

Species that will benefit from Habitat Potential Measures (Category A Species)

Related documents:

- **Creating the list of proposed Species Priorities for the Worcestershire LNRS**
- **Species that require bespoke Potential Measures (Prioritised Category B, C and D species)**
- **Category B-D Species Assessment and Scoring Matrix**

Introduction

Some species, or assemblages of species, have been selected as LNRS Biodiversity Priorities in their own right and have bespoke Potential Measures suggested for them. Many other species are also important in Worcestershire but are likely to benefit from the general creation of more, bigger and better-connected habitat, or have a high recovery potential that does not require specific or targeted nature recovery measures.

Following Defra guidance, species on the longlist for consideration as conservation priorities in Worcestershire were assessed and assigned to one of seven categories:

Category A	Needs more / bigger / better-connected habitat	Do not require prioritisation for LNRS measures
Category B	Needs targeted habitat management	Suitable for consideration for LNRS measures
Category C	Needs improvements in environmental quality	Suitable for consideration for LNRS measures
Category D	Needs bespoke conservation action(s)	Suitable for consideration for LNRS measures
Category E	Needs better evidence base / on-the-ground action is not a priority	Unsuitable for consideration for LNRS measures
Category F	Needs action outside England	Unsuitable for consideration for LNRS measures
Category G	Vagrants / occasional visitors	Unsuitable for consideration for LNRS measures

The tables below presents those species from the longlist which were assigned by species experts to 'Category A'. They are listed alongside the habitat theme(s) whose Potential Measures they will benefit from.

Water and Wetlands Theme

	Potential Measures	Category A Species
<p>Rivers and streams</p>	<p>Habitat Potential Measures:</p> <p>Potential Measure 1 De-culvert watercourses and enhance wetland habitat</p> <p>Potential Measure 2 Create riparian buffer zones</p> <p>Potential Measure 3 Revert land to wet grassland and floodplain meadow</p> <p>Potential Measure 4 Protect and improve water resources</p> <p>Potential Measure 5 Natural flood management</p>	<p>Birds: Grey Wagtail, Reed Bunting, Mallard, Common Tern, Black-headed Gull, Common Sandpiper, Sedge Warbler, Oystercatcher, Dipper, Green Sandpiper</p> <p>Invertebrates: Scarce Four-dot Pin-palp, Two-tone Reed Beetle, Southern Yellow Splinter, <i>Macronychus quadrituberculatus</i>, Mud Snail, <i>Pomatinus substriatus</i>, <i>Stenelmis canaliculate</i>, Yellow Mayfly, Scarce Chaser, Depressed River Mussel, Common Club-Tail Dragonfly</p> <p>Mammals: Harvest Mouse, Pine Marten, Beaver, Otter, Natterer's Bat, Noctule, Daubenton's Bat, Whiskered Bat, Soprano Pipistrelle, Common Pipistrelle</p> <p>Plants: Lesser Spearwort, Slender Tufted-sedge, Brown Sedge, Marsh Willowherb, Blinks, Mudwort, Field Garlic, Delicate Stonewort, Round-fruited Rush, Flat-stalked Pondweed, Whorl-grass, Small Water-pepper, Parsley Water-dropwort, Common Valerian, Marsh Speedwell, Various-leaved Water-starwort, Distant Sedge, Long-stalked Yellow-sedge, Greater Tussock-sedge, Great Fen-sedge, Slender Spike-rush, Floating Club-rush, Wood Horsetail, Bogbean, Fine-leaved Water-dropwort, Lemon-scented Fern, Brookweed, Greater Duckweed, Common Meadow-rue, Blue Water-Speedwell, Perfoliate Pondweed, Narrow-leaved Bitter-cress, Tubular Water-dropwort, Fan-leaved Water-crowfoot, River Water-crowfoot, Rough Horsetail, Shining Pondweed, Yellow Star-of-Bethlehem, Opposite-leaved Pondweed, Ribbon-leaved Water-plantain, Bog Pondweed, Needle Spike-rush, Cowbane, Whorled Water-milfoil, Shoreweed, Bottle Sedge, Lesser Marshwort, Tassel Stonewort, Bristly Stonewort, Delicate Stonewort, Smooth Stonewort, Opposite Stonewort, Greater Dodder</p> <p>Reptiles: Grass Snake</p>

