

Appendix 8

Methodology for Mapped and Unmapped Measures

Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	Mapping Source data and Methodology
Upland moorland and lowland heath	MH-1	Safeguard and improve the condition of upland moorland habitats (including a mosaic of upland heath, blanket bog and associated grassland, wetland, scrub and trees) and its transitional fringe, including for the benefit of associated breeding birds and other dependent species.	001	• Ensure appropriate management is implemented including rewetting, gully blocking, sphagnum reintroduction, controlling grazing, ensuring a diversity of heathland structure, controlling invasive non-native species, and managing fire risk. Visitor pressure should be monitored and managed to avoid harm to both habitats and species.	Mapped	Moors For Future project have advised best dataset associated with Upland Moorland Habitats is the NE Peaty Soils data. Blanket Bog is associated with Deep Peat areas (peat depth >40cm) Shallow Peaty Soils associated with all other habitats (peat depth <40cm) MEASURE 001: Areas of Shallow Peaty Soils and Deep Peaty Soils that are also within PDNPA Priority habitats area (any existing priority habitat) Added to this: Any priority Habitat (PDNPA Priority habitats) also within area of the two extra soils types selected for Measure004
Uplar	MH-2	Expand the upland moorland habitats	002	• Restore the blanket bog resource in areas with suitable substrate, hydrology and other conditions.	Unmapped	
		(including a mosaic of upland heath, blanket bog and associated grassland, wetland, scrub and trees) and	003	• Create and restore upland heathland (and associated grasslands, scrub and trees) by identifying areas with suitable substrate, manage to ensure nutrient status is appropriate and use heathland establishment (seeding, brash	Mapped	Remaining areas of NE Shallow Peaty Soils not in PDNPA Priority Habitat Core existing woodland, grassland, and wetland habitat areas removed (Measure areas 010, 012, 036, 037, 076)

	its transitional fringe, into appropriate areas where conditions allow,		etc) measures, ideally using local sources.		
	providing expanded habitat for breeding birds and other dependent species (upland heath assemblage).	004	• Expand and diversify moorland fringe and transitional habitat areas to provide a mosaic of grassland, heathland, scrub, trees and woodland	Mapped	Remaining areas of NE Shallow Peaty Soils not in PDNPA Priority Habitat Core existing woodland, grassland, and wetland habitat areas removed (Measure areas 010, 012, 036, 037, 076)
		005	• Create, manage, and identify new opportunities for clough woodland, integrated with other high quality moorland habitats, supporting slope stabilisation, carbon sequestration and natural flood management.	Mapped	PDNPA Core Clough woodland data cropped to 'Moorland Slopes and Cloughs' and 'Slopes and Valleys with Woodland' Landscape Character Types (PP LCA) CHECK WHEN AUTHORISED
MH-3	Improve the condition of upland peatland to support ecological functionality and increase carbon sequestration, natural flood management and water quality benefits.	006	• Improve the condition and function of peatlands through appropriate measures to rewet habitats, to revegetate bare peat, to establish appropriate vegetation, and to stabilise areas of erosion, reducing carbon emissions and creating conditions for future peat formation, carbon sequestration and improved natural flood management.	Mapped	Combined areas of DEEP AND SHALLOW PEAT from NE Peaty Soils data

	MH-4	Lowland	007	Existing lowland heathland	Mapped	Any areas from PDNPA Priority habitats and DWT Priority habitats data
		heathland in		sites are identified and		where priority hab type = Lowland heath
		Derbyshire is		prioritised for management,		
		safeguarded		restoration and enhancement		
		and well		to address bracken and scrub		
		managed, and		dominance and improve		
		the resource is		heathland structure.		
		expanded	800	Identify existing lowland	Mapped	Use same area as Measure 007.
		wherever		heathland sites to be buffered,		
		appropriate.		extended and connected,		
				ideally with new heathland but		
				alternatively with		
				complementary habitats.		
			009	Create new heathland sites,	Unmapped	
				particularly those which can be	(2)	
				delivered through quarry		
				working and restoration, new		
				development, or reversion of		
				conifer plantations over		
				suitable soils (using the Open		
				Habitats Policy decision		
				framework).		
		·	•			
Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	
	WT-1	Ancient	010	Sites are identified and in	Mapped	The core woodland sites were mapped using the following datasets, these
ρ		woodland,		positive management to		were believed to best represent the woodlands of highest biodiversity
ā		historic wood		maximise their biodiversity		value in Derbyshire and so are the highest priority parcels for ensuring
ds		pasture		value and ensure their		positive managment.
lland		parkland and		longevity.		DWT Local Wildlife Sites -Wood Pasture and Parkland sites
Woodlands and Trees		veteran trees				NE Ancient Woodland Inventory - Ancient and Semi Natural Woodland
00		are				(ASNW) sites
3		safeguarded,				NE Priority Habitat Inventory - Wood Pasture and Parkland sites
		managed and				

	in good	011	Specialist tree management	Unmapped	
	ecological		techniques are used to extend	(2)	
	condition.		the life of veteran and ancient		
			trees, and near veterans are		
			identified and recorded.		
		012	Restore Plantations on	Mapped	NE Ancient Woodland Inventory - Plantation Ancient woodlands (PAWS)
			Ancient Woodland sites to		sites
			native, locally appropriate		
			species.		
		013	Species assemblages	Unmapped	
			associated with ancient	(2, 3)	
			woodland, veteran trees and		
			historic wood pasture parkland		
			- saproxylic invertebrates and		
			fungi, lichen, bats etc - should		
			be carefully considered, and		
			their populations enhanced		
			including through specific		
			interventions where necessary.		
WT-2	Existing	014	Introduce woodland	Unmapped	
	woodland is		management plans, bringing	(2)	
	well managed		woodlands into active		
	and better for		management to accord with		
	wildlife.		UK Forestry Standards (UKFS),		
			to promote biodiversity,		
			increase resilience to climate		
			change, and maximise wider		
			environmental benefits such as		
			natural flood management or		
			carbon sequestration.		
		015	Manage and control invasive	Unmapped	
			non-native woodland species,	(2, 3)	
			pests and diseases including		
			rhododendron, grey squirrel,		
			and ash die-back.		

