

Bexley Biodiversity Action Plan 2010-2015

Adopted June 2011

The Bexley Biodiversity Action Plan 2010-2015 replaces the Bexley Biodiversity Action Plan 2002. It has been written on the Biodiversity Action Reporting System (BARS), a national online database which records and monitors actions to conserve and enhance biodiversity. As such, it is intended to be a dynamic action plan, and will be continually updated throughout the life of the plan, to record and monitor progress.

The species and habitats for which action plans have been written, and the targets in each action plan, were agreed by the London Borough of Bexley's Cabinet Member for the Environment in June 2011.

This report is made up of printouts from BARS at the time of adoption. In addition to the agreed targets, it includes all the actions identified by June 2011 which will help to deliver those targets. New actions will be added throughout the life of the plan as these are identified. The report also includes an indication of progress for each action and target to June 2011.

Front cover photographs: black poplar (Tony Canning), bluebells at Lesnes Abbey Wood (Ian Yarham), River Thames at Crossness Local Nature Reserve (John Archer), lesser calamint (John Archer/LB Bexley), brown long-eared bat (Claire Andrews/Thomson Ecology), red admiral (Brenda Johnson)

Partnership plans - Bexley BAP

Partnership plans		
Name	Description	
Bats Species Action Plan 2010-2015	Bats are fascinating and unique animals, the only true flying mammals. At least nine of the 16 species of bat in the UK have been recorded recently in Bexley. All of Britain's bats have suffered serious declines during the past century, mainly due to loss of roosting sites and declines in insect numbers and diversity. All bats are protected under UK and European Union law. Places which provide good foraging habitat are very important to bats, as are roosting and breeding sites. We aim to maintain the current bat population in Bexley and to work with others to reverse the recent population declines in London's bats.	
Black Poplar Species Action Plan 2010-2015	The native black poplar is a scarce and declining tree in Britain. Traditionally a tree of damp places, almost all of Britain's surviving black poplars have been planted and derive from just a handful of individual trees which have been cloned. There is a fine mature black poplar in the churchyard at the south end of Foots Cray Meadows. Several smaller black poplars, some derived from cuttings from this tree, have been planted in the meadows, though the exact number of trees and their origins is still to be determined, due to the difficulty of identifying poplars. There are two more probable black poplars in Danson Park, planted in the 1960s. We want to confirm the identity of all Bexley's black poplars, ensure they are protected and managed to maximise their lifespan, and to plant more black poplars in appropriate places throughout the borough.	
Grazing Marsh Habitat Action Plan 2010-2015	Crayford and Erith Marshes are among the few remaining fragments of the grazing marshes which once flanked the River Thames through London. These seasonally-flooded pastures, crisscrossed with ditches, support a strong poulation of the threatened water vole, as well as a great diversity of birds and invertebrates. We want to protect and enhance Bexley's grazing marsh to ensure this wealth of wildlife continues to thrive.	
Great Crested Newt Species Action Plan 2010-2015	Bexley is home to important populations of great crested newts, a European protected species. We want to ensure that these newts and their breeding ponds are protected, and their terrestrial habitat is managed appropriately to ensure exisiting populations are maintained. We will also seek to create new habitat for great crested newts where opportunities arise.	

Heathland Habitat Action Plan 2010-2015	Heathland is a rare and declining habitat in London, and supports a number of specialised plants and animals. We want to protect and manage Bexley's remaining area of heathland at Lesnes Abbey, to maximise its value to these special species and encourage the habitat to spread. We will also look for opportunities to create new heathland in suitable places.	
Parks and Open Spaces Habitat Action Plan 2010-2015	Urban parks, and other open spaces such as churchyards and cemeteries, are vital green oases for people and wildlife alike. We want to provide more wildlife habitats in Bexley's parks, which will help to make them more enjoyable places for people to visit too.	
Ponds Habitat Action Plan 2010-2015	Ponds are wonderful havens for wildlife, providing habitat for amphibians, waterbirds, aquatic plants and invertebrates. We want to protect Bexley's 60 or so ponds, manage them to ensure a wide range of different habitat types, and create new ponds to increase the number of ponds in the borough.	
Reed Bed Habitat Action Plan 2010-2015	Reed beds are a very important wildlife habitat. Numerous birds and invertebrates rely on reed beds, and they also support populations of the rare water vole. We want to protect, manage and expand Bexley's reed beds to provide an increased resource for these animals.	
Rivers and Streams Habitat Action Plan 2010-2015	Bexley is lucky to have some beautiful stretches of river, as well as a network of dykes in Belvedere and Crayford which are classified by the Environment Agency as main rivers. These are home to a tremendous range of fish, aquatic plants and invertebrates, as well as the rare water vole and charismatic birds like the kingfisher, and provide important green corridors for people and wildlife. We want to ensure our rivers retain their value, and improve some of the less exciting sections.	
Stag Beetle Species Action Plan 2010-2015	The stag beetle, Britain's largest beetle, is scarce and declining, and is protected under the European Union's Habitats Directive. South-east London, including Bexley, still supports strong populations of this spectacular insect, which is a common sight in the borough's parks and gardens in summer. We want to ensure that Bexley remains a stronghold for the stag beetle in the future.	
Water Vole Species Action Plan 2010-2015	Immortalised by author Kenneth Graeme as "Ratty" in 'The Wind in the Willows', the water vole is one of Britain's best-loved mammals. Once common and widespread, it is now rare and threatened with extinction, largely due to predation by introduced mink. The water vole is now a protected species. Bexley still has strong populations of water voles in its	

	marshes and rivers. We aim to protect our water voles and their habitat, and create new habitats to allow the population to expand.	
Woodland Habitat Action Plan 2010-2015	Woodlands are wonderful places for people and wildlife. We want to protect Bexley's woods, manage them to maximise their value to wildlife and to local people, and create new woodlands to increase the woodland resource for future generations.	

Bats Species Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Bats are fascinating and unique animals, the only true flying mammals. At least nine of the 16 species of bat in the UK have been recorded recently in Bexley. All of Britain's bats have suffered serious declines during the past century, mainly due to loss of roosting sites and declines in insect numbers and diversity. All bats are protected under UK and European Union law. Places which provide good foraging habitat are very important to bats, as are roosting and breeding sites. We aim to maintain the current bat population in Bexley and to work with others to reverse the recent population declines in London's bats.

Targe	Targets							
Code	Text	Status	Assessment date	Latest progress report				
<u>BA01</u>	Maintain the number of bat roosts in the borough at the 2010 level	Some progress (on schedule)	18/03/2011	London Bat Group have records of 23 roosts, including one hibernation site, in the borough to the end of 2010. Another roost has recently been discovered.				
<u>BA02</u>	Provide additional roost sites for bats, including bat boxes, bat bricks and buildings designed to accommodate bats, on at least 25 sites in the borough by 2015. This should include at least 10 sites where the new roost sites are delivered through new development.	Some progress (behind schedule)	10/12/2010	Bat boxes were installed in one school during 2010. Further information will be sought, especially of any features for bats installed via the development control process.				

Actions	Actions							
Code	Text	Start/End date	Contacts (lead shown bold)	Status				
<u>BA01-</u> <u>01</u>	Ensure that agreed criteria and procedures are in place to screen all planning applications for potential impact on bats, so that surveys are requested before applications are validated where there is reasonable likelihood of impact on bats.	01/05/2010 - 31/03/2011	Bexley London Borough Council	Underway (behind schedule)				
<u>BA01-</u> <u>02</u>	Consider the potential impacts on bats of proposals for new development, taking account of lighting as well as possible loss of roosts or feeding habitats, to ensure adverse impacts on bats are avoided, and seek enahnced bat habitat through provision of features such as bat bricks, bat boxes or buildings designed to allow bats to roost.	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)				
BA02- 01	Install 16 bat boxes at Crossness Nature Reserve and Crossness Southern Marsh,	01/01/2011	Thames Water	Underway (on				

	including 4 in the new stable block at Crossness Nature Reserve, during 2011.	31/12/2011		schedule)	
<u>PA01-</u> <u>01</u>	Cut designated wildflower meadows (including acid grassland) within Bexley's parks and open spaces on an appropriate (usually annual) cycle to maintain species diversity and provide good foraging habitat for bats	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>SB01-</u> <u>04</u>	Install a logpile, and insect hotel and 4 bat boxes at Sherwood Park Primary School.	01/08/2010 - 30/09/2010	North West Kent Countryside Partnership, Bexley London Borough Council	Completed	
<u>WO01-</u> <u>09</u>	Create new rides and glades in woodlands within the Council's open spaces where appropriate, to provide inproved habitat for ground flora, invertebrates and bats	01/01/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>13</u>	Widen some of the main rides in Gattons Plantation by selective scalloping, to provide improved feeding habitat for bats and invertebrates.	01/10/2011 - 31/12/2015	Woodland Trust	Not started	

Black Poplar Species Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

The native black poplar is a scarce and declining tree in Britain. Traditionally a tree of damp places, almost all of Britain's surviving black poplars have been planted and derive from just a handful of individual trees which have been cloned. There is a fine mature black poplar in the churchyard at the south end of Foots Cray Meadows. Several smaller black poplars, some derived from cuttings from this tree, have been planted in the meadows, though the exact number of trees and their origins is still to be determined, due to the difficulty of identifying poplars. There are two more probable black poplars in Danson Park, planted in the 1960s. We want to confirm the identity of all Bexley's black poplars, ensure they are protected and managed to maximise their lifespan, and to plant more black poplars in appropriate places throughout the borough.