	Potential Measures	Category A Species
<p>Groundwater dependent habitats</p>	<p>Habitat Potential Measures:</p> <p>Potential Measure 4 Protect and improve water resources</p>	<p>Amphibians: Common Frog, Palmate Newt, Great Crested Newt, Smooth Newt, Palmate Newt</p> <p>Birds: Snipe, Sedge Warbler, Grasshopper Warbler, Mallard, Wren, Willow Warbler, Song Thrush, Mistle Thrush, Moorhen, Reed Bunting, Kestrel, Black-headed Gull, Common Sandpiper, Gadwall, Cuckoo, Herring Gull, Bittern, Marsh Harrier, Pochard, Shoveler, Greylag Goose, Stonechat, Grasshopper Warbler, Woodcock, Mediterranean Gull, Shelduck, Garganey, Quail, Redstart, Marsh Warbler, Marsh Tit, Redpoll, Black-necked Grebe, Green Sandpiper</p> <p>Invertebrates: Dusky Brocade, Variable Damselfly, Small Square-spot, Rosy Rustic, Shoulder-striped Wainscot, Powdered Quaker, Blood Vein, Sallow, Scarce Blue-tailed Damsfly, <i>Laccornis oblongus</i>, Dark-barred Twin-spot Carpet, Ear Moth, Knot Grass, Mouse Moth, Scarce Four-dot Pin-palp, Dark Brocade, Minor Shoulder Knot, Crescent, Rosy Minor, <i>Dryops auriculatus</i>, Southern Yellow Splinter, Sallow Guest Weevil, <i>Hydrochus elongatus</i>, Mud Snail, Yellow Mayfly, Scarce Chaser, Depressed River Mussel, Common Club-Tail Dragonfly</p> <p>Mammals: Harvest Mouse, Beaver, Pine Martin, Leisler's Bat, Brown long-eared Bat, Natterer's Bat, Daubenton's Bat, Whiskered Bat, Noctule, Soprano Pipistrelle, Common Pipistrelle</p> <p>Plants: Lesser Spearwort, Slender Tufted-sedge, Brown Sedge, Marsh Willowherb, Blinks, Mudwort, Marsh Willowherb, Blinks, Southern Marsh-orchid, Delicate Stonewort, Orange Foxtail, Round-fruited Rush, Flat-stalked Pondweed, Small Water-pepper, Star Sedge, Marsh Cinquefoil, Marsh Pennywort, Parsley Water-dropwort, Marsh Valerian, Common Valerian, Marsh Speedwell, Wild Celery, Pedunculate Water-starwort, Blunt-fruited Water-starwort, Various-leaved Water-starwort, Distant Sedge, Tawny Sedge, Long-stalked Yellow-sedge, Greater Tussock-sedge, Great Fen-sedge, Slender Spike-rush, Floating Club-rush, Wood Horsetail, Fen Bedstraw, Bulbous Rush, Blunt-flowered Rush, Bogbean, Purple Moor-grass, Fine-leaved Water-dropwort, Lemon-scented Fern, Golden Dock, Bay Willow, Brookweed, Greater Duckweed, Common Meadow-rue, Blue Water-Speedwell, Perfoliate Pondweed, Bladder-sedge, Common Cottongrass, Flea Sedge, Cross-leaved Heath, Few-flowered Spike-rush, Marsh Fragrant-orchid, Tubular Water-dropwort, Fan-leaved Water-crowfoot, River Water-crowfoot,</p>