		016	Promote partnership working	Unmapped	
			to develop and implement a	(1)	
			landscape scale integrated	(-/	
			deer management and control		
			strategy.		
		017	Create and improve	Unmapped	
			woodland structure and	(2)	
			species diversity through	(-)	
			appropriate management		
			actions including through		
			active management, harvesting		
			and timber, planting, and the		
			use of natural processes.		
		018	Where ash dieback is	Unmapped	
			present, diversify species	(2)	
			composition and implement		
			tailored interventions at each		
			site to promote recovery and		
			increase future resilience.		
WT-3	New woodland	019	Create new UKFS compliant	Unmapped	
	creation		woodland with a preference	(2)	
	delivers more,		for semi-natural native		
	bigger and		woodland, including wet		
	better		woodland, following sound		
	connected		ecological principles and bring		
	woodland,		in to positive management.		
	maximising	020	Buffer existing woodland	Mapped	Core Sites as defined by Measure 010 - 30m area around sites to provide
	ecosystem		sites with new woodland		a protective buffer for woodland areas of high biodiversity value, standard
	service		creation and by expanding tree		guidance from NE suggests at least a 15m buffer to protect AW sites from
	benefits.		cover, to safeguard core sites		works and the DWT considers 30m suitable for minimising risk to the
			from impact, extend their		woodland.
			benefit and provide edge habitats.		Clipped to the National Forestry Inventory , to reduce liklihood of
			Habitats.		suggesting woodland creation measures on existing woodland sites
					Core existing moorland/lowland heath, grassland, and wetland habitat
					areas removed
					areas removed (Measure areas 001, 007, 036, 037, 076)

021	• Increase transitional habitats around and between woodlands to increase ecotones and establish wildlife rich dynamic mosaics.	Unmapped (2)	
022		Mapped	DWT Local Wildlife Sites - woodland sites, 250m buffer created around Natural England's Habitat Networks - Ancient Semi Natural WoodlanaNetwork enhancement Zone 2 The Network Enhancment Zone 2 for woodland highlights where actions that improve the biodiversity value and help develop landscape connectivity through the creation of habitat mosaics and/or increase in green infrastructure provision. Core existing moorland/lowland heath, grassland, and wetland habitat areas removed (Measure areas 001, 007, 036, 037, 076)
023	• New woodland creation prioritises habitat creation whilst additionally delivering nature based solutions and ecosystem services, such as Natural Flood Management and/or public access.	Mapped	EA's Working with Natural Processes to reduce flood risk (WWNP) - Catchment, floodplain and riparian woodland, clipped to subcatchments above Derbyshire EA's Communities at risk less than 50km2, ensuring highest impact. Core existing moorland/lowland heath, grassland, and wetland habitat areas removed (Measure areas 001, 007, 036, 037, 076)
024	generate naturally where possible (for example, adjacent to or close to existing high value woodland) or use planting or mixed techniques where needed.	Unmapped (2)	
025	 Planting should use locally appropriate species and a mixture of local provenance and/or climate resilient stock. 	Unmapped (2)	

		026	Take opportunities to create	Unmapped	
		020	new woodlands for example	(2)	
			around new residential	(2)	
			developments, new		
			employment land use, and		
			mineral extraction sites, as part		
			of managed change to improve		
			the area for people and		
			wildlife.		
		027	Target wood pasture	Managad	Natural Fueles de Habitat Naturalia Was dispatura and Darkland
		027		Mapped	Natural England's Habitat Networks - Wood pasture and Parkland
			parkland restoration to		Restorable habitat
			historic, neglected and relict		Areas of land where WPP is present in a degraded or fragmented form
			wood pasture parkland sites,		and which are likely to be suitable for restoration.
			planting replacement parkland		
			trees and bringing into active		
			management to ensure their		
			survival and longevity.		
WT-4	Increase trees	028	Safeguard and manage	Unmapped	
	in the wider		existing boundary trees to	(2)	
	landscape,		support their retention and		
	including field		longevity, and plant locally		
	trees, fruit		appropriate hedgerow and in-		
	trees,		field trees to diversify		
	hedgerow trees		hedgerows, provide future		
	and		mature trees in the farmed		
	watercourse		landscape, and reinforce the		
	trees,		wooded character of suitable		
	agroforestry,		landscapes.		
	and	029	Encourage trees along	Unmapped	
	wood/scrub		watercourses where	(2)	
	pasture		appropriate to provide		
	especially		multiple benefits including		
	where they can		habitat, shade/watercourse		
	reinforce the		cooling, water quality		
	local character		improvements, bank		
	as well as		stabilisation and Natural Flood		
			Management (NFM).		

		contributing to	030	Introduce appropriate	Mapped	Merge of woodland buffer areas, (Measures 20 & 22)
		biodiversity.		agroforestry options to	111	
		,		increase tree cover in farmed		
				landscapes whilst increasing		
				resilience to climate change,		
				improving soil fertility and		
				carbon sequestration. Where		
				mapped, Measures 20 and 22		
				are considered priority.		
			031	Identify and restore existing	Mapped	NE Priority Habitat Inventory - Traditional Orchard category
				and derelict traditional		
				orchards and create new		
				community orchards where		
				appropriate.		
	WT-5	Trees in the	032	Trees in the wider landscape	Unmapped	
		wider		are managed to ensure their	(2)	
		landscape are		longevity, promote		
		positively		biodiversity, improve their		
		managed, and		condition, and maintain safety,		
		ancient and		and to increase their resilience		
		veteran trees		to climate change.		
		are	033	Ancient and veteran trees in	Unmapped	
		safeguarded.		the wider landscape are	(2)	
				safeguarded and managed,		
				including considering fencing		
				or root protection measures,		
				to support their retention and		
_				longevity.		
	WT-6	Urban trees	034	Existing street trees are	Unmapped	
		become more		managed positively to promote	(2)	
		common		their longevity and are		
		throughout		replaced at the end of their		
		towns and		life.		
		cities, for	035	• Incorporate trees into street	Unmapped	
		amenity, urban		scene, open spaces, amenity	(2)	
		shading and air		areas, gardens and public open		
		quality benefits				

		as well as biodiversity.		spaces in new developments and existing urban areas.		
		blodiversity.		and existing urban areas.		
Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	
Grassland	GL-1	Safeguard and enhance high quality and species rich grassland habitats including unimproved grassland, species rich grassland and meadows, and calaminarian grassland (grassland on lead spoil).	036	Sites are identified and in positive management to maximise their biodiversity value as grasslands and for their associated species.	Mapped	DWT Local Wildlife Sites -Primary ecological classification of: Floodplain grassland semi-improved, Unimproved acid grassland, Unimproved calcareous grassland, Unimproved calcareous grassland on lime spoil, Unimproved hay meadow, Unimproved neutral grassland, Unimproved neutral/acid grassland NE Priority Habitat Inventory - Calaminarian grassland, Coastal and floodplain grazing marsh, Good quality semi improved grassland, Lowland calcareous grassland, Lowland dry acid grassland, Lowland calcareous grassland, Limestone pavement, Lowland dry acid grassland, Lowland meadow, Upland calcareous grassland, Upland hay meadow
ĬĐ	GL-2	Existing grasslands are managed, restored and enhanced to increase biodiversity (including pollinators and other invertebrates), improve resilience to	037	Existing moderate quality and neglected sites are enhanced through appropriate management to improve their species and structural diversity.	Mapped	DWT & PDNP historic surveys - priority grasslands, These areas are known to be grasslands of at least moderate quality, some may remain, many will have been lost or neglected. They provide a key opportunity for enhancement. Countryside Stewardship options from 2023 - Codes indicating management towards moderate-high quality grassland (GS2, GS5, GS6) Above datasets combined and then spatially constrained to the extent of Measure 043. This is to prioritise encouraging enhancement within areas that will contribute or enhance the grassland network.

