

APPENDIX 1

Progress report of the targets from each Habitat and Species Action Plan which have been delivered for 2015

G (Green) = Target completed; A (Amber) = Target underway/ongoing

R (Red) = Target not completed; Blank = Target date not started

Buildings & Structures Targets	Target Date	Action 2015	Status
Secure or create nesting habitat for kittiwakes along the River Tyne to enable existing colonies to expand or move.	2016	Meetings held with Quayside business partnership and NE1 to discuss relocating kittiwakes onto a purpose built structure.	A
Ensure existing kittiwake sites are protected	Ongoing	Proposal to install netting, spikes and avishock system on kittiwakes has been refused in Newcastle.	G
Incorporate 1 new green roof into new developments in both Newcastle & North Tyneside.	2014	This target was completed in 2014 however the following additional projects were implemented in 2015 North Tyneside: Living wall being constructed at Next, Silverlink Business Park Newcastle: 360sqm of Green roof on Tesco Express in Science Central, Barrack Rd. Living wall at M&S, Northumberland St.	G
Request nesting/roosting features on all new and renovated developments requiring ecological consultation.	Ongoing	North Tyneside: 15 bird bricks, 19 bat slates, 83 bird boxes, 37 bat boxes all secured through planning for various sites. E.G. Darsey Park, Annitsford Farm, Travel Lodge Newcastle: Bat boxes – 5 Throckley School, 4 walker Park, 1 Ouseburn Rd, 7 Newcastle Church School, 24 Brenkley opencast, 50 Richardson Road Nest boxes – 4 Throckley School, 4 Walker Park, 12 Former Walker College, 2 Ouseburn Rd, 10 Brenkley	G

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		Opencast.	
All information acquired on nesting/roosting sites for protected species will be submitted to ERIC.	Ongoing	Data submitted to record centre on annual basis.	G
Encourage public to submit sightings of swifts at roof level to the National Swift Inventory.	Ongoing	Project collaboration between RSPB, NTC and NCC. Swift guidance leaflet produced which is on Council website	G

Estuary & Coastal Habitat	Target Date	Action 2015	Status
Ensure no net loss of mudflats and saltmarsh, other than by natural processes.	Annually	No net loss reported. Local Wildlife Sites review underway.	G
Designate River Tyne corridor as Local Wildlife Site.	2015	Site designated by Local Site Partnership March 2013.	G
Create two high tide wader roost sites and manage existing roost sites appropriately.	2016	Grazing project at St Mary's wetlands and scrub removal by conservation group.	A
Maintain inventory of WeBS data annually.	Ongoing	WeBS counts undertaken annually by NTBC and inventory of data stored.	G
Investigate funding opportunities for interpretation panels along 4 locations on the River Tyne and the coast.	2015	Interpretation boards requested as part of Newcastle Heliport residential application. Decision pending	A
Create or restore up to 0.5ha of saltmarsh habitat.	2020	Two floating habitat rafts created at Lemington Gut in Newcastle City Council Two floating habitat rafts created at Willington Gut in North Tyneside.	A
Plant 15000 dune grasses over 3 years to regenerate extended dune system at Tynemouth Longsands.	2012-15	New sand dunes created at the Haven and planted up with dune grasses.	G
Access improvements incorporated along the Tynemouth Longsands coastal strip to aid dune regeneration.	2012-15	Natural England are currently reviewing coastal access in North Tyneside	G

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Investigate potential for a coastal heritage trail along the North Tyneside coastline.	2015	No progress at present	R
Create new priority habitats at St Mary's headland.	2015	New grassland area created through grazing and scrub management	A
Promote the importance of coastal waders through publicity material and events.	Ongoing	Promotion events/materials undertaken by RSPB and NTBC	A
Minimise disturbance to wintering waders along the coast and estuary by encouraging sensitive usage.	Ongoing	Interpretation panels in sensitive areas. Appropriately sited access/footpaths & management to minimise disturbance to sensitive habitats. Any works planned in these areas are appropriately mitigated e.g. planning applications.	G

Brownfield Land Targets	Target Date	Action 2015	Status
Create habitats along Hadrian's Way to enhance current brownfield land and link up fragmented habitat.	2015	Plans finalised to create new habitat as part Fisher Street site in Newcastle. Joint Newcastle and North Tyneside B-Lines project being investigated with Buglife. Project will create new and enhance existing habitats along Hadrian's Way.	A
Create/renew management plans for all brownfield land designated as local wildlife sites.	2015	Local Wildlife Sites review is presently being carried out and will include management recommendations for each site.	A
Identify new brownfield sites that could be designated as local wildlife sites (LWS).	Ongoing	Local Wildlife Sites review is presently being carried out and will identify any new sites.	G
Undertake one brownfield site management project annually.	2012-2021	Butterfly Conservation carrying out annual management at Paradise LWS (Newcastle). Fisher Street project in	G