		<p>Mare's-tail, Pennyroyal, Shining Pondweed, Opposite-leaved Pondweed, Eight-stamened Waterwort, Ribbon-leaved Water-plantain, Bog Pondweed, Needle Spike-rush, Cowbane, Frogbit, Whorled Water-milfoil, Shoreweed, Bottle Sedge, Lesser Marshwort, Rough Stonewort, Opposite Stonewort, Lesser Bearded Stonewort, Bristly Stonewort, Delicate Stonewort, Smooth Stonewort, Clustered Stonewort, Tassel Stonewort, Marsh Stitchwort, Greater Dodder</p> <p>Reptiles: Grass Snake</p>
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	Potential Measures	Category A Species
<p>Still freshwater habitats</p>	<p>Habitat Potential Measures:</p> <p>Potential Measure 4 Protect and improve water resources</p> <p>Potential Measure 6 Create wildlife ponds in low-density pond areas</p> <p>Potential Measure 7 Create and enhance wildlife ponds and surrounding habitat in high-density and high-value pond areas</p> <p>Potential Measure 38 Increase the extent, connectedness and quality of wildlife habitats within the built environment</p>	<p>Amphibians: Common Frog, Great Crested Newt</p> <p>Birds: Moorhen, Reed Bunting, Mallard, Common Tern, Black-headed Gull, Snipe, Teal, Gadwall, Herring Gull, Pochard, Shoveler, Sedge Warbler, Greylag Goose, Oystercatcher, Mediterranean Gull, Shelduck, Garganey, Marsh Harrier, Black-necked Grebe, Green Sandpiper</p> <p>Invertebrates: Variable Damselfly, Mud Snail, Scarce Four-dot Pin-palp, Scarce Chaser</p> <p>Mammals: Daubenton's Bat, Harvest Mouse, Natterer's Bat, Beaver, Whiskered Bat</p> <p>Plants: Lesser spearwort, Slender Tufted-sedge, Marsh Willowherb, Blinks, Mudwort, Delicate Stonewort, Orange Foxtail, Round-fruited Rush, Flat-stalked Pondweed, Whorl-grass, Small Water-pepper, Marsh Pennywort, Parsley Water-dropwort, Common Valerian, Marsh Speedwell, Wild Celery, Blunt-fruited Water-starwort, Greater Tussock-sedge, Great Fen-sedge, Slender Spike-rush, Floating Club-rush, Bogbean, Fine-leaved Water-dropwort, Golden Dock, Brookweed, Greater Duckweed, Blue Water-Speedwell, Tubular Water-dropwort, Fan-leaved Water-crowfoot, Mare's-tail, Pennyroyal, Shining Pondweed, Opposite-leaved Pondweed, Eight-stamened Waterwort, Ribbon-leaved Water-plantain, Bog Pondweed, Needle Spike-rush, Cowbane, Frogbit, Whorled Water-milfoil, Shoreweed, Bottle Sedge, Lesser Marshwort, Rough Stonewort, Opposite Stonewort, Lesser Bearded Stonewort, Bristly Stonewort, Delicate Stonewort, Smooth Stonewort, Clustered Stonewort, Tassel Stonewort, Marsh Stitchwort</p> <p>Reptiles: Grass Snake</p>