Target	Targets							
Code	Text	Status	Assessment date	Latest progress report				
<u>BP01</u>	Confirm the identity of the existing black poplars in Foots Cray Meadows and Danson Park, and ensure they are protected and appropriately managed to maximise their lifespan.	No report	No report	No report				
<u>BP02</u>	Plant 120 additional black poplars at appropriate locations by 2015. 20 of these will be delivered through new development.	Some progress (on schedule)	14/04/2011	90 black poplars have been planted since the start of 2010. Most of these are whips, so 100% survival is unlikely. Their survival rates will need to be monitored in coming years, and the progress towards the target reassessed when it is clear how many of the trees have established.				

Actions	Actions						
Code	Text	Start/End date	Contacts (lead shown bold)	Status			
<u>BP01-</u> <u>01</u>	Confirm the identity and precise locations of all black poplars at Foots Cray Meadows and Danson Park, and obtain genetic analysis to determine which clone they belong to.	01/04/2010 - 31/03/2012	Bexley London Borough Council	Underway (on schedule)			
<u>BP01-</u> <u>02</u>	Ensure that all black poplars in the Council's parks are managed appropriately, taking account of new research and guidelines emerging from the London Black Poplar Action Plan.	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)			
<u>BP02-</u> <u>01</u>	Plant 50 new black poplars, including both cuttings from the exisiting trees and some of other fairly local provenance, in Foots Cray Meadows and other suitable locations in the Council's open spaces, particularly along the	01/10/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)			

	Rivers Cray and Shuttle.				
<u>WO03-</u> <u>05</u>	Remove dead and dying hybrid poplars and plant 9900 square metres of mixed deciduous woodland and 1400 square metres of wet woodland in Woodland Way as the first stage of replacing the poplar plantation with native woodland. The planting will include 75 native black poplars. Large trunks and stumps from the felled poplars to be left on site where appropriate as dead wood habitat and to block access for motor bikes.	01/02/2010 - 28/02/2010	Tilfen Land	Completed	

Grazing Marsh Habitat Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Crayford and Erith Marshes are among the few remaining fragments of the grazing marshes which once flanked the River Thames through London. These seasonally-flooded pastures, criss-crossed with ditches, support a strong poulation of the threatened water vole, as well as a great diversity of birds and invertebrates. We want to protect and enhance Bexley's grazing marsh to ensure this wealth of wildlife continues to thrive.

Targets	Targets							
Code	Text	Status	Assessment date	Latest progress report				
<u>GM01</u>	To protect and manage 120 hectares of grazing marsh to at least maintain its current nature conservation value	Some progress (on schedule)	09/12/2010	There have been no losses, and management at Erith Marshes is positive. Little management has happened at Crayford Marshes.				
<u>GM02</u>	To enhance 5 hectares of grazing marsh to improve its condition and nature conservation value by 2015	Some progress (on schedule)	09/12/2010	Work is under way or shortly to commence on enhancement of 3.2ha of grazing marsh on Crossness Nature Reserve				
<u>GM03</u>	Restore 1 kilometre of ditches, currently in very poor condition, on grazing marsh by 2015	Some progress (on schedule)	22/10/2010	2 sections of ditch totalling 0.16km at Crossness Nature Reserve and a 0.375km section of ditch between Crossness Southern Marsh and Southmere Park have been restored during summer 2010.				
<u>GM04</u>	Create 0.5 kilometres of new drainage ditches on grazing marsh by 2015	Some progress (on schedule)	22/10/2010	2 new ditches totalling 0.177km have been created on Crossness LNR during summer 2010.				

Actions						
Code	Text	Start/End date	Contacts (lead shown bold)	Status		
<u>GM01-</u> <u>01</u>	Produce a revised management plan for Crossness Nature Reserve and Crossness Southern Marsh to include a 5-year work programme	01/05/2010 - 31/03/2011	Thames Water	Underway (on schedule)		
<u>GM01-</u> <u>02</u>	Agree revised grazing regimes with graziers on Crossness LNR and Crossness Southern Marsh to ensure grazing regime matches the optimal regime identified in the Management Plan	31/03/2011 - 30/06/2011	Thames Water	Not started		
<u>GM02-</u>	Install new water pump at Crossness	01/09/2010 -	Thames Water	Underway		

<u>01</u>	Nature Reserve to improve management of water levels on wet grassland	31/12/2010		(behind schedule)	
<u>GM02-</u> <u>02</u>	Restore Seawall Field, Crossness LNR, including fencing field to allow horse grazing, enhancing the substrate and seeding with an appropriate mix.	07/06/2010 - 31/12/2011	Thames Water	Underway (on schedule)	
<u>GM03-</u> <u>01</u>	Restore two sections of ditch (totalling 160 metres) at Crossness LNR currently in very poor condition, including desilting and reprofiling	01/09/2010 - 31/10/2010	Thames Water	Completed	_
<u>GM03-</u> <u>02</u>	Restore the Belvedere Road Path Ditch, which runs between Crossness Southern Marsh and Southmere Park, including desilting, deepening, reprofiling and planting reeds.	01/05/2010 - 31/08/2010	Bexley London Borough Council	Completed	
GM04- 01	Create two new ditches (total length 177 metres) at Crossness LNR	01/09/2010 - 31/10/2010	Thames Water	Completed	
<u>WV01-</u> <u>01</u>	Seek a solution to the persistent fly tipping in the ditches along Wallhouse Road on Crayford Marshes, which currently threatens the water vole population in these ditches.	24/09/2010 - 21/12/2011	Bexley London Borough Council, Environment Agency	Underway (on schedule)	

Great Crested Newt Species Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Bexley is home to important populations of great crested newts, a European protected species. We want to ensure that these newts and their breeding ponds are protected, and their terrestrial habitat is managed appropriately to ensure exisiting populations are maintained. We will also seek to create new habitat for great crested newts where opportunities arise.

Target	s				
Code	Text	Status	Assessment date	Latest progress report	
<u>CN01</u>	Maintain populations of great crested newts in all current breeding sites	Some progress (on schedule)	10/12/2010	A small population was definitely present at Footscray Meadows in 2010. No surveys were undertaken at the other sites. No losses or damage to great crested newt habitat was reported.	_
<u>CN02</u>	Create at least 12 new ponds within or close to the current range of great crested newts in Foots Cray and North Cray, with linking terrestrial habitat, to encourage the development of more stable metapopulations. At least 2 of the new ponds will be delivered through new development.	Some progress (on schedule)	26/11/2010	8 new ponds have been created in Foots Cray Meadows, with work on a ninth under way	_

Actions					
Code	Text	Start/End date	Contacts (lead shown bold)	Status	
<u>CN01-</u> <u>01</u>	Establish agreed criteria and procedures to ensure that great crested newts are fully considered in all planning applications for which there is a reasonable likelihood of adverse impacts.	26/08/2010 - 31/03/2010	Bexley London Borough Council	Underway (behind schedule)	_
<u>CN01-</u> <u>02</u>	Monitor populations of great crested newts annually in the ponds at Foots Cray Meadows	01/01/2011 - 31/12/2015	- INDIVIDUALS -	Not started (for this period)	
<u>CN02-</u> <u>01</u>	Introduce revised management regime for part of Foots Cray Meadows to provide improved terrestrial habitat for Great Crested newts and better links between ponds. Some areas, which are currently close-mown, will be left unmanaged, others cut on a 3-year rotation. A total of 2.4 ha of additional terrestrial habitat will be improved.	01/01/2011 - 31/12/2011	Bexley London Borough Council	Underway (on schedule)	

<u>PA01-</u> <u>01</u>	Cut designated wildflower meadows (including acid grassland) within Bexley's parks and open spaces on an appropriate (usually annual) cycle to maintain species diversity and provide good foraging habitat for bats	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>PO01-</u> <u>01</u>	Regular management of vegetation in and around the ponds in Foots Cray Meadows by volunteers from the Friends group to maintain a good balance between vegetation and open water and provide suitable habitat for great crested newts.	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
PO02- 02	Carry out habitat enhancements to the existing pond in Foots Cray Meadows, including extending the pipe carrying runoff from the car park to ensure water levels in the pond are maintained, marginal planting and coppicing of adjacent willows, as part of the joint project with Froglife funded by Cory Environmental Trust and the Million Ponds Project	01/01/2010 - 31/05/2010	Bexley London Borough Council, Froglife	Completed	
<u>PO03-</u> <u>02</u>	Create nine new ponds in Foots Cray Meadows, including one on the site of a former pond, as part of joint project with Froglife funded by Cory Environment Trust and the Million Ponds Project	06/09/2010 - 30/11/2010	Bexley London Borough Council, Froglife	Underway (behind schedule)	

Heathland Habitat Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Heathland is a rare and declining habitat in London, and supports a number of specialised plants and animals. We want to protect and manage Bexley's remaining area of heathland at Lesnes Abbey, to maximise its value to these special species and encourage the habitat to spread. We will also look for opportunities to create new heathland in suitable places.