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		<p>Newcastle will create invertebrate habitat on old tar works site.</p> <p>West Chirton Industrial Estate management plan for dingy skipper secured through planning.</p>
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Transport Corridor Targets	Target Date	Action 2015	Status
Produce roadside verge management strategy in partnership with Grounds Maintenance.	2015	<p>23,000sqm of wildflower grassland created or enhanced along verges, amenity and greenspace areas in North Tyneside.</p> <p>Scotswood Road wildlife roadside embankment verge managed for biodiversity.</p> <p>Grassland verges on Coast Road enhanced for biodiversity in Newcastle.</p>	A
Ensure the installation of appropriate wildlife warning signs or wildlife underpasses/bridges in areas where road kills are considered to be negatively impacting on priority species.	Ongoing	<p>Undertaken on all appropriate planning applications.</p> <p>Details of badger and otter crossing beneath the A189 as part of Whitehouse Farm Housing Scheme have been finalised and implemented.</p> <p>Great crested newt tunnels conditioned at Scaffold Hill development.</p> <p>Wildlife crossings have been raised as issues on Newcastle's Strategic Land Review sites.</p>	G
Incorporate wildlife tunnels or other features in development schemes where road kills are an issue.	Ongoing	All planning applications where appropriate – see above.	G

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Include oil/silt traps in the design of new road schemes adjacent to sensitive wetland sites & watercourses.	Ongoing	All planning applications where appropriate.	G
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Open Water & Wetland Targets	Target Date	Action 2015	Status
Create 20 new ponds of conservation value in appropriate areas with emphasis on providing stepping stones between existing ponds of wildlife value.	2021	<p>Targeted completed. Additional projects undertaken in 2015 include:-</p> <p>Wetland created at Rising Sun Farm. Wetland design approved for Murton flood alleviation scheme.</p> <p>15 new ponds created at Brenkley Opencast site in Newcastle.</p>	G
Undertake management that will enhance the biodiversity value of 20 ponds.	2021	<p>Targeted completed. Additional projects undertaken in 2015 include:-</p> <p>Grazing project at St Mary's Wetlands.</p> <p>Invasive species (Himalayan Balsam) management of lake in Wallsend Park. Lake enhanced with wetland species planting.</p> <p>Seven Mile Ponds have undergone clearance works to provide open water areas and over-hanging tree removal.</p>	G
Assess the status of invasive, non-native species in the ponds and lakes and implement a strategy for their eradication or control.	2015	<p>Grazing project at St Mary's Wetlands is intended to help control the <i>Crassula helmsii</i> problem. The control of this aquatic plant is also included within the management plan for the site.</p> <p>Invasive species (Himalayan Balsam) management of lake</p>	A

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		and stream in Wallsend Park. Newcastle Rangers and volunteers have carried out work on invasive species in the Ouseburn Parks.	
Investigate installation of common tern rafts in appropriate locations.	2015	Tern raft installed at Royal Quays Marina.	G
Reedbed			
Create 1 ha of new reedbed habitat.	2015	Reedbeds proposed for Murton flood alleviation scheme. New reed beds are being planted up at Brenkley Opencast site. Reedbeds created at Brunton Park alleviation scheme.	G
Maintain and improve reedbeds in Gosforth Park and Weetslade Country Park.	2020	Reedbeds continue to be managed by NHSN & Northumberland Wildlife Trust	G
Fen & Mire			
Improve the condition of lowland raised mire at Prestwick Carr.	2015	Northumberland Wildlife Trust are managing Prestwick Carr and have created a management plan.	G
Improve the condition and increase extent of Sacred Heart Fen and Dinnington Road Fen	2015	Management Plan for Sacred Heart Fen as part of the Bellway Housing Scheme to maintain, improve and increase habitat on the site. Ongoing Project. Management works, following the management plan have been completed at Dinnington Fen.	A
General Open Water and Wetland			
Record rare plant species listed by the botanical Society of British Isles www.bsbi.org.uk	Ongoing	No rare plant records to submit	G

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River & Watercourse Targets	Target Date	Action 2015	Status
<p>Raise awareness of non-native invasive species along watercourses and encourage their control.</p>	<p>Ongoing</p>	<p>Advice provided on all planning applications and to Council departments or projects as required.</p> <p>Invasive species (Himalayan Balsam) management of lake and stream in Wallsend Park.</p> <p>Newcastle Rangers and volunteers have carried out work on invasive species in the Ouseburn Parks.</p>	<p>G</p>
<p>Map non-native invasive species along 10km of watercourse in Newcastle and North Tyneside.</p>	<p>2021</p>	<p>Japanese Knotweed mapped along watercourse locations as part of on-going mapping exercise.</p>	<p>A</p>
<p>Promote the maintenance of riparian buffer strips with a minimum width of 2 m along watercourses to improve habitat for wildlife.</p>	<p>Ongoing</p>	<p>Grounds Maintenance Teams in North Tyneside and Newcastle advised to leave uncut buffer strips adjacent to watercourses.</p>	<p>G</p>
<p>Ensure that any developments affecting streamside habitats and associated wildlife are not permitted without appropriate and enforceable mitigation or compensation. In addition, no development should take place within 5m of any watercourse.</p>	<p>Ongoing</p>	<p>Implemented for all planning applications e.g. Backworth Housing scheme</p> <p>Included in masterplans for Strategic Land Review sites in Newcastle.</p>	<p>G</p>
<p>Deliver riparian improvements that will benefit wildlife along a minimum of 5km of watercourse.</p>	<p>2021</p>	<p>Wallsend Burn watercourse planted up with aquatic plants in Hall grounds to improve riparian habitat.</p> <p>Improvements planned for the Seaton Burn at Wideopen</p> <p>Ouseburn River Restoration Project Feasibility Report includes these aims within its proposed projects. This is a partnership project between Newcastle, North Tyneside, Environment Agency, Northumbrian Water and</p>	<p>G</p>

