



Warwickshire



Living Landscapes

**A Vision to Restore, reconnect, recreate
Landscapes for wildlife and people**

Gina Rowe

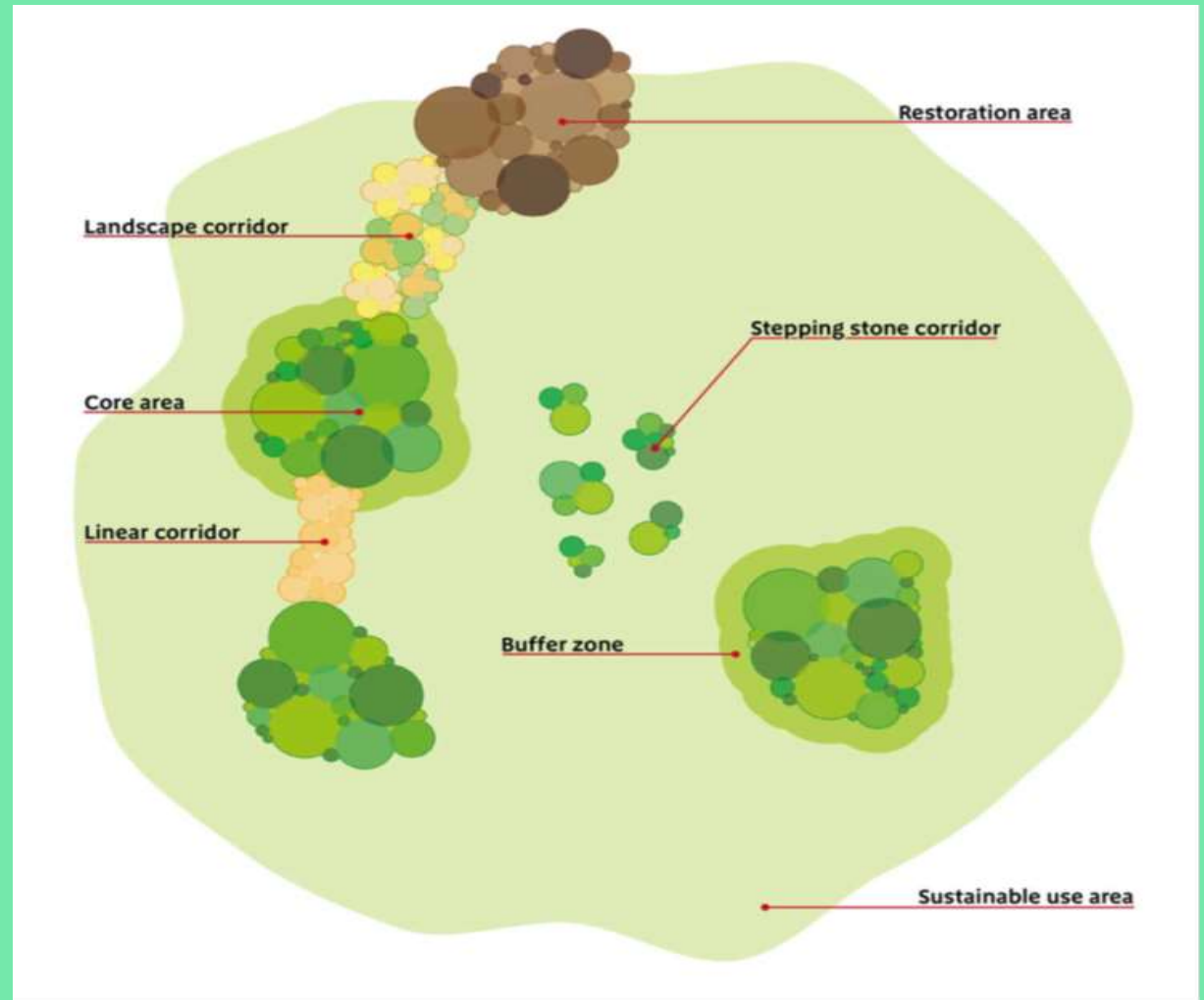
National reports

‘Making Space for Nature’

Lawton report
2010

Natural
England:
Biodiversity
2020 strategy

‘More, bigger,
better and
joined-up’



Nature Reserves – Core Areas for wildlife



Skills and training



“I now have the skills, knowledge and qualifications necessary to pursue a career in reserve management.”

