

APPENDIX 1

Progress report of the targets from each Habitat and Species Action Plan which have been delivered for 2016/17

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 2016/17	Status
Secure or create nesting habitat for kittiwakes along the River Tyne to enable existing colonies to expand or move.	2016	Proposals to install new kittiwake nesting ledges on the north Tyne Bridge Tower are being investigated. Company has been tasked with drawing up plans.	A
Ensure existing kittiwake sites are protected	Ongoing	Illegal spike were removed from the north side of the Tyne Bridge north tower.	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 2016 Newcastle: 1 green roof - Formula One, Albert street. 1 brown roof – Market Street 322m ² of green roof – Portland Green 1 rain garden and 281m ² of green roof – Urban Science Building, Newcastle Uni.	G
Request nesting/roosting features on all new and renovated developments requiring ecological consultation.	Ongoing	North Tyneside: 80 bird boxes/features and 45 bat boxes/features through planning mitigation e.g. Land west of Salters Lane; East Wideopen Farm; Briarvale Newcastle: Bat boxes – 9 Coach Lane Campus, 4 Dinnington SLR site, 3 Stepney Yard, 30 Richardson Rd Campus. 2 bat heated maternity bat houses created at Richardson Rd Campus. Nest boxes – 3 sparrow terraces at 42 Westgate Rd, 10 Coach Lane Campus,	G

APPENDIX 1

		7 Dinnington SLR site, 4 Stepney Yard,	
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

Estuary & Coastal Habitat	Target Date	Action 2016/17	Status
Ensure no net loss of mudflats and saltmarsh, other than by natural processes.	Annually	No net loss reported. Local Wildlife Sites review completed All estuarine sites to be retained.	G
Create two high tide wader roost sites and manage existing roost sites appropriately.	2016	St Marys wetlands high tide wader roost site is being managed to create additional open water areas for waders Proposed golden plover mitigation site at St Mary's will create additional high tide wader roost sites	G
Maintain inventory of WeBS data annually.	Ongoing	WeBS counts undertaken annually by NTBC and inventory of data stored.	G
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. Central Lower Promenade Project.	G

Brownfield Land Targets	Target Date	Action 2016/17	Status
Create habitats along Hadrian's Way to enhance current brownfield land and link up fragmented habitat.	2015	Target Completed. Additional works 2016/17 include:- Works to create new habitat as part of Fisher Street site in Newcastle to be carried out in Oct 2017. Habitat to be created at new Shepherds office development	G

APPENDIX 1

		in Walker.	
Identify new brownfield sites that could be designated as local wildlife sites (LWS).	Ongoing	Local Wildlife Sites review has been completed. No new brownfield sites have been identified.	G
Undertake one brownfield site management project annually.	2012-2021	Butterfly Conservation have carried out annual management at Paradise LWS (Newcastle). Fisher Street project in Newcastle will create invertebrate habitat on old tar works site.	G

Transport Corridor Targets	Target Date	Action 2016/17	Status
Produce roadside verge management strategy in partnership with Grounds Maintenance.	2015	Target completed. Additional projects undertaken in 2016/17 include:- 80 sites sown and managed as biodiversity areas in North Tyneside. Scotswood Road wildlife roadside embankment verge managed for biodiversity. Grassland verges on Coast Road continue to be enhanced for biodiversity in Newcastle.	G
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	Undertaken on all appropriate planning applications. Great crested newt features (drop kerbs and planting) designed into road scheme at Scaffold Hill housing	G

APPENDIX 1

		<p>development.</p> <p>Wildlife underpasses incorporated into the Indigo Park Wildlife Corridor scheme design.</p> <p>Wildlife crossings have been raised as an issues on Cell D of Newcastle Great Park. Appropriate mitigation is required through the planning process.</p> <p>S106 funding has been secured for signage for red squirrels at Havannah LNR.</p>	
Incorporate wildlife tunnels or other features in development schemes where road kills are an issue.	Ongoing	All planning applications where appropriate – see above.	G
Include oil/silt traps in the design of new road schemes adjacent to sensitive wetland sites & watercourses.	Ongoing	<p>All planning applications where appropriate.</p> <p>Cell D of Newcastle Great Park has been advised to design in filtration ponds within the spine road scheme.</p>	G

Open Water & Wetland Targets	Target Date	Action 2016/17	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>Target completed. Additional projects undertaken in 2016/17 include:-</p> <p>3 wetland areas created as part of Murton flood alleviation scheme.</p> <p>2 new flood basins and ditch proposed for Wellfield and Briarvale.</p> <p>New pond and dipping platform</p>	G

