



Loughborough Campus Biodiversity

# Bumblebee Transects

Our campus is home to the big 7 species of Bumblebee.

From April to September, we collect data on the number and species of bees on campus.

Staff, students and members of the public can volunteer to join the rota which will involve about 1 event per month.

The route takes approximately 40 minutes to walk and is dependent on dry warm conditions between 10am and 2pm.

Training will be provided.

For further information please contact [environment@lboro.ac.uk](mailto:environment@lboro.ac.uk)





# Bees



# Butterfly Transects

Hollywell Park is home to 17 species of butterfly and 345 individual butterflies were spotted in 2022.

From April to September, we collect data on the number and species of butterflies on campus.

Staff, students and members of the public can volunteer to join the rota which will involve about 1 event per month.

The route takes approximately 1 hour to walk and is dependent on dry warm conditions between 10am and 2pm.

Training will be provided.

For further information please contact [environment@lboro.ac.uk](mailto:environment@lboro.ac.uk)









# Butterflies and Moths

# Hedgehogs

We are a Hedgehog Friendly Campus and achieved our Bronze Award for 2022/23

Our submission was praised for the range of actions that we had taken and staff and student involvement.

The next step is to achieve silver requiring us to replace habitats and reduce hazards.

If you want to be involved in our Hedgehog Friendly Group contact [environment@lboro.ac.uk](mailto:environment@lboro.ac.uk).