Community Engagement – Loving their area

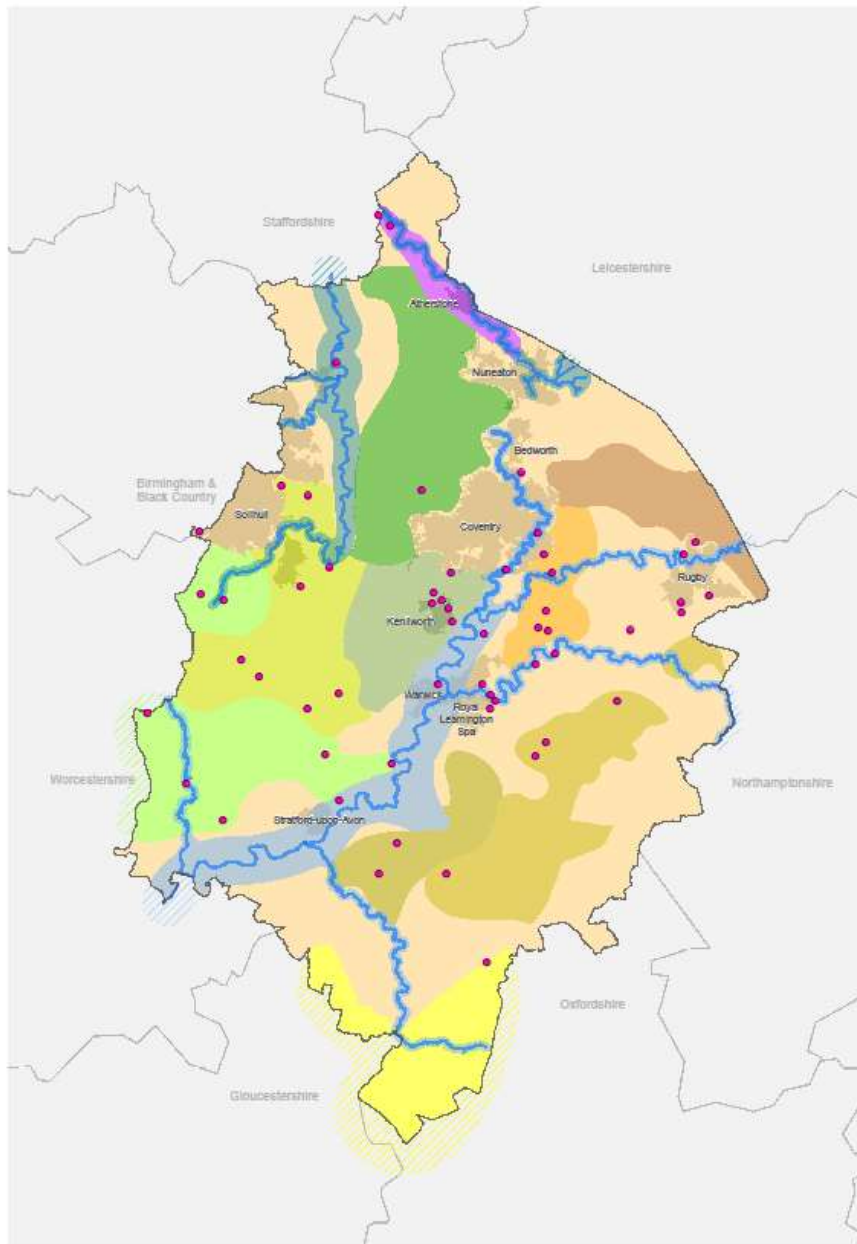


Living Landscape areas in Warwickshire, Coventry and Solihull

Mapping based on
habitat data from HBA

12 areas identified by 2009

Priorities: Tame Valley,
Princethorpe Woodlands,
West Arden, Avon Valley



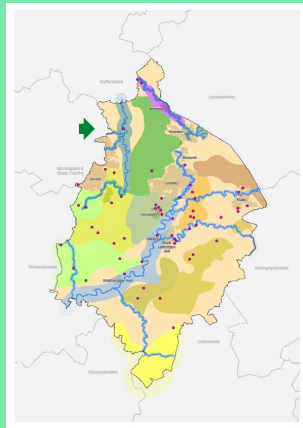
Living Landscapes

2 landscape areas active, funding and delivery:

➤ **Tame Valley Wetlands**



➤ **Princethorpe Woodlands**



Resources from Heritage Lottery Fund,
Charitable Trusts, individual donations, Landfill
funds