APPENDIX 1

		<p>created at Wallsend Park.</p> <p>A series of wetlands are being created as part of the Scaffold Hill Housing scheme within the RSCP extension.</p> <p>Small ponds/wetlands incorporated into design plan for Indigo Park wildlife corridor</p> <p>Friends of Gosforth Central Park have created a large wildlife pond within the park.</p>	
Undertake management that will enhance the biodiversity value of 20 ponds.	2021	<p>Targeted completed. Additional projects undertaken in 2016/17 include:-</p> <p>Improvement to wetlands at St Mary's headland through St Mary's Wetland Conservation Group.</p> <p>Enhancement of GCN pond at Silverlink Biodiversity Park agreed through a planning obligation.</p> <p>Pond management (reed removal) in Rising Sun Country Park.</p>	G
Reedbed			
Maintain and improve reedbeds in Gosforth Park and Weetslade Country Park.	2020	Reedbeds continue to be managed by NHSN & Northumberland Wildlife Trust at both of these sites.	G
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

APPENDIX 1

River & Watercourse Targets	Target Date	Action 2016/17	Status
Raise awareness of non-native invasive species along watercourses and encourage their control.	Ongoing	<p>Advice provided on all planning applications and to Council departments or projects as required.</p> <p>Newcastle is to produce an invasive plant species strategy.</p>	G
Map non-native invasive species along 10km of watercourse in Newcastle and North Tyneside.	2021	Japanese Knotweed mapped along watercourse locations as part of on-going mapping exercise.	A
Promote the maintenance of riparian buffer strips with a minimum width of 2 m along watercourses to improve habitat for wildlife.	Ongoing	Grounds Maintenance Teams in North Tyneside and Newcastle advised to leave uncut buffer strips adjacent to watercourses.	G
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.	Ongoing	Implemented for all planning applications e.g. Whitehouse Farm, Scaffold Hill, West Middle Callerton, East Middle Callerton, High Beeches at Woolsington, and NGP Cell C.	G
Deliver riparian improvements that will benefit wildlife along a minimum of 5km of watercourse.	2021	<p>Target completed. Additional projects undertaken in 2016/17 include:-</p> <p>Riparian improvements along approximately 300m of Seaton Burn Watercourse at Little Waters</p> <p>Approx 250m of Wallsend Dene watercourse improved (vegetation and litter clearance) along West Street allotments.</p> <p>NWL improvement works along the letch at Forest Hall/Palmersville</p>	G

APPENDIX 1

		Ouseburn River Restoration Project is due to carry out enhancements to the Ouseburn at Woosington Ponds in 2017 270m of Riparian and watercourse have been incorporated along to Ouseburn at Brunton Park as part of a flood alleviation scheme.	
Incorporation of sustainable drainage systems on appropriate schemes to aid in the minimisation of high flows and pollution from surface water.	Ongoing	SuD's secured as part of the following schemes in North Tyneside & Newcastle:- Murton flood alleviation scheme; Scaffold Hill; Backworth Housing; Dinnington south, East Middle Callerton, West Middle Callerton, Kenton Bankfoot Phase 1 and 2, Throckley North, Throckley South and Hazlerigg	G
Ensure there is no net loss of watercourses to culverting through planning or engineering works	Ongoing	All appropriate planning applications and Council schemes. All watercourses to be retained and enhanced at Newcastle's SLR sites.	G

Managed Urban Greenspace Targets	Target Date	Action 2016/17	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	The following Newcastle allotments have all included areas of native hedging and wildlife habitat: Tweed St, Moorside, Thropton Terrace and High Heaton.	G
Increase allotment entries into North Tyneside in Bloom (NTIB) competition.	Annually	Allotment site entries remained the same from previous year (6)	G

APPENDIX 1

		Speak to Alison Bailey	
Parks & Gardens Targets			
Encourage wildlife friendly gardening through media articles, websites, events and printed material.	Ongoing	<p>Biodiversity events carried out throughout the year in Brierdene including growing & planting wildflower plugs with schools, meadow creation and bulb planting.</p> <p>Planting events carried out in Wallsend Parks, Benton Quarry Park, Rising Sun and Northumberland Park e.g bulb planting, meadow creation</p> <p>Duke of Edinburgh awards works carried out in Brierdene with local schools/ groups.</p> <p>Creation of wildflower/ pollinator display in Northumberland Park.</p> <p>5000sqm (0.5ha) of wildflower meadow created in Killingworth Lake Park.</p> <p>Wildflower seed donated as part of the Councils 'Love your Street' campaign.</p> <p>Newcastle Green Spaces Initiative have held events and provided advice to groups to promote wildlife and creation of urban meadows.</p> <p>Sensory garden created at Newburn Country Park</p> <p>Friends of Gosforth Central Park have created a wildlife pond within the park and are using it as an educational resource.</p> <p>Parks and Countryside have</p>	G

