

# Supplementary Ecology Report Dormouse

November 2024

Land North-East of Humber Doucy Lane,  
Ipswich

Prepared by  
CSA Environmental

On behalf of  
Barratt David Wilson Homes & Hopkins Homes

Report No: CSA/6675/11

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Report Reference	Revision	Date	Prepared by	Approved by	Comments
CSA/6675/11	-	05/11/2024	CH	JW	



## **1.0 Legislation**

- 1.1 The dormouse is legally protected through inclusion under Schedule 5 of the Wildlife and Countryside Act 1981 (as amended) and is afforded further protection as a European Protected Species (EPS) under Regulation 43 of the Conservation of Habitats and species Regulations 2017 (as amended).
- 1.2 Collectively and in summary, this legislation makes it an offence to:
  - Intentionally or deliberately kill, injure or capture dormice
  - Intentionally, deliberately or recklessly disturb dormice in such a way as to be likely to significantly affect the ability of any significant group of dormice to survive, breed, rear or nurture their young, or the local distribution of or abundance of the species
  - Intentionally or recklessly damage, destroy or obstruct access to places used by dormice for shelter or protection (whether occupied or not) or intentionally or recklessly disturb a dormouse whilst it is occupying such a place
  - Damage or destroy a breeding site or resting place of a dormouse
- 1.3 Where development is proposed that would result in an offence under the Regulations, an EPS statutory derogation licence (often termed 'EPS Mitigation Licence') will need to be secured from Natural England to permit an act that would otherwise be unlawful. Such a licence can only be granted following receipt of planning permission with all relevant conditions discharged, and where it has been demonstrated that specific statutory derogation tests have been met.

## **2.0 Methods**

- 2.1 Dormouse nest tubes were installed at the site on 31 August 2023 by Matthew Dale ACIEEM and Owen de Graaf. The intention of these surveys is to determine the presence or likely absence of dormice within suitable habitat across all areas of the Site that will be impacted by the proposals. A total of 50 dormouse nest tubes were distributed across the Site, along boundary vegetation, including hedgerows. The location of these nest tubes is shown on the Dormouse Survey Plan (CSA/6675/112).
- 2.2 Nest tubes are made from stiff, double-walled black plastic sheets or similar material, 25cm long with a 5cm x 5cm cross-section. A thin plywood tray is inserted into the tube with a short projection at one end and an end block at the other which seals the tube. The tubes are then tied in a suitable location along a horizontal branch in vegetation. Dormice are known to readily use these tubes to build their nests (Bright *et al.*, 2006).
- 2.3 Three (monthly) checks were carried out between September and November 2023, followed by four between April and July 2024. All surveys were conducted accordance with the Dormouse Conservation

Handbook 2nd ed. (Bright *et al.*, 2006) and intended to demonstrate a minimum combined 'search effort' score of 20, as based upon the indices of probability within Table 1 below upon completion of all visits. A search effort score of 20 is taken to be the minimum to adequately determine presence or likely absence of dormice within a survey area. Based on the months that nest tubes were deployed and surveyed, a score of 20 has been accrued.

**Table 1.** Index of probability of finding dormice present in nest tubes in any one month

Month	Index of probability	Cumulative search effort score
April	1	1
May	4	5
June	2	7
July	2	9
August	5	14
September	7	21
October	2	23
November	2	25

- 2.4 Checks were undertaken by Carly Howes ACIEEM (Natural England Class Licence WML-CL10a – Registration Number 2017-28220-CLS-CLS), Laura Farrar ACIEEM and Matthew Dale ACIEEM. Bird droppings and other material such as wood mouse nests were cleaned out if found, to maintain the potential of each tube to be used by dormice.

#### *Limitations*

- 3.0 There were no specific limitations to the dormouse surveys, which were conducted at an optimum time of year and in good conditions.

## **4.0 Results**

- 4.1 No evidence to suggest hazel dormouse is using the Site for foraging, breeding or nesting has been identified during the survey work undertaken between September-November 2023 and April-July 2024. Based on the survey effort it can be concluded that dormouse are likely absent from the Site.

- 4.2 Numerous wood mouse *Apodemus sylvaticus* nests and caches were recorded within the dormouse nest tubes.

- 4.3 Full survey results are provided in Table 2 below.

## **5.0 References**

- 5.1 Bright *et al.*, 2006. *The Dormouse Conservation Handbook*. 2nd ed. Peterborough: English Nature



- Site boundary
- Dormouse tube location, with number of refugia (total 50)



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Project	Land North-East of Humber Doucy Lane, Ipswich	Date	January 2024	Drawing No.	CSA/6675/112
Drawing Title	Dormouse Survey Plan	Scale	Refer to scale	Rev	-
Client	Barratt David Wilson Homes & Hopkins Homes	Drawn	LF	Checked	CH

Table 2. Dormouse Survey Results

Project Number & Name	6675 Land East of Humber Doucy Lane, Ipswich
Date of Set-up	31st September 2023 (MD and OdG)

Nest Tube Number	First Survey Date / Surveyor:	Second Survey Date / Surveyor:	Third Survey Date / Surveyor:	Fourth Survey Date / Surveyor:	Fifth Survey Date / Surveyor:	Sixth Survey Date / Surveyor:	Seventh Survey Date / Surveyor:
	28/09/2023 (CH & MD)	27/10/2023 (LF/MD)	26/11/2023 (LF)	03/04/2024 (LF)	03/05/2024 (LF)	11/06/2024 (CH)	12/07/2024 (CH)
1	-	-	Wood mouse nest (brown leaves unwoven)	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	-	-	-	-	-
7	-	-	-	-	-	-	-
8	-	-	Wood mouse nest (brown leaves unwoven)	-	-	-	-
9	-	-	-	-	-	-	-
10	-	-	Wood mouse nest (brown leaves unwoven)	Wood mouse nest (brown leaves unwoven)	Wood mouse nest (brown leaves unwoven)	-	-
11	-	-	-	-	-	-	-
12	Wood mouse nest	Wood mouse nest (brown leaves unwoven)	Wood mouse nest (brown leaves unwoven)	Wood mouse nest (brown leaves unwoven)	Wood mouse nest (brown leaves unwoven)	Wood mouse nest (brown leaves unwoven)	-
13	-	-	-	-	-	-	-
14	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-
17	-	-	-	-	-	-	-
18	-	-	-	-	-	-	-
19	Wood mouse cache	-	-	-	-	-	-
20	-	-	-	-	-	-	-
21	-	-	-	-	-	-	-
22	-	-	-	-	-	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
25	-	Nut cache (assumed wood mouse)	Nut cache (assumed wood mouse)	-	-	-	-
26	-	-	-	-	-	-	-
27	-	-	-	-	-	-	-
28	-	-	-	-	-	-	-
29	-	Nut cache (assumed wood mouse)	Nut cache (assumed wood mouse)	-	-	-	-
30	-	-	-	-	-	-	-
31	-	-	-	-	-	-	-
32	-	-	Wood mouse nest (brown leaves unwoven)	-	-	-	-
33	-	-	Nut cache (assumed wood mouse)	-	-	-	-
34	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-
36	-	-	Wood mouse nest (brown leaves unwoven)	-	-	-	-
37	-	-	-	-	-	-	-
38	-	-	-	-	-	-	-
39	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-
41	-	-	-	-	-	-	-
42	-	-	-	-	-	-	-
43	-	-	-	-	-	-	-
44	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-
46	-	-	-	-	-	-	-
47	-	-	-	-	-	-	-
48	-	-	-	-	-	-	-
49	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-



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