



Biodiversity Action Plan

Toyota Manufacturing UK has implemented a Biodiversity Action Plan with the aim to identify priority habitats and species which we can then work to protect and enhance. As part of that plan we aim to:

- Carry out site habitat surveys and maintain records of biodiversity.
- Manage the site to promote and maintain biodiversity.
- Work in partnership with specialist organisations involved in biodiversity.
- Share the results of our biodiversity activities.
- Educate our staff and contractors in the importance of protecting and enhancing biodiversity.
- Engage the local community, conservation groups and employees in our biodiversity activities.

Toyota Lakes Wildlife Reserve



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BURNASTON SITE

BIODIVERSITY ACTION PLAN

TOYOTA

TOYOTA MOTOR
MANUFACTURING (UK) LTD



Working in partnership to
protect wildlife for the future

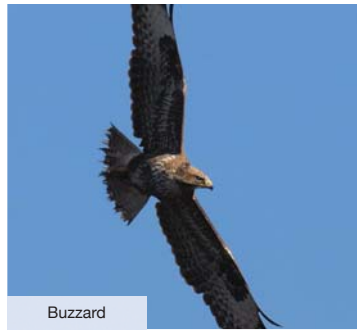
Derbyshire



Barn Owl



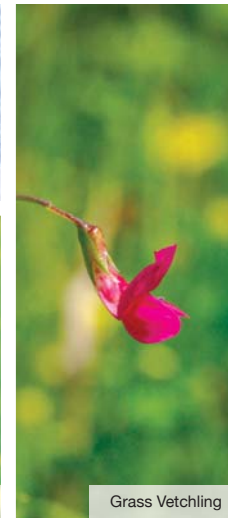
Peacock Butterfly



Buzzard



Gadwall



Common Darter



Bullfinch



Guelder Rose



Reed Beds



Burnet Moth



Bee Orchid

The Burnaston site

The Toyota Manufacturing UK vehicle manufacturing plant at Burnaston produces Avensis and Auris vehicles, including the Auris hybrid, mainly for the European market. The site was built in 1992 and is situated nine miles west of Derby near the village of Burnaston. In 2007 Toyota Manufacturing UK was nominated as one of five plants in global Toyota to become model Sustainable Plants focusing on environmental preservation activities and the production of environmentally friendly vehicles.

The site sits within the Trent Valley, a landscape formerly rich in wetland habitats and a major migratory route for birds in England. The Trent Valley Initiative aims to create a rich diversity of linked wetland habitats along the Trent from Stoke to the Humber Estuary. The site balancing lakes are part of the Trent Valley Initiative.

Partnership

Since 2004 Toyota Manufacturing UK has been working in partnership with Derbyshire Wildlife Trust to protect and where possible enhance the ecological value of the site with particular reference to the habitats and species identified as priorities. Ecologists from the Trust have conducted a series of surveys including:

- Habitats survey
- Pond survey
- Amphibian survey
- Breeding bird survey

In 2009 a Management Advisory Group was established, comprising staff from Toyota, Derbyshire Wildlife Trust and our Grounds Maintenance Contractor, with the aim of implementing the Biodiversity Action Plan to preserve and enhance the habitats on the site.

Conservation at Burnaston

Current initiatives include:

- Nature trail
- Wetland habitat management
- Wildflower grassland management
- Woodland management
- Bird nesting boxes including Barn Owl, and Bee and insect boxes.
- Employee nature tours

BAP habitats at Burnaston

There are five UK BAP priority habitats at the Burnaston site:

- Reedbeds
- Ponds
- Lowland meadows
- Lowland mixed deciduous woodland
- Hedgerows

BAP species at Burnaston

Several species present on site are UK Biodiversity Action Plan priority species or species of conservation concern in Derbyshire.

Vascular plants

Many plants and flowers inhabit the site including four species of conservation importance in Derbyshire – Grass Vetchling, Blunt Fruited Water Starwort, Bristly Ox Tongue and Pepper Saxifrage. Orchids include the common Orchid, Southern Marsh Orchid and Bee Orchid.

Insects

Dragonfly species seen on the site includes the Emperor Dragonfly, common Darter Dragonfly and Four Spotted Chaser

Dragonfly. Several species of damselfly can be found including the red large damselfly and Azure damselfly.

Butterfly species include Skippers, Common Blue, Peacock, Red Admiral, Small Copper and Orange Tip. Moths include the locally rare daytime flying moth Burnet Companion. In addition to the common Field and Green Grasshoppers, the locally rare slender Ground Hopper inhabits the site.

There are a good number of aquatic beetles on site including the Screech Beetle and the locally rare Diving Beetle, Noterus Crassicornis.

Birds

The bird species include five classed as rapidly declining breeding species – Reed Bunting, Lesser Redpoll, Starling, Song Thrush and Bullfinch. Other birds seen on site include Barn Owl, Little Owl, Tawny Owl, Kestrel, Sparrowhawk, Peregrine Falcon, Hobby, Buzzard, Green Woodpecker, Kingfisher, Reed Warbler, Mallard, Little Grebe, Tufted duck, Pochard, Gadwall, Willow Warbler, Sedge Warbler, Longtailed tit, Goldcrest and Blackcap.

Amphibians

Amphibians present include the smooth Newt and common Frog.

Mammals

Badgers, Foxes, common Shrew, field Voles all inhabit the site.

Picture credit:

Barn owl – Darin Smith

Gadwall – Trevor Taylor

Bullfinch – Damian Waters