

# Harrocks Wood

# Management Plan 2012-2017

## MANAGEMENT PLAN - CONTENTS PAGE

# ITEM

Page No.

Introduction

Plan review and updating

## Woodland Management Approach

Summary

- 1.0 Site details
- 2.0 Site description
  - 2.1 Summary Description
  - 2.2 Extended Description
- 3.0 Public access information
  - 3.1 Getting there
  - 3.2 Access / Walks
- 4.0 Long term policy
- 5.0 Key Features
  - 5.1 Informal Public Access
  - 5.2 Ancient Woodland Site
- 6.0 Work Programme

Appendix 1: Compartment descriptions Glossary

# MAPS

Access Conservation Features Management

# THE WOODLAND TRUST

## INTRODUCTION

The Trust's corporate aims and management approach guide the management of all the Trust's properties, and are described on Page 4. These determine basic management policies and methods, which apply to all sites unless specifically stated otherwise. Such policies include free public access; keeping local people informed of major proposed work; the retention of old trees and dead wood; and a desire for management to be as unobtrusive as possible. The Trust also has available Policy Statements covering a variety of woodland management issues.

The Trust's management plans are based on the identification of Key Features for the site and setting objectives for their management. A monitoring programme (not included in this plan) ensures that these objectives are met and any necessary management works are carried out.

Any legally confidential or sensitive species information about this site is not included in this version of the plan.

## PLAN REVIEW AND UPDATING

The information presented in this Management plan is held in a database which is continuously being amended and updated on our website. Consequently this printed version may quickly become out of date, particularly in relation to the planned work programme and on-going monitoring observations. Please either consult The Woodland Trust website <u>www.woodlandtrust.org.uk</u> or contact the Woodland Trust (wopsmail@woodlandtrust.org.uk) to confirm details of the current management programme.

There is a formal review of this plan every 5 years and a summary of monitoring results can be obtained on request.

## WOODLAND MANAGEMENT APPROACH

The management of our woods is based on our charitable purposes, and is therefore focused on improving woodland biodiversity and increasing peoples' understanding and enjoyment of woodland. Our strategic aims are to:

- · Protect native woods, trees and their wildlife for the future
- · Work with others to create more native woodlands and places rich in trees
- Inspire everyone to enjoy and value woods and trees

All our sites have a management plan which is freely accessible via our website <u>www.woodlandtrust.org.uk</u>. Our woods are managed to the UK Woodland Assurance Standard (UKWAS) and are certified with the Forest Stewardship Council® (FSC®) under licence FSC-C009406 and through independent audit.

In addition to the guidelines below we have specific guidance and policies on issues of woodland management which we review and update from time to time.

We recognise that all woods are different and that the management of our sites should also reflect their local landscape and where appropriate support local projects and initiatives. Guidelines like these provide a necessary overarching framework to guide the management of our sites but such management also requires decisions based on local circumstances and our Site Manager's intimate knowledge of each site.

The following guidelines help to direct our woodland management:

- 1. Our woods are managed to maintain their intrinsic key features of value and to reflect those of the surrounding landscape. We intervene when there is evidence that it is necessary to maintain or improve biodiversity and to further the development of more resilient woods and landscapes.
- 2. We establish new native woodland using both natural regeneration and tree planting, but largely the latter, particularly when there are opportunities for involving people.
- 3. We provide free public access to woods for quiet, informal recreation and our woods are managed to make them accessible, welcoming and safe.
- The long term vision for our non-native plantations on ancient woodland sites is to restore them to predominantly native species composition and semi-natural structure, a vision that equally applies to our secondary woods.
- 5. Existing semi-natural open-ground and freshwater habitats are restored and maintained wherever their management can be sustained and new open ground habitats created where appropriate.
- 6. The heritage and cultural value of sites is taken into account in our management and, in particular, our ancient trees are retained for as long as possible.
- 7. Woods can offer the potential to generate income both from the sustainable harvesting of wood products and the delivery of other services. We will therefore consider the potential to generate income from our estate to help support our aims.
- 8. We work with neighbours, local people, organisations and other stakeholders in developing the management of our woods. We recognise the benefits of local community woodland ownership and management. Where appropriate we allow our woods to be used to support local woodland, conservation, education and access initiatives.
- 9. We use and offer the estate where appropriate, for the purpose of demonstration, evidence gathering and research associated with the conservation, recreational and sustainable management of woodlands. In particular we will develop and maintain a network of long-term monitoring sites across the estate.
- 10 Any activities we undertake will conform to sustainable forest management principles, be appropriate for the site and will be balanced with our primary objectives of enhancing the biodiversity and recreational value of our woods and the wider landscapes.