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		<p>Groundwork.</p> <p>Newcastle Rangers and volunteers have carried out work on invasive species in the Ouseburn Parks.</p> <p>Riparian and watercourse improvements have been incorporated into the masterplans for all the strategic Land Review Sites which have watercourses within their boundaries.</p>	
Incorporation of sustainable drainage systems on appropriate schemes to aid in the minimisation of high flows and pollution from surface water.	Ongoing	<p>Flood alleviation schemes at Murton, SuDS scheme at Longbenton College, SuDS ponds at Scaffold Hill.</p> <p>Advice provided on SuDS schemes on all new Green Belt release sites in Newcastle.</p> <p>SuDS Scheme secured through planning conditions at Dinnington North site.</p> <p>New flood Management Plan produced for Newcastle.</p>	G
Ensure there is no net loss of watercourses to culverting through planning or engineering works	Ongoing	<p>All appropriate planning applications</p> <p>Ongoing advice for Newcastle's SLR sites.</p>	G

Managed Urban Greenspace Targets	Target Date	Action 2015	Status
Implement targets in Council's Allotment Strategy.	Annually	Biodiversity targets/initiatives being undertaken annually (see below)	G
2 allotment sites per year to incorporate areas of native hedging or wildlife habitat.	Annually	Beach Road and Wiltshire Drive allotments.	G
Increase allotment entries into North Tyneside in Bloom (NTIB) competition.	Annually	Allotment site entries increased from 5 in 2014 to 6 in 2015.	G

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Parks & Gardens Targets			
<p>Encourage wildlife friendly gardening through media articles, websites, events and printed material.</p>	<p>Ongoing</p>	<p>Biodiversity events carried out throughout the year in Brierdene including growing & planting wildflower plugs with schools, tree planting and bulb planting.</p> <p>Planting events carried out in Wallsend Parks and Northumberland Park (e.g Medieval garden by gardening club)</p> <p>Duke of Edinburgh awards works carried out in Brierdene with local schools/ groups.</p> <p>20 schools in North Tyneside provided with wildflower seed and guidance.</p> <p>Bee leaflet designed.</p> <p>Pictorial Meadows project carried out in Newcastle with 16 Schools.</p> <p>Friends of Gosforth Central Park have created a wildlife garden within the park.</p> <p>Kenton Park Sports Centre have successfully gained 5k of funding to create a wildlife garden.</p> <p>All leaflets are available on Councils' websites - Wildlife at Work, Churchyards, Urban meadows.</p> <p>Buzz Word Newsletter produced as part of Newcastle's Bee Strategy.</p>	<p>G</p>

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<p>Liaise with Eco/Enviro Schools to establish 3 wildlife projects with schools annually.</p>	<p>Annually</p>	<p>Bee Project carried out with Friends of the Earth in 13 primary schools in North Tyneside.</p> <p>7 events carried out in Brierdene with local schools.</p> <p>Duke of Edinburgh awards works carried out in Brierdene with local schools/ groups every month.</p> <p>Pictorial Meadows project carried out in Newcastle with 16 Schools.</p>	<p>G</p>
<p>Liaise with local businesses to establish 1 wildlife project annually.</p>	<p>Annually</p>	<p>Conservation Day at Brierdene with EE Telecommunications.</p> <p>The AA, Vodaphone and Natural England worked with Newcastle's Rangers to carry out management works in Denton Dene LWS.</p> <p>Department of Transport staff carried out improvements to Hodgkin Park Dene</p> <p>Northumbria Water's Just an Hour project carried out works to Sugley Dene LWS with Newcastle's Rangers.</p> <p>Two teams from Interserve were involved in a big clean up of the river Ouseburn.</p> <p>Dept of Work and Pensions team carried out footpath maintenance projects at Paddy Freeman's Park</p> <p>Virgin money staff carried out management works to areas of Hadrian's Way.</p>	<p>G</p>

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		Environment Days carried out with the following businesses at Leazes Park – DWP, DVSA, Virgin Money, McDonalds, NHS, Newcastle University staff.	
Liaise with Council departments to promote wildlife friendly gardening in parks and create at least one wildlife area annually.	Annually	In North Tyneside, wildlife areas created in Wallsend Parks, Northumberland Park, Marden Quarry and Killingworth Lake Park. Newcastle – Leazes Park, Iris Brickfield, Walker Park, Jesmond Dene, Newburn Country Park, Sugley Dene, Denton Dene, Hodgkin Park, Kingston Park Green, Spital Tongues triangle, Gosforth Central Park, Walbottle Brickworks, Summerhill Park, Jesmond Vale, Havannah Nature Reserve, Big Waters.	G
Promote the use of native species in all planting schemes.	Ongoing	Undertaken for all landscaping schemes through planning. Internal council departments and external organisations also advised as appropriate	G
Raise awareness of the importance of Parks and gardens and encourage more sympathetic management.	Ongoing	Leaflets produced and on Councils' websites. Events carried out throughout the parks to promote biodiversity, including planting events, bat & bird walks and bee events. Bee leaflet designed	G
Promote and enhance biodiversity in all park regeneration schemes and ensure that protected species issues are taken into consideration.	Ongoing	19 biodiversity events carried out in Northumberland Park, Marden Quarry and Churchill Playing Fields, including Bee walks with Bee Conservation Trust, Bat Walks and Mini Beast	G