**HEDGEHOG FRIENDLY CAMPUS**

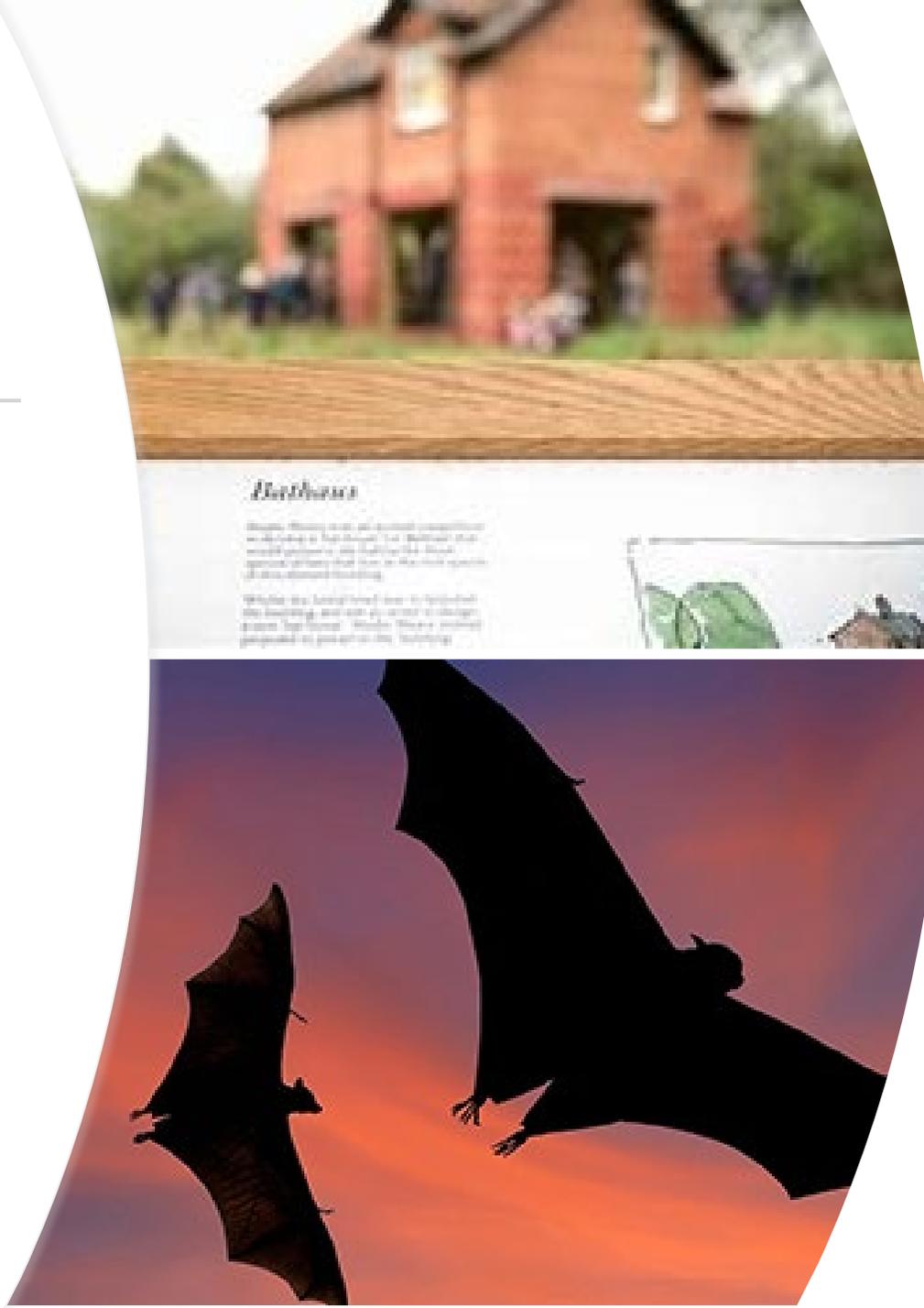
**BRONZE AWARD**  **2022/23**

# Bats

We have historically recorded 6 species of bat on Campus.

Keep an eye out for our dusk bat walks.

In 2018 a colony of brown long-eared bats were found in an old cottage on campus which has been transformed into an art installation known as Bathaus. New surveys will be required to determine whether this species still lives on campus.





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# Birds

There are at least 45 different species of birds on campus.

18 species are known to breed on campus, including our kestrels which have returned year after year to nest.



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# Insects

Our diverse campus habitat provides a home for numerous insects, including 159 species of moth.

This campus also boasts the world's largest aphid, appropriately named the Giant Aphid.

# Woodlands

Our campus hosts 2 woodlands  
Hollywell Woods and Burleigh  
Woods.

Hollywell and Burleigh Woods are  
ancient woodlands with recorded  
history dating back at least 900  
years.

We host regular guided woodland  
walks throughout the year to  
promote student and staff  
wellbeing.

Spring is an excellent time to visit as  
this is when the bluebells flower  
and people can join us on our  
guided bluebell walks.