Target	s				
Code	Text	Status	Assessment date	Latest progress report	
HL01	Protect and manage Bexley's 2.5 hectares of heathland to ensure it at least retains its nature conservation value	Some progress (on schedule)	10/12/2010	The 2.5 hectares of heathland at Lesnes Abbey Wood has been managed during the year	
HL02	Encourage the expansion of heathland at Lesnes Abbey Wood through appropriate management of surrounding areas, to create an additional 0.5 hectares, and seek to create at least 1 ha of heathland elsewhere in the Borough, by 2015	Some progress (on schedule)	09/12/2010	Heather is spreading into areas around the edges of the core heathland.	

Actions	S				
Code	Text	Start/End date	Contacts (lead shown bold)	Status	
<u>HL01-</u> <u>01</u>	Produce a revised and updated management plan for the heathland in Lesnes Abbey Wood	01/04/2011 - 31/12/2011	Bexley London Borough Council	Not started	
HL01- 02	Control birch and other trees and vegetation invading the heathland at Lesnes Abbey Wood annually as necessary, to prevent loss of heathland vegetation (but retain the old, stunted oaks and wild service-tree within the heathland)	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Not started (for this period)	
<u>HL01-</u> <u>03</u>	Carry out rotational cutting heather and other vegetation on the heathland, as determined in the Management Plan, in Lesnes Abbey Wood to maintain a diverse age structure among the heather	01/01/2012 - ongoing	Bexley London Borough Council	Not started	
HL01- 04	Remove leaf litter annually from the heathland in Lesnes Abbey Wood to prevent build-up of litter and nutrients	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation	Not started (for this period)	

			Volunteers		
HL02- 01	Selectively remove trees and other vegetation around the edges of the heathland at Lesnes Abbey Wood to encourage the expansion of heather and other heathland plants, but retaining the old stunted oaks.	01/01/2010 - 31/12/2015	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
HL02- 02	Explore the feasibility of healthland creation at sites identified in the London Habitat Suitability maps, particularly East Wickham Open Space, Burstead Woods Open Space, the top of Hall Place around Gravel Hill, Hollyhill, and the southern edge of Danson Park, with the aim of creating at least 1 hectare of new heathland by 2015.	01/06/2011 - 31/12/2015	Bexley London Borough Council	Not started	

Parks and Open Spaces Habitat Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Urban parks, and other open spaces such as churchyards and cemeteries, are vital green oases for people and wildlife alike. We want to provide more wildlife habitats in Bexley's parks, which will help to make them more enjoyable places for people to visit too.

Targe	Targets Target								
Code	Text	Status	Assessment date	Latest progress report					
<u>PA01</u>	Manage Bexley's parks and public open spaces to at least retain their nature conservation value	Some progress (on schedule)	09/12/2010	At least 15 parks or public open spaces have been actively managed for nature conservation during 2010.					
<u>PA02</u>	Enhance at least 15 parks in Bexley to improve their value for nature conservation and the experience of nature they provide for people	Some progress (on schedule)	01/04/2011	Enhancements have been made to 7 of Bexley's public open spaces during 2010/11. These are Foots Cray Meadows, East Wickham Open Space, Danson Park, North Cray Wood, Parish Wood Park, Marlborough Park and Foots Cray Recreation Ground.					

Actions					
Code	Text	Start/End date	Contacts (lead shown bold)	Status	
<u>BP01-</u> <u>02</u>	Ensure that all black poplars in the Council's parks are managed appropriately, taking account of new research and guidelines emerging from the London Black Poplar Action Plan.	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>BP02-</u> <u>01</u>	Plant 50 new black poplars, including both cuttings from the exisiting trees and some of other fairly local provenance, in Foots Cray Meadows and other suitable locations in the Council's open spaces, particularly along the Rivers Cray and Shuttle	01/10/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)	
<u>CN02-</u> <u>01</u>	Introduce revised management regime for part of Foots Cray Meadows to provide improved terrestrial habitat for Great Crested newts and better links between ponds. Some areas, which are currently close-mown, will be left unmanaged, others cut on a 3-year rotation. A total of 2.4 ha of additional terrestrial habitat will be improved.	01/01/2011 - 31/12/2011	Bexley London Borough Council	Underway (on schedule)	
<u>HL01-</u> <u>01</u>	Produce a revised and updated management plan for the heathland in	01/04/2011	Bexley London Borough	Not started	

	Lesnes Abbey Wood	31/12/2011	Council		
HL01- 02	Control birch and other trees and vegetation invading the heathland at Lesnes Abbey Wood annually as necessary, to prevent loss of heathland vegetation (but retain the old, stunted oaks and wild service-tree within the heathland)	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Not started (for this period)	
HL01- 03	Carry out rotational cutting heather and other vegetation on the heathland, as determined in the Management Plan, in Lesnes Abbey Wood to maintain a diverse age structure among the heather	01/01/2012 - ongoing	Bexley London Borough Council	Not started	
HL01- 04	Remove leaf litter annually from the heathland in Lesnes Abbey Wood to prevent build-up of litter and nutrients	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Not started (for this period)	
HL02- 01	Selectively remove trees and other vegetation around the edges of the heathland at Lesnes Abbey Wood to encourage the expansion of heather and other heathland plants, but retaining the old stunted oaks.	01/01/2010 - 31/12/2015	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
PA01- 01	Cut designated wildflower meadows (including acid grassland) within Bexley's parks and open spaces on an appropriate (usually annual) cycle to maintain species diversity and provide good foraging habitat for bats	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
PA01- 02	Continue to manage the orchard at Hall Place in a traditional manner, cutting the meadow beneath the trees annually in July, to maintain its cultural and biodiversity value	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>PA01-</u> <u>03</u>	Cut the wildflower meadows in St Mary's Churchyard, Bexley, annually to maintain species diversity.	01/01/2010 - ongoing	North West Kent Countryside Partnership	Underway (on schedule)	
PA01- 04	Lay 100 metres of boundary hedge at Foots Cray Recreation Ground.	01/01/2010 - 11/03/2010	Bexley London Borough Council, North West Kent Countryside Partnership	Completed	
<u>PA01-</u> <u>05</u>	Manage the vegetation in and around the colony of Lesser Calamint near Lesnes Abbey (its only London site) to promote its survival and spread, including removal of encroaching trees as necessary.	01/11/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
<u>PA01-</u> <u>06</u>	Continue to manage 0.4 hectares of grassland in Crossway Park to the west of the canal as a wildflower meadow.	01/01/2010 - ongoing	Gallions Housing Association	Underway (on schedule)	—
<u>PA01-</u>	Identify and map veteran trees in the	01/03/2011	Bexley London	Underway	