# SUMMARY

This public management plan briefly describes the site, specifically mentions information on public access, sets out the long term policy and lists the Key Features which drive management actions. The Key Features are specific to this site - their significance is outlined together with their long (50 year+) and short (5 year) term objectives. The short term objectives are complemented by a detailed Work Programme for the period of this management plan. Detailed compartment descriptions are listed in the appendices which include any major management constraints and designations. A short glossary of technical terms is at the end. The Key Features and general woodland condition of this site are subject to a formal monitoring programme which is maintained in a central database. A summary of monitoring results is available on request.

## **1.0 SITE DETAILS**

Site name:	Harrocks Wood
Location:	Rickmansworth, Watford
Grid reference:	TQ066978, OS 1:50,000 Sheet No. 166
Area:	42.70 hectares (105.51 acres)
Designations:	Ancient Semi Natural Woodland, Area of Landscape Value, County Wildlife Site (includes SNCI, SINC etc), Green Belt, Tree Preservation Order

# 2.0 SITE DESCRIPTION

## 2.1 Summary Description

Harrocks is linked via a series of footpaths to four other sites: Whipendell Wood (managed by the local authority), Merlin's Wood, Dell Wood and Newland's Spring (managed by the Trust). So you can enjoy five contrasting sites in just one visit.

## 2.2 Extended Description

The Harrocks Wood complex comprises four broadleaf woodlands; Harrocks, Merlins, Newlands Spring and Dells Wood, extending to some 44 hectares. They are linked with footpaths and are close neighbours of the Whippendell Woods Site of Special Scientific Interest (SSSI) which is owned and managed by Watford Borough Council. All together they comprise a large and wonderfully diverse area of public access woodland.

This surprisingly wooded area lies adjacent to the village of Chandler's Cross with Watford only 2 miles away and the M25 in earshot. It is served by two car parks and numerous public footpaths, making it a popular natural resource on the doorstep of a major urban centre.

Most of the wood is ancient containing species such as oak, ash and birch. The entire site is covered by a Tree Preservation Order (TPO) and classified as a Site of Nature Conservation Interest (SNCI) due to its historical and floral interest. The soils are typically well drained clay with flints over gravel; and scattered throughout parts of the wood are deep pits, which are the remains of gravel and flint excavations.

Both car parks are found on Rousebarn lane, which is in itself an interesting environment. The overhanging trees provide dark, damp conditions ideal for many woodland plants such as the Coralroot bittercress. The lane was designated a countryside heritage site by Hertfordshire County Council and the Herts & Middlesex Wildlife Trust because of its outstanding ecological value.

A rabbit fence has been erected on all the boundaries adjacent to arable fields to reduce the instances of crop damage. Numerous public and permissive footpaths cross the wood and management access is directly off Rousebarn Lane.

## 3.0 PUBLIC ACCESS INFORMATION

## 3.1 Getting there

Harrocks Wood lies a few miles west of Watford, just inside the M25 in a surprisingly wooded area. A public footpath cuts across one part of the site with kissing gate entrances into the wood directly off the highway and surrounding farmland. The site is gently undulating with a substantial network of well maintained paths. Ground conditions are normally good but can be seasonally wet and muddy in places.

Nearest car park: Wippendell Woods car park, owned by Watford Borough Council, on the opposite side of Rousebarn Lane, 20m away from the wood. Newlands Spring car park, managed by Three Rivers District Council is directly adjacent to the wood. NB. There is no through route along Rousebarn Lane from Watford to Chandler's Cross but a car park can be accessed from either end.

Nearest toilet: There are public toilets in Cassiobury park about 2.5kms on foot from Harrocks Wood and also in the Town Hall underpass in Watford about 4kms through Whippendell woods and Cassiobury Park.

Nearest railway station: Watford Metropolitan Line Underground is only 3kms on foot by a pleasant walk through Cassiobury Park and Whippendell Woods. Watford main line station is 5kms away. One of the great things about these woods is how easy they are to get to on foot from public transport.

Nearest bus stop: Outside Clarenden Arms PH,- 150 m from NE entrance along country road without pavement but the buses are infrequent. Central Watford is easy to get to by bus and it is only 4-5kms away.