APPENDIX 1

		produced a Newsletter aimed at volunteers promoting environmental projects within the City.	
Liaise with Eco/Enviro Schools to establish 3 wildlife projects with schools annually.	Annually	<p>New wildlife garden created at Wallsend Park with bug hotel and bird/bat boxes.</p> <p>Wildlife meadow created at Holy Cross school</p> <p>South Gosforth First School Wildlife Garden.</p> <p>Newcastle's Great Park Ranger has been working with Brunton First School on environmental projects.</p>	G
Liaise with local businesses to establish 1 wildlife project annually.	Annually	<p>Conservation Day at Brierdene with EE Telecommunications and site visit by Storey Homes.</p> <p>Advice and wildflower seed provided to HMRC on management of their site and wildflower meadow.</p> <p>Virgin Money have been carrying out Environmental projects in Heaton and Armstrong Parks.</p> <p>The NHS and DWP have been helping to manage the wildlife area at Jesmond Dene</p>	G
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 (meadows, wildlife gardens, ponds etc) created in Wallsend Park, Benton Quarry Park, Killingworth Lake Park, Rising Sun, Northumberland Park, Marden Quarry and Churchill/Souter Park.	G

APPENDIX 1

		<p>Wildlife pond created and wildflower seed planted in Gosforth Central Park</p> <p>Wildflower border created at Walker Park.</p>	
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	<p>Leaflets produced and on Councils' websites.</p> <p>Events carried out throughout the parks to promote biodiversity, including planting events, bat & bird walks and bee events.</p>	G
Promote and enhance biodiversity in all park regeneration schemes and ensure that protected species issues are taken into consideration.	Ongoing	<p>Biodiversity events carried out in Northumberland Park, Marden Quarry, Churchill Playing Fields, Wallsend Park, Benton Quarry Park, Northumberland Park & Rising Sun including bee surveys, bat events, bird feeding activities, plug and wildflower planting etc.</p> <p>Biodiversity events carried out throughout the year in Brierdene including growing & planting wildflower plugs with schools, bulb planting, bird, bee and butterfly surveys.</p> <p>Iris Brickfields, Walker Park, Gosforth Park Central, Leazes Park, Exhibition Park and Summerhill Park.</p>	G
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

APPENDIX 1

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>Ecological advice and site visits provided to Killingworth Churchyard and St Josephs Church, Wallend Road.</p> <p>Ecological advice and guidance provided to Jesmond & St James' Cemeteries in Newcastle.</p>	G

Native Woodland Targets	Target Date	Action 2016/17	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	<p>In North Tyneside:</p> <p>Tree management undertaken as part of Fish Quay Project, including 2 community works days with Groundwork UK.</p> <p>Tree thinning works started in Killingworth Lake Park.</p> <p>S106 secured for tree management works to large areas of woodland within RSCP</p> <p>Scrub removal works in Brierdene and RSCP.</p> <p>In Newcastle: Jesmond Dene, Denton Dene, Lower Ouseburn, Sugley Dene, Havannah Nature Reserve.</p>	G

APPENDIX 1

		Funding has been secured for management of the woodlands at Middle Callerton and Havannah.	
Create native woodland on 10 new sites.	2015	<p>Target Completed.</p> <p>2000sqm of woodland created at Fenwick Pit Heap.</p> <p>Woodland planting proposed as part of following planning schemes:- Backworth housing, Darsley Park, Whitehouse Farm, Scaffold Hill, Station Road</p> <p>101 trees planted at 11 sites across North Tyneside.</p> <p>Holly understorey planted in woodland by Friends of Red House Ramblers</p> <p>New native woodland secured through S106 agreement at Throckley South housing scheme.</p> <p>Additional tree plantations secured through planning conditions for East Middle Callerton, West Middle Callerton, Throckley North and Hazlerigg housing developments.</p>	G
Increase linkage between fragmented woodland sites by the creation of green corridors on 4 sites.	2021	<p>Target Completed.</p> <p>Proposed sites at Station Road, Whitehouse Farm, Backworth and Scaffold Hill.</p> <p>New native woodland secured through S106 agreement at Throckley South housing scheme.</p>	G