<u>07</u>	Council's open spaces and ensure these	-	Borough	(on	
	are protected and managed appropriately to prolong their lifespan and maximise their biodiversity value.	30/06/2011	Council	schedule)	
<u>PA02-</u> <u>01</u>	Create 3 hectares of additional wildflower meadows at East Wickham Open Space through control of invasive weeds and a	01/01/2010 - 31/12/2010	Bexley London Borough Council	Completed	
	change of management to an annual hay cut				
<u>PA02-</u> <u>02</u>	Seek funding for restoration of the bog garden in Danson Park, improving the ponds and creating new wetland vegetation	01/04/2011 - 31/03/2012	Bexley London Borough Council	Not started	
PA02- 03	Restore the former bog garden in Danson Park, improving the ponds and creating 1.12 ha of wetland vegetation.	01/04/2012 - 31/03/2013	Bexley London Borough Council	Not started	_
<u>PA02-</u> <u>04</u>	Create sand banks and hibernacula for common lizards at East Wickham Open Space	01/01/2011 - 31/12/2011	Bexley London Borough Council	Completed	
PA02- 05	Create a new wildflower meadow of 0.63 hectares beside the River Shuttle in Parish Wood Park as part of the project funded through the Mayor of London's Help a London Park scheme	01/03/2010 - 31/12/2011	Bexley London Borough Council	Underway (on schedule)	
<u>PA02-</u> <u>06</u>	Undertake improvements to Shenstone Park, including replacing 350m of boundary fence with a new vegetated boundary wall	01/09/2010 - 28/02/2011	Bexley London Borough Council	Not started	
<u>PA02-</u> <u>07</u>	Create a new orchard in Crossway Park by planting 25 fruit trees per year.	01/12/2010 - 31/12/2015	Gallions Housing Association	Underway (on schedule)	
PA02- 08	Exclude horses, which are currently overgrazing the area, from the hill in Southmere Park, and manage the grassland as meadow.	01/01/2011 - 31/12/2015	Gallions Housing Association	Not started	
<u>PO01-</u> <u>01</u>	Regular management of vegetation in and around the ponds in Foots Cray Meadows by volunteers from the Friends group to maintain a good balance between vegetation and open water and provide suitable habitat for great crested newts.	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>PO01-</u> <u>02</u>	Regular management of vegetation in and around Fountains and Conduit Ponds in Lesnes Abbey Wood by volunteers from the Conservation Volunteers group, and periodic management by the Council of the other two ponds in the wood, to maintain a good balance between vegetation and open water	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Not started (for this period)	
<u>PO02-</u> <u>02</u>	Carry out habitat enhancements to the existing pond in Foots Cray Meadows, including extending the pipe carrying runoff from the car park to ensure water levels in the pond are maintained, marginal planting and coppicing of adjacent willows, as part of the joint	01/01/2010 - 31/05/2010	Bexley London Borough Council, Froglife	Completed	

	project with Froglife funded by Cory Environmental Trust and the Million Ponds Project				
<u>PO03-</u> <u>01</u>	Create a new pond and associated reed bed in Parish Wood Park as part of the improvements funded through the Mayor of London's Help a London Park programme	01/04/2010 - 31/12/2012	Bexley London Borough Council	Underway (on schedule)	
PO03- 02	Create nine new ponds in Foots Cray Meadows, including one on the site of a former pond, as part of joint project with Froglife funded by Cory Environment Trust and the Million Ponds Project	06/09/2010 - 30/11/2010	Bexley London Borough Council, Froglife	Underway (behind schedule)	
<u>RB02-</u> <u>02</u>	Create new reed beds in the margins of Southmere Lake	01/04/2011 - 31/03/2012	Environment Agency	Underway (on schedule)	
RS02- 01	Undertake marginal planting and in- channel enhancements to the River Shuttle in Parish Wood Park as part of the improvements funded through the Mayor of London's Help a London Park scheme	01/04/2010 - 31/03/2012	Bexley London Borough Council	Underway (on schedule)	
RS02- 04	Undertake in-channel enhancements, including flow deflectors and gravel beds, on 300m of the River Cray at Housefield and 700m at Footscray Meadows	01/11/2010 - 31/12/2010	Thames21, Bexley London Borough Council, Environment Agency	Not started	
RS02- 09	Install flow deflectors in the River Cray at Hall Place to increase flow and oxygenation and provide improved gravel habitats for invertebrates and spawning fish.	01/03/2010 - 30/06/2010	Thames21, Environment Agency	Completed	
<u>SB01-</u> <u>01</u>	Place 200 metres of logs around edges of meadow areas at East Wickham Open Space, to delineate the meadow areas and provide dead wood habitat	01/01/2010 - 30/06/2010	Bexley London Borough Council	Completed	
<u>SB01-</u> <u>03</u>	Leave all felled tree stumps in situ when trees are removed in the Council's parks and open spaces (other than woodland), unless in a formal area or too small to be easily avoided by grass cutting equipment. Where possioble, large dead trees are delimbed and the tunks left standing.	01/01/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)	
<u>SB01-</u> <u>05</u>	Install untreated logs as seats which also provide dead wood habitat in the meadow area at Crossway Park	01/01/2010 - 30/06/2010	Gallions Housing Association	Completed	
<u>WO01-</u> <u>01</u>	Coppice selected parts of woodlands within the Council's open spaces on an appropriate cycle	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
<u>WO01-</u> <u>02</u>	Control invasive non-native species, including sycamore where appropriate, in woods within the Council's open spaces	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	

WO01- 03	Control bramble where appropriate in woodland within the Council's open spaces to promote a diverse woodland ground flora	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>WO01-</u> <u>04</u>	Plant native tree and shrub species of local provenence where appropriate within woods in the Council's open spaces to diversify the understorey and canopy	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>05</u>	Thin trees where appropriate in woodland within the Council's open spaces to promote good woodland structure	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>WO01-</u> <u>06</u>	Manage paths and rides in woodland within the Council's open spaces to promote controlled recreational use of the woods	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>07</u>	Erect and maintain fencing beside paths and bridleways in woods within the Council's open spaces where appropriate in order to keep people, dogs and horses away from sensitive areas	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
<u>WO01-</u> 08	Produce a management plan for Bexley Park Wood	01/01/2010 - 31/12/2010	Bexley London Borough Council	Underway (behind schedule)	
<u>WO01-</u> <u>09</u>	Create new rides and glades in woodlands within the Council's open spaces where appropriate, to provide inproved habitat for ground flora, invertebrates and bats	01/01/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>10</u>	Produce a revised management plan for Lesnes Abbey Wood	01/04/2011 - 31/03/2013	Bexley London Borough Council	Not started	
WO01- 11	Control bramble and other vegetation in and around the colony of wild daffodils in Lesnes Abbey Wood (the only native population in London) to ensure their survival and encourage their spread	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
WO01- 12	Where woodlands in the Council's open spaces border more open habitats, such as Shenstone Park, ensure where possible that the edges are managed as gradual transition zones rather than vertical edges.	01/04/2011 - ongoing	Bexley London Borough Council	Not started	
<u>WO02-</u> <u>01</u>	Coppice selected parts of wet woodland within the Council's open spaces on an appropriate cycle	01/01/2010 - ongoing	Bexley London Borough Council	Underway (behind schedule)	
<u>WO02-</u> <u>02</u>	Control invasive non-native species, including sycamore, in wet woodland within the Council's open spaces	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO02-</u> <u>03</u>	Control bramble where appropriate in wet woodland within the Council's open spaces to promote a diverse ground flora	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
WO02-	Plant native tree and shrub species	01/01/2010	Bexley London	Underway	

<u>04</u>	where appropriate in wet woodland within the Council's open spaces to diversify the understorey and canopy	- ongoing	Borough Council	(on schedule)	
<u>WO02-</u> <u>05</u>	Manage paths and rides in wet woodland within the Council's open spaces to promote controlled public access to and enjoyment of the woods.	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO02-</u> <u>05</u>	Thin trees where appropriate in wet woodland within the Council's open spaces to promote good woodland structure	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>WO02-</u> <u>06</u>	Manage paths and rides in wet woodland within the Council's open spaces to promote controlled recreational use	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>WO03-</u> <u>01</u>	Plant 1 hectare of new native woodland in Danson Park.	01/01/2010 - 30/04/2010	Bexley London Borough Council	Completed	
<u>WO03-</u> <u>02</u>	Plant 0.5 hectares of new native woodland in Foots Cray Recreation Ground	01/02/2010 - 31/03/2010	Bexley London Borough Council	Completed	
<u>WO03-</u> <u>03</u>	Plant native trees of local provenance around the edges of North Cray Wood to expand the extent of woodland by 0.4 ha.	01/01/2010 - 31/03/2011	Bexley London Borough Council	Completed	
<u>WO03-</u> <u>04</u>	Plant 0.4 hectares of new native woodland, half of it wet woodland, beside the River Shuttle in Marlborough Park.	01/11/2010 - 31/03/2012	Bexley London Borough Council	Underway (on schedule)	
<u>WO03-</u> <u>07</u>	Create a total of 1.1 hectares of new native woodland in Foots Cray Meadows, mostly in the south-east of the site to screen the adjacent industrial estate.	01/10/2010 - 31/03/2011	Bexley London Borough Council	Completed	

Ponds Habitat Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Ponds are wonderful havens for wildlife, providing habitat for amphibians, waterbirds, aquatic plants and invertebrates. We want to protect Bexley's 60 or so ponds, manage them to ensure a wide range of different habitat types, and create new ponds to increase the number of ponds in the borough.