_		climate change,	038	Species poor semi-natural	Mapped	PDNPA - improved and semi improved grasslands
		and maximise		grasslands are restored and		Countryside Stewardship Holdings from 2023 - Grassland management
		wider		diversified, and are		clear from options however unsure of proportion of areas actually
		environmental		subsequently managed to		managed for high quality grassland. Holdings provide opportunities for
		benefits such		maintain and enhance their		further enchancement.
		as natural flood		species richness and structural		Countryside Stewardship options from 2023 - Codes indicating
		managment or carbon		diversity.		management of low- moderate quality grassland (GS7,GS9, GS10, GS13, OR2, OT2, UP2)
		sequestration.				Natural England's Habitat Networks - Lowland Calcareous Grassland,
		'				Lowland Dry Acid Grassland, Lowland Meadows, Upland Calcareous
						Grassland, Upland Hay Meadows
						Habitat Restoration layers - Creation: Areas where work is underway to
						either create or restore the primary habitat.
						Natural England's Habitat Networks - Lowland Calcareous Grassland,
						Lowland Dry Acid Grassland, Lowland Meadows, Upland Calcareous
						Grassland, Upland Hay Meadows- Restorable Habitats layers: Areas of
						land, predominantly composed of existing semi-natural habitat where the
						primary habitat is present in a degraded or fragmented form and which
						are likely to be suitable for restoration.
						Above datasets combined and then spatially constrained to the extent of
						Measure 043, this is to prioritise encouraging enhancment within areas
						that will contribute or enhance the grassland network.
			039	Encourage fire planning and	Unmapped	
				preventative measures in	(1, 2, 3)	
				grassland areas.		
	GL-3	There is more	040	Take opportunities to create	Unmapped	
		species-rich		new species rich grasslands for	(2)	
		and semi-		example around new		
		natural		development, through		
		grassland,		enhanced green infrastructure.		
		which is more	041	Create high quality, species	Unmapped	
		diverse, larger		rich grasslands (calcareous,	(2)	
		and better		acidic, neutral and wet		
		connected.		grasslands as appropriate)		

				through the targeted restoration of mineral extraction sites.		
			042	Target species rich grassland creation and grassland enhancement to locations adjacent to existing high-quality grasslands sites.	Mapped	DWT Local Wildlife Sites buffered by 125m Natural England's Habitat Networks Lowland Calcareous Grassland, Lowland Dry Acid Grassland, Lowland Meadows, Upland Calcareous Grassland, Upland Hay Meadows - Fragmentation Action Zones: Land within Enhancement Zone 1 that connects existing patches of primary and associated habitats which are currently highly fragmented and where fragmentation could be reduced by habitat creation. Indicates the areas adjacent to existing high quality grassland sites that if actions are undertaken will have the largest impact on habitat connectivity. Core existing moorland/lowland heath, woodland, and wetland habitat areas removed (Measures 001, 007, 010, 012, 076)
			043	Target species rich grassland creation and grassland enhancement to locations where they can contribute to or enhance connectivity within the grassland network.	Mapped	Natural England's Habitat Networks Lowland Calcareous Grassland, Lowland Dry Acid Grassland, Lowland Meadows, Upland Calcareous Grassland, Upland Hay Meadows Network Enhancement Zone 1: Land connecting existing patches of primary and associated habitats which is likely to be suitable for creation of the primary habitat. Factors affecting suitability include: proximity to primary habitat, land use (urban/rural), soil type, slope and proximity to coast. Action in this zone likely to expand and join up Core existing moorland/lowland heath, woodland, and wetland habitat areas removed (Measures 001, 007, 010, 012, 076)
Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	

	RW-1	Improve and	044	Create in-channel features	Unmapped	
		restore		that promote flow variation	(2)	
		connectivity		and expose spawning gravels		
		of river		including the re-meandering of		
		corridors to		rivers where required.		
		restore	045	Identify and remove	Mapped	Locations provided by the Environment Agency
		natural		redundant weirs and in-		
				channel structures, allowing		
es		processes and		the free movement of fish and		
LIS		support the		the restoring natural river		
S S		free		processes.		
er		movement of	046	·	Mapped	Locations provided by the Environment Agency
/at		in-channel		movement including by the		
>		and riparian		creation of targeted fish		
Je I		species.		passage for all species (coarse,		
동				salmonid and eels), the		
<u> </u>				installation of otter ledges and other measures.		
ā			047	Develop the River Derwent as	Unmapped	
ors			047	a stronghold for native riparian	(2)	
<u> </u>				mammals including beaver,	(2)	
r				water vole and otter through		
S				habitat management,		
Je.				improved connectivity, and		
Ë				other conservation measures		
rs,				as appropriate.		
Rivers, river corridors and other watercourses			048	Identify and remove	Unmapped	
~				redundant culverts, reopening	(2, 3, 4)	
				new stretches of watercourses		
				which are available and		
				accessible to people and		
				wildlife.		
	RW-2	Improve	049	Reduce the height and profile	Unmapped	
		connectivity		of berms and banks where	(2, 4)	
		between		rivers have been over-		
		watercourses		deepened to allow rivers to		

and their floodplains to restore		spread out into their previously disconnected floodplains.		
dynamic natural processes, reduce flood risk and create	050	• Allow natural revegetation of buffer zones next to watercourses to provide space for native species to live and forage.	Mapped	EA's WFD River, Canal and Surface Water Transfer Waterbodies Cycle 2 Channel buffered by 50m
high quality semi-natural riparian habitats.	051	• Introduce new backwater and wetland features including ponds, and support the creation and restoration of floodplain meadows and associated habitats to add diversity to riparian areas and store water.	Unmapped (2)	
	052	• Increase the extent of tree and/or woodland alongside watercourses and within floodplains, including wet woodland, particularly where they contribute to natural flood management.	Mapped	EA's Working with Natural Processes to reduce flood risk (WWNP) Floodplain and riparian woodland, clipped to subcatchments above Derbyshire EA's Communities at risk less than 50km2, ensuring highest impact.
	053	 Improve the condition of wet woodland / riverside trees by promoting a varied age structure and species diversity. 	Unmapped (2)	
	054	• Explore and respond to the opportunities presented by sand and gravel extraction in the Trent and Dove valleys to help restore wetland habitat and connect the river to these sites through reduced bank heights, linking wetlands to the river, creating braided	Unmapped (2)	

		055	Implement catchment-based	Unmapped	
			approaches to the control and	(2)	
			eradication of invasive non-		
			native species that are having		
			an adverse affect on the		
			riverine system.		
		056	Identify and remove	Unmapped	
			redundant hard engineering	(2)	
			along riverbanks, giving rivers		
			space to move.		
RW-3	Improve and	057	Enhance and manage	Unmapped	
	increase the		reservoirs, their margins, and	(2)	
	biodiversity		the surrounding land to		
	value of		increase biodiversity, including		
	reservoirs and		ornithological interest.		
	canals, their	058	Reduce disturbance and	Unmapped	
	associated		other impacts to wildlife whilst	(1, 2, 3)	
	habitats and		increasing access and		
	surrounding		enjoyment of reservoirs and		
	land, whilst		surrounding land through		
	safeguarding		visitor management, the		
	their role in		creation of appropriate public		
	water supply,		access routes, and other		
	transport and		measures.		
	recreation.	059	Restore derelict canals and	Unmapped	
			reinstate missing sections to	(2)	
			create additional habitat,		
			improve ecological		
			connectivity, and relieve		
			recreational pressure from		
			other sites.		
		060	Manage existing canals and	Unmapped	
			their margins to maximise their	(2)	
			biodiversity value whilst		
			retaining and enhancing their		
			value for other uses.		