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		<p>Hunts.</p> <p>Biodiversity events carried out throughout the year in Brierdene including growing & planting wildflower plugs with schools, tree and bulb planting, bird, insect and pond dipping surveys.</p> <p>Iris Brickfields, Walker Park, Gosforth Park Central, Hodgkin Park, Exhibition Park and Summerhill Park.</p>	
Native wildlife is considered in the landscaping of open spaces associated with new developments as part of the planning process.	Ongoing	All Planning Applications. Native planting requested and features for wildlife such as bird & bat boxes, ponds and SuDS	G
Churchyards & Cemeteries Targets			
Manage churchyards and cemeteries in a way that will benefit wildlife.	Annually	<p>Whitley Bay, Preston, Earsdon and Benton Cemeteries in North Tyneside are all managed for wildlife.</p> <p>Jesmond & St James' Cemeteries in Newcastle, are all managed for wildlife.</p> <p>'Living Churchyards' leaflet is on both Councils' websites.</p>	G

Native Woodland Targets	Target Date	Action 2015	Status
Maintain current extent of ancient semi-natural woodland.	Ongoing	Current extent maintained in North Tyneside.	G
Maintain current extent of native woodland. Where development may lead to loss of woodland, ensure adequate mitigation or compensation.	Ongoing	No woodland lost through development without securing appropriate mitigation	G
Ensure where possible, that all areas of semi-natural woodlands are managed in a way that will maintain or restore their nature conservation interest.	2021	In North Tyneside: Fish Quay Project, Brierdene, Holywell Dene, Wallsend Parks, Northumberland Park, Marden Quarry, Killingworth Lake Park, Rising Sun Country Park.	G

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		<p>In Newcastle: Jesmond Dene, Denton Dene, Lower Ouseburn, Sugley Dene, Havannah Nature Reserve, Scotswood Road.</p> <p>Management is also being sought for woodlands in and around NGP and SLR sites.</p>	
Create native woodland on 10 new sites.	2015	<p>Woodland planting proposed as part of Backworth housing, Darsley Park, Whitehouse Farm, Scaffold Hill and Station Road planning applications.</p> <p>Tree planting carried out at Wallsend Parks and Northumberland Park.</p> <p>238 trees planted at 36 sites across North Tyneside.</p> <p>Further tree planting carried out at Brenkley Lane, Dinnington. Native woodland also planted at Kenton Lodge, Exhibition Park and Brunton Park.</p> <p>New native woodland areas proposed as part of SLR sites.</p>	A
Increase linkage between fragmented woodland sites by the creation of green corridors on 4 sites.	2021	<p>Proposed sites at Station Road and Backworth Housing site.</p> <p>New native woodland areas proposed as part of SLR sites to provide green links.</p> <p>2.5ha of native woodland secured through S106 agreement, to improve wildlife links with Walbottle Dene and Newburn</p>	A

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Promote the value of native woodland to the public by undertaking 4 events per year.	Annually	<p>Tree planting carried out at Wallsend Parks and Northumberland Park.</p> <p>238 trees planted at 36 sites across the Borough.</p> <p>Newcastle's Rangers have carried out planting events at – Leazes Park, Denton Dene, Jesmond Dene, Sugley Dene, Walker Park, Havannah Nature Reserve.</p>	G
Manage/ replant 3 sites of amenity woodland to native woodland.	2016	<p>Fish Quay Project – plans for Groundwork to work with local community group on this project.</p> <p>Woodland thinning and re-planting works started at Killingworth Lake Park.</p> <p>Hoys Wood at Brenkley is undergoing management to remove non-native species and replace with native woodland.</p>	A

Lowland Grassland Targets	Target Date	Action 2015	Status
Maintain current extent of lowland meadows.	Ongoing	Achieved through current management regimes and mitigation through planning.	G
Identify new lowland meadows sites and map on GIS.	2016	Local Wildlife Sites Review being carried out which will identify any new sites.	A
Designate all qualifying sites as Local Wildlife Sites.	Ongoing	Local Wildlife Sites Review being carried out.	G
Secure favourable management on all species rich grasslands within Local Wildlife Sites.	2021	In North Tyneside, several Local Wildlife Sites have secured management through planning conditions or S106, including:- Eccles Colliery, Tyne Entrance, Killingworth Lake Park, Silverlink Park & Northumberland Park.	G

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		<p>Grazing projects at St. Mary's Wetlands and Silverlink Biodiversity Park.</p> <p>In Newcastle several Local Wildlife Sites have secured future management through planning conditions or S106 – Spreading Fields, Havannah Nature Reserve, Walker Station, Prestwick Carr</p>	
<p>Create or restore 10ha of lowland species rich grassland.</p>	<p>2021</p>	<p>This target has now been completed, however, additional projects in 2015/16 include:-</p> <p>23,000sqm of wildflower grassland created on amenity, green space and roadside verge sites in North Tyneside.</p> <p>Species rich grassland secured through the Backworth Housing, Darsley Park and Station Road planning applications.</p> <p>Wildflower meadow areas created at Battle Hill and approximately 1ha sown in Brierdene.</p> <p>St Mary's Wetland grazing project aimed at restoring species rich grassland on this site.</p> <p>A further 4.3 ha species rich pasture has been sown at Brenkley lane, Dinnington. This makes a total of over 20 ha.</p>	<p>A</p>