Target	s				
Code	Text	Status	Assessment date	Latest progress report	
<u>PO01</u>	To protect Bexley's ponds and manage them to ensure they at least retain their wildlife value	Some progress (on schedule)	10/12/2010	No losses of ponds were reported during 2010, and the ponds in Foots Cray Meadows, Crossness Nature Reserve and Lesnes Abbey have been actively managed during the year.	
<u>PO02</u>	To restore or significantly improve the wildlife value of 8 ponds by 2015	Some progress (on schedule)	10/12/2010	Pond improvements were undertaken to 2 ponds in 2010, at Crossness Southern Marsh and Foots Cray Meadows.	
PO03	To create 20 new ponds by 2015, of which 5 will be delivered through new development.	Some progress (ahead of schedule)	10/12/2010	12 new ponds were created in 2010.	_

Actions	Actions					
Code	Text	Start/End date	Contacts (lead shown bold)	Status		
<u>GM01-</u> <u>01</u>	Produce a revised management plan for Crossness Nature Reserve and Crossness Southern Marsh to include a 5-year work programme	01/05/2010 - 31/03/2011	Thames Water	Underway (on schedule)		
<u>PA02-</u> <u>02</u>	Seek funding for restoration of the bog garden in Danson Park, improving the ponds and creating new wetland vegetation	01/04/2011 - 31/03/2012	Bexley London Borough Council	Not started		
<u>PA02-</u> <u>03</u>	Restore the former bog garden in Danson Park, improving the ponds and creating 1.12 ha of wetland vegetation.	01/04/2012 - 31/03/2013	Bexley London Borough Council	Not started		
<u>PO01-</u> <u>01</u>	Regular management of vegetation in and around the ponds in Foots Cray Meadows by volunteers from the Friends group to maintain a good balance between vegetation and open water and provide suitable habitat for great crested newts.	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)		
<u>PO01-</u>	Regular management of vegetation in and	01/01/2010	Bexley	Not started		

02	around Fountains and Conduit Pands is	ongoing	London	(for this	
<u>02</u>	around Fountains and Conduit Ponds in Lesnes Abbey Wood by volunteers from the Conservation Volunteers group, and periodic management by the Council of the other two ponds in the wood, to maintain a good balance between vegetation and open water	- ongoing	London Borough Council, Lesnes Abbey Conservation Volunteers	(for this period)	
<u>PO02-</u> <u>01</u>	Enlarge the seasonal pond at the western end of Crossness Southern Marsh	01/09/2010 - 31/10/2010	Thames Water	Completed	
PO02- 02	Carry out habitat enhancements to the existing pond in Foots Cray Meadows, including extending the pipe carrying runoff from the car park to ensure water levels in the pond are maintained, marginal planting and coppicing of adjacent willows, as part of the joint project with Froglife funded by Cory Environmental Trust and the Million Ponds Project	01/01/2010 - 31/05/2010	Bexley London Borough Council, Froglife	Completed	
<u>PO03-</u> <u>01</u>	Create a new pond and associated reed bed in Parish Wood Park as part of the improvements funded through the Mayor of London's Help a London Park programme	01/04/2010 - 31/12/2012	Bexley London Borough Council	Underway (on schedule)	
<u>PO03-</u> <u>02</u>	Create nine new ponds in Foots Cray Meadows, including one on the site of a former pond, as part of joint project with Froglife funded by Cory Environment Trust and the Million Ponds Project	06/09/2010 - 30/11/2010	Bexley London Borough Council, Froglife	Underway (behind schedule)	
PO03- 03	Undertake enhancements to the nature area at East Wickham Primary School, including creation of a pond and 4 square metres of wildflower meadow and istallation of 2 logpiles and an "insect hotel".	25/08/2010 - 17/09/2010	North West Kent Countryside Partnership, Bexley London Borough Council	Completed	
RB02- 01	Create a new reed bed of 1.22 ha with 3 associated lagoons at Crossness LNR	14/06/2010 - 31/12/2011	Thames Water	Underway (on schedule)	
RB02- 02	Create new reed beds in the margins of Southmere Lake	01/04/2011 - 31/03/2012	Environment Agency	Underway (on schedule)	
RS02- 02	Seek funding for implementation of the Thamesmead Canals Masterplan, which includes control of invasive species in the Thamesmead Canals; habitat enhancement and marginal planting in the Thamesmead Canals; and reed bed creation in Southmere Lake	13/07/2010 - 31/03/2011	Environment Agency, Bexley London Borough Council	Underway (on schedule)	
RS02- 08	Relocate 150 metres of the Green Level Dyke, just east of Mulberry Way, into a new channel to enable the creation of a new Link Road. This will entail the loss of vegetation on one side of the ditch, and a restricted buffer zone. To mitigate these losses, restore natural banks and undertake desilting and Japanese knotweed control on 190 metres of the Green Level Dyke immediately west of the relocated section, and create associated	31/05/2010 - 31/03/2011	Bexley London Borough Council, Environment Agency	Completed	

wetland including an off-channel pond to act as a sustainable urban drainage system for the new road.

Reed Bed Habitat Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Reed beds are a very important wildlife habitat. Numerous birds and invertebrates rely on reed beds, and they also support populations of the rare water vole. We want to protect, manage and expand Bexley's reed beds to provide an increased resource for these animals.

Target	s				
Code	Text	Status	Assessment date	Latest progress report	
<u>RB01</u>	To protect and manage Bexley's 22 hectares of reed beds to maintain their wildlife value	Some progress (on schedule)	18/03/2011	No losses of reed bed were reported in 2010, and active management has been undertaken on the reed beds at Crossness Nature Reserve and Crossness Southern Marsh	
<u>RB02</u>	To create 1.5 hectares of new reed beds by 2015, of which at least 100 square metres will be delivered through new development.	Some progress (on schedule)	10/12/2010	1.22 hectares of reed bed has been planted at Crossness Nature Reserve in 2010, and will be assessed in 2011 to see whether the reeds have established.	
RB03	Establish two new populations of marsh sowthistle (Sonchus palustris) at approriate sites within its historic range in the borough by 2015.	No progress	15/04/2011	Marsh-sow-thistle plants are due to be planted at Thames Road Wetland in spring 2011.	

Actions					
Code	Text	Start/End date	Contacts (lead shown bold)	Status	
<u>GM01-</u> <u>01</u>	Produce a revised management plan for Crossness Nature Reserve and Crossness Southern Marsh to include a 5-year work programme	01/05/2010 - 31/03/2011	Thames Water	Underway (on schedule)	
<u>PO03-</u> <u>01</u>	Create a new pond and associated reed bed in Parish Wood Park as part of the improvements funded through the Mayor of London's Help a London Park programme	01/04/2010 - 31/12/2012	Bexley London Borough Council	Underway (on schedule)	
<u>RB01-</u> <u>01</u>	Manage reed beds at Crossness Local Nature Reserve and Crossness Southern Marsh to retain a good structure and prevent succession to scrub.	01/01/2010 - ongoing	Thames Water	Underway (on schedule)	
RB01- 02	Maintain at least the current extent of reed at Thames Road Wetland by pulling reedmace around the exisiting patches of	01/01/2010 - ongoing	- INDIVIDUALS -, Thames21	Underway (on schedule)	

	reed.				
<u>RB02-</u> <u>01</u>	Create a new reed bed of 1.22 ha with 3 associated lagoons at Crossness LNR	14/06/2010 - 31/12/2011	Thames Water	Underway (on schedule)	
RB02- 02	Create new reed beds in the margins of Southmere Lake	01/04/2011 - 31/03/2012	Environment Agency	Underway (on schedule)	
<u>RB03-</u> <u>01</u>	Eastablish a population of marsh sowthistle at Thames Road Wetland by planting individuals grown from seed collected from the plants at Crayford Marshes.	25/03/2011 - 31/12/2013	Natural History Museum, - INDIVIDUALS -, Bexley London Borough Council, Thames21	Underway (on schedule)	
RS02- 02	Seek funding for implementation of the Thamesmead Canals Masterplan, which includes control of invasive species in the Thamesmead Canals; habitat enhancement and marginal planting in the Thamesmead Canals; and reed bed creation in Southmere Lake	13/07/2010 - 31/03/2011	Environment Agency, Bexley London Borough Council	Underway (on schedule)	

Rivers and Streams Habitat Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Bexley is lucky to have some beautiful stretches of river, as well as a network of dykes in Belvedere and Crayford which are classified by the Environment Agency as main rivers. These are home to a tremendous range of fish, aquatic plants and invertebrates, as well as the rare water vole and charismatic birds like the kingfisher, and provide important green corridors for people and wildlife. We want to ensure our rivers retain their value, and improve some of the less exciting sections.

Target	s				
Code	Text	Status	Assessment date	Latest progress report	
RS01	To protect and manage the 29 kilometres of rivers, streams and drainage ditches in Bexley, to ensure that their value to wildlife and people is at least maintained	Some progress (on schedule)	10/12/2010	The only damage to rivers reported in 2010 is where 150 metres of the Green Level Dyke has had to be moved into a new, less natural channel to allow a road to be built. This has been more than adequately mitigated. Positive management has been undertaken along the River Cray throughout the year.	
<u>RS02</u>	To enhance 5 kilometres of rivers (including dykes classified as Main River) by 2015, including 200 metres enhanced through new development	Some progress (on schedule)	09/12/2010	During 2010 enhancements have been undertaken to 500m of the River Cray and 930m of main river dykes in Belvedere.	
<u>RS03</u>	To restore 1 kilometre of rivers currently in poor condition by 2015, including 75 metres of restoration delivered by new development.	No progress	10/12/2010	Priorities for restoration on the River Shuttle have been identified.	