	Potential Measures	Category A Species
Fen, marsh, swamp and reedbed	<p>Habitat Potential Measures:</p> <p>Potential Measure 8 Create and enhance wetland habitat</p> <p>Potential Measure 9 Create and saline habitats</p>	<p>Amphibians: Common Frog, Palmate Newt, Great Crested Newt</p> <p>Birds: Snipe, Sedge Warbler, Grasshopper Warbler, Bittern, Marsh Harrier, Mallard, Wren, Moorhen, Reed Bunting, Kestrel, Black-headed Gull, Common Sandpiper, Gadwall, Cuckoo, Herring Gull, Pochard, Shoveler, Greylag Goose, Stonechat, Grasshopper Warbler, Woodcock, Mediterranean Gull, Shelduck, Garganey, Quail, Redstart, Merlin, Short-eared Owl, Marsh Warbler, Black-necked Grebe, Green Sandpiper</p> <p>Invertebrates: Dusky Brocade, Variable Damselfly, Small Square-spot, Rosy Rustic, Shoulder-striped Wainscot, Powdered Quaker, Blood Vein, Sallow, Scarce Blue-tailed Damselfly, <i>Laccornis oblongus</i>, Dark-barred Twin-spot Carpet, Ear Moth, Knot Grass, Mouse Moth, Scarce Four-dot Pin-palp, Dark Brocade, Minor Shoulder Knot, Rosy Minor, <i>Dryops auriculatus</i>, Southern Yellow Splinter, Sallow Guest Weevil, <i>Hydrochus elongatus</i>, Mud Snail, Scarce Chaser</p> <p>Mammals: Harvest Mouse, Beaver, Otter, Daubenton's Bat, Noctule, Soprano Pipistrelle, Common Pipistrelle</p> <p>Plants: Marsh Willowherb, Brown Sedge, Southern Marsh-orchid, Marsh Willowherb, Delicate Stonewort, Orange Foxtail, Round-fruited Rush, Small Water-pepper, Star Sedge, Marsh Cinquefoil, Marsh Pennywort, Parsley Water-dropwort, Marsh Valerian, Common Valerian, Marsh Speedwell, Wild Celery, Blunt-fruited Water-starwort, Various-leaved Water-starwort, Distant Sedge, Long-stalked Yellow-sedge, Greater Tussock-sedge, Great Fen-sedge, Slender Spike-rush, Floating Club-rush, Fen Bedstraw, Bulbous Rush, Blunt-flowered Rush, Bogbean, Purple Moor-grass, Fine-leaved Water-dropwort, Bay Willow, Brookweed, Common Meadow-rue, Blue Water-Speedwell, Perfoliate Pondweed, Bladder-sedge, Common Cottongrass, Flea Sedge, Cross-leaved Heath, Few-flowered Spike-rush, Marsh Fragrant-orchid, Tubular Water-dropwort, Fan-leaved Water-crowfoot, Mare's-tail, Shining Pondweed, Eight-stamened Waterwort, Ribbon-leaved Water-plantain, Bog Pondweed, Cowbane, Frogbit, Shoreweed, Bottle Sedge, Rough Stonewort, Opposite Stonewort, Lesser Bearded Stonewort, Bristly Stonewort, Delicate Stonewort, Smooth Stonewort, Clustered Stonewort, Tassel Stonewort, Bog pimpernel, Smooth-stalked Sedge, White Sedge, Cranberry, Marsh Violet, Broad-leaved Cottongrass, Flat-sedge, Marsh Arrowgrass, Marsh Stitchwort</p>

		Reptiles: Grass Snake
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	Potential Measures	Category A Species
Saline habitats	Habitat Potential Measures: Potential Measure 9 Create and restore saline habitats	Birds: Avocet, Teal, Shelduck Plants: Dittander, Wild Celery, Distant Sedge, Sea Club-rush, Rough Stonewort, Lesser Bearded Stonewort

