

APPENDIX 1

Progress report of the targets from each Habitat and Species Action Plan which have been delivered for 2017/18

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 2017/18	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 still being investigated as part of renovation works to the Bridge in 2019.	A
Ensure existing kittiwake sites are protected	Ongoing	Tyne Kittiwake Partnership and RSPB has put out statements to discourage netting of kittiwake sites. TKP are being consulted on proposals for the Great Exhibition of the North.	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 2017-18 Newcastle: 5 green roofs secured – Building 8 Student Village, Portland Green 1 green roof – Former warehouse, Pitt Street. 3 green roofs- Walker Road Apartments	G
Request nesting/roosting features on all new and renovated developments requiring ecological consultation.	Ongoing	North Tyneside: 135+ bird boxes/features and 60+ bat boxes/features through planning mitigation e.g. Station Road West, Killingworth Drive, Backworth, Formica, North Shields, East Wideopen Farm, Wallington Court, Lidl, Killingworth. Bird boxes installed on properties in Newcastle: Dinnington South – 15 NGP Cell C – 30 Dinnington North – 6	G

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		<p>Avant housing – 18 Benfield School – 4 Walker Rd Apartments – 3 Throckley South – 20 Havannah – 13 Blucher Terrace – 3</p> <p>Bat boxes: Dinnington South – 20 NGP Cell C – 30 Dinnington North – 6 Avant housing – 15 Benfield School – 2 Walker Rd Apartments – 3 Throckley South – 8 Havannah – 4 High Beeches – 4</p>	
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 2017/18	Status
Ensure no net loss of mudflats and saltmarsh, other than by natural processes.	Annually	No net loss reported.	G
Promote the importance of coastal waders through publicity material and events	Ongoing	Mitigation through HRA's for Planning Applications. St Mary's Island Scheme will provide information boards on waders and a Management Plan is currently being produced.	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. through HRA's for Planning Applications	G

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Brownfield Land Targets	Target Date	Action 2017/18	Status
Create habitats along Hadrian's Way to enhance current brownfield land and link up fragmented habitat.	2015	Target Completed. Additional projects 2017/18 include:- Funding successful through UK Buglife to undertake a project called Urban Buzz along Hadrians Way from Newcastle through to North Tyneside. The project will involve creating wildflower and brownfield habitats beneficial for bees and butterflies.	G
Identify new brownfield sites that could be designated as local wildlife sites (LWS).	Ongoing	Fenwick Pit Heap and Howdon Grassland Site in North Tyneside	G
Undertake one brownfield site management project annually.	2012-2021	Newcastle St Anthony's Tar restoration Works completed in Oct 2017. Habitat created for brownfield butterflies	G

Transport Corridor Targets	Target Date	Action 2017/18	Status
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. Funding secured for red squirrel road signage at Hazlerigg. Wildlife tunnels conditioned at East Middle Callerton residential site.	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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<p>Include oil/silt traps in the design of new road schemes adjacent to sensitive wetland sites & watercourses.</p>	<p>Ongoing</p>	<p>All planning applications where appropriate.</p> <p>Pollution control device incorporated into Killingworth Lake Flood alleviation scheme plans to prevent pollution of watercourse and wetlands in Gosforth Park SSSI</p> <p>Pollution from roads has been incorporated into SuDs in all new housing developments in Newcastle.</p>	<p style="color: green; text-align: center;">G</p>
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Open Water & Wetland Targets	Target Date	Action 2017/18	Status
<p>Create 20 new ponds of conservation value in appropriate areas with emphasis on providing stepping stones between existing ponds of wildlife value.</p>	<p>2021</p>	<p>Target completed. Additional projects undertaken in 2017/18 include:-</p> <p>3 interlinked wetlands to be created as part of the housing scheme off Killingworth Drive Backworth.</p> <p>Newcastle 7 interlinked great crested newt ponds created at Brenkley</p> <p>2 new ponds created at Brunton Farm.</p>	<p style="color: green; text-align: center;">G</p>
<p>Undertake management that will enhance the biodiversity value of 20 ponds.</p>	<p>2021</p>	<p>Targeted completed. Additional projects undertaken in 2017/18 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 Rising Sun Country Park through de-silting and creation of more</p>	<p style="color: green; text-align: center;">G</p>

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		open water Newcastle: Management of Brunton Wetlands SLCI has been conditioned as part of Cell A, Newcastle Great Park.	
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. Newcastle: Project to improve the quality of water entering Gosforth Park is being investigated.	G

