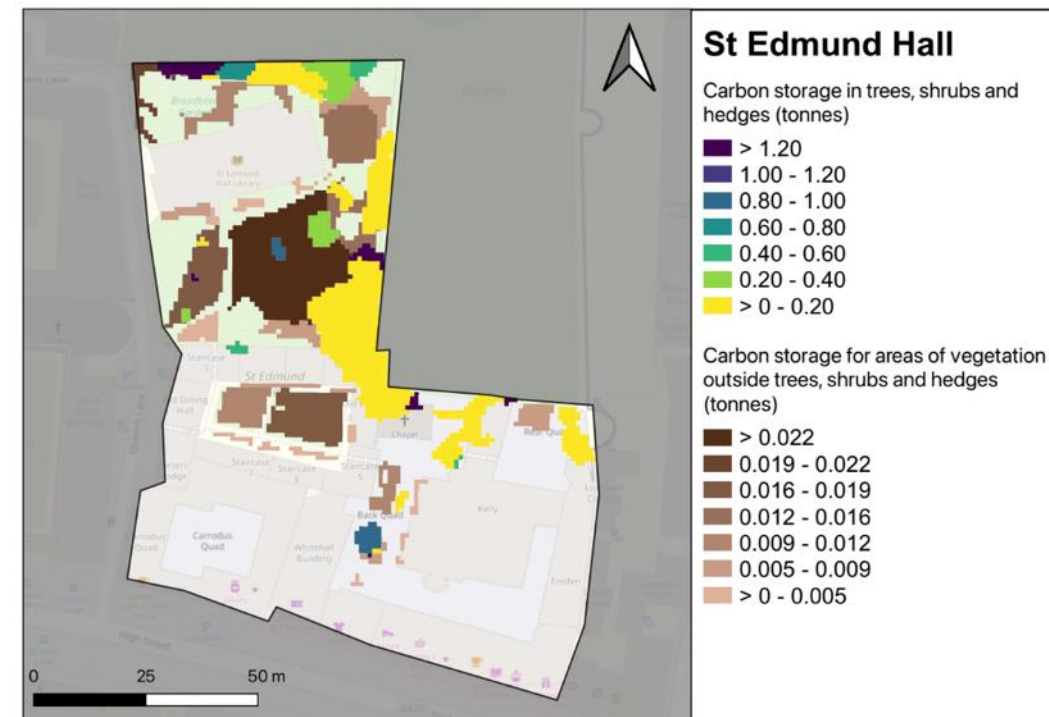


Estimated Biodiversity Assets: St Edmund Hall

Queen's Lane and Norham Gardens

| Asset | Quantity | Unit |
|---|----------|----------------|
| Total site area | 1.71 | ha* |
| Carbon storage and sequestration | | |
| Estimated total carbon stored in vegetation | 25.2 | tonnes |
| Land cover | | |
| Area of trees | 0.27 | ha |
| Area of mowed lawn | 0.29 | ha |
| Area of wetlands and water meadows | 0.00 | ha |
| Area of herbaceous borders and flower beds | 0.14 | ha |
| Area of meadow and uncut grass | 0.03 | ha |
| Area of water | <0.01 | ha |
| Other | 0.98 | ha |
| Trees | | |
| Total trees recorded | 58 | count |
| Species richness | 30 | No. of species |
| Birds | | |
| Total abundance | 58 | count |
| Species richness | 18 | No. of species |
| RSPB Birds of Conservation Concern: Red | 3 | No. of species |
| RSPB Birds of Conservation Concern: Amber | 2 | No. of species |
| RSPB Birds of Conservation Concern: Green | 10 | No. of species |
| Earthworms | | |
| Soil-feeding | 1 | No. of worms |
| Deep-living | 0 | No. of worms |
| Surface-feeding | 0 | No. of worms |
| Insects | | |
| Total abundance | 500 | count |
| Flies - <i>Diptera</i> | 332 | count |
| Beetles (including ladybirds and weevils) - <i>Coleoptera</i> | 28 | count |
| Hymenoptera (including ants, bees and wasps) - <i>Hymenoptera</i> | 126 | count |



| Landcover | Carbon Stocks | | | |
|------------------------------------|---------------|--------------------------|---------------|---|
| | Area (ha) | Total (tonnes of carbon) | % of total | Average per hectare (tonnes of carbon/ha) |
| Trees | 0.27 | 24.59 | 97.60 | 91.07 |
| Mowed lawn | 0.29 | 0.29 | 1.14 | 1.00 |
| Wetlands and water meadows | 0.00 | - | - | - |
| Herbaceous borders and flower beds | 0.14 | 0.29 | 1.14 | 2.00 |
| Meadow and uncut grass | 0.03 | 0.03 | 0.12 | 1.00 |
| Water | <0.01 | 0.00 | 0.00 | 0.00 |
| Total | 0.73 | 25.20 | 100.00 | 34.45 |

Table 2. Register of carbon stored in vegetation – St Edmund Hall College

1.71 hectares of land surveyed (1 hectare = 2.47 acres)

An estimated 25.2 tonnes of carbon stored in vegetation (92.4 tonnes CO₂e)



58 trees recorded

30 species identified



58 birds recorded

30 species identified

RSPB Birds of Conservation Concern status:

Red – 3 species (including cuckoo, song thrush, skylark, starling)

Amber – 2 species (including bullfinch, kingfisher, swift, dunnock)

Green – 10 species (including goldcrest, coal tit, hooded crow, jay)

500 insects recorded

Abundant orders:



Flies – 332



Bees and wasps – 126



Beetles (inc. ladybirds and weevils) – 28



1 earthworm recorded

0 soil-feeding; 0 deep-living;

1 surface-feeding