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Scrub, Shrub & Hedgerow Targets	Target Date	Action 2015	Status
Create 10 ha of new native scrub/shrub.	2021	<p>Large areas of scrub habitat have been secured through Planning as part of the following landscape schemes:-Backworth Housing Site, Darsley Park, Station Road.</p> <p>2 ha of new native planting secured at Throckley South Development site.</p> <p>Large areas of new scrub planting are to be created on NGP and within the SLR sites. This will be secured through appropriate conditions.</p>	G
Create 5000 linear metres of native species rich hedgerow.	2021	<p>Targeted completed. Additional projects:-</p> <p>Hedgerows secured through planning as part of the following landscape schemes:- Backworth Housing Site, Darsley Park, Station Road.</p> <p>1200 linear metres of hedgerow planted at Mares Close Biodiversity Offsetting Site(part of Whitehouse Farm Housing project)</p> <p>1,600m of native hedgerow was planted at Brenkley opencast. In addition 75m of mature hedgerow was translocated.</p>	G
Improve 2000 linear metres of species poor hedgerow.	2021	<p>Hedgerow improvements planned as part of landscape schemes for the following planning applications:- Whitehouse Farm, Station Road.</p> <p>Hedgerow improvements to be carried out at most of the SLR sites. Hedgerow enhancements already secured at Dinnington North site.</p>	A

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Retain existing scrub and hedgerow on development schemes and maximise opportunities for native planting in landscaping schemes.	Ongoing	Undertaken as part of planning	G
Ensure that management of scrub and hedgerow are undertaken at the appropriate times of year to maximise opportunities for wildlife and minimise disturbance.	Ongoing	Undertaken annually by Grounds Maintenance teams. Advice conditioned on all appropriate planning applications.	G

Farmland Bird Targets	Target Date	Action 2015	Status
Promote Agri-Environment options for farmland birds, particularly in targeted areas.	Ongoing	Implemented by Natural England.	A
Create 1000 linear metres of native species rich hedgerow on or adjacent to sites that have the potential or are known to support farmland bird species.	2016	This target has been completed. 1200 linear metres planted on Mares Close Biodiversity Offsetting site. Hedgerows secured as part of landscape schemes for the following planning apps:- Scaffold Hill, Whitehouse Farm, Station Road. 1,600m of native hedgerow was planted at Brenkley opencast. In addition 75m of mature hedgerow was translocated.	G
Improve 1000 linear metres of species poor hedgerow on sites that have the potential or are known to support farmland bird species.	2021	Hedgerow improvements planned as part of landscape schemes for the following planning apps:- Scaffold Hill, Whitehouse Farm, Station Road. Hedgerow improvements to be carried out at most of the SLR sites. Hedgerow enhancements already secured at Dinnington North site.	A

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<p>Ensure that management of scrub and hedgerow on Local Authority land is undertaken at the appropriate times of year to maximise opportunities for wildlife and minimise disturbance.</p>	<p>Ongoing</p>	<p>Grounds Maintenance advised on appropriate cutting times.</p>	<p>G</p>
<p>Continue to monitor the status of farmland birds at specific sites.</p>	<p>Annually</p>	<p>Bird records recorded from planning applications.</p> <p>Breeding Bird surveys carried out on potential development sites in North Tyneside and Newcastle</p> <p>Regular monitoring of bird populations at Newcastle Great Park</p> <p>Breeding Bird Surveys carried out on all SLR site within Newcastle</p>	<p>G</p>
<p>Install nestboxes at 10 new sites for tree sparrow and barn owl.</p>	<p>2015</p>	<p>Murton – 3 tree sparrow nest boxes</p> <p>Brenkley – 1 owl box Throckley School and Ouseburn Rd - 3 sparrow boxes.</p>	<p>A</p>
<p>Increase suitable habitat for ground nesting birds on 10 sites.</p>	<p>2016</p>	<p>Habitat for ground nesting birds secured from the following proposed development schemes:- Scaffold Hill, Backworth Housing Site, Station Road, Whitehouse Farm</p> <p>Large areas of ground nesting bird habitat secured at Mares Close Biodiversity Offsetting site</p> <p>Murton Gap Flood Alleviation Scheme to create habitat for farmland birds.</p> <p>Newcastle – Brenkley Site 4.3ha of grassland created with wetland scrapes for ground nesting birds.</p>	<p>A</p>

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		Offsite mitigation being sought for all SLR sites in Newcastle.	
Retain existing suitable habitat for ground nesting birds.	Ongoing	Undertaken as part of planning. Where it has not been possible to retain habitat then offsite mitigation has been sought on all sites.	G

Bat Targets	Target Date	Action 2015	Status
Collate records on the number and distribution of bat roosts.	2015	All records sent to the Environmental Records Centre North East recorded on their data base and GIS layers.	A
Ensure that every demolition or renovation project provides at least one bat box on the new building.	Annually	<p>North Tyneside: 19 bat slates and 57 bat boxes secured through Planning for various sites such as Darsley Park, Backworth, Annitsford Farm, New York, Seaton Burn and Shiremoor.</p> <p>Newcastle: 5 bat boxes at Throckley School, 4 at walker Park, 1 at Ouseburn Rd, 7 at Newcastle Church School, 24 at Brenkley opencast.</p> <p>At Richardson Rd student accommodation 40 bat boxes, (maternity boxes and hibernation) 10 multi-chambered bat boxes have been installed so far.</p>	G
Erect bat boxes on 5 suitable sites on an annual basis.	Annually	See above.	G
Create 5000 linear metres of foraging/commuting habitat for bats.	2016	Hedgerows secured through planning as part of the following landscape schemes:- Backworth	A