River & Watercourse Targets	Target Date	Action 2017/18	Status
Raise awareness of non-native invasive species along watercourses and encourage their control.	Ongoing	Advice provided on all planning applications and to Council departments or projects as required. Japanese Knotweed sites treated in NT Newcastle invasive plant species strategy is being produced.	G
Map non-native invasive species along 10km of watercourse in Newcastle and North Tyneside.	2021	Newcastle invasive plant strategy will also develop a monitoring strategy.	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. Improvement works (de-silting) to GCN pond in RSCP	G

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		Management of GCN pond off Silverlink Waggonway to increase open water. (Delivered via Algernon Cable Route planning scheme)	
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. Station Road West, West Middle Callerton, East Middle Callerton, High Beeches at Woolsington, and NGP Cell D.	G
Deliver riparian improvements that will benefit wildlife along a minimum of 5km of watercourse.	2021	<p>Target completed. Additional projects undertaken in 2017/18 include:-</p> <p>Riparian improvements along Seaton Burn Watercourse at Holywell Dene</p> <p>Improvement works undertaken along the watercourse in RSCP as part of flood alleviation project.</p> <p>Watercourse Improvements undertaken along the Brierdene by the Friends of Brierdene</p> <p>Litter clearance undertaken by Tyne Rivers Trust along Seaton Burn watercourse in Fordley</p> <p>Newcastle: Enhancements conditioned at East Middle Callerton, West Middle Callerton, NGP Cell D and Throckley North and Throckley South.</p> <p>Hartley Burn catchment group set up to examine riparian issues.</p>	G

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<p>Incorporation of sustainable drainage systems on appropriate schemes to aid in the minimisation of high flows and pollution from surface water.</p>	<p>Ongoing</p>	<p>SuD's secured as part of the following schemes in North Tyneside & Newcastle:- Station Road West, Backworth Housing (Killingworth Drive); Briarvale.</p> <p>Newcastle: All new residential schemes have had SuD's conditioned, eg. East Middle Callerton, West Middle Callerton, NGP Cell D, NGP Cell A, Kenton Bankfoot Phase 1a & 1b, Avant, Dinnington North, Dinnington South, Throckley North and Throckley South</p>	<p style="color: green; text-align: center;">G</p>
<p>Ensure there is no net loss of watercourses to culverting through planning or engineering works</p>	<p>Ongoing</p>	<p>All appropriate planning applications and Council schemes.</p> <p>All watercourses to be retained and enhanced at Newcastle's SLR sites.</p>	<p style="color: green; text-align: center;">G</p>

Managed Urban Greenspace Targets	Target Date	Action 2017/18	Status
<p>Implement targets in Council's Allotment Strategy.</p>	<p>Annually</p>	<p>Biodiversity targets/initiatives being undertaken annually (see below)</p>	<p style="color: green; text-align: center;">G</p>
<p>2 allotment sites per year to incorporate areas of native hedging or wildlife habitat.</p>	<p>Annually</p>	<p>The following allotments in Newcastle have all planted native hedges this year: Denton Bank at Fenham, Three Mile allotments at Parklands, Dene Terrace at Newburn.</p>	<p style="color: green; text-align: center;">G</p>
<p>Increase allotment entries into North Tyneside in Bloom (NTIB) competition.</p>	<p>Annually</p>	<p>Allotment site entries remained the same from previous year</p>	<p style="color: green; text-align: center;">G</p>
<p>Parks & Gardens Targets</p>			

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<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 by Friends of Brierdene & Red House Ramble including growing & planting wildflower plugs with schools, meadow creation and bulb planting.</p> <p>1000+ bulbs planted along waggonway in wideopen.</p> <p>Duke of Edinburgh awards works carried out in Brierdene with local schools/ groups.</p> <p>Creation of wildflower areas in Killingworth Lake Park, Benton Quarry, Springfield Park, RSCP, Brierdene, Monkseaton.</p> <p>Wildlife events carried out in Parks such as Killingworth lake Park, Northumberland Park and RSCP.</p> <p>Newcastle: Wildlife gardening at Leazes Park, Gosforth Park Central, Walker Park and Newburn Country Park with volunteers</p>	<p>G</p>
<p>Liaise with Eco/Enviro Schools to establish 3 wildlife projects with schools annually.</p>	<p>Annually</p>	<p>Wildflower plug plants grown and planted with Friends of Brierdene and Red House Ramble by local schools</p> <p>Bird box making at RSCP with local schools</p> <p>Newcastle's Great Park Ranger has been working with Brunton First School on environmental projects.</p> <p>Schools project with Scotswood Community Garden.</p>	<p>G</p>