2 areas in development, with
project delivery and partnerships

➤ **Living Avon:** Coventry Brooks, Sowe and Sherbourne, Water Vole Recovery project

➤ **West Arden:** Earlswood and River Blythe



Warwickshire

Tame Valley Wetlands Landscape Partnership

Strong partnership since 2005

19 active partners 8 Board members



Supported by

The National Lottery®
through the Heritage Lottery Fund



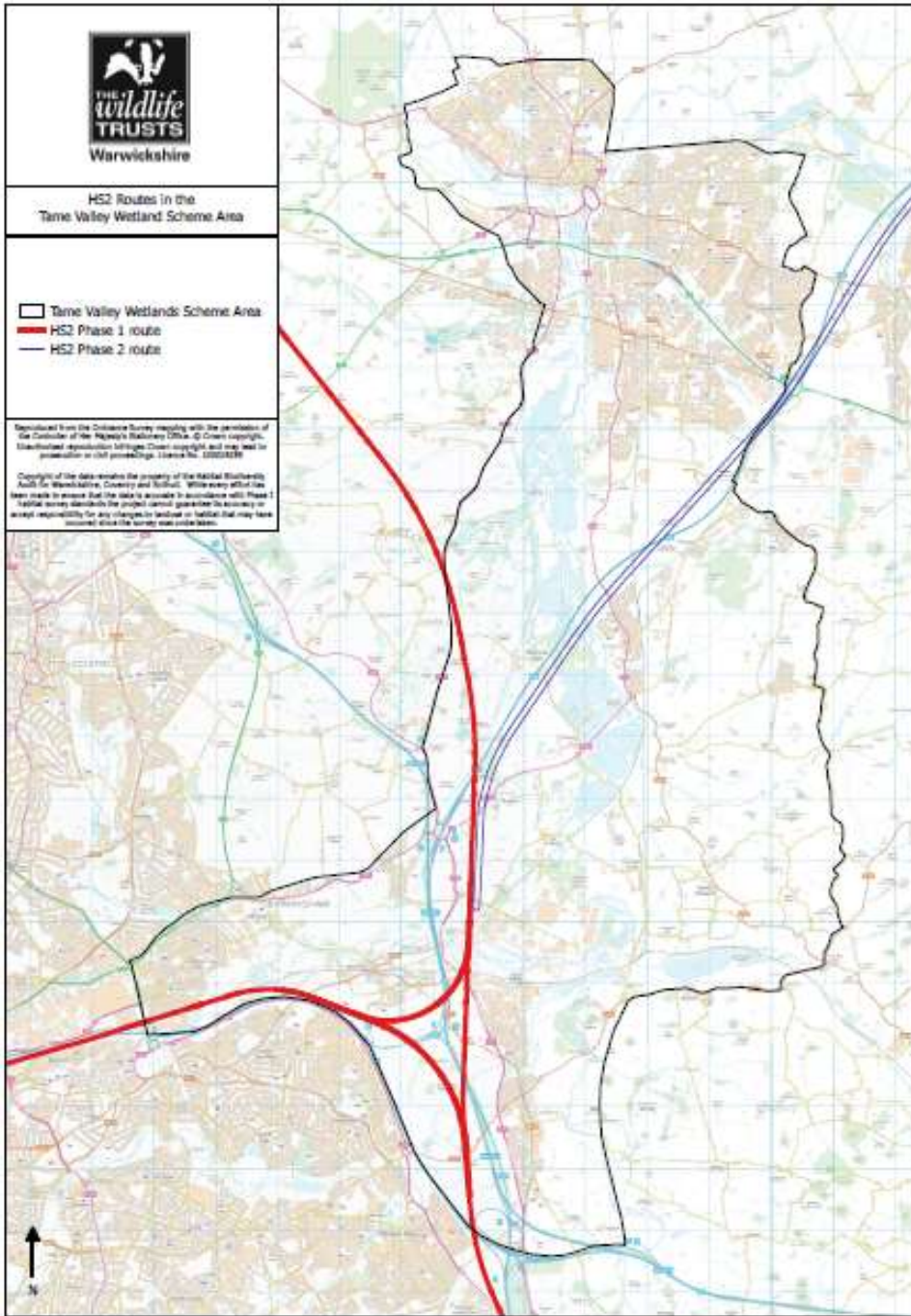


HS2 Routes in the
Tame Valley Wetland Scheme Area

□ Tame Valley Wetlands Scheme Area
— HS2 Phase 1 route
— HS2 Phase 2 route

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Autos for Warwickshire, Coventry and Solihull. While every effort has
been made to ensure that the data is accurate in accordance with Phase 1
capital survey standards the project cannot guarantee its accuracy or
accept responsibility for any changes in land use or habitat that may have
occurred since the survey was undertaken.



