

Land Adjacent to
Upper Cefn Perfa
House

**Kerry
Newtown
SY16 4DW**



**A Biodiversity
Enhancement Plan
By:**



On Behalf Of:

**Mr and Mrs
Woodbine**

January 2022

Client	Mr and Mrs Woodbine
Project Name	Land adjacent to Upper Cefn Perfa House, Kerry, Newtown SY16 4DW
Report Title	A Biodiversity Enhancement Plan
File Reference	GEN9820

Status	Name	Position	Date
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1 Introduction

- 1.1 Planning consent (21/0551/FUL, dated 22nd October 2021) has been granted by Powys County Council for the creation of a glamping site, to include 5 pods, a log cabin, septic tanks and associated works, on land adjacent to Upper Cefn Perfa House, Kerry, Newtown SY16 4DW. The site is centred on National Grid Reference (NGR) SO 12086 89068, at an altitude of approximately 343m Above Ordnance Datum (AOD).
- 1.2 In order to address Condition 6 of the planning consent, a Biodiversity Enhancement Plan is proposed in this document. The enhancements described in the plan focus on the installation of a suite of three bird boxes and three bat boxes, in addition to areas of planting. These enhancements are designed to complement existing features and habitat on site. Once approved by the Powys County Council, this document must be implemented in full to comply with the planning permission.
- 1.3 The site does not lie within any designated site of conservation value (e.g. a Site of Special Scientific Interest (SSSI); Special Area of Conservation (SAC); Special Protection Area (SPA); or National Nature Reserve (NNR)). No sites possessing statutory designation are present within a 2km radius of the site.

2 Proposed Development Works and Site Assessment

- 2.1 A site visit was conducted on Wednesday the 3rd of February 2021 by Assistant Ecologist (Phoebe Williams of Just Mammals Limited), in order to carry out a Preliminary Ecological Appraisal. This Biodiversity Enhancement Scheme is also prepared by Phoebe Williams.
- 2.2 Situated approximately 2.4km south-west of the village of Kerry, the site boundaries are marked by a post-and-wire fence, with a steel bar gate at the south-east corner for access. From this south-east corner, a short track leads up to an open area of bare ground, which extends west. To the north of this area is a steep bank that is sparsely covered with vegetation, which includes few saplings and more mature scattered trees. Most of the site is composed of woodland habitat which extends to the west, with mostly coniferous trees covering the slope that falls to the south.
- 2.3 The woodland understorey is sparse, and ground flora is mostly absent. A bare ground pathway runs from the north-east corner of the site, descends through the woodland to the west, before curving around and down into the lower southern end of the wood. A grassland field makes up the western parcel of the site, which also slopes from north to south. A hedgerow with multiple gaps, partially aligns the western and southern boundaries of the field, and a second steel bar gate provides additional access at the south-west corner. A low number of timber bat and bird boxes were noted with the southern area of the woodland.

3 Enhancements for Biodiversity

- 3.1 The proposed works to create a glamping site are of a modest nature and an appropriate level of enhancements is proposed to comprise:
- a suite of three bird boxes of various sizes, to include an open fronted box and a standard bird box with small hole opening and one other design (a mix of timber and woodcrete boxes) to be installed in the woodland on suitable trees;
 - three bat boxes of different styles (1 x Schwegler 1FF universal bat box, and 2 x Vincent Pro bat boxes), on broadleaved trees along the southern edge of the woodland;
 - a wildflower area to be created and maintained in the field to the west of the site – Emorsgate EM3 wildflower seed mix is recommended, with some twenty-five wild plant and grass species;
 - hedgerow planting must be undertaken to increase the species diversity and connectivity of the hedgerow to the west and south-west of the site – a mix of native species must be used from the table below;
 - to increase the species diversity of the woodland, as it dominated by conifers, tree planting is proposed with native species – species must include a variety from the table below.