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<p>Liaise with local businesses to establish 1 wildlife project annually.</p>	<p>Annually</p>	<p>Conservation work carried out with team from BT Communications at Brierdene</p> <p>Newcastle: Volunteer work days at Sugley Dene with Big Lottery, Denton Dene with Virgin Money and Leazes Park with NHS</p>	<p>G</p>
<p>Liaise with Council departments to promote wildlife friendly gardening in parks and create at least one wildlife area annually.</p>	<p>Annually</p>	<p>In North Tyneside, planting events carried out in Benton Quarry Park, Rising Sun, Brierdene, Red House, Springfield Park and Killingworth Lake Park. New meadows created in Killingworth Lake Park and Rising Sun.</p> <p>Newcastle Wildlife pond and meadow at Gosforth Park Central and wildflower meadows at Walker Park and Heaton Park.</p>	<p>G</p>
<p>Promote the use of native species in all planting schemes.</p>	<p>Ongoing</p>	<p>Undertaken for all landscaping schemes through planning. Internal council departments and external organisations also advised as appropriate</p>	<p>G</p>
<p>Raise awareness of the importance of Parks and gardens and encourage more sympathetic management.</p>	<p>Ongoing</p>	<p>Events carried out throughout the parks to promote biodiversity, including planting events, bat & bird walks and bee events.</p> <p>Newcastle A variety of events are held by Rangers at all the City's main parks.</p>	<p>G</p>
<p>Promote and enhance biodiversity in all park regeneration schemes and ensure that protected species issues are taken into consideration.</p>	<p>Ongoing</p>	<p>Biodiversity events carried out in Benton Quarry Park, Rising Sun, Springfield Park, Northumberland Park and Killingworth Lake Park including wildlife walks, bat events, bird feeding activities,</p>	<p>G</p>

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		<p>plug and wildflower planting etc.</p> <p>Killingworth Lake Park Flood Alleviation Scheme is including biodiversity mitigation and enhancement within the scheme.</p> <p>Newcastle Ecological advice and guidance has been provided on all the City's parks ready for the formation of the Parks Trust.</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>Newcastle Friends of Jesmond Old Cemetery and St James Churchyard manage the sites for wildlife.</p>	G

Native Woodland Targets	Target Date	Action 2017/18	Status
Maintain current extent of ancient semi-natural woodland.	Ongoing	Current extent maintained in North Tyneside and Newcastle.	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.</p> <p>Woodland works undertaken in</p>	G

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		<p>Holywell Dene by Friends of Holywell Dene.</p> <p>Woodland management (thinning) undertaken in RSCP</p> <p>S106 funds secured for woodland management works in RSCP.</p> <p>Newcastle Projects: S106 funds secured for woodland management works in: Middle Callerton, Hazlerigg and Newbiggin Dene</p>	
Create native woodland on 10 new sites.	2015	<p>Target Completed. Additional schemes 2017/18 include:-</p> <p>New native woodland secured through planning conditions at Station Road West, Killingworth Drive, Backworth and East Wideopen Farm</p> <p>Newcastle: New native woodland secured through planning conditions at East Middle Callerton, West Middle Callerton and Hazlerigg housing schemes and Brenkley Opencast site.</p>	G
Promote the value of native woodland to the public by undertaking 4 events per year.	Annually	<p>Tree planting events carried out by Friends of Holywell Dene, and Red House Ramble</p> <p>Newcastle's Rangers have carried out planting events at – Havannah & Three Hills Nature Reserve and Jesmond Dene.</p>	G

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Lowland Grassland Targets	Target Date	Action 2017/18	Status
Secure favourable management on all species rich grasslands within Local Wildlife Sites.	2021	<p>In North Tyneside:- Brierdene, , Silverlink Park, St Mary's (Currys Point Wetlands)</p> <p>Newcastle: Percy Pit, Big Waters and Havannah</p>	G
Create or restore 10ha of lowland species rich grassland.	2021	<p>This target has been completed. Additional projects in 2017/18 include:-</p> <p>13,820sqm (1.4ha) of wildflower grassland restored and created on amenity, green space and roadside verge sites in North Tyneside.</p> <p>Species rich grassland secured through the following planning applications: Killingworth Drive (Backworth) Housing Scheme, Station Road West, East Farm Wideopen.</p> <p>Wildflower areas created in Killingworth Lake Park, Rising Sun Country Park, Benton Quarry Park and Springfield Park.</p> <p>Wildflower meadows and plug planting undertaken by Friends of Brierdene and Red House Ramble.</p> <p>Newcastle Species rich grassland secured through the following planning applications: East Middle Callerton, West Middle Callerton, Throckley North, Throckley South, Hazlerigg.</p>	G