Tame Valley Wetlands Landscape Partnership scheme

**Landscape area = 104 km²
(10,350 ha)** covering Castle Vale,
Coleshill, Kingsbury & Tamworth

£1,709,001

HLF funding

+ £487,799

cash match

+ £131,700

in-kind support

+ £191,300

volunteer time

**= £2,519,800 scheme
(2014 to 2018)**

The Vision ...

To create a wetland landscape, rich in wildlife and accessible to all - restoring, conserving and reconnecting the landscape of the Tame Valley.

Re-engaging local communities with the landscape and its rich heritage, **nurturing a sense of ownership**, understanding and pride and ensuring a **lasting legacy of restoration and conservation**.



Supported by
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through the Heritage Lottery Fund



The Partnership



Tame Valley Wetlands
Landscape Partnership



Canal &
River Trust



North Warwickshire
Borough Council



Living Landscapes for Wildlife and People

520m of River re-naturalised, improved habitat

Wilding the Tame, Kingsbury Water
Park



Reedbed established on Hemlingford Water, 1800 reeds planted over 300 metres

Target species Snipe now present in new reedbed.

Created 200m length of backwater channel, new island and water vole habitat

6ha area of LBAP target **wetland created**: reedbed, scrapes, pools



Sand martin nesting bank created

Volunteer projects:

- Himalayan Balsam control: 5 sites
22 volunteers
- Woodland management on 8 sites
127 volunteers
- Corporate groups

Training – Habitats, surveys



Taster events:

- ❖ 9 sessions run
- 64 people
- ❖ 65 students surveyed 23 areas at Kingsbury Water Park

Total 140 m hedge laid by 31 volunteers Jan/Feb 16, exceeding target.

“ I enjoyed the bat and moth surveys the most”

15 Young people involved in 2 day practical conservation and survey volunteering, at our base at Hams Hall Environmental Centre.

www.warwickshire





Next steps and reaching people

➤ Developing the legacy

Submissions to HS2 Ltd. and Highways England, re future landscape-scale projects and funding
Habitat opportunity mapping workshops with partnership Environment Agency for skills training centre at Lea Marston
Visioning work for future

➤ Social media reaching people

Facebook reaching 16,979 Twitter account 606 followers

➤ Bringing People In

999 people attended events, working groups and taster days in July – Dec

114 volunteers involved to date
27,578 people engaged overall



Local groups receive over £7,000 from Tame Valley Wetlands community grant | Tame Valley Wetlands

The Tame Valley Wetlands have awarded grants to...
TAMEVALLEYWETLANDS.CO.UK

6 local groups received grants £7,100 to support habitats and access
www.warwickshirewildlifetrust.org.uk

Education – Investing in the future



Princethorpe Woodlands Living Landscape

50 year vision for the area:

"An ancient wooded landscape connected by a network of hedgerows, rich in wildlife and accessible to all".

