

Alveston Parish Biodiversity Action Plan



Introduction

Biodiversity is the whole variety of life on Earth, all species of plants and animals, their genetic variation and the habitats and ecosystems they are part of. It includes not just the rare or the threatened but also the wildlife that is familiar to us in the places where we live and work. Biodiversity is important for its own sake, along with the many benefits we derive from the natural environment – products like food, fibre, wood, and water; services like pollination, nutrient cycling, soil formation, water purification, flood defence and opportunities for reflection and recreation – all are critical for our wellbeing and survival.

All public authorities, including South Gloucestershire Council, parish and town councils have a legal duty to have regard to conserving biodiversity while carrying out their activities (section 40 Natural Environment and Rural Communities (NERC) Act 2006).

Biodiversity Audit

A major step to knowing what you can do for local wildlife is to know what you have already got. This document will help you with this but it is just a start. Ultimately the protection and enhancement of the local natural environment requires the interest and enthusiasm of the local community.

Designated sites for nature conservation

Internationally important wildlife sites (i.e Ramsar sites (Wetlands of International Importance), Special Areas of Conservation (SAC), Special Protected Areas (SPAs)): None

Nationally important wildlife sites (i.e Site of Special Scientific Interest (SSSI), Local Nature Reserve): None

Locally important wildlife sites (i.e Site of Nature Conservation Interest (SNCI) :

- Hazel Wood/ Hartygrove Brake - ancient woodland (private ownership)
- Very eastern tip of Lower Hazel Down - calcareous grassland and ancient woodland (private ownership)

Please see map and/or contact Bristol Regional Environmental Records Centre (BRERC) <http://www.brerc.org.uk/index.htm> for further information.





Alveston - Designated Sites

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Other sites

Other sites that could be enhanced for biodiversity include road verges, churchyards and schools grounds.





Habitats of Principle Importance (Section 41 NERC Act 2006) - the most important habitats for wildlife and a focus for conservation action

The following priority habitats have been recorded in the parish. Please see priority habitat map for further information. Please note that not all priority habitat has been mapped.

- Lowland Mixed Deciduous Woodland
- Lowland Calcareous Grassland

Alveston - Priority Habitats

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Species of Principle Importance (Section 41 NERC Act 2006) – the most important species for the purpose of conserving biodiversity.

The following priority species have been recorded in the parish. This list was compiled by BRERC (2016). European protected species are not included.

Blood-vein	Dusky Thorn	Linnet	Song Thrush
Brown Hare	Grass Snake	Shepherd's-needle	Spotted Flycatcher
Buff Ermine	Grey Partridge	Shoulder-striped Wainscot	Starling
Bullfinch	Hedgehog	Skylark	Water Vole
Cinnabar	Herring Gull	Slow-worm	White Ermine
Common Toad	House Sparrow	Small Emerald	Yellowhammer
Curlew	Lapwing	Small Heath	
Duncock	Large Nutmeg	Small Square-spot	

Further information on sites, habitats and species <http://www.brerc.org.uk/i-maps/index.html> are available from BRERC. National priority habitat inventories and designations are also available to view online at MAGIC <http://www.magic.gov.uk/>

Biodiversity Action

How local conservation projects can contribute... taken from DEFRA's, A simple guide to Biodiversity 2020 and progress update (July 2013).

Biodiversity 2020 deliberately avoids setting specific targets and actions for local areas because Government believes that local people and organisations are best placed to decide how to implement the strategy in the most appropriate way for their area or situation. However, local projects are particularly likely to be making a key contribution to the strategy if they involve:

1. Improving the quality of existing habitats so they are able to better support biodiversity;
 - Survey work on the above sites and habitats (with landowner permission) could be commissioned from a knowledgeable resident, student, local conservation group or professional with management recommendations included for future action if necessary.





2. Creating new areas of priority habitat;

- Should include species rich wildflower grassland, deciduous woodland and traditional orchards.

3. Identifying and managing ways for habitats to be linked together to create new networks for wildlife;

- Use the ecological network/opportunity maps to identify areas for enhancement.
- Investigate possible links such as gapping up a key hedgerow between woods.

4. Managing biodiversity at the scale of whole natural systems and landscapes;

- Consider linking to local and national projects such as the B-Lines project which has a specific aspiration for a wildflower route through your parish.

5. Engaging people in new ways that increases the number of people who understand and value nature;

- Consider putting on events / recording/ volunteering opportunities.
- Identify a parish wildlife champion.
- Feature the parish biodiversity in a community event or primary school project.

This Biodiversity Action Plan (BAP) is just the beginning and should be read in conjunction with the updated **South Gloucestershire Biodiversity Action Plan** (2016 - 2026) which provides the strategic overview. It is by no means exhaustive and as a community, you may have more ideas for action that you would like to take forward in coming years. It is intended that this BAP is shared, updated and monitored by the local authority, by parishes, the Biodiversity Action Group (BAG) and any other interested parties.