Information from National Rail and Traveline websites as at Feb 2012.

Further information about public transport is available from www.nationalrail.co.uk or www.traveline.org.uk or phone 0870 608 2 608.

3.2 Access / Walks

## 4.0 LONG TERM POLICY

The long-term intentions are to maintain and enhance this superb area of diverse woodland for the benefit of wildlife and visitors. The four ancient woodland sites that make up Harrocks Wood should remain as native broadleaf uneven-aged woodland with a varied stand structure and a diverse range of habitats. The natural decay and collapse of old trees in the wood will punch holes in the canopy, waking up young natural regeneration and coppice regrowth,- a totally sustainable and continuous management system.

While most of the non native conifers will gradually phase out through natural senescence and windblow, the remaining large specimens will only add to the natural aesthetics. Oak regeneration should be encouraged where possible; sycamore and coniferous regeneration and rhododendron should not be allowed to dominate the understorey.

The Heritage Roadside Verge along Rousebarn Lane will remain an attractive and ecologically important site, rich in flora and local character.

The Trust's corporate objective of increasing people's awareness and enjoyment of woodland will be achieved by continuing to provide and maintain appropriate access paths and facilities throughout the wood.

# 5.0 KEY FEATURES

The Key Features of the site are identified and described below. They encapsulate what is important about the site. The short and long-term objectives are stated and any management necessary to maintain and improve the Key Feature.

## 5.1 Informal Public Access

## Description

An extensive network of public and permissive footpaths weave around Harrocks Wood. The adjacent Whippendell Woods is also open to the public and combined they make an attractive destination for nature enthusiasts from the surrounding towns and villages. Through Harrocks Wood also runs an ancient path known as Finches Avenue and a circular walk of any length is possible in the woods. There are also good footpath links to Watford, especially the paths from Cassiobury which cross the West Herts Golf Course. One passes between Dell and Merlins Woods on its way to Redheath and the other goes through Whippendell Woods to Harrocks Wood and Chandlers Cross.

## Significance

Harrocks Wood's size and convenient location make it a natural attraction for the local population who can enjoy and appreciate the varied woodland and its associated habitats. It adds to the local rights of way network and provides an excellent recreational resource.

Informal Public Access raises people's awareness and enjoyment of woodland, fulfilling one of the Trust's three corporate objectives.

## **Opportunities & Constraints**

The car park at Newland's Spring suffers regular vandalism, fly tipping and the dumping and burning out of cars.

Opportunity to retain the involvement and interest of the local community by making the site interesting, attractive and easy to visit for a wide range of people.

## Factors Causing Change

Fly Tipping

## Long term Objective (50 years+)

A welcoming woodland with well-maintained entrances and paths that connect to a wider network of rights of way. Easily accessible, well used and respected by locals from the surrounding area. The wood will remain open for the public to visit and enjoy its natural beauty and conservation interest. The car parks, paths and other recreational facilities will be maintained in accordance with demand and type of use.

Short term management Objectives for the plan period (5 years)

## Operational objective:

Easily accessible, well maintained and safe woodland regularly used by the public. Path network, car parks, entrances and benches remain in good condition for level and type of use, assessed through annual observation visits.

Work programme:

Cut paths twice a year in April and July to a width of 2m.

Keep paths open, accessible and welcoming through monitoring the paths for rideside tree clearance. Where appropriate sections of trees will be felled to maintained a welcoming environment and to improve light levels.

Annual tree safety inspection of zones A and B.

The car park is subject to a lease agreement whereby Three Rivers District Council are under obligation to remove burnt out cars, rubbish and fly tipping. A surface will be maintained that is suitable for visitors to use.

## 5.2 Ancient Woodland Site

## Description

Harrocks, Merlins and Dell Wood are all ancient woodland sites, parts of which in past years have been felled and replanted with conifers. Many of these have died and the gaps been colonised by sycamore, ash and birch. Until quite recently, these three sites had greater ancient semi-natural characteristics and carried a SSSI status until a previous owner undermined the ecological value of the site by over wintering cattle in the woods. Despite that they still house some important flora including wood sorrell, red campion, bluebells and the rare Coralroot bittercress. The core ancient woodland components still remain and the ecological value of the woods will increase in time. The site also hosts a Heritage Roadside Verge. The ancient woodlands on both sides make Rousebarn Lane verge the most important in the county.