Partnership development work and links with landowners since 2004

Active work with 20 landowners

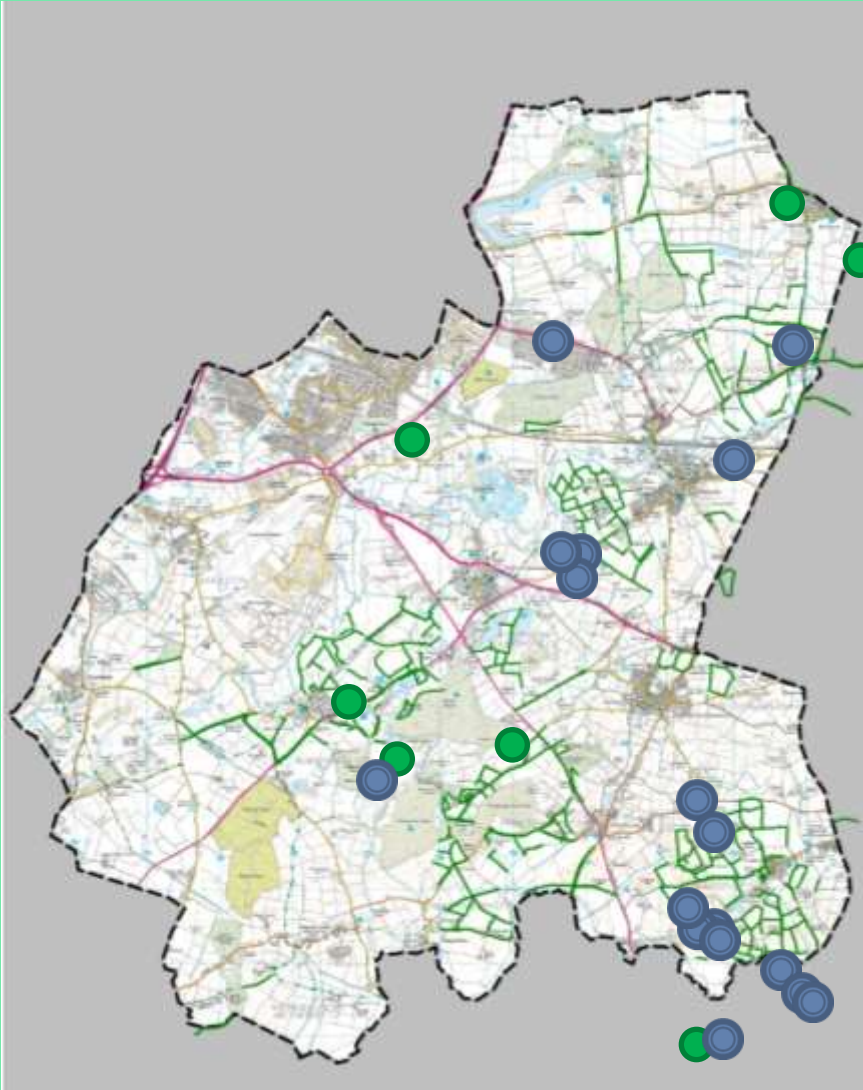


The **LIVING LANDSCAPES** Vision of the Wildlife Trusts to increase the coverage, quality, connectivity and appreciation of biodiversity and habitats.

Princethorpe Woodlands area has the greatest concentration of ancient woodland in the County.