	RW-4	Improve the water quality of rivers and watercourses.	061	and diffuse sources of pollution, including sources of silt and agricultural run-off.	Unmapped (2, 4) Unmapped (2, 4)	
Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	
	FL-1	Improve ecological connectivity through the farmed landscape.	063	• Existing hedgerows are brought into good ecological management, including gapping up to improve connectivity, and the maintenance and introduction of hedgerow trees.	Mapped	Merge of woodland buffer zones (Measures 20 & 22) EXCLUDING White Peak Landscape Character Area
Farmland			064	• Replant hedgerows on former hedgerow alignments, or create new native, locally appropriate hedgerows in hedged landscapes, to improve connectivity and contribute to natural flood management.	Mapped	Merge of woodland buffer zones (Measures 20 & 22) EXCLUDING White Peak Landscape Character Area
			065	• Encourage the maintenance and appropriate management of dry stone walls, particularly where these link up other key habitats, or will benefit key species such as great crested newt or bats.	Unmapped (2, 3)	
			066	Field margins, buffer strips, and ditches and watercourses are used to improve habitat	Mapped	Merge of Grassland buffer polygons (Measure 43) and Wetland buffer polygons (Measure 83)

			connectivity and landscape permeability for species		
FI	The farmed landscape is more favourable and permeable to wildlife, particularly plants, pollinators and invertebrates,		• Where an area is mapped for measure 043 or 083 and that measure cannot be delivered, improve the farmed landscape for pollinators, including through the establishment of herbal leys, flower-rich grass margins, in-field strips, nectar strips, or leaving unsprayed areas in arable fields.	Mapped	Merge of Grassland buffer polygons (Measure 43) and Wetland buffer polygons (Measure 83) EXCLUDING Dark Peak, White Peak and South West Peak
	and farmland birds.	rmland 068	 Establish beetle banks and other areas for natural predators within arable farming. 	Unmapped (2, 3)	
		069	 Deliver interventions for the benefit of farmland birds including skylark plots, sowing of wild bird seed mix for winter cover crop, leaving stubble on cropped fields. 	Unmapped (2, 3)	
		070	 Recognise the value and potential of semi-improved grasslands and seek to deliver further improvements for biodiversity. 	Unmapped (2, 3)	
FI	FL-3 Land use practices are modified to avoid adverse impacts on the	071	• Farming practices reduce agricultural run-off, particularly to watercourses, especially where they are affecting habitats downstream.	Unmapped (2, 3)	
	wider environment, including	072	 Where grazing occurs on land adjacent to streams and rivers, access by animals is controlled 	Unmapped (2, 3)	

		freshwater habitats, air		to prevent sediment entering the watercourse.		
		quality, and soil		the watercourse.		
		health.	073	Where evidence demonstrates agricultural land is at risk of becoming a net emitter of carbon, practices are modified to deliver greater carbon sequestration.	Unmapped (2, 3)	
			074	• Implement regenerative and organic farming practices such as permanent pasture, no till/minimum tillage practices, reducing the use of artificial inputs, and the planting of deep-rooted leys, in order to improve soil condition, carbon sequestration, natural flood management and biodiversity.	Unmapped (2, 3)	
			075	Reduce and prevent harm to nearby habitats by reducing diffuse pollution and emissions to air and water, particularly ammonia from agricultural activities.	Unmapped (2, 3)	
Theme	ID	Priority	Ref	Measure	Mapped/	
Wetlands	WL-1	Safeguard and enhance wetland habitats including ponds, lowland fen, swamp, marsh, reedbed etc.	076	• Sites are identified and in positive management to maximise their biodiversity value as wetlands and for their associated species.	unmapped Mapped	DWT Local Wildlife Sites and Wetland Reserves NE Priority Habitat Inventory - Reedbeds, Purple moor grass and rush pastures, Ponds, Lowland raised bog, Lowland fens

WL-2	Existing	077	Existing moderate quality	Unmapped	
	wetlands are		and neglected ponds and	(2)	
	managed and		wetlands are restored and		
	enhanced to		enhanced through biodiversity-		
	support greater		focussed management		
	levels of		including dew ponds in the		
	biodiversity, for		White Peak.		
	example for	078	Investigate and improve	Unmapped	
	amphibians		water quality (for example	(2)	
	and		through use of buffer strips)		
	invertebrates.		where this is having a		
			detrimental effect on the		
			condition of wetlands.		
		079	Control and eradicate	Unmapped	
			invasive non-native species	(2)	
			within wetland habitats, and		
			promote good biosecurity		
			practices to restrict their		
			spread.		
WL-3	The wetland	080	Create new ponds and	Unmapped	
	resource is		wetlands for example around	(2)	
	increased,		new development, through		
	connected, and		enhanced green infrastructure		
	existing sites		or Sustainable Drainage		
	are extended		Systems (SuDS).		
	and buffered	081	Create new field ponds in	Unmapped	
	through the		appropriate locations and in	(2)	
	creation of new		areas of complementary		
	semi-natural		habitat.		
	wetlands.	082	Target new pond and	Mapped	30m buffer around Measure 076
			wetland creation to locations		
			adjacent to existing high-		Core existing moorland/lowland heath, woodland, and grassland habitat
			quality wetland sites.		areas removed
					(Measures 001, 007, 010, 012, 036, 037)
1		l			

			083	Buffer and protect existing and new pond and wetland sites, through the creation and enhancement of complementary habitats (grasslands, rough margins, tree planting) to make space for water, improve water quality and help ensure wetlands can function naturally.	Mapped	250m buffer around Measure 076 if it overlaps with woodland, moorland or grassland habitats
			084	Target wetland creation and enhancement to locations where they can contribute to or enhance connectivity within the wetland or riparian networks.	Mapped	500m buffer around Measure 076 constrained by DWT Nature Recovery Network Core existing moorland/lowland heath, woodland, and grassland habitat areas removed (Measures 001, 007, 010, 012, 036, 037)
	T			T		
Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	
Urban Environment and Infrastructure	UE-1	Urban environments become more biodiverse and permeable to wildlife.	085	Within urban settings, the most valuable habitat areas and sites for biodiversity are safeguarded and enhanced as reservoirs for wildlife in the area.	Mapped	DWT Local Wildlife Sites, PDNPA Priority habitats and DWT Priority Habitats, Local Nature Reserves, Irreplaceable habitats within urban areas (or crossing boundary)
n Environmen nfrastructure			086	Habitat creation in urban areas should use native, locally appropriate species.	Unmapped (2)	
Urban Er Infr			087	• In redeveloping brownfield land, maintain a viable resource of open mosaic habitats, and retain the most valuable sites, for the species that depend on them.	Unmapped (2)	