## Significance

Ancient woodlands have been in existence for many hundreds of years and unfortunately are a declining resource. As well as being a traditional feature in the landscape they support an abundance of plants, mammals, birds, insects and fungi. It is one of the Trust's main objectives to ensure no further loss of ASNW. They take centuries to evolve and are irreplaceable.

## **Opportunities & Constraints**

Opportunities:

Opportunity to maintain and enhance this ancient woodland and its associated habitats by encouraging native broadleaf regeneration and seeking opportunities to buffer the ancient woodland from the intensive arable farmland beyond.

Encourage adjacent landowners to carry out more sympathetic farming practices to help conserve the ancient woodland components.

Favour against non native species such as conifers, sycamore and rhododendron in any management works.

## Constraints:

Deer and rabbit browsing on natural regeneration. Sycamore regenerates freely and adds little to the composition of ancient woodland. Rhododendron can be damaging to ground flora, as is the bracken and bramble in some areas which may undermine the natural regeneration potential.

## **Factors Causing Change**

Deer and rabbit browsing.

Competition with non native tree and shrub species, bracken, bramble and other invasive species.

## Long term Objective (50 years+)

Mixed broadleaf uneven aged woodland of varying stand structure, including areas of open and dense high forest and a mixed, multi-aged understorey. Attractive maturing woodland continuing to develop its ancient woodland characteristics and components.

Natural regeneration levels should remain sufficient to ensure sustainable continuous cover management. Leaf litter, rotting wood and natural clearings will influence such regeneration. Thriving communities of specialist woodland flora will occur throughout the wood, much of it concentrated along ride sides.

Many of the large oak and chestnut will reach senescence and beyond providing numerous veteran trees and valuable dead wood habitats.

## Short term management Objectives for the plan period (5 years)

## Operational objective:

Conserve and enhance the ancient woodland characteristics of Harrocks Wood and encourage native broadleaf natural regeneration.

Work programme:

Monitor the impact of deer browsing and if unaccepatable levels of damage introduce a management program. Through observation visits, monitor the natural regeneration in areas where non native tree and shrub species, bracken and bramble and other invasive species such as Japanese knotweed may be impeding growth.

6.0 WORK PROGRAMME						
Year	Type of Work	Description	Due By			

## APPENDIX 1: COMPARTMENT DESCRIPTIONS

Cpt No.	Area (ha)	Main Species	Year	Management Regime	Major Management Constraints	Key Features Present	Designations
1a	3.60	Ash	1970	High forest		Ancient Woodland Site, Informal Public Access	Ancient Semi Natural Woodland, Area of Landscape Value, County Wildlife Site (includes SNCI, SINC etc), Green Belt, Tree Preservation Order

Compartment 1a forms the southern strip of Harrocks Wood. Despite being ancient semi-natural woodland in origin, the woodland has been subject to many interventions, most recently in the 1960's when large areas were felled and replanted with conifers. Many of these subsequently died leaving quite large open areas, which have become colonised with sycamore and ash. The well stocked stand also contains a few cherry, beech, birch and a decent crop of mature larch. The understorey consists of holly, goat willow, hazel, elder and ash and sycamore regeneration. The ground flora is dominated by dog's mercury, bluebells, primroses, bracken and assorted ferns. There are several depressions, the legacy of old gravel and flint extractions, which, despite being quite deep have graded banks and so do not pose a serious risk to the visiting public. A public footpath known as Finches Avenue touches the southern tip of the compartment and a well-used permissive path runs east / west along the entire length of the northern edge. A mains sewer also runs under this path.

1b	7.90	Sycamor	1970	High forest	Ancient	Ancient Semi
		е			Woodland Site,	Natural
					Informal Public	Woodland, Area
					Access	of Landscape
						Value, County
						Wildlife Site
						(includes SNCI,
						SINC etc), Green
						Belt, Tree
						Preservation
						Order

Sycamore, birch, ash, sweet chestnut and Douglas fir are the most common canopy species, aged around 50 years. Thinned in 1997 much of the sycamore is sprouting coppice regrowth which is adding to the already quite dense understorey of holly and occasional rhododendron. Ground flora includes nettle, dog's mercury, bluebell, primrose, bramble, honeysuckle, moss and bracken. The most important plant in the wood is the coralroot bittercress, which grows along ridesides and likes quite dark damp conditions. The area to the west of Finches Avenue stretching to Redhall Lane contains the site of the old woodworker's cottage by the road which is relatively open with a stand of Japanese knotweed. An underground power cable runs the entire length of Finches Avenue with two parallel spurs running east / west through the compartment to the main road. One is underground with a single pole and transformer on Finches Avenue and the other is over ground, suspended on poles from the main cable on Finches Avenue to Potten Cottage.