Table 1: Recommended Native Tree and Shrub Species

Common Name	Scientific Name
Alder	<i>Alnus glutinosa</i>
Crab apple	<i>Malus sylvestris</i>
Dogwood	<i>Cornus sanguinea</i>
Elder	<i>Sambucus nigra</i>
Field maple	<i>Acer campestre</i>

Hawthorn	<i>Crataegus monogyna</i>
Hazel	<i>Corylus avellana</i>
Holly	<i>Ilex aquifolium</i>
Rowan	<i>Sorbus aucuparia</i>
Silver birch	<i>Betula pubescens</i>
Yew	<i>Taxus baccata</i>

- 3.2 The wildflower area must be managed to benefit wildlife, by way of a cut in late-August, followed by a second cut in early spring if required. Cuttings must be removed and piled up in a single location on site, to create a habitat feature for sheltering wildlife.
- 3.3 Bat boxes are to be positioned on suitable trees on the southern edge of the woodland habitat, at least 4m above the ground. Clear flightpaths must be created by cutting branches below the boxes if required. Boxes must be sheltered from strong winds and exposed to sunlight for part of the day, positioned on south, south-east or south-west elevations of the trees.
- 3.4 Installation of the bird boxes on suitable trees needs to consider an appropriate height to avoid disturbance; also avoiding direct sunlight, prevailing wet weather and potential predation by cats. Proximity to adjacent natural vegetation provides secure flight lines for the adult birds and can encourage the birds to adopt the boxes more readily.
- 3.5 The provision of additional features such as two small log piles at least 0.5m² and 30cm high, in a semi-shaded location, would benefit a variety of wildlife from invertebrates to small mammals.
- 3.6 All enhancement features are to be installed and in place prior to the first use of the glamping pods.

4 Site Photographs

Plate 1: Proposed wildflower area in field to east of the site and location of hedgerow planting along field edge



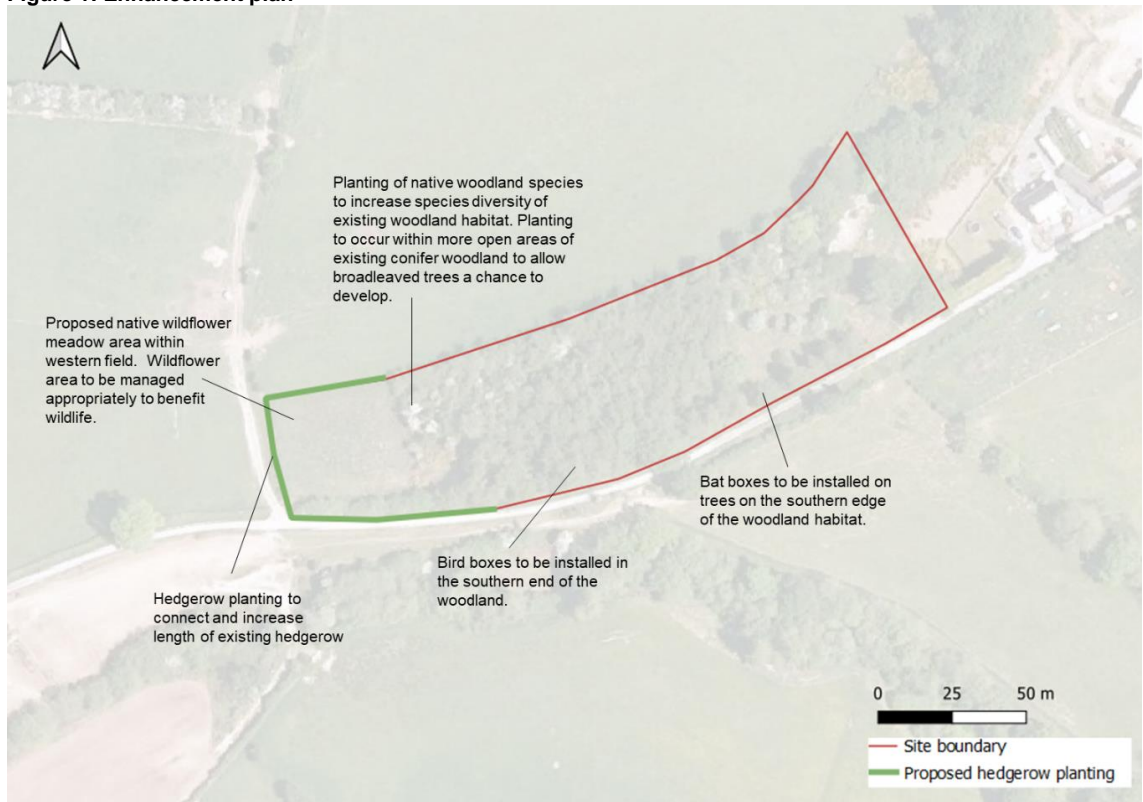
Plate 2: Proposed location of hedgerow planting along field edge to the east



Plate 3: Proposed planting of native tree species to increase woodland diversity



Figure 1: Enhancement plan



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