Trees, Scrub and Woodland Theme

	Potential Measures	Category A Species
Native woodland and trees	<p>Habitat Potential Measures:</p> <p>Potential Measure 2 Create riparian buffer zones</p> <p>Potential Measure 10 Restore PAWS woodlands</p> <p>Potential Measure 11 Enhance condition of ancient semi-natural woodlands</p> <p>Potential Measure 12 Plant new woodlands and trees outside woodland</p> <p>Potential Measure 13 Enhance condition of existing woodlands for wildlife</p> <p>Potential Measure 14 Increase tree cover in the farmed landscape</p> <p>Potential Measure 15 Manage deer and squirrel numbers to protect woodland</p> <p>Potential Measure 38 Increase the extent, connectedness and quality of wildlife habitats within the built environment</p>	<p>Amphibians: Great Crested Newt, Common Frog, Smooth Newt, Palmate Newt</p> <p>Birds: House Sparrow, Wood Pigeon, Greenfinch, Dunnock, Wren, Sparrowhawk, Willow Warbler, Starling, Song Thrush, Mistle Thrush, Stock Dove, Kestrel, Cuckoo, Spotted Flycatcher, Hawfinch, Redstart, Rook, Starling, Yellowhammer, Reed Bunting, Skylark, Redpoll, Linnet, Tree Pipit, Sedge Warbler, Stonechat, Grasshopper Warbler, Woodcock, Wood Warbler, Whinchat, Redwing, Fieldfare</p> <p>Bryophytes: Knothole Moss, Lesser Smoothcap</p> <p>Fungi: Weather Earthstar, Piggyback Rosegill, Crowned Earthstar, Sessile Earthstar, Arched Earthstar, Beaked Earthstar, Rosy Earthstar, Dotted Fanvault, Woolly Rosette, Salmon Coral, Medusa Mushroom, Snakeskin Grisette, Solitary Amanita, Panther Cap, Gilded Bolete, Dark Club, Giant Club, Anemone Cup, Chestnut Bolete, Elastic Saddle, Dotted Fanvault, Ivory Woodwax, <i>Lactarius subumbonatus</i>, Golden-Gilled Bolete, Sinuous Chanterelle, Gilded Brittlegill, Velvet Brittlegill, Deceptive Knight, Deceiving Bolete, Rose Spindles, Parasitic Bolete, <i>Russula brunneoviolacea</i>, Larch Spike, Rosy Spike, Violet Crowncup, Yew Club, Ridged Tooth, Bonfire Scalycap, Charcoal Goldeneye, Resinous Bracket, Old Man of the Woods, Burnt Knight, Fused Tooth, Oak Polypore, Moor Club, Stump Pinkgill, Tiered Tooth, Goldflecked Woodwax, Goat-moth Woodwax, Yellowing Woodwax, Chaga, Aniseed Cockleshell, Alder Scalycap, Golden Scalycap, Goldleaf Shield, Velvet Shield, Zoned Rosette, Sinuous Chanterelle, Stinking Earthfan, Urchin Earthfan, Sphagnum Greyling</p> <p>Invertebrates: Grey Dagger, Green-brindled Crescent, Garden Tiger, Centre-barred Sallow, Figure of Eight, Liquorice Piercer, Small Emerald, Rosy Rustic, Brindled Beauty, Pretty Chalk Carpet, Buff Ermine, Blood Vein, Dusky Lemon Sallow, Dark-barred Twin-Spot Carpet, Marsh Tit, Flounced Chestnut, Brown-spot Pinion, Beaded Chestnut, Green-brindled Crescent, Ear Moth, Mouse Moth, Large Nutmeg, Dusky Brocade, Sprawler, Centre-barred Sallow, Broom-tip, Oak Lutestring, Small Phoenix, September Thorn, Dusky Thorn, August Thorn, Autumnal Rustic, Spinach, Southern Yellow Splinter, <i>Lithobius borealis</i>, Sallow Guest Weevil, Violet Oil Beetle, Dot Moth, Broom Moth, Drab Looper, Common Fan-foot, Argent and Sable, Shaded Broad-bar,</p>

		<p><i>Scryptia fuscula</i>, High Brown Fritillary, White-Spotted Pinion, White Ermine, Dark Brocade, Minor Shoulder Knot, Crescent, Small Square-spot, Shoulder-striped Wainscot, Purple Emperor, White Admiral, Dingy Skipper, Wood White, Lunar Yellow Underwing, Scarce Aspen Midget Moth, Grizzled Skipper, White Letter Hairstreak, Common Club-Tail Dragonfly, Glow Worm</p> <p>Lichen: <i>Ochrolechia arborea</i>, <i>Bellicidia incompta</i>, <i>Protoparmelia oleagina</i>, <i>Sphinctrina anglica</i>, <i>Chaenothecopsis nigra</i></p> <p>Mammals: Harvest Mouse, Otter, Leisler's Bat, Brown Long-eared Bat, Natterer's Bat, Noctule, Soprano Pipistrelle, Common Pipistrelle, Whiskered Bat, Daubenton's Bat, Pine Martin, Brown Hare, Beaver</p> <p>Plants: Wood Barley, Wild Strawberry, Ragged Robin, Climbing Corydalis, Lily-of-the-valley, Violet Helleborine, Great Lettuce, Fragrant Agrimony, Water-purslane, Field Garlic, Yellow Bird's-nest, Large-leaved Lime, Meadow Saffron, Bell Heather, Common Valerian, Intermediate Lady's-mantle, Narrow Male-fern, Green-flowered Helleborine, Wood Horsetail, Bulbous Rush, Narrow-leaved Everlasting-pea, Mountain Melick, Lemon-scented Fern, Eared Willow, Lesser Skullcap, Bladder-sedge, Narrow-leaved Bitter-cress, Wood Vetch, Rough Horsetail, Chaffweed, Yellow Star-of-Bethlehem, Petty Whin, Wild Liquorice, Goldenrod, Broad-leaved Cottongrass, Bird's-nest Orchid, Common Cow-wheat, Wood Fescue, Oak Fern, Wood Crane's Bill, Tassel Stonewort, Common Wintergreen, Soft-leaved Sedge, Spreading Bellflower, Bluebell, Lesser Centaury, Round-leaved Dogrose</p> <p>Reptiles: Slow Worm, Grass Snake, Common Lizard</p>
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	Potential Measures	Category A Species
Hedgerows	<p>Habitat Potential Measures:</p> <p>Potential Measure 16 Create new hedgerows</p> <p>Potential Measure 17 Enhance condition of hedgerows</p>	<p>Amphibians: Great Crested Newt, Smooth Newt, Palmate Newt</p> <p>Birds: House Sparrow, Wood Pigeon, Greenfinch, Dunnock, Wren, Sparrowhawk, Willow Warbler, Starling, Song Thrush, Mistle Thrush, Stock Dove, Kestrel, Cuckoo, Spotted Flycatcher, Hawfinch, Redstart, Rook, Starling, Yellowhammer, Reed Bunting, Skylark, Redpoll, Linnet, Tree Pipit, Sedge Warbler, Stonechat, Grasshopper Warbler, Whinchat, Lesser Spotted Woodpecker, Nightjar, Redwing, Fieldfare</p>