1c	7.70	Sycamor e	1960	High forest	Woodland Site,	Ancient Semi Natural Woodland, Area of Landscape Value, County Wildlife Site (includes SNCI, SINC etc), Green Belt, Tree Preservation
						Order

1c is a diverse sub compartment containing mostly over-mature coppice with standards. Sweet chestnut, oak, birch, ash, sycamore and European larch are the most common canopy species. The well stocked compartment has some mature specimen trees. Ground flora is abundant with bluebell dominating. Other ground flora species include bramble, fern, bracken, moss, dog's mercury and honeysuckle.

1d	5.30	other oak	1950	High forest	Ancient	Ancient Semi
		spp			Woodland	Site, Natural
					Informal Pu	Iblic Woodland, Area
					Access	of Landscape
						Value, Tree
						Preservation
						Order

Fairly open sub compartment with a diverse canopy of oak, birch, ash and European larch ranging from 40 - 60 years. Some beech and cherry aged approx 60 years also exists. The abundant ground flora includes bluebell, bracken, honeysuckle, fern, primrose and moss. The sub compartment also borders Finches Avenue to the west, Rousebarn Lane to the east and improved grassland over the boundary to the north.

2a	7.20	Birch (downy/s ilver)	1980	High forest		Ancient Woodland Site, Informal Public Access	Area of Landscape Value, County Wildlife Site (includes SNCI, SINC etc), Green Belt, Tree Preservation Order
Harroc Merlin' and pro bluebe which Spring	ks. Mo s Wood omotec Ils in th marks t . The s	stly birch v d underwe d colonisati ne spring. 7 the bounda lightly mor	vith po nt an e ion by There i ary bet e acid	ckets of ash, oak, extensive thinning birch, ash and syd s a bank and ditcl ween the ancient soils have allowe	is woodland appea cherry and sweet operation in 1981, camore. This is als h feature just south Merlins Wood and d bracken to flouris ive understorey ind	chestnut, some of which has left so the best wood of the Merlins V the open ground sh in the numero	of significant size. ome large gaps land to see Vood car park d of Newlands us gaps
3a	6.60	Ash	1950	High forest		Ancient Woodland Site, Informal Public Access	•
oak, sy regene the are and ho	camor eration a of old neysue	e and wild and hazel d coppice. ckle. The s	cherry coppic Other soils ar	<ul> <li>A rich understo</li> <li>Bluebells are t</li> <li>ground flora spect</li> <li>more base rich</li> </ul>	The canopy is do rey is present, mai to be found along the ties include dog's n with less bracken ows access to Dell	nly consisting of he edges of New hercury, moss, b present.There is	prolific ash Iands Spring in racken, bramble
4a	4.50	Birch (downy/s ilver)	1965	High forest		Ancient Woodland Site, Informal Public Access	Ancient Semi Natural Woodland, Area of Landscape Value, County Wildlife Site (includes SNCI, SINC etc), Green Belt, Tree Preservation Order

Compartment 4a is known as Dell Wood for obvious reasons; the area is dominated by the major earthworks in the middle of the compartment. Several large open areas and abandoned quarries are also present. The tree canopy is similar to Merlins Wood with birch and ash dominating. Ash regen, holly and hazel make up the understorey. Ground flora is generally abundant, with bluebell, bracken, bramble, nettle, ivy, dog's mercury, fern, moss and honeysuckle.Dell Wood was described in 1951 as having valuable quantities of beech, oak and ash timber. These trees have since been felled and replacement trees were either never planted or have long since died out. Now mainly birch scrub of about 40 years of age covers the wood.

# GLOSSARY

## Ancient Woodland

Ancient woods are defined as those where there has been continuous woodland cover since at least 1600 AD. In Scotland ancient woods are defined strictly as sites shown as semi-natural woodland on the 'Roy' maps (a military survey carried out in 1750 AD, which is the best source of historical map evidence) and as woodland all subsequent maps. However, they have been combined with long-established woods of semi-natural origin (originating from between 1750 and 1860) into a single category of Ancient Semi-Natural Woodland to take account of uncertainties in their identification. Ancient woods include Ancient Semi-Natural Woodland and plantations on Ancient Woodland Sites (see below). May support many species that are only found in ancient woodland.