APPENDIX 1

<p>Promote the value of native woodland to the public by undertaking 4 events per year.</p>	<p>Annually</p>	<p>Tree planting events carried out at Northumberland Park.</p> <p>101 trees planted at 11 sites across the Borough.</p> <p>Newcastle's Rangers have carried out planting events at – Havannah & Three Hills Nature Reserve.</p>	<p>G</p>
<p>Manage/ replant 3 sites of amenity woodland to native woodland.</p>	<p>2016</p>	<p>Target Completed.</p> <p>Fish Quay Project – woodland management undertaken and Groundwork completed 2 local community work days.</p> <p>Ongoing woodland thinning work at Killingworth Lake Park.</p> <p>Management Plan has been produced for all woodland at High Gosforth Park and to be implemented by Newcastle Racecourse management company.</p> <p>Non-native species are being felled by the Rangers and volunteers at Havannah and replacement planting using native species has been carried out.</p> <p>S106 funding secured for woodland management at Newbiggin Dene and plantation at West Middle Callert</p>	<p>G</p>

Lowland Grassland Targets	Target Date	Action 2016/17	Status
<p>Maintain current extent of lowland meadows.</p>	<p>Ongoing</p>	<p>Achieved through current management regimes and mitigation through planning.</p>	<p>G</p>

APPENDIX 1

Identify new lowland meadows sites and map on GIS.	2016	Local Wildlife Sites(LWS) review completed for North Tyneside & Newcastle. Parkside meadow at Newcastle has been designated as a LWS.	G
Designate all qualifying sites as Local Wildlife Sites.	Ongoing	Local Wildlife Sites(LWS) review completed for North Tyneside & Newcastle. Parkside meadow at Newcastle has been designated as a LWS.	G
Secure favourable management on all species rich grasslands within Local Wildlife Sites.	2021	<p>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.</p> <p>Grazing projects at St. Mary's Wetlands and Silverlink Biodiversity Park.</p> <p>Parkside meadow at Newcastle has been designated as a LWS and will be managed by City Council.</p>	G
Create or restore 10ha of lowland species rich grassland.	2021	<p>This target has been completed. Additional projects in 2016/17 include:-</p> <p>3000sqm of wildflower seed sown at Fenwick Pit Heap.</p> <p>5000sqm (0.5ha) of wildflower meadow created in Killingworth Lake Park.</p> <p>An area of 5.6ha sown with wildflower seed in Brierdene</p> <p>23,000sqm (2.3ha) of wildflower grassland restored and created on 80 amenity, green space and roadside verge sites in North Tyneside.</p>	G

APPENDIX 1

		<p>Species rich grassland secured through the following planning applications: Indigo Business Park, Backworth Housing sites, RSCP Extension, Station Road.</p> <p>Wildflower areas created by Friends of Red House Ramblers</p> <p>20ha of lowland meadows has been created at Newcastle Great Park alone with a further 20ha at Brenkley Lane opencast. Another 0.5ha is planned as part of Cells A and D</p>
--	--	---

Scrub, Shrub & Hedgerow Targets	Target Date	Action 2016/17	Status
Create 10 ha of new native scrub/shrub.	2021	<p>Target Completed.</p> <p>Large areas of scrub habitat have been secured through Planning as part of the following landscape schemes:-Backworth Housing Site, Station Road, Whitehouse Farm, Rising sun Extension.</p> <p>Large areas of new scrub planting have been secured through planning conditions at NGP Cell C, Hazelrigg, West Middle Callerton and East Middle Callerton, West Middle Callerton, Throckley South, Throckley North and Kenton Bankfoot Phase 1 and 2.</p>	G

APPENDIX 1

<p>Create 5000 linear metres of native species rich hedgerow.</p>	<p>2021</p>	<p>Target completed. Additional projects include:-</p> <p>Native hedgerows secured through Planning as part of the following landscape schemes:- Backworth Housing Site, Station Road, Whitehouse Farm, Rising Sun Extension.</p> <p>Edible hedge planted by Friends of Redhouse Ramblers</p> <p>Approx 2km of native hedgerow are to be planted as part of Newcastle Great Parks Cell D and A. These will be secured through appropriate planning conditions.</p> <p>300lm of native hedge have been secured through planning conditions at Wideopen housing development.</p>	<p>G</p>
<p>Improve 2000 linear metres of species poor hedgerow.</p>	<p>2021</p>	<p>Target Completed.</p> <p>Hedgerow improvements secured through Planning as part of the following landscape schemes:-Backworth Housing Site, Station Road, Whitehouse Farm, Rising Sun Extension.</p> <p>Hedgerow improvements to be carried out at the following SLR sites: Throckley South, East Middle Callerton, West Middle Callerton</p>	<p>G</p>
<p>Retain existing scrub and hedgerow on development schemes and maximise opportunities for native planting in landscaping schemes.</p>	<p>Ongoing</p>	<p>Undertaken as part of planning</p>	<p>G</p>
<p>Ensure that management of scrub and hedgerow are undertaken at the appropriate times of year to maximise opportunities for wildlife and minimise disturbance.</p>	<p>Ongoing</p>	<p>Undertaken annually by Grounds Maintenance teams. Advice conditioned on all appropriate planning applications.</p>	<p>G</p>