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		<p>Housing Site, Darsley Park, Station Road.</p> <p>1200 linear metres of hedgerow planted at Mares Close Biodiversity Offsetting Site(part of Whitehouse Farm Housing project)</p> <p>1,600m of native hedgerow was planted at Brenkley opencast.</p> <p>5.4 ha of new native woodland planted up at Brenkley Lane, Dinnington.</p> <p>4.5 ha of new native tree and shrub planting secured at Throckley South Development site.</p>	
Produce bat guidance document for planners and developers.	2012	Bat Guidance produced with NCC and put on Council websites.	G
Protect all mature trees and standing deadwood and ensure that if felling or pruning is required, a bat survey is undertaken and appropriate mitigation implemented.	Ongoing	Undertaken through planning. Bat surveys and/or method statements required. Advice given to grounds maintenance.	G

Amphibian Targets	Target Date	Action 2015	Status
Maintain the current distribution of great crested newt (GCN) breeding ponds and provide any new records of GCN sites to ERIC.	Annually	<p>Current distribution in North Tyneside maintained.</p> <p>Current distribution in Newcastle maintained, and extended on NGP and Havannah Nature Reserve where they have colonised new ponds.</p>	G
Ensure that all great crested newt sites are managed in a way that will maintain the viability of the population.	Annually	<p>GCN ponds managed to ensure open water is maintained and sites protected.</p> <p>S106 agreements secured to</p>	G

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		manage Newcastle ponds at Sacred Heart Ponds, Seven Mile Ponds and Bomb Crater ponds.	
Raise awareness about amphibian conservation and provide advice on habitat management.	Ongoing	Great Crested Newt Mitigation Plan for Scaffold Hill site for management of new ponds, amphibians tunnels and terrestrial habitat. Great crested newt masterplan produced for NGP with consultation from Natural England.	G
Create 10 new amphibian ponds	2016	New amphibian ponds planned for Scaffold Hill (Rising Sun Country park Extension), and Whitehouse Farm sites in north Tyneside. 15 new ponds created at Brenkley Opencast site in Newcastle.	G
Undertake management that will enhance the biodiversity value of 10 ponds for amphibians.	2018	Grazing Project at St Mary's Wetland. Sacred Heart Fen ponds managed as part of the 5 Mile Housing Scheme at Wideopen. Works planned for wetland works at Seaton Burn that will include pond management. Seven Mile Ponds have undergone clearance works to provide open water areas and over-hanging tree removal. S106 agreement secured for management of Sacred Heart Ponds	G

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<p>Create 10 new amphibian hibernacula at suitable locations.</p>	<p>2016</p>	<p>2 amphibian hibernacula agreed for the Annitsford Farm planning application.</p> <p>2 hibernacula locations agreed for the Rising Sun as part of the Scaffold Hill application.</p> <p>1 hibernacular agreed at Dudley as part of Meadowbank application.</p>	<p>A</p>
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Dingy Skipper Targets	Target Date	Action 2015	Status
<p>Continue to survey and map the distribution of dingy skipper.</p>	<p>Annually</p>	<p>Butterfly Conservation - regionally. Dingy skipper sites mapped on GIS for NTC and NCC. New Dingy skipper site found at Newcastle Heliport.</p> <p>All records submitted to ERIC NE</p>	<p>G</p>
<p>Establish monitoring at all key sites to determine any change in status.</p>	<p>Annually</p>	<p>Butterfly Conservation, NTC and NCC</p>	<p>G</p>
<p>Protect dingy skipper sites where possible and secure appropriate mitigation where adverse impacts will occur.</p>	<p>Ongoing</p>	<p>In North Tyneside: mitigation secured at West Chirton Industrial Site and Tyne Tunnel Trading Estate.</p> <p>Newcastle Heliport development site application refused due to lack of appropriate mitigation.</p>	<p>G</p>
<p>Ensure that land owners and managers are aware of the presence of the species and establish appropriate methods of habitat management.</p>	<p>Ongoing</p>	<p>Dingy Skipper sites appropriately managed through liaison with landowners.</p> <p>Appropriate management secured for West Chirton Site and Tyne Tunnel Trading Estate.</p>	<p>G</p>

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Maintain communication with Butterfly Conservation to raise awareness of this butterfly and it's management requirements.	Ongoing	Annual report received from Butterfly Conservation (BC). BC involved in management and surveys of dingy skipper sites.	G
Include the habitat requirements of dingy skipper when drawing up mitigation or restoration measures in the development control process where sites are located adjacent to existing colonies.	Ongoing	All planning applications where Dingy Skipper may be affected. E.g. West Chirton Site, Tyne Tunnel Trading Estate. Newcastle: Newcastle Heliport Site, Walker Railway Station and Fisher Street.	G
Seek and develop opportunities to establish new colonies.	Ongoing	Waggonways, West Chirton, Backworth & Weetslade in North Tyneside. Walker Park, old tar works depot to be restored for dingy skipper. Hadrian's Way B-Lines project with Newcastle, North Tyneside and Buglife.	G