08	 Urban green spaces, parks, allotments, cemeteries etc are managed with biodiversity in mind, to increase their value for wildlife. 	Mapped	OS Greenspace data (Categories: Allotments or Community Growing Spaces, Cemeteries, Golf Courses, Public Parks and Gardens, and Religious Grounds) within urban areas
089	 Maximise biodiversity and appropriate public access into publicly owned sites such as country parks, Local Nature Reserves, and greenways and multi-user trails. 	Mapped	NE Country Parks, and Local Nature Reserves within urban areas
09	• Restore and improve the biodiversity value and functionality of rivers and watercourses through urban areas, address impacts from pollution and drainage, and improve visibility and accessibility to people.	Unmapped (2)	
09	 Residents are encouraged to make gardens more wildlife friendly, to increase biodiversity and habitat connectivity through urban areas. 	Unmapped (2)	
09	• Deliver new, strategic biodiversity enhancement and green infrastructure, including through land use change and habitat creation within green wedges.	Mapped	Derby City Local Plan, Green wedges data
09		Unmapped (2)	

		004	- Huban biadinanit fastura	Llaura a un a al	
		094	Urban biodiversity features	Unmapped	
			including green/brown roofs	(2)	
			and living walls are		
			implemented in the most		
			urban areas where other		
			opportunities are limited.		
		095	 Identify and control invasive 	Unmapped	
			non-native species in urban	(2)	
			areas e.g. Japanese knotweed,		
			working collaboratively to		
			develop schemes for their		
			eradication and to prevent		
			their spread.		
		096	Increase the use of	Unmapped	
			sustainable alternatives to	(2, 3)	
			chemical herbicides, pesticides,		
			insecticides etc where		
			evidence demonstrates they		
			are effective but less harmful		
			to the environment.		
UE-2	Urban' wildlife	097	Watercourses and green	Unmapped	
	species are		spaces are managed with bats	(2, 3)	
	supported,		in mind, with lighting carefully		
	particularly		considered to avoid impacts.		
	where those	098	Sustainable, permanent bat	Unmapped	
	species are in		roosting features, or bat boxes,	(2, 3)	
	need of		are incorporated into locations	, ,	
	conservation		where they can be managed		
	action.		but otherwise remain		
			undisturbed.		
		099	Nesting peregrine falcons in	Unmapped	
			urban areas are supported and	(2, 3)	
			public engagement	(2, 3)	
			encouraged.		
			chedurageu.		

		100	Wildlife friendly measures for	Unmapped	
			example bat boxes, measures	(2, 3)	
			to support urban birds,	, ,	
			hedgehog friendly		
			neighbourhoods, ponds, and		
			wildlife friendly planting are		
			incorporated into new and		
			existing development,		
			facilitated through planning		
			policy, urban design guidance		
			or local projects as		
			appropriate.		
		101	Provide for pollinators	Unmapped	
			throughout urban areas	(2, 3)	
			through pollinator friendly	, ,	
			planting in parks, gardens, and		
			other amenity areas.		
		102	Where watercourses are	Unmapped	
			present, they are afforded a	(2, 3)	
			minimum 10m buffer managed		
			to ensure there is suitable		
			cover available for water vole		
			and other species.		
UE-3	Habitat	103	Target nature recovery	Mapped	Areas of Green belt, Derby City Green Wedge, and OS Greenspaces
	creation and		action, particularly habitat		considered pertinent to Nature recorvery
	enhancement		creation and enhancement, in		(categories: Allotments or Community Growing Spaces, Cemeteries, Golf
	delivers for		areas of green belt and/or near		Courses, Public Parks and Gardens, and Religious Grounds)
	nature		to communities, to improve		that are within a 15min walk of the most deprived communities (1km
	recovery and		public access to nature,		buffer to LSOAs with a deprivation decile score of 1, 2, or 3 from NE Green
	wildlife whilst		biodiversity, and		Infrastructure data)
	maximising		environmental benefits.		
	opportunities	104	Target nature recovery action	Unmapped	
	to deliver an		to locations adjacent to	(2)	
	improved		existing sites of biodiversity		
	network of		value to create larger, more		
	locally		robust and more resilient		
	appropriate,		multifunctional blue and green		

	accessible, multifunctional green spaces, for the benefit		spaces, which are better connected for people and wildlife.		
	of people.	105	Biodiversity Net Gain and other nature recovery measures associated with development also deliver other social and environmental benefits (public access, Natural Flood Management etc), enabled through local planning policy and/or urban design guidance as appropriate.	Unmapped (2)	
		106	Local Authorities seek to identify additional sites to declare as Local Nature Reserves.	Unmapped (2)	
UE-4	Roads and other transport networks contribute positively to biodiversity.	107	Verges (and other vegetation) along existing roads, railways, greenways, and other transport corridors are managed positively, to promote biodiversity and improve connectivity across the landscape, and contribute to natural flood management.	Unmapped (2)	
		108	Biodiversity friendly measures are built in to new roads, other transport routes, and developments and include wildflower rich verges, hedgerows, native tree planting, Sustainable Drainage Systems (SuDS) and more.	Unmapped (2)	

			109	Where major roads currently	Unmapped	
			-00	cause habitat severance and	(2)	
				breaks in strategic ecological		
				networks, reconnect habitats		
				through green bridges,		
				'undergrounding' of routes,		
				etc.		
			110	New roads and transport	Unmapped	
			110	infrastructure should avoid	(2)	
				habitat severance through	(2)	
				G		
				careful routing and design, and		
				by building in wildlife		
				underpasses etc. These should		
				be retrofitted to roads where		
				feasible and where significant		
				habitat severance can be		
			444	evidenced.		
			111	Road and rail bridges over	Unmapped	
				water should allow space to	(2)	
				accommodate wildlife passage		
				even in times of flood, and		
				otter ledges etc should be		
				fitted as required.		
	T.,	1		T = 4		
Theme	ID	Priority	Ref	Measure		
	PW-1	People across	112	Environmental education		
(I)		Derbyshire are		equips children with		
<u> </u>		better		knowledge to be able to		
P		informed about		understand the natural		
₹		and more		environment and care about		
פַ		engaged with		local issues.		
People and wildlife		the natural	113	Create and increase		
ole		environment,		opportunities for training and		
Ö		through		development, including		
Pe		education and		through apprenticeships,		
		awareness		placements and taught		
		5. 1 . 5 5 500		pracerificities aria taugite		

	raising		courses, covering land	
	activities for		management, ecological	
	the benefit of			
			surveying and other nature	
	nature.		based skills.	
		114	Use education and	
			engagement to promote the	
			sustainable and appropriate	
			use of and access to the	
			natural environment to help	
			safeguard environmental	
			assets.	
		115	Install information boards	
			(and/or online and remotely	
			accessed resources) at	
			accessible or visitor focussed	
			sites explaining the biodiversity	
			interest, nature recovery value	
			and ecosystem service delivery	
			of habitats on site – to ensure	
			that site use is appropriate,	
			supportive of nature and	
			avoids harm.	
PW-2	People have	116	Conservation volunteering	
	more		opportunities increase, and	
	opportunities		there are more people	
	to actively		engaged with local green	
	engage with		spaces.	
	the natural	117	Communities are engaged to	
	environment,		support nature recovery in	
	supporting and		their area, through 'friends of'	
	delivering		groups, community tree	
	nature		planting, 'clean up' events,	
	recovery in		community wildlife gardens	
	their area.		and allotments, community	
			farming, etc.	