APPENDIX 1

Farmland Bird Targets	Target Date	Action 2016/17	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	<p>Target completed.</p> <p>Native hedgerows secured through Planning as part of the following landscape schemes:- Backworth Housing Site, Station Road, Whitehouse Farm, Rising Sun Extension, Indigo Buisness Park.</p> <p>Approx 2km of native hedgerow are to be planted as part of Newcastle Great Parks Cell D and A. These will be secured through appropriate planning conditions.</p> <p>300lm of native hedge have been secured through planning conditions at Wideopen housing development.</p>	G
Improve 1000 linear metres of species poor hedgerow on sites that have the potential or are known to support farmland bird species.	2021	<p>Target Completed.</p> <p>Hedgerow improvements secured through Planning as part of the following landscape schemes:-Backworth Housing Site, Station Road, Whitehouse Farm, Rising Sun Extension.</p> <p>Hedgerow improvements to be carried out at Throckley North and Throckley South housing developments.</p> <p>S106 funding secured for enhancements to Prestwick Carr, this will include gapping up</p>	G

APPENDIX 1

		existing hedges.	
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.	Ongoing	Grounds Maintenance advised on appropriate cutting times.	G
Continue to monitor the status of farmland birds at specific sites.	Annually	<p>Bird surveys undertaken by NTBC.</p> <p>Regular monitoring of bird populations at Newcastle Great Park and Brenkley Lane as part of their BAPS.</p> <p>Bird records also recorded from planning applications.</p>	G
Install nestboxes at 10 new sites for tree sparrow and barn owl.	2015	<p>Target Completed. Additional projects for 2016/17 include:-</p> <p>2 tree sparrow boxes conditioned as part of Briarvale scheme</p> <p>3 owl boxes conditioned for scaffold Hill scheme</p> <p>Barn owl boxes and sparrow boxes are to be included within Cell D development of NGP.</p> <p>3 sparrow terraces to be installed at 42 Westgate Rd. 1 sparrow terrace installed at Stepney Yard. 2 Sparrow terraces to be installed at Front Street</p> <p>Dinnington development. 1 Sparrow terrace to be installed at Coach Lane Campus. 2 sparrow boxes installed within bat towers at Richardson Road</p>	G

APPENDIX 1

		Campus	
Increase suitable habitat for ground nesting birds on 10 sites.	2016	<p>Target Completed. Additional projects for 2016/17 include:-</p> <p>S106 secured for ground nesting birds at RSCP and Weetslade Country Park</p> <p>Skylark habitat secured as part of Rising Sun Extension site.</p> <p>Grassland habitat management work at St Mary's wetlands site</p> <p>S106 funding for farmland birds secured for West Middle Callerton, East Middle Callerton, Dinnington South and Prestwick Carr.</p> <p>Offsite mitigation for farmland birds secured for Hazlerigg, Throckley South and Kenton Bankfoot Phase 4.</p>	G
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 2016/17	Status
Ensure that every demolition or renovation project provides at least one bat box on the new building.	Annually	<p>North Tyneside: 45+ bat boxes/features secured through Planning on sites such as Co-op Building, Seaton Burn House, Lidl, East Wideopen Farm, Marina Coble Dene, Salters Lane.</p> <p>Newcastle: 9 bat boxes at Coach Lane Campus, 4 at Dinnington SLR site, 3 at Stepney Yard.</p>	G

APPENDIX 1

		At Richardson Rd student two purpose built heated maternity roosting houses have been created. These are also suitable as hibernation sites.	
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	<p>Target completed. Additional projects include:-</p> <p>2000sqm of woodland and wildflower meadow created at Fenwick Pit Heap</p> <p>Native woodland and hedgerows secured through Planning as part of the following landscape schemes:-Backworth Housing Site, Station Road, Whitehouse Farm, Rising Sun Extension, Indigo Business Park</p> <p>New native woodland secured through S106 agreement at Throckley South housing scheme.</p> <p>Additional tree plantations secured through planning conditions for East Middle Callerton, West Middle Callerton, Throckley North and Hazlerigg housing developments.</p> <p>Approx 2km of native hedgerow are to be planted as part of Newcastle Great Parks Cell D and A. These will be secured through appropriate planning conditions</p>	G