# Trees

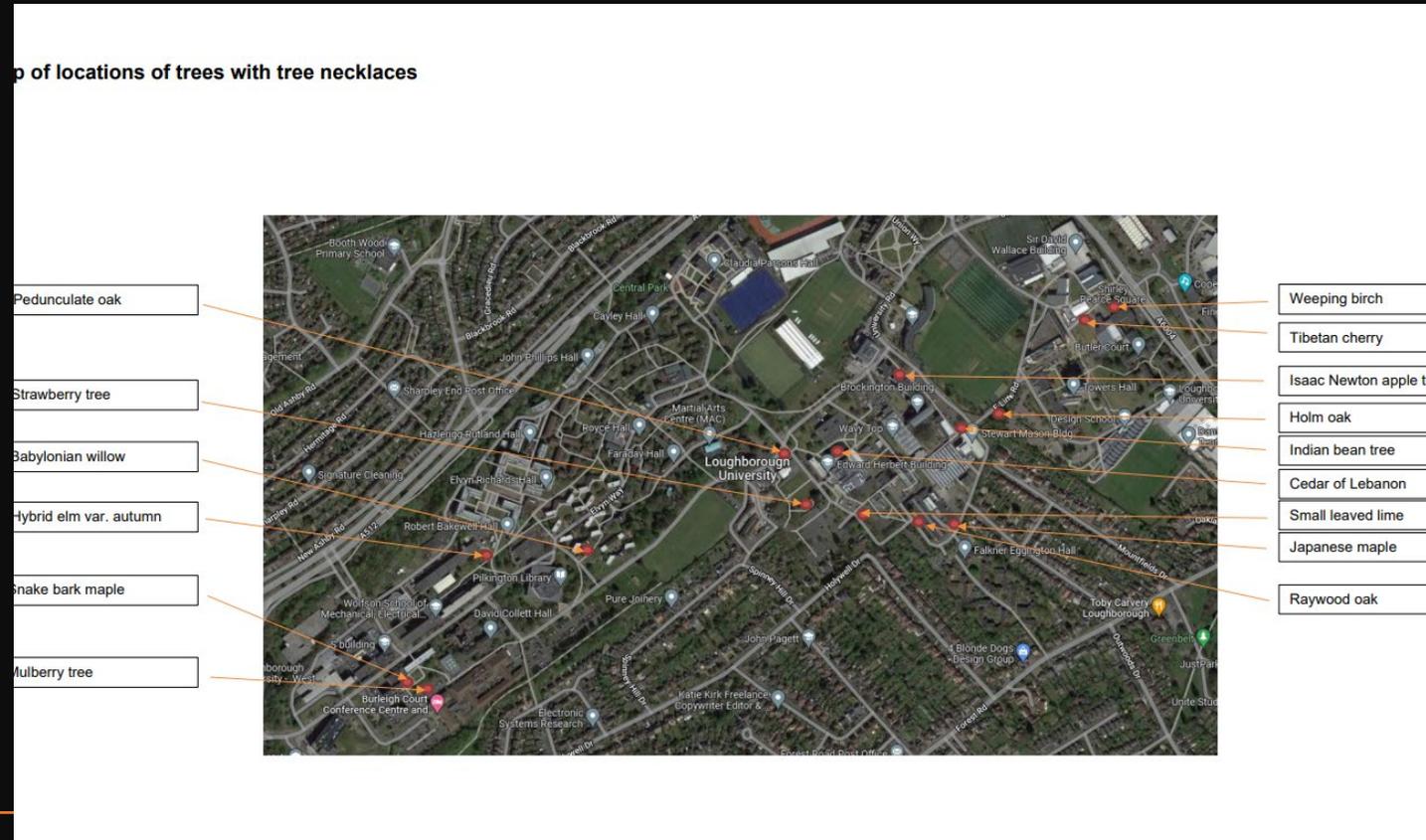
Trees are important parts of our urban landscape as they enhance biodiversity and wellbeing.

The campus has thousands of trees some of which date back hundreds of years.

Some notable trees include:

- Cedar of Lebanon outside EHB which comes from the original estate and is approximately 188 years old
- Pedunculate Oak south-west of International House which is 150-300 years old
- Pedunculate Oak south-west of Hollywell Building which is 250-300 years old

Trees of interest are identified by Tree Necklaces which have been produced using campus oak and detail the species. As per the background map.



# Plants



Wherever possible the gardens team strive to plant many species of plant to support pollinators, which play an essential role in biodiversity.

They provide nectar, pollen and specific host food for native insects and their larvae, which in turn, sustain local and migrating birds, bats and other wildlife.



# Fungus

The campus woodlands contain multiple species of fungus which come in a variety of shapes, colours and sizes and support the ecosystem.

Top images from left to right: Sulfur Tuft, Jelly Ear, King Alfred's Cakes, Beefsteak.

Bottom images: Candle Snuff, Giant Puffball



A photograph of a garden scene. In the foreground, a woman in a red top is smiling and looking towards a man in a white t-shirt that says 'EAST BAY'. They are standing under a trellis covered in green leaves and bright pink roses. In the background, other people are visible, and there are wooden planters with various plants. The scene is bright and sunny.

