

UKHab 2.0 Survey Report & BNG

Subject	Elmfield House, Salisbury	Date	13.06.2025
Ref	5555.4	Previous versions:	5555.3
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Introduction

In May 2025 Daniel Ahern Ecology were instructed by Elmfield Spinney Development Ltd to complete a UKHab 2.0 survey of a site at Petersfinger Road, Salisbury, where it is proposed to build a 10 new dwellings on the current land.

Method

UKHab 2.0 survey of the site was undertaken with reference to the Chartered Institute of Ecology and Environmental Management's Guidelines for Preliminary Ecological Appraisal (CIEEM, 2017).

The survey was conducted on the 30th of April 2025 by Megan Conway and Chris Fry, previously the site had been surveyed on the 24th of May 2023 by Daniel Ahern and Peter Allen.

The weather conditions were good with an average temperature of 18°C.

During the survey, dominant plant species were recorded, and habitats were classified according to their vegetation types, as identified in the UKHab 2.0 user's handbook. Target notes (TN) were taken to denote species and habitats of conservation interest and to describe the vegetation in areas that were too small to map. Evidence or habitat suitable for any legally protected species was recorded, where appropriate.

The presence of any Category 9 invasive non-native plant species was recorded.

Results

The following habitat type were recorded during the survey:

- u1d (secondary code 510) – bare ground
- u1d (secondary code 828) – Vegetated garden
- u1c – artificial vegetated unsealed surface
- u1b5 – buildings
- g4 – modified grassland
- g3c5 – Arrhenatherum neutral grassland
- g3c – (secondary code 16) – tall forbs
- h3 – dense scrub
- r1 – (secondary code 46) – Ornamental lakes and ponds
- r1a – eutrophic standing waters
- w1h – other woodland – mixed
- u1e – (secondary code 853 – mortared wall) built linear features

Species lists for the habitats recorded are set out in Table 1, below.

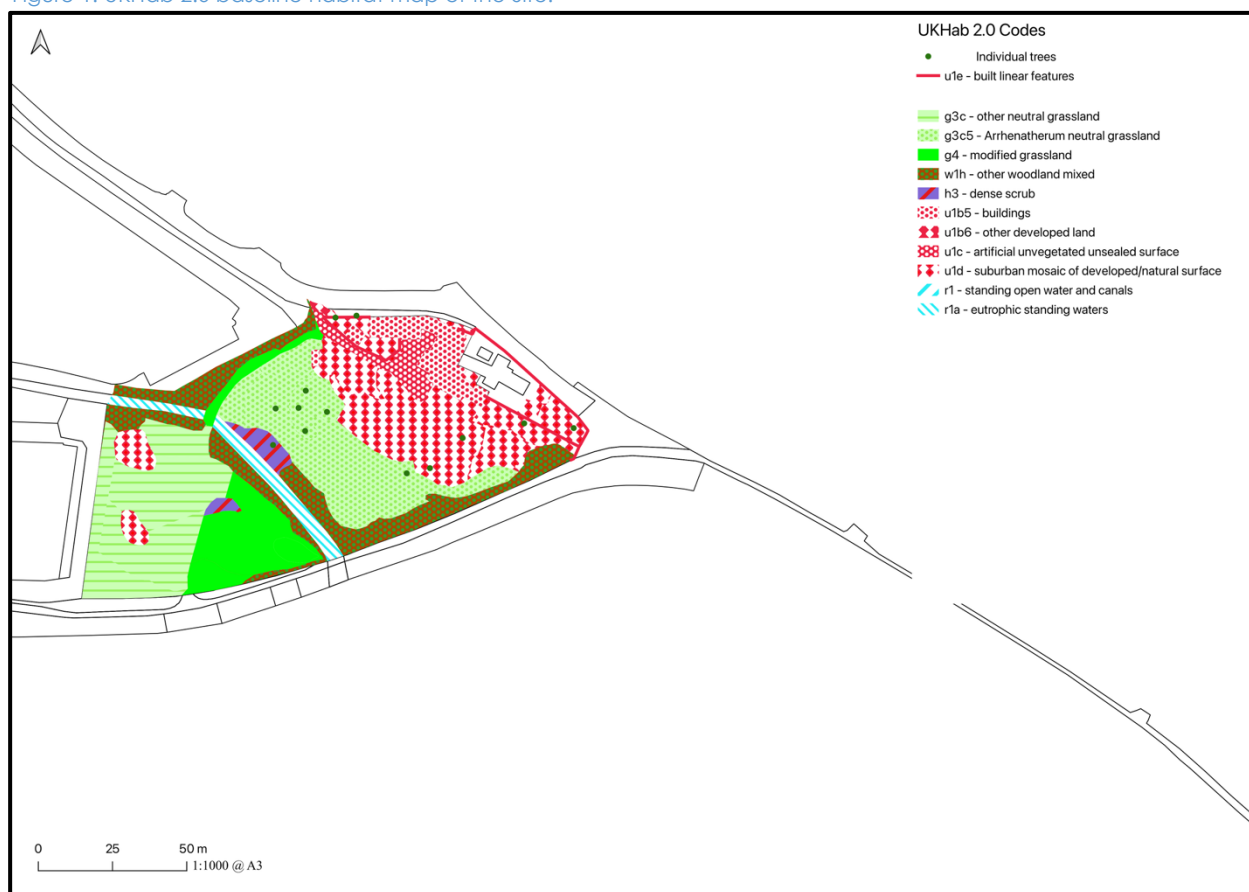
Table 1. Species list for the habitats recorded on site.