APPENDIX 1

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 2016/17	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. New sites designated for GCN through LWS review (e.g. West Allotment Pond)</p> <p>Current distribution in Newcastle maintained, and extended on Brenkley Lane and Sacred Heart where they have colonised new ponds.</p> <p>GCN surveys carried out in Newcastle and NTC as part of LWS review. Records sent to ERIC.</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>Sacred Heart Ponds have been managed and fenced off to prevent overgrazing disturbance by cattle. Hibernacula have been installed around the pond.</p> <p>Brenkley Lane ponds continue to be managed for GCN population.</p>	G
Raise awareness about amphibian conservation and provide advice on habitat management.	Ongoing	<p>Advice provided on Algernon cable route scheme and Scaffold Hill site in North Tyneside.</p> <p>Advice provided to Groundwork Trust's Ouseburn Restoration Project and Scotswood Community Garden.</p>	G

APPENDIX 1

<p>Create 10 new amphibian ponds</p>	<p>2016</p>	<p>Target Completed. Additional projects for 2016/17 include:-</p> <p>New amphibian ponds planned for Scaffold Hill (Rising Sun Country park Extension), and Station Road in North Tyneside.</p> <p>Wildlife pond and dipping platform created at Wallsend Park.</p> <p>1 new pond and a boardwalk has been created at Gosforth Central Park.</p> <p>12 new wetlands are proposed as part of Cell D development</p>	<p>G</p>
<p>Undertake management that will enhance the biodiversity value of 10 ponds for amphibians.</p>	<p>2018</p>	<p>Grazing Project at St Mary's Wetland.</p> <p>Sacred Heart Fen ponds managed as part of the 5 Mile Housing Scheme at Wideopen.</p> <p>Hoys Wood Ponds have undergone clearance works to provide open water areas and over-hanging tree removal.</p> <p>Management works at Sacred Heart Ponds have been completed.</p> <p>S106 funding secured for management of wetlands at Havannah.</p>	<p>G</p>
<p>Create 10 new amphibian hibernacula at suitable locations.</p>	<p>2016</p>	<p>Target completed. Additional Projects for 2016/17 include:-</p> <p>Hibernacular conditioned for ponds in Silverlink Park as part of Algernon cable route scheme.</p> <p>A number of hibernacular conditioned for silverlink cable route works.</p>	<p>G</p>

APPENDIX 1

		3 New Hibernacula created around Sacred Heart Ponds.	
--	--	--	--

Dingy Skipper Targets	Target Date	Action 2016/17	Status
Continue to survey and map the distribution of dingy skipper.	Annually	Butterfly Conservation - regionally. Dingy skipper sites mapped on GIS for NTC and NCC. New Dingy skipper sites found at Tyne Tunnel Trading estate and West Chirtin Ind Estate. All records submitted to ERIC NE	G
Establish monitoring at all key sites to determine any change in status.	Annually	Butterfly Conservation, NTC and NCC	G
Protect dingy skipper sites where possible and secure appropriate mitigation where adverse impacts will occur.	Ongoing	In North Tyneside: mitigation secured at West Chirton Industrial Site and Tyne Tunnel Trading Estate. Newcastle Heliport development appeal refused due to lack of appropriate mitigation for dingy skipper. St Anthony's Tar Works remediation scheme to be implemented in 2017 for dingy skipper.	G
Ensure that land owners and managers are aware of the presence of the species and establish appropriate methods of habitat management.	Ongoing	Dingy Skipper sites appropriately managed through liaison with landowners. Appropriate management secured for West Chirton Site and Tyne Tunnel Trading Estate. Havannah and Paradise LWS both managed by volunteers for	G

APPENDIX 1

		dingy skipper.	
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, Fisher Street and St Anthony's Tar Works.	G
Seek and develop opportunities to establish new colonies.	Ongoing	Waggonways, Tyne Tunnel Trading Estate, West Chirton and Weetslade in North Tyneside. Walker Park, St Anthony's Tar Works to be restored for dingy skipper. Calders site Masterplan is to take dingy skipper into consideration as part of its designs.	G

Otter Targets	Target Date	Action 2016/17	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	G
Restore and improve riparian habitat along 5km of watercourse for otters.	2021	Target Completed. Additional projects for 2016/17 include:- Riparian improvements along approximately 300m of Seaton Burn Watercourse at Little Waters	G

