

**A HEDGES + TREES SPECIES (Any soil)**

1. Ivy (*hedera helix*) - climber
  2. Wild cherry (*prunus avium*) - tree
  3. Dog rose (*rosa canina*) - shrub
  4. Red campion (*silene dioecia*) - herbaceous perennial
  5. Wayfaring (*viburnum lantana*) - tree
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6. Field maple (*acer campestre*) - tree/shrub
  7. Hawthorn (*crataegus monogyna*) - shrub
  8. Common ash (*fraxinus excelsior*) - tree
  9. Holly (*ilex aquifolium*) - tree
  10. Blackthorn (*prunus spinosa*) - shrub
  11. Sugar maple (*acer saccharum*) - tree \*
  12. Apple (*malus spp.*) - tree \*
  13. Common lime (*tilia x europaea*) - tree \*

**B BEDS + BORDERS SPECIES (Any soil)**

1. Ivy (*hedera helix*) - climber
  2. Wild cherry (*prunus avium*) - tree
  3. Dog rose (*rosa canina*) - shrub
  4. Red campion (*silene dioecia*) - herbaceous perennial
  5. Wayfaring (*viburnum lantana*) - tree
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14. Forget-me-not
  16. Soapwort
  17. Clover
  18. Honesty \*
  19. Michaelmas daisies \*

**C 'AQUATIC' SPECIES (Moist soil)**

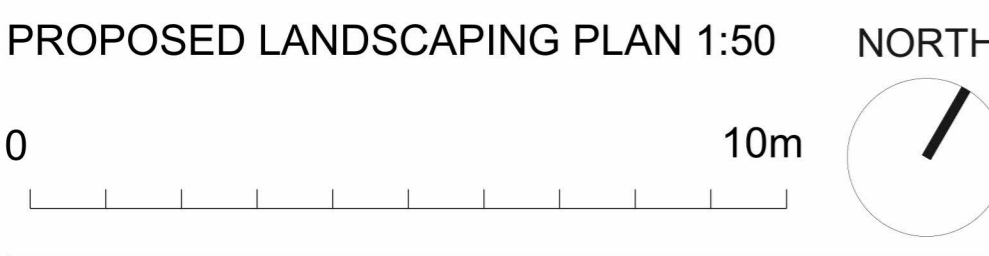
20. Cuckoo-flower (*cardamine pratensis*) - herbaceous perennial
21. Hemp agrimony (*eupatorium cannabinum*) - herb
22. Valerian (*valeriana spp.*) - herbaceous perennial
23. Guelder rose (*viburnum opulus*) - shrub
24. Willow (*salix spp.*) - shrub
25. Primrose (*primula vulgaris*) - herbaceous perennial

\* Non-native species.  
*Planting list obtained from Bat Conservation Trust's 'Landscape and urban design for bats and biodiversity' Appendix.*

- ENCOURAGING FORAGING:**
- Mixtures of flowering and fruiting trees and shrubs to encourage insect biodiversity.
  - Retaining areas of unmanaged wood with dense understorey.
  - Open areas to have a presence of flower rich meadows, scrub and groups of trees.
  - Create a freshwater source (pond).
  - Encourage climbing plants and creepers where possible.

- ENCOURAGING ROOSTING:**
- Retain mature and veteran trees wherever possible.
  - Mark trees which exhibit high levels of roosting (cracks, crevices, and holes).
  - Maintain buffer zones of trees and understorey around roost trees at least 1.5 times the canopy diameter of roost tree.
  - Deliberate measures for roosting provision, e.g. bat boxes and houses.

- ENCOURAGING COMMUTING:**
- Known bat commuting routes to be retained.
  - Improve commuting through avenues of trees and hedgerows to connect fragmented habitats.
  - Avoid creating gaps where possible.
  - Prioritise tall, wide and continuous hedgerows with vegetation around the base - three dimensional structure of garden.
  - Provide un-lit linear / linking zones.
  - Reduce the amount of permeable surfaces where possible, include planters, soften walls / fencing / railings with planting.



**PLANNING**  
 All dimensions in mm

Drawing number: PB23 - 103  
 Revision: Date: 27.03.2024  
 Scale: 1:50 @ A1

Drawing name: PROPOSED LANDSCAPING PLAN  
 Client: Jenny Hall & Mehdi El-Radhi  
 Project: Plas Bach, Aberystwyth Road,  
 Machynlleth, SY20 8EU

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