Action	s				
Code	Text	Start/End date	Contacts (lead shown bold)	Status	
RS01- 01	Produce a Masterplan for enhancing access to the River Shuttle	01/01/2010 - 01/11/2010	Bexley London Borough Council, Environment Agency	Underway (on schedule)	
RS01- 02	Seek funding for implementation of key recommendations in the Masterplan for access enhancements to the River Shuttle	01/11/2010 - 31/03/2011	Bexley London Borough Council, Environment	Not started	

			Agency		
RS01- 03	Provide advice on management of riverside habitats to riparian landowners and contractors along the River Cray as part of the Cray Riverkeepers project	01/01/2010 - 31/12/2015	Thames21, Bexley London Borough Council, Environment Agency	Underway (on schedule)	_
RS01- 04	Undertake control of invasive species, including Himalayan balsam, giant hogweed and Japanese knotweed, along the River Cray	01/01/2010 - ongoing	Thames21, Bexley London Borough Council, Environment Agency	Underway (on schedule)	
RS01- 05	Undertake appropriate seasonal vegetation management along the River Cray and its banks as park of the Cray Riverkeepers project	01/01/2010 - ongoing	Thames21, Bexley London Borough Council, Environment Agency	Underway (on schedule)	
RS01- 06	Undertake regular litter removal along the River Cray as part of the Cray Riverkeepers project	01/01/2010 - ongoing	Thames21, Bexley London Borough Council, Environment Agency	Underway (on schedule)	
RS01- 07	Produce a management plan for all the ditch enhancements and other improvement works undertaken through the Belvedere Green Links project, to be agreed by all landowners, to ensure the enhancements are maintained in future.	01/06/2010 - 31/03/2011	Bexley London Borough Council, Environment Agency	Underway (behind schedule)	
RS01- 08	Undertake regular litter removal on the Thamesmead Canals	01/01/2010 - ongoing	Gallions Housing Association	Underway (on schedule)	
RS02- 01	Undertake marginal planting and in-channel enhancements to the River Shuttle in Parish Wood Park as part of the improvements funded through the Mayor of London's Help a London Park scheme	01/04/2010 - 31/03/2012	Bexley London Borough Council	Underway (on schedule)	
RS02- 02	Seek funding for implementation of the Thamesmead Canals Masterplan, which includes control of invasive species in the Thamesmead Canals; habitat enhancement and marginal planting in the Thamesmead Canals; and reed bed creation in Southmere Lake	13/07/2010 - 31/03/2011	Environment Agency, Bexley London Borough Council	Underway (on schedule)	
RS02- 03	Undertake public realm enhancement and in-channel enhancements to the River Cray (including dredging, flow-deflectors and gravel beds) on the fomer EDF site in Crayford town centre.	01/01/2010 - 31/12/2011	Bexley London Borough Council, Environment Agency, Thames21	Underway (on schedule)	
RS02-	Undertake in-channel enhancements,	01/11/2010	Thames21,	Not started	

<u>04</u>	including flow deflectors and gravel beds, on 300m of the River Cray at Housefield and 700m at Footscray Meadows	- 31/12/2010	Bexley London Borough Council, Environment Agency		
RS02- 05	Undertake in-channel enhancements, including flow deflectors and gravel beds, in the River Cray between Woolet Hall Farm and the Old Mill at Bexley	01/01/2012 - 31/12/2012	Thames21, Bexley London Borough Council, Environment Agency	Not started	
RS02- 06	Undertake in-channel enhancements in the River Cray between the A2 and Crayford	01/01/2013 - 31/12/2013	Thames21, Bexley London Borough Council, Environment Agency	Not started	
RS02- 07	Undertake desilting and reprofiling of a 230 metre section of the Picardy Ditch beside Station Road, to improve flow and wildlife habitat, especially for water voles.	01/06/2010 - 31/07/2010	Bexley London Borough Council, Environment Agency	Completed	
<u>RS02-</u> <u>08</u>	Relocate 150 metres of the Green Level Dyke, just east of Mulberry Way, into a new channel to enable the creation of a new Link Road. This will entail the loss of vegetation on one side of the ditch, and a restricted buffer zone. To mitigate these losses, restore natural banks and undertake desilting and Japanese knotweed control on 190 metres of the Green Level Dyke immediately west of the relocated section, and create associated wetland including an off-channel pond to act as a sustainable urban drainage system for the new road.	31/05/2010 - 31/03/2011	Bexley London Borough Council, Environment Agency	Completed	
RS02- 09	Install flow deflectors in the River Cray at Hall Place to increase flow and oxygenation and provide improved gravel habitats for invertebrates and spawning fish.	01/03/2010 - 30/06/2010	Thames21, Environment Agency	Completed	
RS02- 10	Undertake desiliting of a 700 metre section of the Picardy Ditch between Anderson Way and Picardy manorway to improve flow and wildlife habitat.	01/03/2010 - 30/04/2010	Bexley London Borough Council, Environment Agency	Completed	
RS02- 11	Undertake desilting of the central channel of the Horsehead Dyke along Anderson Way in Belvedere, along with clearance of bramble and other scrub from the banks, for a length of 435m. This will improve flow and improve habitat for water voles and other wildlife.	01/10/2010 - 31/12/2010	Environment Agency, Bexley London Borough Council	Completed	
RS02- 12	Complete a programme of eradication of Japanese knotweed and giant hogweed, started in 2009, alongside the Cray and Wantsunt to the west of Maiden Lane, as part of the redevelopment of the former	01/01/2010 - 31/12/2011	Bexley London Borough Council	Underway (on schedule)	

	Samas Roneo site. This will remove invasive species from 225 metres of the south bank of the Cray and 225 metres, mostly on the north bank, of the Wantsunt.				
RS03- 01	Produce a Restoration Action Plan for the River Shuttle	01/04/2010 - 30/09/2010	Bexley London Borough Council	Underway (on schedule)	
RS03- 02	Seek funding for delivery of priority actions arising from the River Shuttle Restoration Plan	01/10/2010 - 31/03/2011	Bexley London Borough Council	Not started	
<u>WV01-</u> <u>01</u>	Seek a solution to the persistent fly tipping in the ditches along Wallhouse Road on Crayford Marshes, which currently threatens the water vole population in these ditches.	24/09/2010 - 21/12/2011	Bexley London Borough Council, Environment Agency	Underway (on schedule)	
<u>WV01-</u> <u>02</u>	Undertake regular surveys for mink along the River Cray using rafts and traps	01/01/2010 - 31/12/2015	Thames21, Environment Agency	Abandoned	

Stag Beetle Species Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

The stag beetle, Britain's largest beetle, is scarce and declining, and is protected under the European Union's Habitats Directive. South-east London, including Bexley, still supports strong populations of this spectacular insect, which is a common sight in the borough's parks and gardens in summer. We want to ensure that Bexley remains a stronghold for the stag beetle in the future.

Target	s				
Code	Text	Status	Assessment date	Latest progress report	
<u>SB01</u>	Provide additional dead wood habitat, such a logpiles, buried dead wood and standing dead wood, on at least 30 sites by 2015	Some progress (on schedule)	10/12/2010	Dead wood habitats have been created in at least 5 sites in 2010	

Actions	Actions							
Code	Text	Start/End date	Contacts (lead shown bold)	Status				
<u>PO03-</u> <u>03</u>	Undertake enhancements to the nature area at East Wickham Primary School, including creation of a pond and 4 square metres of wildflower meadow and istallation of 2 logpiles and an "insect hotel".	25/08/2010 - 17/09/2010	North West Kent Countryside Partnership, Bexley London Borough Council	Completed				
<u>SB01-</u> <u>01</u>	Place 200 metres of logs around edges of meadow areas at East Wickham Open Space, to delineate the meadow areas and provide dead wood habitat	01/01/2010 - 30/06/2010	Bexley London Borough Council	Completed				
<u>SB01-</u> <u>02</u>	Retain dead wood within woodlands in the Council's open spaces to provide habitat for stag beetles and other invertebrates. This can be standing dead wood, buried dead wood or log piles.	01/01/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)				
<u>SB01-</u> 03	Leave all felled tree stumps in situ when trees are removed in the Council's parks and open spaces (other than woodland), unless in a formal area or too small to be easily avoided by grass cutting equipment. Where possioble, large dead trees are delimbed and the tunks left standing.	01/01/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)				
<u>SB01-</u> <u>04</u>	Install a logpile, and insect hotel and 4 bat boxes at Sherwood Park Primary School.	01/08/2010 - 30/09/2010	North West Kent Countryside Partnership, Bexley London Borough Council	Completed				