APPENDIX 1

		<p>Approx 250m of Wallsend Dene watercourse improved (vegetation and litter clearance) along West Street allotments.</p> <p>Ouseburn River Restoration Project has carried out improvements to approximately 350m of the Ouseburn at Woosington Ponds.</p> <p>NGP BAP proposes to enhance at least 1km of watercourse for wildlife through management and habitat creation within the next 5 years.</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 relating to watercourses carry out full surveys and impacts on otters are mitigated for.</p> <p>Full otter surveys and mitigation are required for NGP Cell D and Spine Road application have been requested.</p>	G
Construct and install 5 otter holts at suitable sites.	2016	<p>Target Completed. Additional projects in 2016/17 include:-</p> <p>2 Otter holts have been requested as part of NGP Cell D and Spine Road application.</p> <p>4 otter holts have been conditioned along the Whorlton Burn as part of East Middle Callerton and on the Ouseburn at West Middle Callerton housing developments.</p>	G
Identify priority stretches of watercourse where habitat improvement for otters should be focused.	2014	<p>Target Completed. Additional projects in 2016/17 include:-</p> <p>This has been done at all Newcastle's SLR sites and at NGP.</p>	G

APPENDIX 1

		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. They have completed the first project at Woosington Ponds..	
Limit accidental killing of otters on roads, by providing suitable underpasses where appropriate.	Ongoing	NGP Ouseburn road crossing – Designs have been produced to ensure free otter movement beneath new road and bridge	G

Urban Bird Targets	Target Date	Action 2016/17	Status
Encourage public participation in urban bird surveys.	Ongoing	RSPB promoting National Bird Surveys. RSPB Big Garden Birdwatch in Wallsend Park. Regular promotional events held by the Tyne kittiwake Partnership. Kittiwake numbers on the Quayside and River Tyne are recorded by volunteers for the Tyne Bird Club.	G
Encourage public to submit sightings of swifts at roof level to the National Swift Inventory.	Ongoing	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	Undertaken through 'Parks' events at the following parks:- Northumberland Park, Benton Quarry, Marden Quarry, Rising Sun, Wallsend Park, Churchill/Souter park and Brierdene. Undertaken through Ranger	G

APPENDIX 1

		events in Newcastle.	
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 at the following parks:- Northumberland Park, Benton Quarry, Marden Quarry, Rising Sun, Wallsend Park, Churchill/Souter park and Brierdene. Undertaken through Ranger regular events in Newcastle e.g. National Bird Box Week.	G
Install 20 nest boxes on suitable sites for a wide variety of urban bird species.	Annually	North Tyneside: 3 bird boxes at Westhole Social Club; 10 bird boxes at land west of dismantled railway Wallsend; 2 Schwegeler Avianex boxes and 2 Schwegeler Sparrow terrace boxes at Lidl Newcastle: 3 sparrow terraces at 42 Westgate Rd, 1 sparrow terrace and 3 boxes installed at Stepney Yard. 2 Sparrow terraces and 5 nestboxes to be installed at Front Street Dinnington development. 1 Sparrow terrace and 9 nestboxes to be installed at Coach Lane Campus. 6 nestboxes installed within bat towers at Richardson Road Campus.	G
Encourage developers to incorporate nesting features on all new development projects through the planning process.	Ongoing	80 bird boxes/features secured through planning for a variety of sites including Stephenson Industrial estate; Seaton Burn House; Co-op Building; East Wideopen Farm; Briarvale, Marina Coble Dene	G

APPENDIX 1

<p>Encourage wildlife friendly gardening through media articles, websites, events and printed material.</p>	<p>Annually</p>	<p>Events held at parks including:- Northumberland Park, Benton Quarry, Marden Quarry, Rising Sun, Wallsend Park, Churchill/Souter Park and Brierdene.</p> <p>Newcastle Green Spaces Initiative have held events and provided advice to groups to promote wildlife and creation of urban meadows.</p> <p>Sensory garden created at Newburn Country Park</p> <p>Friends of Gosforth Central Park have created a wildlife pond within the park and are using it as an educational resource.</p> <p>Parks and Countryside have produced a Newsletter aimed at volunteers promoting environmental projects within the City.</p>	<p>G</p>
---	-----------------	---	----------

Water Vole Targets	Target Date	Action 2016/17	Status
<p>Submit all water vole records to ERIC.</p>	<p>Ongoing</p>	<p>All new records or survey information submitted on annual basis</p>	<p>G</p>
<p>Improve riparian habitat along 5km of watercourse to help increase connectivity for water voles.</p>	<p>2020</p>	<p>Improvements to watercourses planned as part of Whitehouse Farm, Backworth Housing Site and Scaffold Hill applications.</p> <p>Riparian improvements along approximately 300m of Seaton Burn Watercourse at Little Waters</p> <p>Approx 250m of Wallsend Dene watercourse improved (vegetation and litter clearance)</p>	<p>G</p>