Hedgerow restoration



Total 5.9km

● 2012/13: 1.2 km

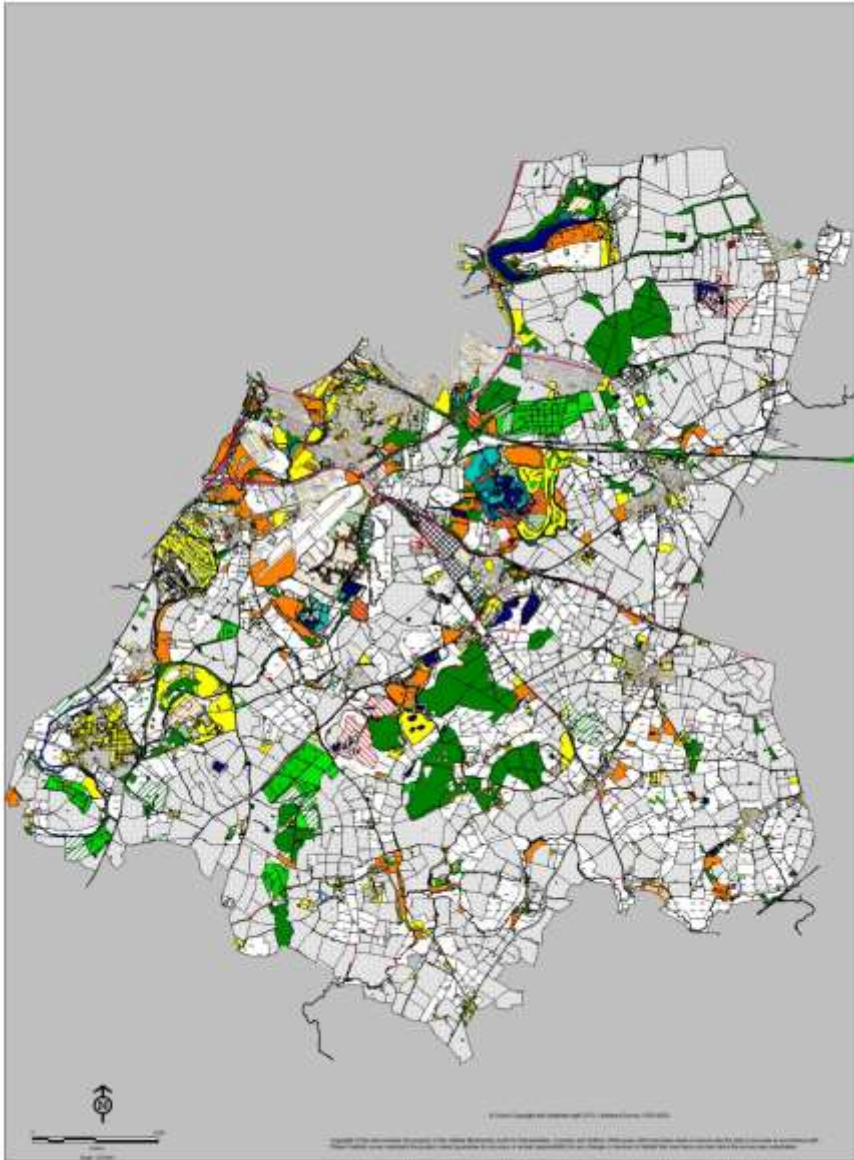
● 2013/14: 4.9 km





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PRINCETHORPE LIVING LANDSCAPES PROJECT AREA : PHASE 1 HABITATS










Warwickshire

Princethorpe
Woodlands Phase
1 habitat mapping
by HBA

used to plan
projects and target
areas

Hedgerow structure

Dominant woody species:
Notes on hedgerow structure/management/age (please circle appropriate cross-section)
<div style="display: flex; justify-content: space-around; align-items: flex-end;"><div style="text-align: center;"> A</div><div style="text-align: center;"> B</div><div style="text-align: center;"> C</div><div style="text-align: center;"> D</div><div style="text-align: center;"> E</div><div style="text-align: center;"> F</div><div style="text-align: center;"> G</div></div> <p style="text-align: center;">(cross sections) (facing views)</p>



Phase 1 hedgerow types surveyed

Princethorpe Woodlands Hedgerow Survey Form (Phase 1)

Surveyor(s)		Date			
Tetrad		Hedgerow no.			
Phase 1 category		Bank/ditch fence	B	D	F
Average height (m)		Average width (m)			
Percentage gaps		No. of trees			

Phase 1 categories: A – species-poor hedgerow (<5 spp), B – species-rich hedgerow (5+ spp), C – hedge with trees, D – line of trees, E – linear scrub, F – defunct (gappy) hedge

Species with an asterisk * are ancient hedge indicators



Hedgerow restoration



Hedgelaying training for volunteers



Princethorpe Woodlands Living Landscape 2012 - 2015



Woodland restoration and creation

Ride restoration: 600m

Coppicing with standards: 13.4 ha of restoration & maintenance

Woodland planting: 2 sites totalling 1.2 ha



2 Woodland management plans

Hedgerow restoration and creation

Surveys: 90 km

Restoration: 6.2 km



Surveying

Surveying woodland condition: 3 woods

Bats (Ian Tanner): 10 bat boxes for monitoring

Butterflies (Mike Slater): Continuing monitoring

Breeding Birds (Mike Doughty): 3 seasons of surveys

Dormice (Ruth Moffatt): 200+ nest tubes, 4 woods



www.warwickshirewildlifetrust.org.uk

Volunteer action and training



2015 – Woodland Open day at Ryton Wood SSSI



**Woodland Winter Fayre:
Saturday 21st
February
Charcoal and Green
Wood working sessions
for landowners**

Coppicing

Timber extraction

450+ people

Hog roast !



Princethorpe Woodlands Living Landscape



2016

Working with landowners and partners:

- Continuing woodland and hedgerow surveying and restoration
- Heritage Lottery Fund bid August 2016 for £1.1 M 4 year delivery phase
- Delivery of WCAVA Landfill project funding

Partners:

Coventry City Council
Coombe Abbey Country Park
Butterfly Conservation
Friends of Brandon Wood
Forestry Commission
Local landowners
Natural England
Peoples' Trust for Endangered Species

The Warwickshire Dormouse
Conservation Group
Warwickshire County Council
Warwickshire Wildlife Trust
Hanson Aggregates
Smiths Concrete
Woodland Trust