# Fruit Routes

Fruit Routes is a unique project and art installation established in 2011.

It provides a rich habitat for people, plants, insects and animals and hosts cultural activities.

The Fruit Routes and its orchards are open to students, staff and the public to enjoy year-round and all are welcome to the fruit produced.

For further information including our Fruit Routes Recipe Book, Map and publications visit:

<https://fruitroutesloughborough.com/>

or contact:

[environment@lboro.ac.uk](mailto:environment@lboro.ac.uk)



This map shows the main Fruit Route on campus. This route is around 1km long. We have planted over 54 different varieties of edible fruit and nut trees and over 550 hedgerow trees (blackthorn, elder, wild cherry, wild plum, crab apple, wild rose, dog rose, guelder rose, rowan, hawthorn and hazel) around the route for foraging and wildlife.

# FRUIT ROUTES



**Cherry Circle Inset**  
 Located outside the front entrance to the Art School.

**CHERRY CIRCLE**

136. Cherry Summer Sun Eater Pick late July  
 137. Cherry Regina Eater Pick mid/late July  
 138. Cherry Stella Eater Pick late July  
 139. Cherry Sunburst Eater Pick mid July  
 140. Cherry Dun Eater Pick mid June to mid July  
 141. Cherry Summer Sun Eater Pick late July

**Cardan/Erpallere along David Boyle Building**

109. Apricot Eater  
 110. Pear Blau Morceau  
 111. Pear Concorde Eater Pick Oct use until Dec  
 112. Graps Pambandi Eater Pick late October  
 113. Apricot Early Maerpenk Eater Pick late July  
 114. Quince Kestrel Prairie Cooker Pick early Oct

**In dip by David Davies Building**

115. Mulberry Chelsea Eater Eat from tree in Aug  
 116. Chestnut Narigulia Cooker Pick Oct/Nov  
 117. Walnut Breckwe Eater/Cooker Pick from ground Sept/Oct  
 118. Quince Champion Cooker Pick Oct

**Transcendental Orchard**

To left side of Pilkington Library

119. Crab Apple Flan's Edge Pick Oct good for cooking and wildlife  
 120. Cherry Worsle Cooker Pick Aug or leave on tree and eat when black  
 121. Crab Apple Flan's Edge Pick Oct good for cooking and wildlife  
 122. Crab Apple John Dornik Pick Oct good for cooking and wildlife  
 123. Almond Ingrid Eater/Cooker Pick Sept  
 124. Cherry Worsle Cooker Pick Aug or leave on tree and eat when black  
 125. Crab Apple John Dornik Pick Oct good for cooking and wildlife  
 126. Crab Apple John Dornik Pick Oct good for cooking and wildlife  
 127. Crab Apple Flan's Edge Pick Oct good for cooking and wildlife  
 128. Cherry Sonia Eater Pick late July  
 129. Cherry Worsle Cooker Pick Aug or leave on tree and eat when black  
 130. Almond Ingrid Eater/Cooker Pick Sept  
 131. Plum C&S Golden Drop Eater/Cooker Pick late Sept

To right of Pilkington Library

132. Pear Doyenne du Comice Eater Pick Oct  
 133. Apple James Grieve Eater/Juice Pick Sept  
 134. Pear White Nellie Eater/Cooker Pick late Oct/Nov use until March  
 135. Pear Doyenne du Comice Eater/Cooker Pick Oct