Habitat type	Species recorded	Percentage present
u1d (secondary code 510) – Bare ground	N/A	N/A
u1d (secondary code 828) – vegetated garden	European Gooseberry – <i>Ribes uva-crispa</i> Currant sp. – <i>Ribes</i> Sp. Daffodil - <i>Narcissus</i> sp. Primrose – <i>Primula vulgaris</i> Poormans Box - <i>Lonicera nitida</i> Variegated Yellow Archangel - <i>Lamium galeobdolon argentatum</i>	15% 15% 30% 25% 5% 20%
g3c5 – Arrhenatherum neutral grassland	Annual meadow grass – <i>Poa annua</i> Cocksfoot – <i>Dactylis glomerata</i> Perennial rye grass – <i>Lolium perenne</i> False oat grass - <i>Arrhenatherum elatius</i> Timothy – <i>Phleum pratense</i> Meadow foxtail - <i>Alopecurus pratensis</i> Creeping buttercup – <i>Ranunculus repens</i> Daisy – <i>Bellis perennis</i> Dandelion – <i>Taraxacum officinale</i> White clover – <i>Trifolium repens</i> Spanish Bluebell - <i>Hyacinthoides hispanica</i> Cleavers – <i>Galium aparine</i> Dock – <i>Rumex</i> sp. Thistle – <i>Cirsium</i> sp.	10% 15% 5% 15% 5% 10% 5% 5% 5% 5% 10% 5% 3% 2%
g4 - Modified grassland	Perennial rye grass – <i>Lolium perenne</i> Red fescue – <i>Festuca rubra</i> Annual meadow grass – <i>Poa annua</i> Timothy – <i>Phleum pratense</i>	35% 25% 25% 15%
g3c – (secondary code 16) – tall forbs	Annual meadow grass – <i>Poa annua</i> Timothy – <i>Phleum pratense</i> Nettle – <i>Urtica dioica</i> Creeping thistle – <i>Cirsium arvense</i> Creeping buttercup - <i>Ranunculus repens</i> Daffodil - <i>Narcissus</i> sp. Lungwort – <i>Pulmonaria</i> sp. Green alkanet – <i>Pentaglottis sempervirens</i> Primrose – <i>Primula vulgaris</i> Spanish Bluebell - <i>Hyacinthoides hispanica</i>	5% 5% 25% 20% 25% 2% 5% 15% 3%
h3 – Dense scrub	Bramble – <i>Rubus fruticosus</i> Ivy – <i>Hedera helix</i> Hazel – <i>Corylus avellana</i> Hawthorn - <i>Crataegus monogyna</i> Holly – <i>Ilex aquifolium</i> Spanish Bluebell - <i>Hyacinthoides hispanica</i>	60% 5% 10% 10% 10% 5%
r1 – (secondary code 46) – Ornamental lakes and ponds	Iris – <i>Iris</i> sp. Marsh marigold - <i>Caltha palustris</i> Amphibious bistort - <i>Persicaria amphibia</i>	50% 25% 25%
r1a – eutrophic standing waters	Common duckweed - <i>Lemna minor</i> Yellow flag iris - <i>Iris pseudacorus</i> Pond sedge – <i>Carex</i> sp.	50% 25% 25%

w1h - other woodland - mixed	Beech - <i>Fagus sylvatica</i>	5%
	Oak - <i>Quercus robur</i>	10%
	Sycamore - <i>Acer pseudoplatanus</i>	15%
	Holly - <i>Ilex aquifolium</i>	10%
	Scots pine - <i>Pinus sylvestris</i>	10%
	Wych elm - <i>Ulmus glabra</i>	10%
	Yew - <i>Taxus baccatta</i>	5%
	Ash - <i>Fraxinus excelsior</i>	5%
	Crack willow - <i>Salix x fragilis</i>	7%
	Goat willow - <i>Salix caprea</i>	10%
	Butchers broom - <i>Ruscus aculeatus</i>	1%
	Cherry laurel - <i>Prunus laurocerasus</i>	10%
	Solomons seal - <i>Polygonatum multiflorum</i>	1%
	Spanish Bluebell - <i>Hyacinthoides hispanica</i>	1%

The results are presented in a UKHab 2.0 map (see Figure 1).

Figure 1. UKHab 2.0 baseline habitat map of the Site.



The results of this UKHab survey may be used to inform a Biodiversity Net Gain assessment.

It is proposed to modernise and convert the current property and also build 11 houses and associated infrastructure on the site, the statutory metric was used for the proposed development, this shows a net loss of 32.56% within the habitats on-site.

Figure 2. Statutory metric result for the proposed development.

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Figure 3. Projected post development map of the Site.