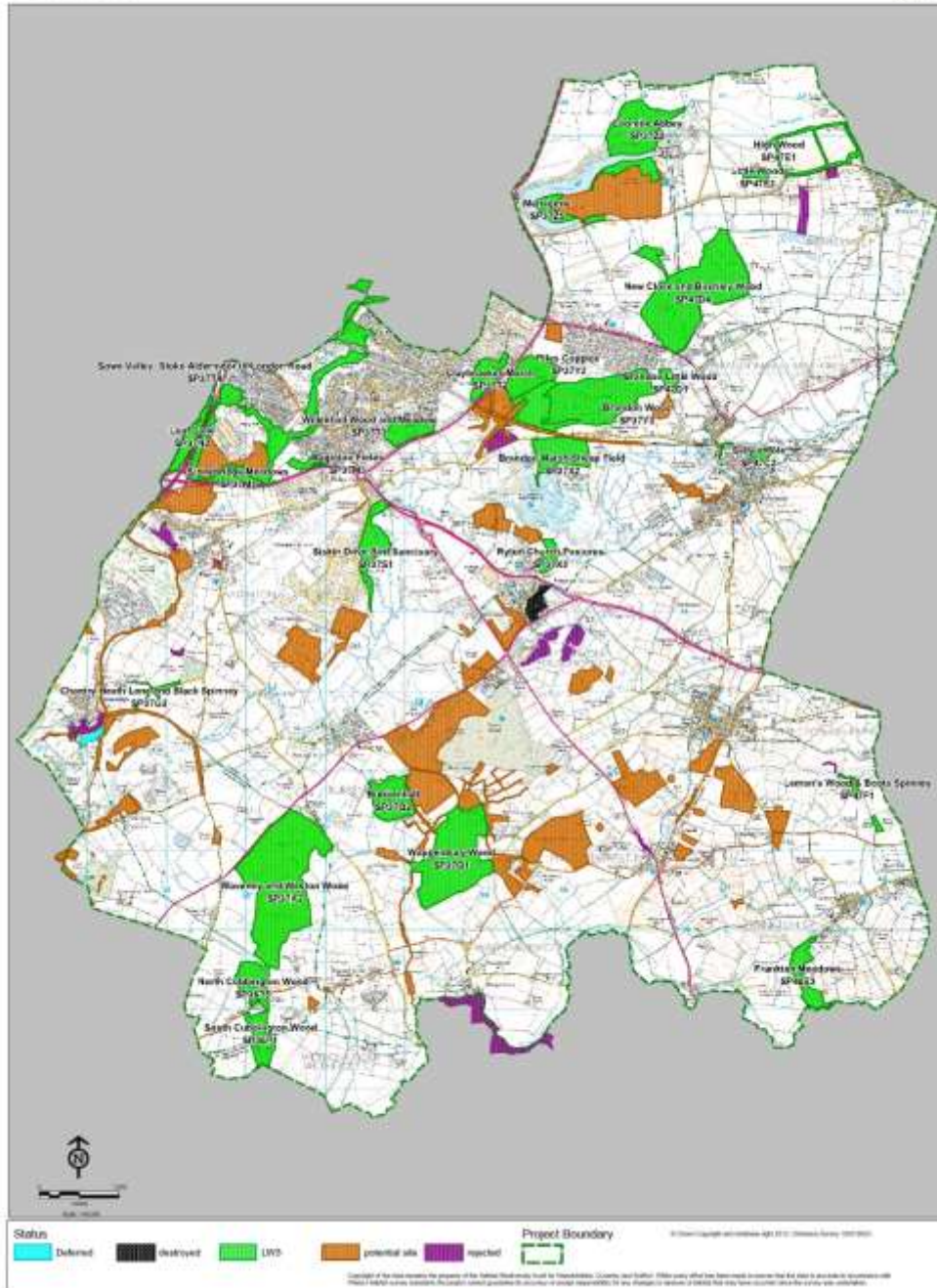
Veteran Trees – survey and seed collection

New project
for delivery
phase



Veteran hedge-oak

An astonishingly old oak in a hedge. As a rule of thumb, note any hedge oaks with girths of over 4.5 metres as these will tend to be 250 years or older and pre-date the planting of Enclosure Act hedges. This one has a girth of over 9 metres and is probably approaching 1000 years in age, especially as its growth form means it will be expanding very slowly.



