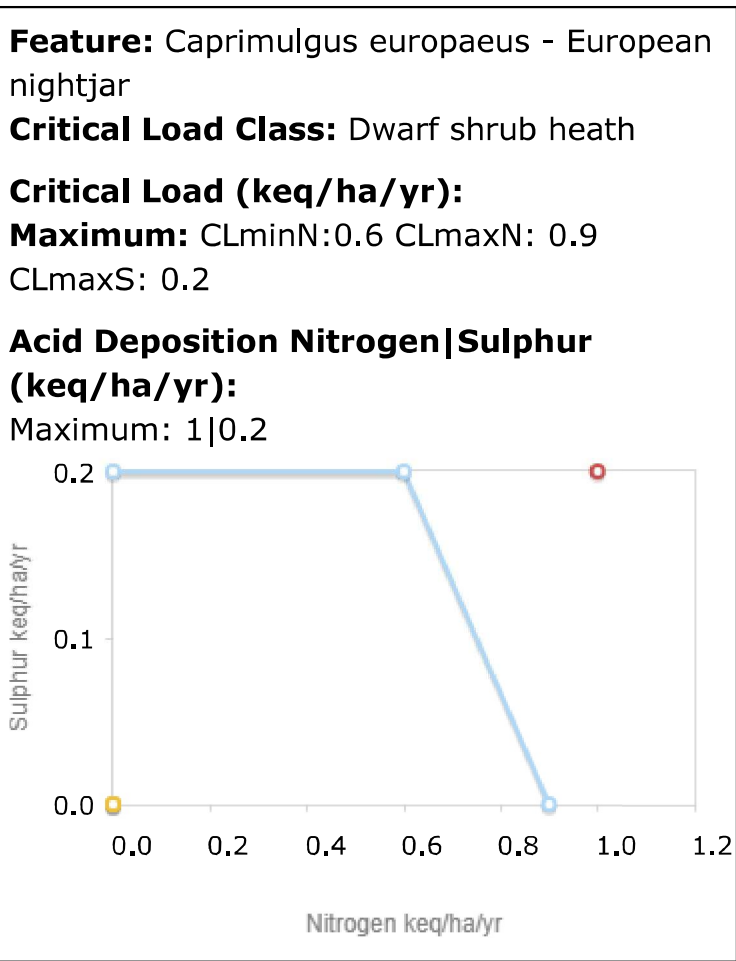
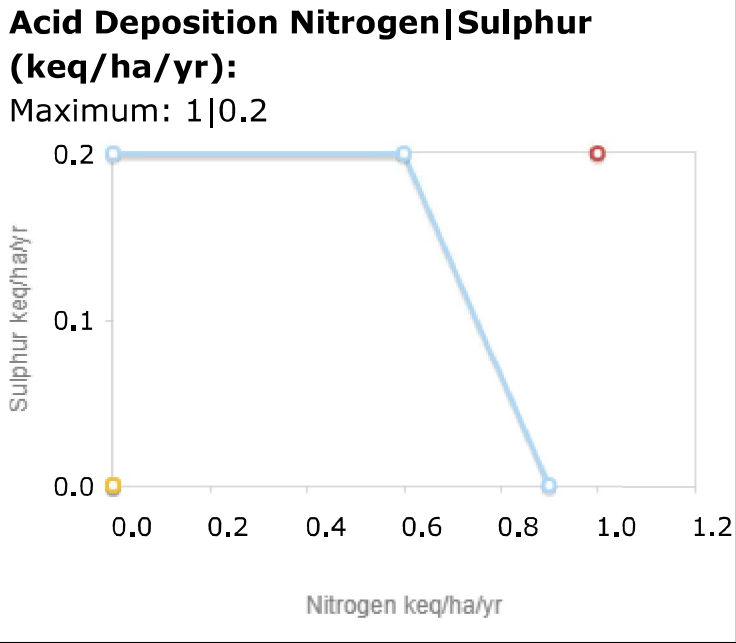
Critical Loads (kg N/ha/yr): 10-20

