

# Emersons Green 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) :

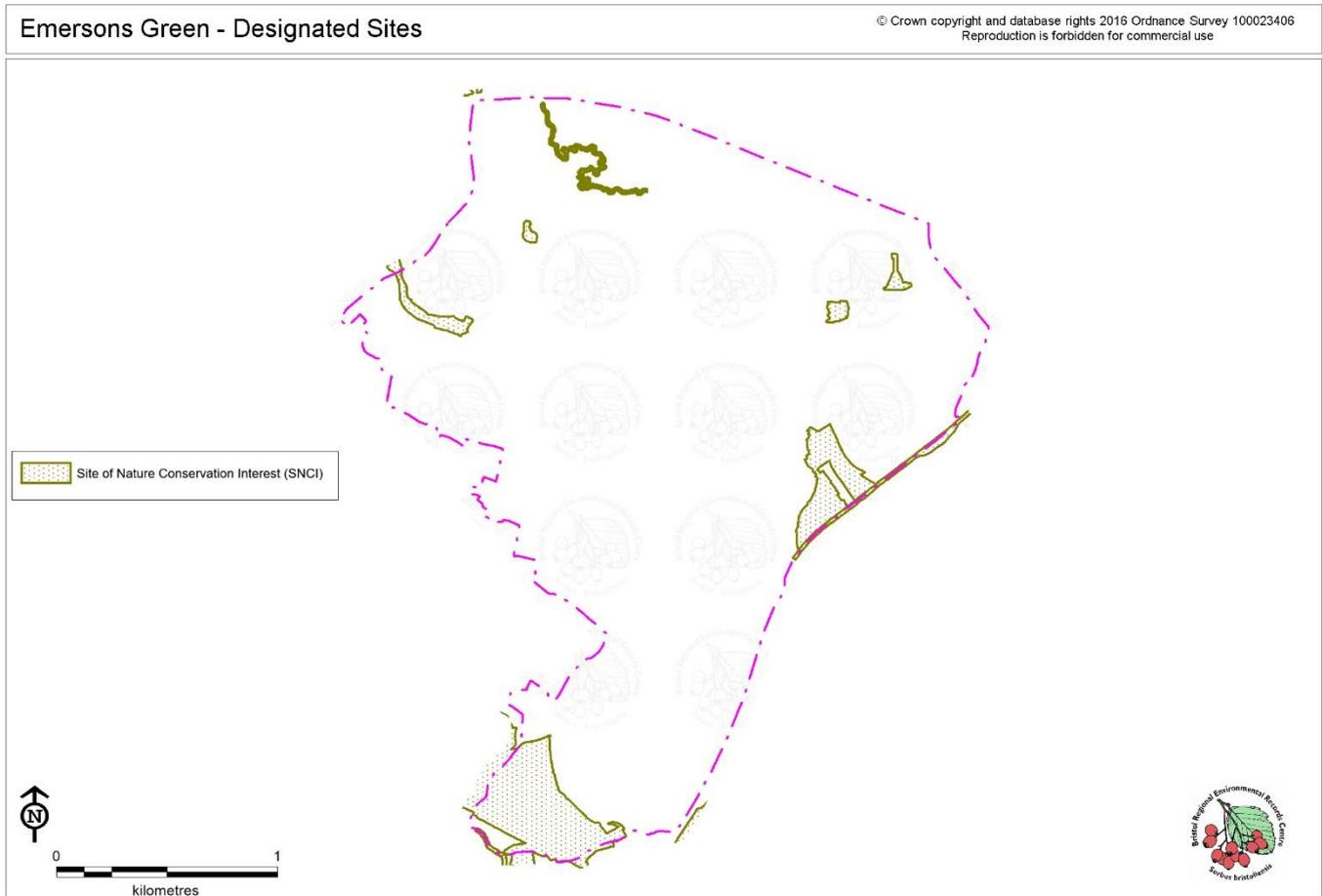
- Leap Woods - Broadleaf woodland (owned by South Gloucestershire Council )
- Blackhorse pond (by Blackhorse School) - open water (owned by South Gloucestershire Council)
- Rodway Common (sections of, including Charnhill and railway path) – neutral and calcareous grassland





- Part of the Cuckoo Lane road verge at Wick Wick, neutral grassland (owned by South Gloucestershire Council)
- South bank of Folly brook on Westerleigh boundary

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



### Other sites

Other sites that could be enhanced for biodiversity include; Pomphrey Hill, Dramway, school grounds, gardens, the old common, 'Dibden Lane' pond off Emersons Way and the ponds on Badminton Road.





### 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 Meadows
- Lowland Dry Acid Grassland

#### Emersons Green - 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	Dingy Skipper	Knot Grass (moth)	Shaded Broad-bar
Bullfinch	Dunnock	Lackey	Shrill Carder Bee
Chamomile	Grass Snake	Latticed Heath	Skylark
Cinnabar	Grey Partridge	Lesser Redpoll	Slow-worm
Common Lizard	Grizzled Skipper	Linnet	Small Heath
Common Toad	Hedgehog	Reed Bunting	Small Square-spot
Cuckoo	Herring Gull	Rosy Minor	Song Thrush
Curlew	House Sparrow	Rustic	Spotted Flycatcher
Starling	Tree Pipit	Turtle Dove	Wall
Water Vole	Yellowhammer		

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;

- Create species rich wildflower grassland through improvement on degraded grassland sites. Increase deciduous woodland through tree planting either groups or just increasing overall tree cover where possible – such as on South Gloucestershire Council amenity land.

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

- Use ecological network and opportunity maps to identify areas for enhancement.
- Investigate hedgerow links, the river corridor and cycle routes.

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

- Consider linking to local and national initiatives such as the Avon Wildlife Trust MyWildCity project (Emersons Green is in their East fringe section) and 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;

- Identify a possible parish wildlife champion. Conduct events / recording/ volunteering opportunities at library, schools, railway path, friends of Emersons Green park. The new Forest Garden in the park could also have learning opportunities.

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.