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		Brenkley Opencast restoration scheme has created 9.8ha of semi improved neutral grassland to date.	
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Scrub, Shrub & Hedgerow Targets	Target Date	Action 2017/18	Status
Create 10 ha of new native scrub/shrub.	2021	<p>Target Completed. Additional projects in 2017/18 include:-</p> <p>Large areas of scrub habitat have been secured through Planning as part of the following landscape schemes:- Killingworth Drive (Backworth), Station Road West, East Farm Wideopen.</p> <p>Newcastle Native scrub and shrub secured through the following planning applications: East Middle Callerton, West Middle Callerton, Throckley North, Throckley South, Hazlerigg and Avant.</p> <p>Brenkley Lane Opencast restoration scheme has created 420m2 of native shrub and scrub to date. 4.5 ha of new native tree and shrub planting secured at Throckley South Development site.</p>	G

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<p>Create 5000 linear metres of native species rich hedgerow.</p>	<p>2021</p>	<p>Target completed. Additional projects for 2017/18 include:-</p> <p>Native hedgerows secured through Planning as part of the following landscape schemes:- Killingworth Drive (Backworth) Housing Scheme, Station Road West, East farm Wideopen.</p> <p>200m of native hedging planted at Holycross Cemetery</p> <p>Native hedge planting undertaken by Friends of Red House Ramble.</p> <p>Newcastle 1,600m of native hedgerow was planted at Brenkley opencast to date. In addition, 75m of mature hedgerow was translocated.</p>	<p>G</p>
<p>Improve 2000 linear metres of species poor hedgerow.</p>	<p>2021</p>	<p>Target Completed. Additional projects for 2017/18 include:-</p> <p>Hedgerow improvements secured through Planning as part of the Station Road West Housing Scheme.</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>

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Farmland Bird Targets	Target Date	Action 2017/18	Status
Promote Agri-Environment options for farmland birds, particularly in targeted areas.	Ongoing	Implemented by Natural England.	G
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. Additional projects for 2017/18 include:-</p> <p>Native hedgerows secured through Planning as part of the following landscape schemes:- Killingworth Drive (Backworth) Housing Scheme, Station Road West, East farm Wideopen.</p> <p>200m of native hedging planted at Holycross Cemetery</p> <p>Newcastle 1,600m of native hedgerow was planted at Brenkley opencast to date. In addition, 75m of mature hedgerow was translocated.</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. . Additional projects for 2017/18 include:-</p> <p>Hedgerow improvements secured through Planning as part of the Station Road West Housing Scheme.</p>	G
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

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Install nestboxes at 10 new sites for tree sparrow and barn owl.	2015	Target Completed. Additional projects for 2016/17 include:- 10 tree sparrow boxes secured through planning condition for Station Road West housing scheme.	G
Increase suitable habitat for ground nesting birds on 10 sites.	2016	Target Completed. Additional projects for 2017/18 include:- Skylark habitat secured as part of Station Road West Housing Scheme Site Grassland habitat management work at St Mary's wetlands site Newcastle Brenkley Lane Opencast - Creation of 55.8ha of species rich grassland on the larger storage mounds and 10.4ha on the progressive restoration to date. S106 funding secured for farmland birds at East Middle Callerton, West Middle Callerton and Hazlerigg.	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 2017/18	Status
Ensure that every demolition or renovation project provides at least one bat box on the new building.	Annually	North Tyneside: 60+ bat boxes/features secured through Planning on sites such as Station Road West, Mylord Crescent, East Wideopen Farm, Wallington Court, Formica, Lidl, Killingworth, Killingworth Drive.	G