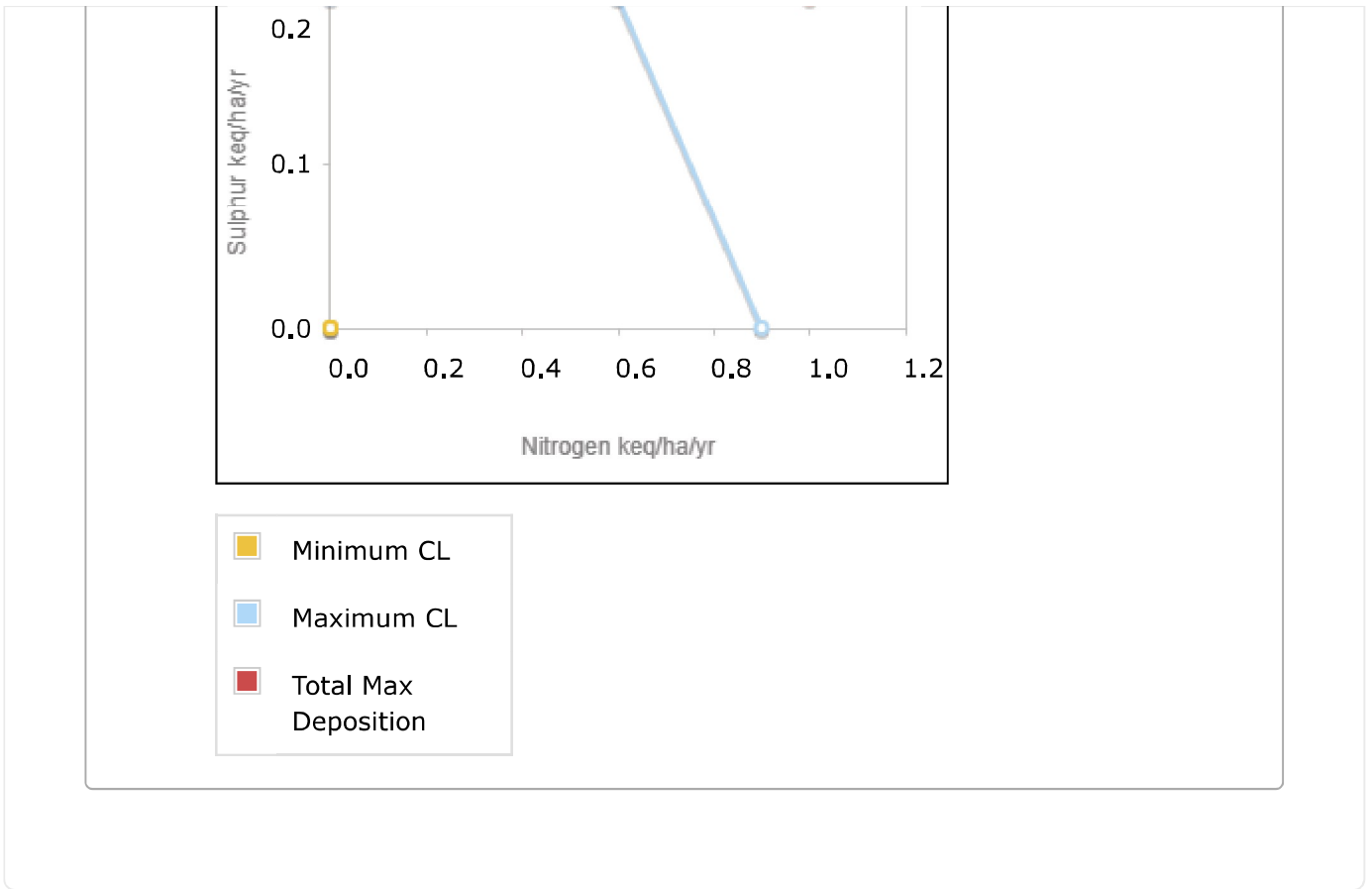


Acidity Critical Loads

Feature: Lullula arborea - Wood lark
Critical Load Class: Unmanaged Broadleafed/Coniferous Woodland
Critical Load (keq/ha/yr):
Maximum: CLminN:0.3 CLmaxN: 1.1
 CLmaxS: 0.8







[Privacy Notice \(/privacy-notice\)](/privacy-notice)

[Login \(/user/login\)](/user/login)



[\(http://jncc.defra.gov.uk/\)](http://jncc.defra.gov.uk/)





(<http://www.environment-agency.gov.uk/>)

(<http://www.doeni.gov.uk/niea/index.htm>)



(<http://www.snh.gov.uk/>)



(<http://www.sniffer.org.uk/>)



(<http://www.naturalengland.org.uk/>)



(<http://www.ccw.gov.uk>)



(<http://www.sepa.org.uk/>)



APIS ©2016 Hosted & Maintained by CEH