Local Wildlife Site mapping by HBA team

Connectivity Mapping by HBA

Princethorpe LL Habitat Connectivity

Legend

Boundary

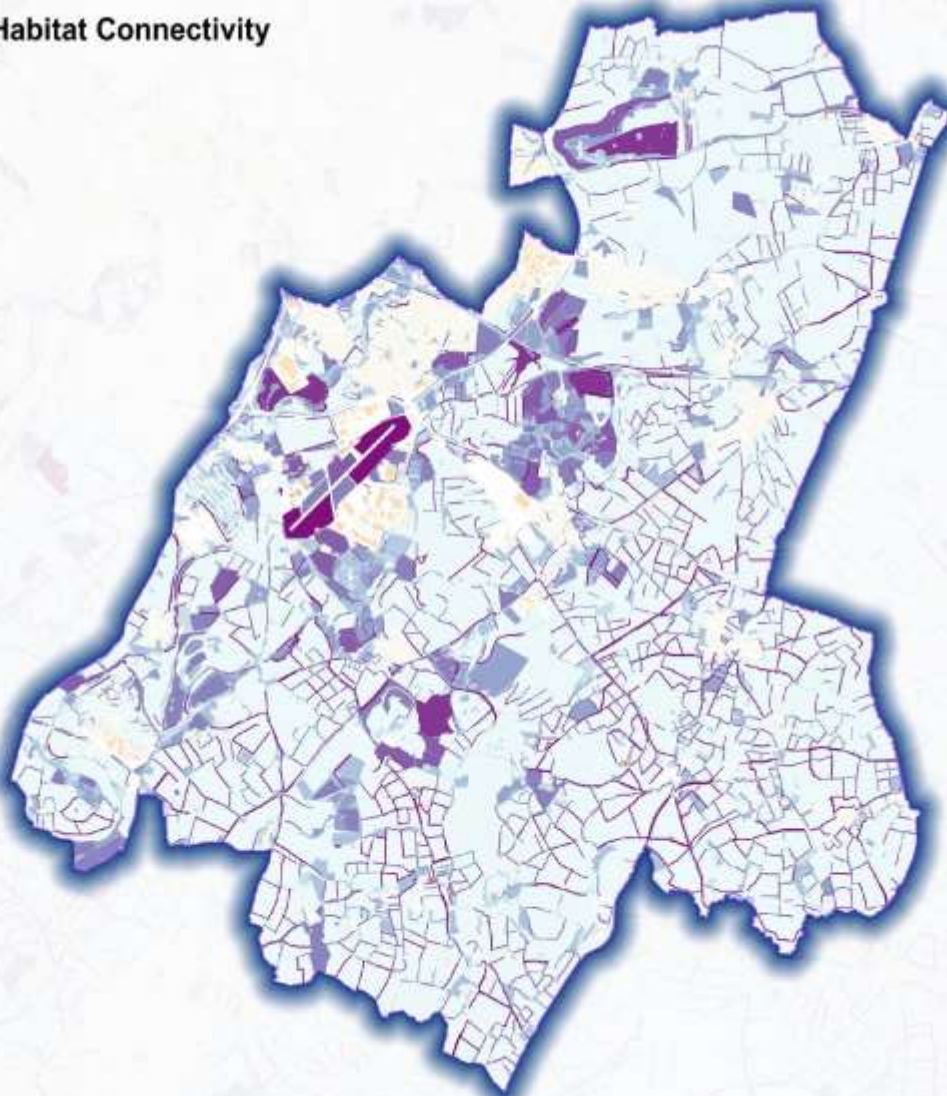
Linear feature score

— High
— Medium - High
— Medium
— Low - Medium
— Low

Area feature score

■ Very High
■ High
■ Medium - High
■ Medium
■ Low - Medium
■ Low
■ Very Low
■ None

0 1 2 km



Catchment Partnerships

1) Tame Anker Mease catchment, Trent Basin.

Lead host: Severn Trent Water

Partners: WWT, BBCWT,

Trent Rivers Trust, EA



2) Warwickshire Avon

Co hosts: WWT, Severn Rivers Trust

Partners EA, Worcs. WT, STW, NFU

Consultation for Avon catchment

Delivered Catchment Restoration Fund projects

River Basin Management Plan consultation response

Ecosystem services valuation

**Valuation report of grasslands and woodlands
completed with funding from Natural England**

Working to add Wetlands valuation

**Use to show economic value of Natural Capital
Working with Natural England on Upper Blythe
Catchment assessment**

HBA data used continuously in mapping
landscape scale work

For assessment work to demonstrate value of
ecosystems

To show landowners, parishes, groups their
local habitats

To inform responses to planning and
development

Strategic use

Local Nature Partnership use of report and data to inform priorities

Development of locally designated Nature Improvement Areas

Input to Defra 25 year plan

Review of Warwickshire Wildlife Trust 5 year strategic plan





Warwickshire

Thank You

Any questions ?