				ı	
		118	More people are enabled to		
			support and facilitate nature		
			recovery through species		
			recording, habitat survey,		
			citizen science, etc.		
		119	Create opportunities for		
			children and young people to		
			actively participate in nature		
			recovery projects and to		
			engage with the natural		
			environment through inititives		
			like Forest Schools.		
		120	Deliver new and improved		
			opportunities for appropriate		
			public access to, enjoyment of		
			and understanding of nature		
			and wildlife sites, to foster		
			appropriate stewardship and		
			use of the natural		
			environment.		
		121	People are enabled and		
			empowered to develop and		
			implement community-led		
			projects for nature recovery.		
PW-3	Promote the	122	Promote cooperation and		
	sharing of		collaboration between		
	knowledge,		landowners/managers and		
	information,		other practitioners to achieve		
	and best		shared goals or contribute to		
	practice to		larger environmental gains.		
	enable better	123	Share best practice to enable		
	stewardship		more effective implementation		
	and effective		of conservation action across		
	nature		wider areas, towards common		
	recovery.		goals.		

	124	Increase knowledge and	
	124	understanding of nature	
		recovery requirements and the	
		natural environment through	
		increased habitat and species	
		surveying.	
	125	Coordinate action for	
		controlling invasive non-native	
		species, including facilitating	
		collaboration, developing	
		communications and	
		engagement, and sharing best	
		practice.	
	126	 Develop an advisory and 	
		coordinating service to support	
		farmers and landowners	
		including to access funding to	
		deliver LNRS Priorities and	
		Measures.	
	127	Develop nature recovery	
		projects involving a broad	
		range of other sympathetic	
		and aligned user groups for	
		example ramblers, horseriders,	
		canoeists, anglers, shooting	
		groups, etc. to maximise their	
		impact and success and deliver	
		better outcomes for nature.	
	128	Businesses and industry are	
	120	supported to understand how	
		their operation affects the	
		natural environment, and how	
		they can positively deliver	
		nature recovery, including for	
		the benefit of business.	
		the benefit of business.	

			129	Develop a market for green		
				finance and payment for		
				ecosystem services, to		
				generate investment in nature		
				recovery and natural capital in		
				Derbyshire.		
	PW-4	Safeguard high	130	Where impacts on high		
	FVV-4	quality habitats	130	quality habitat and sensitive		
		and sensitive		species are known to exist,		
		species by		develop strategies to reduce		
		reducing the		and mitigate visitor pressures.		
		impact from	131			
		people and	131	divert visitor pressure towards		
		managing		more local and less sensitive		
		visitor		locations to reduce harm to		
		pressure.		more valuable habitats and		
		pressure.		species.		
				species.		
		•				
	Species priorities and measures					
Species	prioriti	es and measu	res			
-			1	Measure	Mapped/	
Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	
-	ID	Priority	Ref		unmapped	
-		Priority Adder (Vipera	1	Ensure core sites are	unmapped Unmapped	
-	ID	Priority	Ref	Ensure core sites are sympathetically managed for	unmapped	
-	ID	Priority Adder (Vipera	Ref 001	Ensure core sites are sympathetically managed for adder.	unmapped Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key 	Unmapped (5) Unmapped	
Theme	ID	Priority Adder (Vipera	Ref 001	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing 	unmapped Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref 001	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging 	Unmapped (5) Unmapped	
Theme	ID	Priority Adder (Vipera	Ref 001 002	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. 	Unmapped (5) Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref 001	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. Identify areas where adder 	Unmapped (5) Unmapped (5) Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref 001 002	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. Identify areas where adder could expand or disperse to 	Unmapped (5) Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref 001 002	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. Identify areas where adder could expand or disperse to and manage and enhance key 	Unmapped (5) Unmapped (5) Unmapped (5)	
-	ID	Priority Adder (Vipera	Ref 001 002	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. Identify areas where adder could expand or disperse to and manage and enhance key habitat corridors to increase 	Unmapped (5) Unmapped (5) Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref 001 002	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. Identify areas where adder could expand or disperse to and manage and enhance key habitat corridors to increase resilience and create 	Unmapped (5) Unmapped (5) Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref 001 002	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. Identify areas where adder could expand or disperse to and manage and enhance key habitat corridors to increase resilience and create sustainable populations. 	Unmapped (5) Unmapped (5) Unmapped (5)	
Theme	ID	Priority Adder (Vipera	Ref 001 002	 Ensure core sites are sympathetically managed for adder. Identify and safeguard key basking sites, maternal birthing sites and summer foraging areas. Identify areas where adder could expand or disperse to and manage and enhance key habitat corridors to increase resilience and create 	Unmapped (5) Unmapped (5) Unmapped (5)	

			establish adders in previously		
			occupied sites as necessary.		
			, ,		
		005	Raise awareness about	Unmapped	
			threats to adders.	(5)	
		006	Reduce and manage	Unmapped	
			disturbance to adder from	(5)	
			recreation, grazing and other		
			damaging management		
			activities.		
		007	Identify measures to reduce	Unmapped	
			the threat of fire.	(5)	
SP-2	Black-poplar	800	Identify, safeguard and	Mapped	Known locations of Populus nigra ssp. Betulifolia - Derbyshire Wildlife
	(Populus nigra		monitor existing trees, bringing		Trust
	ssp. Betulifolia)		them into positive		
			management, including control		
			of pests and diseases.		
		009	Increase planting of black	Unmapped	
			poplar in suitable locations,	(2)	
			predominantly within the Trent		
			Valley Washlands NCA, using		
			locally appropriate source		
			stock, whilst seeking to		
			improve the genetic variability		
			in newly planted trees.		
		010	Register black poplar stands	Unmapped	
			on Forest Reproductive	(1)	
			Materials (FRM) register.		
		011	Establish tree nurseries for	Unmapped	
			the provision of local	(1)	
			provenance trees taken from		
			registered Forest Reproductive		
			Materials (FRM) sites.		
SP-3	Common Toad	012	Identify and map breeding	Unmapped	
	(Bufo bufo)		ponds and toad road crossing	(1)	
			points.		
		013	Improve signage for toad	Unmapped	
			crossings and support	(5)	

			volunteer groups/toad crossing groups.		
		014	Ensure new development include measures such as dropped kerbs, amphibian	Unmapped (2, 5)	
			ladders, toad tunnels and fencing for mitigating impacts on toads.		
		015	• Ensure new ponds are created to meet the needs of toads.	Unmapped (2, 5)	
		016	• Enhance habitat and connectivity around key ponds.	Unmapped (5)	
		017	Biosecurity to minimise and address risks of disease.	Unmapped (5)	
SP-4	Hedgehog (Erinaceus europaeus)	018	• Create hedgehog highways that connect green space and gardens within urban areas and include gaps or holes in fences and other boundaries to improve connectivity for hedgehogs through gardens, including through new gardens in residential developments.	Unmapped (2)	
		019	• Undertake surveys to identify viable hedgehog populations and undertake targeted habitat improvement including restoring and planting new hedgerows, providing suitable scrub and grassland, and leaving field margins and headlands.	Unmapped (2)	
		020	 Encourage installation of hibernacula in gardens. 	Unmapped (2)	