APPENDIX 1

		<p>along West Street allotments.</p> <p>Ouseburn River Restoration Project has carried out improvements to approximately 350m of the Ouseburn at Woosington Ponds.</p> <p>NGP BAP proposes to enhance at least 1km of watercourse for wildlife through management and habitat creation within the next 5 years.</p> <p>270m of Riparian and watercourse have been incorporated along the Ouseburn at Brunton Park as part of a flood alleviation scheme.</p>
--	--	--

Red Squirrel Targets	Target Date	Action 2016/17	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>The Red Squirrel Tyneside Project has been set up in the Tyneside area. This involves raising awareness of the issues and carrying out red squirrel conservation in selected areas.</p> <p>Red squirrel mitigation strategy has been secured as part of Hazlerigg S106 agreement.</p> <p>Red squirrel project to be set up as part of planning conditions at Woosington Park.</p>	G

APPENDIX 1

<p>Carry out grey squirrel control at remaining red squirrel sites and surrounding areas.</p>	<p>Ongoing</p>	<p>Undertaken by NWT as part of RSNE, NHSN and by Jesmond Dene Volunteers</p> <p>The Red Squirrel Tyneside Project has been set up in the Tyneside area. This will involve control of grey squirrels at red squirrel sites and strategic wildlife corridors.</p> <p>Red squirrel mitigation strategy secured as part of Hazelrigg S106 agreement.</p> <p>Red squirrel project to be set up as part of planning conditions at Woolsington Park.</p>	<p>G</p>
<p>In areas where red squirrels are still present, improve woodland management of the site and surrounding area where possible.</p>	<p>Ongoing</p>	<p>Undertaken by NWT as part of RSNE Project. Northumbria Natural History Society -Gosforth Park Management.</p> <p>Red squirrel has been secured as part of Hazelrigg S106 agreement.</p> <p>Hoys Wood managed for red squirrel.</p> <p>Red squirrel project to be set up as part of planning conditions at Woolsington Park.</p>	<p>G</p>
<p>Monitor grey squirrel control measures and effects to both grey squirrel and red squirrel populations through RSNE recognised methods.</p>	<p>Ongoing</p>	<p>Undertaken by RSNE, Jesmond Dene Volunteers & Northumbria Natural History Society.</p> <p>The Red Squirrel Tyneside Project will be monitoring squirrel populations as part of its work.</p> <p>Monitoring is to form part of the red squirrel mitigation strategy as part of Hazelrigg S106 agreement.</p>	<p>G</p>

APPENDIX 1

		Red squirrel project to be set up as part of planning conditions at Woosington Park.
--	--	--

Slow Worm Targets	Target Date	Action 2016/17	Status
Determine the current extent and distribution of habitats supporting or likely to support slow worm.	Ongoing	Mapped on GIS Reptile surveys requested at appropriate development sites.	G
Seek to designate confirmed slow worm habitats as Local Wildlife Sites.	Ongoing	Station Masters Garden Site has been recommended as a Local Wildlife Site as part of the review.	G
Advise land managers on suitable management of current and potential slow worm habitats. Prevent loss or degradation of these existing sites.	Ongoing	Gosforth Park Racecourse advised on management issues of their heathland area.	G

Bee Targets	Target Date	Action 2016/17	Status
Promote the retention or provision of suitable nesting and over wintering sites in public and private gardens and allotments.	Ongoing	Members of the public and staff advised on an ad hoc basis. 23,000sqm of wildflower grassland restored and created on 80 amenity, green space and roadside verge sites in North Tyneside. 2000sqm of meadow grassland sown at Fenwick Pit Heap. 200sqm of meadow created at Benton Quarry and 100sqm at Holy Cross Primary School. Wildlife garden created in Wallsend Park.	G

APPENDIX 1

		<p>Meadow/pollinator area created at Northumberland Park</p> <p>Sensory Garden created at Newburn Country Park.</p> <p>Newcastle's Pictorial Meadow resown.</p>	
Advise lawnowners on suitable management of sites for bumblebees.	Ongoing	<p>Wildlife Gardening leaflet and bee advice on Council websites.</p> <p>Volunteer groups, land owners and individuals advised.</p>	G

Brown Hare Targets	Target Date	Action 2016/17	Status
Seek to secure sympathetic management of habitat for brown hares through the planning system.	Ongoing	<p>Landscaping for the following schemes will help secure habitat and management for this species:-Station Road, Rising Sun Park Extension, Backworth Housing site, Indigo Business Park.</p> <p>Sympathetic habitat creation and management carried out at Brenkley Lane for brown hare.</p>	G
Create 500 linear metres of native species rich hedgerow.	2021	See targets in other sections	G
Improve 500 linear metres of species poor hedgerow.	2021	See targets in other sections	G
Create or restore 2ha of lowland species rich grassland.	2021	See targets in other sections	G