## CIDER ORCHARD

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## BURLEIGH ORCHARD

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**Cider Orchard**

92. Sweet Chestnut Pick from ground after Oct/Nov storms  
 93. Sweet Chestnut Pick from ground after Oct/Nov storms  
 94. Sweet Chestnut Pick from ground after Oct/Nov storms  
 95. Crab Apple John Dornik Pick Oct good for cooking and wildlife  
 96. Crab Apple John Dornik Pick Oct good for cooking and wildlife  
 97. Apple Falsitz Eater Pick Sept/Oct good for juice  
 98. Sweet Chestnut Pick from ground after Oct/Nov storms  
 99. Sweet Chestnut Pick from ground after Oct/Nov storms  
 100. Sweet Chestnut Pick from ground after Oct/Nov storms  
 101. Apple Hairy Mering Cooker Pick Sept/Oct use until Jan  
 102. Apple Zony A Lambert Cooker Local variety Pick Oct use until Jan  
 103. Apple Doherty Cider/Juice Pick Nov drops to ground when ripe  
 104. Apple H'ngston Black Cider/Juice Pick Nov drops to ground when ripe  
 105. Apple H'ngston Black Cider/Juice Pick Nov drops to ground when ripe  
 106. Apple H'ngston Black Cider/Juice Pick Nov drops to ground when ripe  
 107. Apple Anne Elizabeth Cooker Local variety Pick Oct use until Jan  
 108. Apple H'ngston Cider/Juice Pick Nov drops to ground when ripe

**Burleigh Orchard**

76. Apple Bramley's Seedling Cooker Origin Nottingham Pick Oct use until March  
 77. Cherry Morella Cooker Pick Aug or leave on tree and eat when black  
 78. Cherry Morella Cooker Pick Aug or leave on tree and eat when black  
 79. Cherry Morella Cooker Pick Aug or leave on tree and eat when black  
 80. Apple Ayrle Elizabeth Cooker Local variety Pick Oct use until Jan  
 81. Greening apple Golden Eater/Cooker Pick mid-Aug  
 82. Cherry Morella Cooker Pick Aug or leave on tree and eat when black  
 83. Greening apple Golden Eater/Cooker Pick mid-Aug  
 84. Plum Victoria Eater Pick Aug/Sept  
 85. Apple Winter Gem Eater Pick Oct use until March  
 86. Apple Laxton Super Eater Pick Sept/Oct use until Feb  
 87. Diamond Favourite Cooker Pick Sept  
 88. Apple Laxton's Super Eater Pick Sept/Oct use until Feb  
 89. Plum Victoria Eater Ripe Aug/Sept  
 90. Apple Maudslayi Nurseries Eater/Cooker Pick Sept use until Dec  
 91. Greening apple Golden Eater/Cooker Pick mid-Aug

**BAREFOOT ORCHARD**

See detailed map of Barefoot Orchard website for tree identification by numbers

**Freeman Orchard**

1. Apricot Early Maerpenk Eater Pick late July  
 2. Apricot Early Maerpenk Eater Pick late July  
 3. Cherry Sonia Eater Pick late July  
 4. Crab Apple Kestrel Prairie Cooker Pick Oct/Nov good for cooking and wildlife  
 5. Pear Concorde Eater Pick Sept  
 6. Pear Doyenne du Comice Eater/Cooker Pick Oct  
 7. Cherry Early Rivers Eater Pick early/mid June  
 8. Cherry Early Rivers Eater Pick early/mid June  
 9. Cherry Stella Eater Pick late July  
 10. Plum Victoria Eater Ripe Aug/Sept  
 11. Cherry Merton Bismarck Eater Pick mid July  
 12. Cherry Early Rivers Eater Pick early/mid June

The white boxes have information about tree types, variety and guidelines on the best time to harvest. Harvest time can vary from year to year. Using touch, colour, taste and smell can help you decide if the fruit is ready to pick. It is often tempting to pick too early! Most fruit comes off the tree into your hand easily when ripe although pears ripen off the tree. Most varieties of pear and apple can be juiced. Note that some fruits have to be eaten quickly e.g. mulberry, and others store well in cool conditions. More on harvesting at [www.fruitroutes.loughborough.wordpress.com](http://www.fruitroutes.loughborough.wordpress.com)

- Key**
- Fruit Route
  - Buildings
  - Roads or car park
  - Fruit Routes planted trees
  - University boundary