		021	Reduce or eliminate pesticide use in gardens and green spaces	Unmapped (2)	
		022	 Identify barriers to movement and population interaction and install mitigation such as wildlife tunnels under roads 	Unmapped (2)	
SP-5	Hen Harrier (Circus cyaneus)	023	Support action to halt illegal persecution.	Unmapped (2)	
SP-6	Leisler's Bat (Nyctalus leisleri)	024	• Install and monitor specified bat boxes in known locations to mitigate and encourage roost sites in across strategic areas.	Unmapped (4)	
		025	Avoid felling mature trees, especially parkland trees where roosting opportunities are present.	Unmapped (2)	
		026	Map distribution and roosts.	Unmapped (1)	
		027	 Reducing disturbance and recreational pressure. 	Unmapped (4)	
SP-7	Ring Ouzel (Turdus torquatus)	028	Create moorland edge mosaics by increasing scrub and small tree cover including berry bearing rowan and bilberry.	Mapped	Areas of Deep and Shallow peat from NE Peaty Soils data, combined with areas under Measure 004 Edited to remove small area gaps/holes in data
		029	 Provide grassy foraging areas managed through extensive mixed grazing with cattle and ponies to promote a more varied vegetation structure. 	Unmapped (2)	
		030	Identification, monitoring and safeguarding of key remaining population	Unmapped (1)	

		strongholds and breeding areas.		
	03	• Manage recreational pressure on nesting sites by, for example, voluntary climbing exclusion zones during the breeding season.	Unmapped (2)	
SP-8	Water Vole (Arvicola amphibius)	eradicate pressure from introduced predators (e.g. Mink).	Unmapped (2)	
	03	• Manage riverside banks, canals, ditches, and watercourses to create areas of sunny shallow water margins with bankside vegetation but avoid overshadowing of the water from scrub or trees.	Unmapped (2)	
	03	• Restore more natural riverbanks, in appropriate locations, and reduce invasive non-native species.	Unmapped (2)	
	0:	•	Unmapped (2)	
SP-9	White-clawed Crayfish (Austropotamo bius pallipes)	• Survey watercourses to identify extant populations of White Clawed Crayfish and assess threats and options.	Unmapped (1)	
	03	• Manage and monitor ARK (safe haven) sites to ensure translocated populations are maintained	Unmapped (5)	

		038	Protect in-situ populations	Unmapped	
		038	and prioritise their habitat	(5)	
			needs by achieving consistent,	(3)	
			steady flows of good or very		
			good quality water.		
		039	Manage riverbanks to offer	Unmapped	
		033	numerous natural or artificial	(2)	
			'refuges' which offer	(2)	
			opportunities to hide from		
			predators.		
		040	Take suitable effective	Unmapped	
		040	actions to exclude American	(2)	
			Signal Crayfish if effective	(2)	
			techniques emerge.		
		041	Identify new ARK sites and	Unmapped	
			translocate WCC to new ARK	(2, 4)	
			sites.	(-) .,	
		042	Implement biosecurity	Unmapped	
		• • -	measures, particularly for	(2)	
			anglers and other people and	,	
			equipment that enters the		
			water.		
SP-10	White-letter	043	Identify suitable locations for	Unmapped	
	Hairstreak		the planting of disease	(2)	
	(Satyrium w-		resistant elm trees suited to	,	
	album)		the needs of White-letter		
			Hairstreak, with a focus on		
			sites close to existing		
			populations.		
		044	Identify and safeguard	Unmapped	
			existing populations of White-	(1)	
			letter Hairstreak.		
		045	Establish nursery for disease	Unmapped	
			resistant elm trees	(1)	
		046	Monitor the use of disease	Unmapped	
			resistant elm trees by the	(2)	
			butterflies to ensure colonies		
L					

			can be sustained throughout the lifecycle.		
		047	• Retain existing elm trees and do not fell where possible and allow elm suckers to grow where they appear.	Unmapped (2)	
		048	• Identify surviving or potentially dutch-elm disease resistant elm trees and assess their suitability for supporting White-letter Hairstreak.	Unmapped (2)	
		049	• In areas where scrub or woods show evidence of Dutch Elm disease, coppice elms on a 7 – 14-year cycle.	Unmapped (2)	
		050	Manage hedgerow shelterbelts that contain elm and avoid cutting edges where new elm suckers appear.	Unmapped (2)	
		051	Connect habitats with hedgerows containing Wych Elm (Ulmus glabra) as a hedging plant and disease resistant elms as hedgerow trees.	Unmapped (2)	
SP-11	Willow Tit (Poecile montanus)	052	 Restore and create wet woodlands with young birch, elder, willow and alder with a focus on sites close to existing/recent populations. 	Unmapped (2)	
		053	• Retain and create a supply of deadwood, such as tall snags, stumps, fallen trees, within and around wet woodland and scrub.	Unmapped (2)	

			054	 Create structural diversity and promote dense scrub growth near Willow Tit nesting sites through selective felling or the reintroduction of coppicing within damp woodlands. To improve the stability of Willow Tit populations, link up suitable habitats by creating or retaining scrub lined river corridors and mature hedgerows. 	Unmapped (2) Unmapped (2)	
				neugerows.		
Theme	ID	Priority	Ref	Measure	Mapped/ unmapped	
	SR-1	Beaver (Castor fiber)	056 057	 Undertake feasibility studies into the reintroduction of beaver to Trent/Derwent and other catchments. Raise awareness about the 	Unmapped (1) Unmapped	
ions				benefits of beaver reintroduction.	(1)	
roduct			058	• Develop a plan for addressing concerns and negative impacts from beaver.	Unmapped (1)	
Species reintroductions			059	Reintroduce beaver to the wild once Government approved.	Unmapped (4)	
Specie	SR-2	Pine marten (Martes martes)	060	• Undertake a feasibility study into the reintroduction of pine marten in Derbyshire.	Unmapped (1)	
			061	Establish a network of partners and landowner supporters and stakeholders.	Unmapped (1)	
			062	Develop a reintroduction program for pine marten	Unmapped (1)	