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		<p>Bat boxes:</p> <p>Dinnington South – 20</p> <p>NGP Cell C – 30</p> <p>Dinnington North – 6</p> <p>Avant housing – 15</p> <p>Benfield School – 2</p> <p>Walker Rd Apartments – 3</p> <p>Throckley South – 8</p> <p>Havannah – 4</p> <p>High Beeches – 4</p>	
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 2017/18 include:-</p> <p>North Tyneside: See woodland, hedge, shrub and wetland targets.</p> <p>Newcastle: See woodland, hedge, shrub and wetland targets.</p>	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 2017/18	Status
Ensure that all great crested newt sites are managed in a way that will maintain the viability of the population.	Annually	<p>Works undertaken to GCN pond in RSCP (de-silting) to increase open water and improve habitat.</p> <p>Works undertaken to GCN pond in Silverlink Park to increase open water and improve habitat.</p> <p>Newcastle</p>	G

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		S106 secured for works to GCN ponds at Havannah LNR.	
Raise awareness about amphibian conservation and provide advice on habitat management.	Ongoing	Advice provided to developers and Council departments implementing projects/schemes.	G
Create 10 new amphibian ponds	2016	<p>Target Completed. Additional projects for 2017/18 include:-</p> <p>New ponds secured for planning schemes at station Road West, Killingworth Drive, Backworth.</p> <p>Newcastle New ponds planned for Strategic Open Space at NGP; part of a pilot project with Natural England</p>	G
Undertake management that will enhance the biodiversity value of 10 ponds for amphibians.	2018	<p>Target Completed. Additional projects for 2017/18 include:-</p> <p>Works undertaken to GCN pond in RSCP (de-silting) to increase open water and improve habitat.</p> <p>Works undertaken to GCN pond in Silverlink Park to increase open water and improve habitat.</p> <p>Newcastle: Management of Brunton Wetlands SLCI has been conditioned as part of Cell A, Newcastle Great Park.</p>	G
Create 10 new amphibian hibernacula at suitable locations.	2016	<p>Target completed. Additional Projects for 2017/18 include:-</p> <p>6 Amphibian Hibernacular secured for Killingworth Drive, Backworth and the Algernon Cable Route Scheme Silverlink.</p>	G

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		<p>Newcastle 6 hibernacula installed at Brenkley Lane opencast restoration site.</p> <p>Hibernacula secured at: Dinnington South – 3 Throckley South – 6</p>
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Dingy Skipper Targets	Target Date	Action 2017/18	Status
Continue to survey and map the distribution of dingy skipper.	Annually	<p>Butterfly Conservation - regionally.</p> <p>Surveys requested as part of the planning process</p> <p>New Dingy skipper sites found at Howdon and Fenwick Pit Heap.</p> <p>New population recorded at Newcastle Heliport site.</p> <p>All records submitted to ERIC NE</p>	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	<p>Mitigation secured where appropriate.</p> <p>Planning permission and appeal refused for Newcastle Heliport development due to dingy skipper and species rich grasslands.</p>	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.	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	<p>All planning applications where Dingy Skipper may be affected.</p> <p>Newcastle: New Lidl store at Lemmington and Fisher Street site at Walker</p>	G

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Seek and develop opportunities to establish new colonies.	Ongoing	<p>North Tyneside: Tyne Tunnel Trading Estate, West Chirton, Weetslade, Fenwick/Eccles Colliery</p> <p>Newcastle: Proposed Lidl site at Lemmington and Calders site.</p>	G
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Otter Targets	Target Date	Action 2017/18	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	<p>Target Completed. Additional projects for 2017/18 include:-</p> <p>Riparian improvements along watercourse at RSCP</p> <p>Riparian improvements undertaken by Friends of Brierdene along Brierdene Watercourse.</p> <p>Litter Pick by Tyne River Trust along Seaton Burn Watercourse at Fordley.</p> <p>S106 received for improvements to watercourse at Little Waters</p> <p>Newcastle Groundwork and Environment Agency project improved 250m of the Ouseburn near Callerton.</p> <p>Enhancements conditioned at East Middle Callerton, West Middle Callerton, NGP Cell D and Throckley North and Throckley South.</p> <p>Hartley Burn catchment group</p>	G

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		set up to examine riparian issues.	
Ensure all operations affecting watercourses take account of otters, retaining features such as old trees, scrub and overhanging root systems.	Ongoing	All planning applications relating to watercourses carry out full surveys and impacts on otters are mitigated for. NGP, Cell C, otter features to be created.	G
Limit accidental killing of otters on roads, by providing suitable underpasses where appropriate.	Ongoing	Otters fully considered during NGP, Cell D, bridge over the Ouseburn. Wildlife tunnel condition within East Middle Callerton developed	G