## Ancient Semi - Natural Woodland

Stands in ancient woods defined as those consisting predominantly of native trees and shrubs that have not obviously been planted, which have arisen from natural regeneration or coppice regrowth.

## Ancient Woodland Site

Stands in ancient woods that have been converted to plantations, of coniferous, broadleaved or mixed species, usually for timber production, including plantations of native species planted so closely together that any semi-natural elements of the understorey have been suppressed.

## **Beating Up**

Replacing any newly planted trees that have died in the first few years after planting.

## Broadleaf

A tree having broad leaves (such as oak) rather than needles found on conifers (such as Scots pine).

## Canopy

The uppermost layer of vegetation in a woodland, or the upper foliage and branches of an individual tree.

## Clearfell

Felling of all trees within a defined area.

## Compartment

Permanent management division of a woodland, usually defined on site by permanent features such as roads. See Sub-compartments.

## Conifer

A tree having needles, rather than broadleaves, and typically bearing cones.

## Continuous Cover forestry

A term used for managing woods to ensure that there are groups or individual trees of different ages scattered over the whole wood and that some mature tree cover is always maintained. Management is by repeated thinning and no large areas are ever completely felled all at once.

## Coppice

Trees which are cut back to ground levels at regular intervals (3-25 years).

## Exotic (non-native) Species

Species originating from other countries (or other parts of the UK) that have been introduced by humans, deliberately or accidentally.

## Field Layer

Layer of small, non-woody herbaceous plants such as bluebells.

## Group Fell

The felling of a small group of trees, often to promote natural regeneration or allow planting.

## Long Term Retention

Discrete groups of trees (or in some cases single trees) that are retained significantly past their economic felling age. Operations may still be carried out within them and thinning is often necessary to maintain stability.

## Minimum Intervention

Areas where no operations (such as thinning) will take place other than to protect public safety or possibly to control invasive exotic species.

## Mixed Woodland

Woodland made up of broadleaved and coniferous trees.

## National vegetation classification (NVC)

A classification scheme that allows an area of vegetation to be assigned to the standardised type that best matches the combination of plant species that it contains. All woodlands in the UK can be described as being one of 18 main woodland types (W1 - W18), which principally reflect soil and climatic conditions. For example, Upland Oakwoods are type W11, and normally occur on well drained infertile soils in the cooler and wetter north and west of Britain. Each main type can be subdivided into numerous subtypes. Most real woods contain more than one type or sub-type and inevitably some woods are intermediate in character and can't be properly described by any sub type.

## Native Species

Species that arrived in Britain without human assistance.

## Natural Regeneration

Naturally grown trees from seeds falling from mature trees. Also regeneration from coppicing and suckering.

## **Origin & Provenance**

The provenance of a tree or seed is the place where seed was collected to grow the tree or plant. The origin is the geographical location within the natural range of a species from where seeds/tree originally derives. Thus an acorn collected from a Turkey oak in Edinburgh would have an Edinburgh provenance and a southern European origin.

## **Re-Stocking**

Re-planting an area of woodland, after it has been felled.

## Shrub Layer

Formed by woody plants 1-10m tall.

## Silviculture

The growing and care of trees in woodlands.

## Stand

Trees of one type or species, grouped together within a woodland.

## Sub-Compartment

Temporary management division of a compartment, which may change between management plan periods.

## Thinning

The felling of a proportion of individual trees within a given area. The remaining trees grow to fill in the space created.

## Tubex or Grow or Tuley Tubes

Tubes placed over newly planted trees or natural regeneration that promote growth and provide protection from animals such as rabbits and deer.

## Weeding

The control of vegetation immediately around newly planted trees or natural regeneration to promote tree growth until they become established. Either by hand cutting or with carefully selected weed killers such as glyphosate.

## Windblow/Windthrow

Trees or groups of trees blown over (usually uprooted) by strong winds and gales.

The Woodland Trust, Kempton Way, Grantham, Lincolnshire NG31 6LL.

The Woodland Trust is a charity registered in England and Wales no. 294344 and in Scotland no. SC038885. A non-profit making company limited by guarantee. Registered in England no. 1982873. The Woodland Trust logo is a registered trademark.