Otter Targets	Target Date	Action 2015	Status
Maintain the current distribution of otter in Newcastle and North Tyneside. Submit all otter records to ERIC.	Ongoing	Current distribution maintained. Any new records found through planning are submitted to ERIC Otter now found on major water courses and wetlands in Newcastle and North Tyneside.	G
Restore and improve riparian habitat along 5km of watercourse for otters.	2021	Improvements to watercourses planned as part of Whitehouse Farm, Backworth Housing Site and Scaffold Hill applications. Improvements to 500m of the Ouseburn at Brunton Park has been completed and creation of approximately another 500m of watercourse carried out.	G

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		<p>Ranger's and volunteers have carried out environmental projects at various sites along the Ouseburn.</p> <p>Ouseburn River Restoration Project Feasibility Report includes these aims within its proposed projects. This is a partnership project between Newcastle, North Tyneside, Environment Agency, Northumbrian Water and Groundwork.</p>	
Ensure all operations affecting watercourses take account of otters, retaining features such as old trees, scrub and overhanging root systems.	Ongoing	<p>All planning applications affecting otters are mitigated for.</p> <p>Newcastle's SLR sites.</p> <p>Ouseburn River Restoration Project Feasibility Report includes these aims within its proposed projects. This is a partnership project between Newcastle, North Tyneside, Environment Agency, Northumbrian Water and Groundwork.</p>	G
Encourage public participation in submission of otter sightings and otter conservation through articles and promotional material.	2015	Wildlife Trust.	A
Construct and install 5 otter holts at suitable sites.	2016	<p>Otter holt created at Seaton Burn (Little Waters)</p> <p>Otter holts will be created along the Ouseburn in NGP and on other watercourses as part of the SLR schemes.</p>	A
Identify priority stretches of watercourse where habitat improvement for otters should be focused.	2014	Improvements to Seaton Burn in Wideopen planned to improve riparian habitat for otters and other species.	G

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		<p>Improvements to 500m of the Ouseburn at Brunton have been carried out and approximately another 500m of watercourse created.</p> <p>Continued Restoration of 400m of Milkhope Burn, Brenkley Lane.</p> <p>SLR sites in Newcastle.</p> <p>Ouseburn River Restoration Project Feasibility Report includes these aims within its proposed projects. This is a partnership project between Newcastle, North Tyneside, Environment Agency, Northumbrian Water and Groundwork.</p>	
Limit accidental killing of otters on roads, by providing suitable underpasses where appropriate.	Ongoing	<p>Wildlife underpass installed under A189 as part of Whitehouse Farm application.</p> <p>Brenkley Lane – improvements to Ponteland Road culvert have been carried out.</p> <p>NGP Ouseburn road crossing – discussions are taking place to ensure that bridge crossing does not impede movement of otter and other species.</p>	G

Urban Bird Targets	Target Date	Action 2015	Status
Encourage public participation in urban bird surveys.	Ongoing	<p>RSPB promoting National Swift Survey & Big Garden Bird Watch.</p> <p>RSPB Garden Birdwatch Survey event undertaken at</p>	G

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		Northumberland Park.	
Encourage public to submit sightings of swifts at roof level to the National Swift Inventory.	Ongoing	RSPB promoting National swift survey. Breeding Bird Surveys from development proposals submitted to ERIC NE.	G
Encourage winter feeding of urban birds on an annual basis through public events and/or the media.	Autumn/Winter	3 events carried out in Northumberland Park to raise awareness of birds. Undertaken through Ranger events in Newcastle. Promoted through 'Wildlife Gardening Leaflet' on website	G
Encourage nest box construction and installation for urban birds on an annual basis through public events and /or the media.	Autumn/Winter	Undertaken through 'Parks' Events. Undertaken through Ranger events in Newcastle. Promoted through 'Wildlife Gardening Leaflet' on website.	G
Install 20 nest boxes on suitable sites for a wide variety of urban bird species.	Annually	North Tyneside: 83 bird boxes and 15 bird bricks secured through planning for a variety of sites including Travelodge (Silverlink), Front Street, Darsley Park, Backworth, Annitsford Farm and Moorhouses. 3 Tree Sparrow boxes installed at Murton 3 House Martin Nest boxes planned for the Northern Promenade. Newcastle: 4 Throckley School, 4 Walker Park, 12 Former Walker College, 2 Ouseburn Rd, 10 Brenkley Opencast.	G

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Encourage developers to incorporate nesting features on all new development projects through the planning process.	Ongoing	83 bird boxes and 15 bird bricks secured through planning for a variety of sites including Travelodge (Silverlink), Front Street, Darsley Park, Backworth, Annitsford Farm and Moorhouses.	G
Encourage wildlife friendly gardening through media articles, websites, events and printed material.	Annually	<p>'Wildlife Gardening Leaflet' on Council websites.</p> <p>Events held at Parks such as Northumberland Park, Rising Sun, Wallsend Parks and Marden Quarry.</p> <p>Newcastle Rangers hold events promoting this issue.</p>	G

Water Vole Targets	Target Date	Action 2015	Status
Submit all water vole records to ERIC.	Ongoing	All new records or survey information submitted on annual basis	G
Improve riparian habitat along 5km of watercourse to help increase connectivity for water voles.	2020	<p>Improvements to watercourses planned as part of Whitehouse Farm, Backworth Housing Site and Scaffold Hill applications.</p> <p>Improvements to 500m of the Ouseburn at Brunton have been carried out and approximately another 500m of watercourse created.</p> <p>Continued Restoration of 400m of Milkhope Burn, Brenkley Lane.</p> <p>SLR sites in Newcastle.</p>	G