			063	Raise awareness about the	Unmapped	
				benefits of pine marten	(1)	
				reintroduction.		
			064	Reintroduce pine marten to	Unmapped	
				suitable areas within 5 years if	(4)	
				feasible.		
	SR-3	Black grouse	065	Undertake a feasibility study	Unmapped	
		(Lyrurus tetrix)		into the reintroduction of black	(1)	
				grouse in Derbyshire.		
			066	Establish a network of	Unmapped	
				partners and landowner	(1)	
				supporters and stakeholders.		
			067	Develop a reintroduction	Unmapped	
				program for black grouse.	(1)	
			068	Reintroduce black grouse to	Unmapped	
				suitable areas within 5 years if	(4)	
				feasible.		
	SR-4	Red-backed	069	Undertake a feasibility study	Unmapped	
		shrike (<i>Lanius</i>		into the reintroduction of red-	(1)	
		collurio)		backed shrike in Derbyshire.		
			070	Establish a network of	Unmapped	
				partners and landowner	(1)	
			071	supporters and stakeholders.Develop a reintroduction	Llamana	
			0/1	program for red-backed shrike.	Unmapped (1)	
			072	Reintroduce red-backed	Unmapped	
			0/2	shrike to suitable areas within	(4)	
				5 years if feasible.	(4)	
				years if leasible.		
Theme	ID	Priority	Ref	Measure	Mapped/	
Ineme	10	FITOTILY	IVEI	IVICASUIC	unmapped	
(1)	CA 1	Doodweed	072	a Curryon kon citas ta astablist		Areas provided by Darbyshire Wildlife Trust
Species ssemblage	SA-1	Deadwood species	073	• Survey key sites to establish an up-to-date baseline of	Unmapped	Areas provided by Derbyshire Wildlife Trust
cie		assemblage (16		species occurrence and range.	(4)	
Species semblag		species)	074	Identify key features for	Hamanad	
SF		species)	0/4	deadwood invertebrates, fungi	Unmapped	
Ö				deadwood invertebrates, fungi	(2)	

			and lichens at key		
			sites/landscapes.		
		075	Retain mature and over-	Unmapped	
			mature trees, standing and	(2)	
			fallen deadwood within the		
			key sites and in the		
			surrounding countryside.		
		076	Create artificial rot holes to	Unmapped	
			increase breeding	(2)	
			opportunities for insects.		
		077	Increase floristic diversity	Unmapped	
			within parks and wood-	(2)	
			pastures.	, ,	
		078	Ensure supply of deadwood	Unmapped	
			through tree regeneration,	(2)	
			ring-barking younger trees	,	
			where suitable.		
SA-2	Grassland fungi	079	Identification, safeguarding	Unmapped	
	(20 species)		and monitoring of important	(1)	
	(remaining sites.	,	
		080	Landowner and land	Unmapped	
			manager engagement and	(2)	
			support.	,	
		081	Enhance and appropriately	Unmapped	
			manage remaining semi-	(2)	
			natural grasslands with fungi	,	
			assemblages including ensuring		
			appropriate soil hydrology.		
		082	Avoid use of pesticides,	Unmapped	
			herbicides and fertilisers.	(2)	
		083	Graze sites extensively but	Unmapped	
			ensure short thatch free	(2)	
			swards by autumn.	(-)	
		084	Showcase successful	Unmapped	
			grassland management and	(2)	
			encourage awareness of the	(-)	
			value of grassland fungi.		
		<u> </u>	value of grassialia rangi.		

SA-3	Threatened	085	Identify and map extant	Unmapped	
	grassland flora		locations for all threatened	(1)	
	and fauna (35		plants and insects.		
	species)	086	Ensure sympathetic habitat	Unmapped	
			management at these	(2)	
			locations.		
		087	Identify threats.	Unmapped	
				(2)	
		088	Seek opportunities to expand	Unmapped	
			and increase abundance and	(2)	
			range of species along		
			corridors, stepping stone sites		
			and newly created/enhanced		
			sites.		
		089	Reintroduce plant species	Unmapped	
			where appropriate e.g. Maiden	(2)	
		000	Pink.	l la mana a a a a	
		090	Monitor species assemblage.	Unmapped (2)	
SA-4	Threatened	091	Confirm current distribution	Unmapped	
• • •	wetland flora	002	and abundance for wetland	(1)	
	and fauna (22		species.		
	species)	092	Ensure monitoring is in place	Unmapped	
			for key species.	(2)	
		093	Create new wetlands in	Unmapped	
			strategic locations to benefit	(2)	
			these species.		
		094	Improve/protect water	Unmapped	
			quality and habitat to benefit	(2)	
			key species (stonefly, mayfly,		
	-		cranefly).		
SA-5	Farmland	095	Encourage extensive grazing	Unmapped	
	wader		and appropriate rush	(2)	
	assemblage		management, avoiding cutting		
	(curlew, snipe,		and grazing during the breeding season.		
			breeding season.		

	lapwing,	096	Encourage habitat	Unmapped	
	redshank)		heterogeneity for moorland	(2)	
			edge and grassland and restore		
			ditches and wet features		
			including creating scrapes		
			within fields.		
		097	Discourage intensification	Unmapped	
			and drainage to retain wet	(2)	
			grassland and rush pasture.		
		098	Targeted predator control	Mapped	
			undertaken as part of an		
			integrated strategy to reduce		
			pressures upon priority		
			species.		
SA-6	Mixed farming	099	Supplementary feeding	Unmapped	
	bird and plant		stations over the winter.	(2)	
	assemblage (24	100	Ensure late autumn, winter	Unmapped	
	species)		and early spring seed sources	(2)	
			are available.		
		101	Avoid mowing or crop	Unmapped	
			harvesting during periods	(2)	
		102	where nests will be impacted. • Grow and maintain multi-	Llamana	
		102	species cover crops, and cut	Unmapped	
			later in the year, to provide	(2)	
			food and cover over the		
			winter.		
		103	Avoid / minimise use of	Unmapped	
		103	insecticides on grassland and	(2)	
			crops.	(-)	
		104	Set aside dedicated patches	Unmapped	
		:	of unmanaged or uncropped	(2)	
			areas with tall grasses, along		
			field boundaries and margins,		
			field corners or less productive		
			areas, particularly where they		
			will connect.		

		105	Leave arable margins.	Unmapped	
		103	Leave arable margins.	(2)	
		106	Encourage organic and	Unmapped	
		100	regenerative farming methods.	(2)	
		107	• Install nestboxes for target	Unmapped	
		107	species.		
		108	Restore / create native	(2)	
		108	hedgerow / scrub habitat.	Unmapped (2)	
		109	Create or restore farm	Unmapped	
		103	ponds.	(2)	
SA-7	Urban bird	110	Identify, monitor and	Unmapped	
	assemblage (4	110	safeguard nesting and roosting	(2)	
	species)		sites and seek to identify	(-)	
	σμουιούγ		hotspots for urban bird species		
			within this assemblage.		
		111	Incorporate universal nest	Unmapped	
			bricks for swift, starling and	(2)	
			house sparrow, as well as		
			house martin nesting cups, into		
			new development, and retrofit		
			these into existing buildings.		
		112	Increase awareness and	Unmapped	
			education about urban bird	(2)	
			species and the importance of		
			the built environment as		
			habitat for these species.		
		113	Support local action groups	Unmapped	
			to undertake surveys, and to	(2)	
			engage with		
			householders/landlords and		
			local tradespeople to increase		
			awareness of swift nests and		
			help them avoid destroying		
			access holes when undertaking		
64.6	11	44.4	repairs to buildings.	11	
SA-8	Landscape	114	Identify and record areas	Unmapped	
	mosaic		that are or have the potential	(2)	

	assemblage (18		to function as landscape		
	species)		mosaic sites.		
		115	Maintain and enhance	Unmapped	
			existing areas of mosaic	(2)	
			habitats through a		
			combination of grazing and		
			natural processes.		
		116	Create large areas of scrub,	Unmapped	
			open grassland and wetlands	(2)	
			and manage through		
			naturalistic grazing and natural		
			processes to benefit existing		
			species and encourage		
			colonisation from outside the		
			County.		