<u>SB01-</u> <u>05</u>	Install untreated logs as seats which also provide dead wood habitat in the meadow area at Crossway Park	01/01/2010 - 30/06/2010	Gallions Housing Association	Completed	
<u>WO03-</u> <u>05</u>	Remove dead and dying hybrid poplars and plant 9900 square metres of mixed deciduous woodland and 1400 square metres of wet woodland in Woodland Way as the first stage of replacing the poplar plantation with native woodland. The planting will include 75 native black poplars. Large trunks and stumps from the felled poplars to be left on site where appropriate as dead wood habitat and to block access for motor bikes.	01/02/2010 - 28/02/2010	Tilfen Land	Completed	

Water Vole Species Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Immortalised by author Kenneth Graeme as "Ratty" in 'The Wind in the Willows', the water vole is one of Britain's best-loved mammals. Once common and widespread, it is now rare and threatened with extinction, largely due to predation by introduced mink. The water vole is now a protected species. Bexley still has strong populations of water voles in its marshes and rivers. We aim to protect our water voles and their habitat, and create new habitats to allow the population to expand.

Targets	s				
Code	Text	Status	Assessment date	Latest progress report	
WV01	To protect and manage all ditches, rivers, other water bodies and reed beds within the current range of water voles in the borough to ensure there is no loss or deterioration in quality of water vole habitat	Some progress (on schedule)	10/12/2010	No loss of water vole habitat has been reported during 2010.	
<u>WV02</u>	Create 0.5 kilometres of new drainage ditches and enhance 2 kilometres of ditches currently unsuitable for water voles, and create 5 new ponds (or restore ponds currently unsuitable for water voles) and 1.5 ha of new reed beds within the current range of water voles in the borough, to allow the population of water voles to increase within its current range. At least one new pond and 300 metres of new ditches will be delivered through new development.	Some progress (on schedule)	10/12/2010	Within the current range of water voles, 1.8 kilometres of ditch have been enhanced, 177 metres of new ditches have been created and one pond has been significantly enlarged. 1.22 heactares of new reed bed has been planted with 3 associated lagoons, which will provide water vole habitat from 2011 if the reeds establish.	
<u>WV03</u>	To enable water voles to spread into the waterways and wetlands in the north-west of the borough, through habitat enhancement and improved connectivity	No progress	10/12/2010	Funding is being sought for implementation of the Thamesmead Canals masterplan which, once implemented, would allow for spread of water voles into the canals.	

Actions	Actions							
Code	Text	Start/End date	Contacts (lead shown bold)	Status				
<u>GM01-</u> <u>01</u>	Produce a revised management plan for Crossness Nature Reserve and Crossness Southern Marsh to include a 5-year work programme	01/05/2010 - 31/03/2011	Thames Water	Underway (on schedule)				
<u>GM03-</u>	Restore two sections of ditch (totalling 160	01/09/2010	Thames Water	Completed				

<u>01</u>	metres) at Crossness LNR currently in very poor condition, including desilting and reprofiling	- 31/10/2010			
<u>GM03-</u> <u>02</u>	Restore the Belvedere Road Path Ditch, which runs between Crossness Southern Marsh and Southmere Park, including desilting, deepening, reprofiling and planting reeds.	01/05/2010 - 31/08/2010	Bexley London Borough Council	Completed	
<u>GM04-</u> <u>01</u>	Create two new ditches (total length 177 metres) at Crossness LNR	01/09/2010 - 31/10/2010	Thames Water	Completed	—
PO02- 01	Enlarge the seasonal pond at the western end of Crossness Southern Marsh	01/09/2010 - 31/10/2010	Thames Water	Completed	
<u>RB01-</u> <u>01</u>	Manage reed beds at Crossness Local Nature Reserve and Crossness Southern Marsh to retain a good structure and prevent succession to scrub.	01/01/2010 - ongoing	Thames Water	Underway (on schedule)	
<u>RB01-</u> <u>02</u>	Maintain at least the current extent of reed at Thames Road Wetland by pulling reedmace around the exisiting patches of reed.	01/01/2010 - ongoing	- INDIVIDUALS -, Thames21	Underway (on schedule)	
RB02- 01	Create a new reed bed of 1.22 ha with 3 associated lagoons at Crossness LNR	14/06/2010 - 31/12/2011	Thames Water	Underway (on schedule)	
RB02- 02	Create new reed beds in the margins of Southmere Lake	01/04/2011 - 31/03/2012	Environment Agency	Underway (on schedule)	
RS01- 05	Undertake appropriate seasonal vegetation management along the River Cray and its banks as park of the Cray Riverkeepers project	01/01/2010 - ongoing	Thames21, Bexley London Borough Council, Environment Agency	Underway (on schedule)	
RS01- 07	Produce a management plan for all the ditch enhancements and other improvement works undertaken through the Belvedere Green Links project, to be agreed by all landowners, to ensure the enhancements are maintained in future.	01/06/2010 - 31/03/2011	Bexley London Borough Council, Environment Agency	Underway (behind schedule)	
RS02- 02	Seek funding for implementation of the Thamesmead Canals Masterplan, which includes control of invasive species in the Thamesmead Canals; habitat enhancement and marginal planting in the Thamesmead Canals; and reed bed creation in Southmere Lake	13/07/2010 - 31/03/2011	Environment Agency, Bexley London Borough Council	Underway (behind schedule)	
RS02- 07	Undertake desilting and reprofiling of a 230 metre section of the Picardy Ditch beside Station Road, to improve flow and wildlife habitat, especially for water voles.	01/06/2010 - 31/07/2010	Bexley London Borough Council, Environment Agency	Completed	
RS02- 08	Relocate 150 metres of the Green Level Dyke, just east of Mulberry Way, into a new channel to enable the creation of a	31/05/2010 - 31/03/2011	Bexley London Borough	Completed	—

	new Link Road. This will entail the loss of vegetation on one side of the ditch, and a restricted buffer zone. To mitigate these losses, restore natural banks and undertake desilting and Japanese knotweed control on 190 metres of the Green Level Dyke immediately west of the relocated section, and create associated wetland including an off-channel pond to act as a sustainable urban drainage system for the new road.		Council, Environment Agency		
RS02- 10	Undertake desiliting of a 700 metre section of the Picardy Ditch between Anderson Way and Picardy manorway to improve flow and wildlife habitat.	01/03/2010 - 30/04/2010	Bexley London Borough Council, Environment Agency	Completed	
RS02- 11	Undertake desilting of the central channel of the Horsehead Dyke along Anderson Way in Belvedere, along with clearance of bramble and other scrub from the banks, for a length of 435m. This will improve flow and improve habitat for water voles and other wildlife.	01/10/2010 - 31/12/2010	Environment Agency, Bexley London Borough Council	Completed	
RS02- 12	Complete a programme of eradication of Japanese knotweed and giant hogweed, started in 2009, alongside the Cray and Wantsunt to the west of Maiden Lane, as part of the redevelopment of the former Samas Roneo site. This will remove invasive species from 225 metres of the south bank of the Cray and 225 metres, mostly on the north bank, of the Wantsunt.	01/01/2010 - 31/12/2011	Bexley London Borough Council	Underway (on schedule)	
RS03- 01	Produce a Restoration Action Plan for the River Shuttle	01/04/2010 - 30/09/2010	Bexley London Borough Council	Underway (on schedule)	
RS03- 02	Seek funding for delivery of priority actions arising from the River Shuttle Restoration Plan	01/10/2010 - 31/03/2011	Bexley London Borough Council	Not started	
<u>WV01-</u> <u>01</u>	Seek a solution to the persistent fly tipping in the ditches along Wallhouse Road on Crayford Marshes, which currently threatens the water vole population in these ditches.	24/09/2010 - 21/12/2011	Bexley London Borough Council, Environment Agency	Underway (on schedule)	
<u>WV01-</u> <u>02</u>	Undertake regular surveys for mink along the River Cray using rafts and traps	01/01/2010 - 31/12/2015	Thames21, Environment Agency	Abandoned	
<u>WV02-</u> <u>01</u>	Carry out desilting and reprofiling of a 120 metre section of ditch on the eastern edge of the B&Q site in Belvedere, to maintain flow of water and enhance habitat for water voles and other wildlife.	01/03/2010 - 30/04/2010	Bexley London Borough Council, Environment Agency	Completed	
<u>WV02-</u> <u>02</u>	Undertake habitat enhancements, including desilting, reprofiling, Japanese knotweed control and removal of asbestos,	31/08/2010 - 30/11/2010	Bexley London Borough	Not started	

	to a 170 metre section of ditch between the end of Crabtree Manorway North and the Thames path.		Council, Environment Agency		
<u>WV02-</u> <u>03</u>	Undertake desilting of a 230 metre section of ditch on the north edge of the B&Q site in Belvedere, to improve flow and habitat quality.	01/03/2010 - 30/04/2010	Bexley London Borough Council, Environment Agency	Completed	
<u>WV02-</u> <u>04</u>	Undertake clearance of a 30 metre section of ditch beside Mitchell Close, Belvedere to improve flow and habitat quality.	01/10/2010 - 31/01/2011	Bexley London Borough Council, Environment Agency	Completed	

Woodland Habitat Action Plan 2010-2015

Plan status: Implementation underway

Vision statement

Woodlands are wonderful places for people and wildlife. We want to protect Bexley's woods, manage them to maximise their value to wildlife and to local people, and create new woodlands to increase the woodland resource for future generations.