Urban Bird Targets	Target Date	Action 2017/18	Status
Encourage public participation in urban bird surveys.	Ongoing	RSPB promoting National Bird Surveys. RSPB big garden birdwatch event in Northumberland Park. Bird surveys regularly undertaken in Brierdene by the Friends of Brierdene. Newcastle Peregrine Falcon project- Volunteers trained to survey for peregrines along River Tyne Quayside. Bird Club and RSPB carry out regular monitoring of Kittiwakes on the Newcastle Quayside.	G
Encourage winter feeding of urban birds on an annual basis through public events and/or the media.	Autumn/Winter	Undertaken through 'Parks' events e.g Rising Sun, Northumberland Park Undertaken through Ranger	G

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		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 e.g Rising Sun, Friends of Benton Village Green 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: 135+ bird boxes/features through planning mitigation e.g. Station Road West, Killingworth Drive, Backworth, Formica, North Shields, East Wideopen Farm, Wallington Court, Lidl, Killingworth. Bird boxes installed on properties in Newcastle: Dinnington South – 15 NGP Cell C – 30 Dinnington North – 6 Avant housing – 18 Benfield School – 4 Walker Rd Apartments – 3 Throckley South – 20 Havannah – 13 Blucher Terrace – 3	G
Encourage developers to incorporate nesting features on all new development projects through the planning process.	Ongoing	See above	G

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Water Vole Targets	Target Date	Action 2017/18	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>Target Completed. Additional projects for 2017/18 include:-</p> <p>Riparian improvements along watercourse at RSCP</p> <p>Riparian improvements along Brierdene undertaken by Friends of Brierdene</p> <p>Litter Pick by Tyne River Trust along Seaton Burn Watercourse at Fordley.</p> <p>S106 received for improvements to watercourse at Little Waters</p> <p>Newcastle Groundwork and Environment Agency project improved 250m of the Ouseburn near Callerton.</p> <p>Enhancements conditioned at East Middle Callerton, West Middle Callerton, NGP Cell D and Throckley North and Throckley South.</p> <p>Hartley Burn catchment group set up to examine riparian issues.</p>	G

Red Squirrel Targets	Target Date	Action 2017/18	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</p>	G

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		<p>Tyneside area. This involves raising awareness of the issues and carrying out red squirrel conservation in selected areas.</p> <p>New red squirrel interpretation panels have been created and installed at Havannah Local Nature Reserve.</p> <p>Red squirrel mitigation strategy has been secured as part of Hazlerigg S106 agreement; raising awareness and training will form part of this strategy.</p>	
<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 involves control of grey squirrels at red squirrel sites and strategic wildlife corridors.</p> <p>Grey squirrel control will be part of the Red squirrel mitigation strategy secured as part of Hazelrigg S106 agreement.</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 and Newcastle Rangers/Friends of Havannah.</p> <p>Newcastle Rangers and volunteers have put in new fencing to restrict access to red squirrel habitat. Habitat management is also being undertaken.</p>	<p>G</p>

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		Hoys Wood is being managed for red squirrel by Banks/ Blagdon Estates.	
Monitor grey squirrel control measures and effects to both grey squirrel and red squirrel populations through RSNE recognised methods.	Ongoing	<p>Undertaken by RSNE, Jesmond Dene Volunteers & Northumbria Natural History Society.</p> <p>The Red Squirrel Tyneside Project are monitoring squirrel populations as part of its work.</p> <p>Monitoring is to form the first part of the red squirrel mitigation strategy as part of Hazelrigg S106 agreement.</p>	G

Slow Worm Targets	Target Date	Action 2017/18	Status
Determine the current extent and distribution of habitats supporting or likely to support slow worm.	Ongoing	Reptile surveys requested at appropriate development sites.	G

Bee Targets	Target Date	Action 2017/18	Status
Promote the retention or provision of suitable nesting and over wintering sites in public and private gardens and allotments.	Ongoing	<p>Members of the public and staff advised on an ad hoc basis.</p> <p>13,820 sqm of wildflower grassland restored and created on amenity, green space and roadside verge sites in North Tyneside.</p> <p>Additional wildflower meadows created at Killingworth Lake Park and RSCP.</p> <p>Wildflower meadow seed sown along watercourse and woodland in RSCP</p> <p>Funding has been secured for a</p>	G

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		Newcastle and North Tyneside Urban Buzz Project with Buglife.	
Advise landowners on suitable management of sites for bumblebees.	Ongoing	Wildlife Gardening leaflet and bee advice on Council websites. Members of the public and staff advised on an ad hoc basis. Volunteer groups, land owners and individuals advised.	G