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		<p>Ouseburn River Restoration Project Feasibility Report includes these aims within its proposed projects. This is a partnership project between Newcastle, North Tyneside, Environment Agency, Northumbrian Water and Groundwork.</p> <p>Newcastle Rangers and volunteers have carried out various projects along the Ouseburn in Newcastle.</p>	
Encourage public participation in submission of water vole sightings and their conservation through articles, leaflets and activities.	2014	Lack of resources.	R

Red Squirrel Targets	Target Date	Action 2015	Status
Report all red squirrel sightings to ERIC and RSNE.	Ongoing	Annually	G
Carry out public awareness activities to promote red squirrel conservation and discourage people from feeding grey squirrels close to red squirrel sites.	Ongoing	<p>Undertaken by NWT as part of RSNE Project and the NHSN.</p> <p>Advice produced by Northern Red Squirrels Conservation Group and on Council websites.</p> <p>Red squirrel mitigation strategy to be produced and implemented as part of Hazelrigg S106 agreement.</p> <p>Red squirrel project to be set up as part of planning conditions at Woosington Park.</p>	G
Carry out grey squirrel control at remaining red squirrel sites and surrounding areas.	Ongoing	<p>Undertaken by NWT as part of RSNE, NHSN and by Jesmond Dene Volunteers</p> <p>Red squirrel mitigation strategy to be produced and implemented as part of Hazelrigg S106 agreement.</p>	G

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		Red squirrel project to be set up as part of planning conditions at Woosington Park.	
In areas where red squirrels are still present, improve woodland management of the site and surrounding area where possible.	Ongoing	Undertaken by NWT as part of RSNE Project. Northumbria Natural History Society -Gosforth Park Management. Red squirrel mitigation strategy to be produced and implemented as part of Hazelrigg S106 agreement. Red squirrel project to be set up as part of planning conditions at Woosington Park.	G
Monitor grey squirrel control measures and effects to both grey squirrel and red squirrel populations through RSNE recognised methods.	Ongoing	Undertaken by RSNE, Jesmond Dene Volunteers & Northumbria Natural History Society. Red squirrel mitigation strategy to be produced and implemented as part of Hazelrigg S106 agreement. Red squirrel project to be set up as part of planning conditions at Woosington Park.	G

Hedgehog Targets	Target date	Action 2015	Status
Create and install 20 hibernacula at appropriate sites throughout Newcastle & North Tyneside.	2015	Hibernacula secured as part of the Silverbirch Planning Application. Three hedgehog hibernacula created at former Throckley school housing scheme.	G

Slow Worm Targets	Target Date	Action 2015	Status
Determine the current extent and distribution of habitats supporting or likely	Ongoing	Mapped on GIS	G

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to support slow worm.		Reptile surveys requested at appropriate development sites.	
Seek to designate confirmed slow worm habitats as Local Wildlife Sites.	Ongoing	Station Masters Garden Site undergoing surveys as part of Local Wildlife Sites review.	A
Advise land managers on suitable management of current and potential slow worm habitats. Prevent loss or degradation of these existing sites.	Ongoing	Friends of Station Masters Garden advised of slow work best practice & management. New habitats created on site.	G

Bee Targets	Target Date	Action 2015	Status
Develop bee projects with local Universities/ educational establishments.	2013	Target Delivered. Additional project work in 2015 included:- Bee Conservation Project carried out in primary schools in North Tyneside in partnership with Friends of the Earth. B-Lines Project planned with Buglife at a number of sites along Hadrians Way in Newcastle & North Tyneside.	G
Promote the retention or provision of suitable nesting and over wintering sites in public and private gardens and allotments.	Ongoing	Wildlife Gardening and bee advice produced on websites; Information/advice given to householders by pest control officers. Bee Conservation Project carried out in primary schools in North Tyneside in partnership with Friends of the Earth. Newcastle Pictorial Meadow's project.	G
Advise lawnowners on suitable management of sites for bumblebees.	Ongoing	Wildlife Gardening leaflet and bee advice on Council websites. Volunteer groups and individuals advised.	G
Carry out a survey of bees on 10 appropriate sample sites.	2015	16 surveys undertaken in Northumberland Park & Marden Quarry for Bee Conservation	G

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		Trust. Jesmond Dene bee Id training carried out.	
Raise skills level by delivering bee identification workshop.	2014	Buglife Bee ID workshop held at Jesmond Dene	G

Brown Hare Targets	Target Date	Action 2015	Status
Seek to secure sympathetic management of habitat for brown hares through the planning system.	Ongoing	Landscaping for the following schemes will help secure habitat and management for this species:-Station Road, Scaffold Hill, Whitehouse Farm & Backworth Housing site. Mares Close Biodiversity Offsetting Site has created habitat that will benefit brown hare. Issues raised through Strategic Land review Newcastle. Brenkley Lane open cast site, Newcastle.	A
Create 500 linear metres of native species rich hedgerow.	2021	See targets in other sections	A
Improve 500 linear metres of species poor hedgerow.	2021	See targets in other sections	A
Create or restore 2ha of lowland species rich grassland.	2021	4.3 ha created at Brenkley Lane Open Cast site.	G
Increase public awareness about the conservation status of brown hare.	2014	Lack of resources.	R