Targets	•				
Code	Text	Status	Assessment date	Latest progress report	
<u>WO01</u>	To protect and manage Bexley's woodlands to at least maintain their value for wildlife and people	Some progress (on schedule)	10/12/2010	No losses of woodland have been reported in 2010, and at least 6 woods were actively managed for nature cosnervation	
<u>WO02</u>	To protect and manage Bexley's wet woodland to at least maintain its wildlife value	Some progress (on schedule)	10/12/2010	No losses of wet woodland were reported in 2010 and at least 2 woods were actively managed for anture conservation	
<u>WO03</u>	To plant 7 hectares of new woodland by 2015	Some progress (on schedule)	10/12/2010	Just over 1.2 hectares of new mixed deciduous woodland has been planted in 2010, with a further 2750 square metres planned for winter 2010/11	
WO04	To create 0.6 hectares of new wet woodland by 2015	Some progress (on schedule)	09/12/2010	1900 square metres of wet woodland was planted in the early part of 2010 (1400 square metres in Woodland Way and 500 square metres at Hollyoak Wood. A further 1500 square metres is planned at Hollyoak Wood and 2000 square metres in Marlborough Park for winter 2010/11.	
<u>WO05</u>	Restore 2.8 hectares of ancient woodland, currently dominated by conifers, to semi- natural woodland through removal of conifers by 2015	No progress	01/04/2011	Work to restore 2.8 hectares of Joyden's Wood, currently dominated by conifers, is in the Woodland Trust's work programme for 2011-2016.	

Actions	Actions						
Code	Text	Start/End date	Contacts (lead shown bold)	Status			
<u>PA01-</u> <u>07</u>	Identify and map veteran trees in the Council's open spaces and ensure these are protected and managed appropriately to prolong their lifespan and maximise their biodiversity value.	01/03/2011 - 30/06/2011	Bexley London Borough Council	Underway (on schedule)			

<u>SB01-</u> <u>02</u>	Retain dead wood within woodlands in the Council's open spaces to provide habitat for stag beetles and other invertebrates. This can be standing dead wood, buried dead wood or log piles.	01/01/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>01</u>	Coppice selected parts of woodlands within the Council's open spaces on an appropriate cycle	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
<u>WO01-</u> <u>02</u>	Control invasive non-native species, including sycamore where appropriate, in woods within the Council's open spaces	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>03</u>	Control bramble where appropriate in woodland within the Council's open spaces to promote a diverse woodland ground flora	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>WO01-</u> <u>04</u>	Plant native tree and shrub species of local provenence where appropriate within woods in the Council's open spaces to diversify the understorey and canopy	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>05</u>	Thin trees where appropriate in woodland within the Council's open spaces to promote good woodland structure	01/01/2010 - ongoing	Bexley London Borough Council	Not started (for this period)	
<u>WO01-</u> <u>06</u>	Manage paths and rides in woodland within the Council's open spaces to promote controlled recreational use of the woods	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	_
<u>WO01-</u> <u>07</u>	Erect and maintain fencing beside paths and bridleways in woods within the Council's open spaces where appropriate in order to keep people, dogs and horses away from sensitive areas	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation Volunteers	Underway (on schedule)	
<u>WO01-</u> <u>08</u>	Produce a management plan for Bexley Park Wood	01/01/2010 - 31/12/2010	Bexley London Borough Council	Underway (behind schedule)	
<u>WO01-</u> <u>09</u>	Create new rides and glades in woodlands within the Council's open spaces where appropriate, to provide inproved habitat for ground flora, invertebrates and bats	01/01/2010 - 31/12/2015	Bexley London Borough Council	Underway (on schedule)	
<u>WO01-</u> <u>10</u>	Produce a revised management plan for Lesnes Abbey Wood	01/04/2011 - 31/03/2013	Bexley London Borough Council	Not started	
<u>WO01-</u> <u>11</u>	Control bramble and other vegetation in and around the colony of wild daffodils in Lesnes Abbey Wood (the only native population in London) to ensure their survival and encourage their spread	01/01/2010 - ongoing	Bexley London Borough Council, Lesnes Abbey Conservation	Underway (on schedule)	

			Volunteers		
<u>WO01-</u> <u>12</u>	Where woodlands in the Council's open spaces border more open habitats, such as Shenstone Park, ensure where possible that the edges are managed as gradual transition zones rather than vertical edges.	01/04/2011 - ongoing	Bexley London Borough Council	Not started	
<u>WO01-</u> <u>13</u>	Widen some of the main rides in Gattons Plantation by selective scalloping, to provide improved feeding habitat for bats and invertebrates.	01/10/2011 - 31/12/2015	Woodland Trust	Not started	
<u>WO02-</u> <u>01</u>	Coppice selected parts of wet woodland within the Council's open spaces on an appropriate cycle	01/01/2010 - ongoing	Bexley London Borough Council	Underway (behind schedule)	
<u>WO02-</u> <u>02</u>	Control invasive non-native species, including sycamore, in wet woodland within the Council's open spaces	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO02-</u> <u>03</u>	Control bramble where appropriate in wet woodland within the Council's open spaces to promote a diverse ground flora	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO02-</u> <u>04</u>	Plant native tree and shrub species where appropriate in wet woodland within the Council's open spaces to diversify the understorey and canopy	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	
<u>WO02-</u> <u>05</u>	Manage paths and rides in wet woodland within the Council's open spaces to promote controlled public access to and enjoyment of the woods.	01/01/2010 - ongoing	Bexley London Borough Council	Underway (on schedule)	_
<u>WO03-</u> <u>01</u>	Plant 1 hectare of new native woodland in Danson Park.	01/01/2010 - 30/04/2010	Bexley London Borough Council	Completed	_
<u>WO03-</u> <u>02</u>	Plant 0.5 hectares of new native woodland in Foots Cray Recreation Ground	01/02/2010 - 31/03/2010	Bexley London Borough Council	Completed	
<u>WO03-</u> <u>03</u>	Plant native trees of local provenance around the edges of North Cray Wood to expand the extent of woodland by 0.4 ha.	01/01/2010 - 31/03/2011	Bexley London Borough Council	Completed	
<u>WO03-</u> <u>04</u>	Plant 0.4 hectares of new native woodland, half of it wet woodland, beside the River Shuttle in Marlborough Park.	01/11/2010 - 31/03/2012	Bexley London Borough Council	Underway (on schedule)	
WO03- 05	Remove dead and dying hybrid poplars and plant 9900 square metres of mixed deciduous woodland and 1400 square metres of wet woodland in Woodland Way as the first stage of replacing the poplar plantation with native woodland. The planting will include 75 native black poplars. Large trunks and stumps from the felled poplars to be left on site where appropriate as dead wood habitat and to	01/02/2010 - 28/02/2010	Tilfen Land	Completed	

	block access for motor bikes.				
<u>WO03-</u> <u>06</u>	Remove old hybrid poplars and replace with 6000 square metres of new mixed decidous woodland as the second of three phases to replace the poplar plantation at Woodland Way with native woodland.	01/11/2014 - 31/03/2015	Tilfen Land	Not started	
<u>WO03-</u> <u>07</u>	Create a total of 1.1 hectares of new native woodland in Foots Cray Meadows, mostly in the south-east of the site to screen the adjacent industrial estate.	01/10/2010 - 31/03/2011	Bexley London Borough Council	Completed	—
<u>WO04-</u> <u>01</u>	Plant native whips of local provenance, mostly alder, around the edges of Hollyoak Wood, to increase its extent by 0.2 hectares.	01/01/2010 - 31/03/2011	Bexley London Borough Council	Underway (behind schedule)	—
<u>WO05-</u> <u>01</u>	Selectively remove conifers from two sections of the Bexley part of Joyden's Wood, totalling 2.8 hectares, to restore this to semi-natural woodland.	01/10/2011 - 31/12/2015	Woodland Trust	Not started	