	<p>Potential Measure 18 Increase numbers of hedgerow trees</p> <p>Potential Measure 28 Plant hedgerow fruit trees</p>	<p>Invertebrates: Grey Dagger, Green-brindled Crescent, Garden Tiger, Centre-barred Sallow, Figure of Eight, Liquorice Piercer, Small Emerald, Rosy Rustic, Brindled Beauty, Pretty Chalk Carpet, Buff Ermine, Blood Vein, Dusky Lemon Sallow, Dark-barred Twin-Spot Carpet, Lackey, Wall, Glow Worm, White Ermine</p> <p>Mammals: Brown Hare, Harvest Mouse, Leisler's Bat, Brown Long-eared Bat, Natterer's Bat, Noctule, Soprano Pipistrelle, Common Pipistrelle, Whiskered Bat, Daubenton's Bat, Pine Martin</p> <p>Plants: Wild Strawberry, Ragged Robin, Slender Tufted-sedge, Brown Sedge, Marsh Willowherb, Dark Mullein, Mudwort, Orange Foxtail, Flat-stalked Pondweed, Whorl-grass, Pedunculate Water-starwort, Various-leaved Water-starwort, Narrow Male-fern, Floating Club-rush, Wood Horsetail, Blunt-flowered Rush, Narrow-leaved Everlasting-pea, Lemon-scented Fern, Eared Willow, Greater Duckweed, Knotted Hedge-parsley, Blue Water-Speedwell, Perfoliate Pondweed, Purple Ramping-fumitory, Bladder-sedge, Wood Vetch, Marsh Fragrant-orchid, Fan-leaved Water-crowfoot, Yellow Star-of-Bethlehem, Opposite-leaved Pondweed, Ribbon-leaved Water-plantain, Bog Pondweed, Cowbane, Frogbit, Whorled Water-milfoil, Lesser Marshwort, Tassel Stonewort, Bristly Stonewort, Delicate Stonewort, Smooth Stonewort, Opposite Stonewort, Bithynian Vetch, Greater Broomrape, Greater Dodder, Barberry, Round-leaved Dogrose</p> <p>Reptiles: Slow Worm, Grass Snake</p>
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	Potential Measures	Category A Species
<p>Wood pasture and parkland</p>	<p>Habitat Potential Measures:</p> <p>Potential Measure 19 Enhance wood pasture and parkland habitat</p> <p>Potential Measure 20 Create new wood pasture and parkland habitat</p>	<p>Amphibians: Common frog, Smooth Newt, Palmate newt, Great Crested Newt</p> <p>Birds: Woodpigeon, Greenfinch, Dunnock, Wren, Rook, Sparrowhawk, Starling, Song Thrush, Mistle Thrush, Stock Dove, Kestrel, Cuckoo, Spotted Flycatcher, Hawfinch, Redstart, Redpoll, Lesser Spotted Woodpecker</p> <p>Bryophyte: Knothole Moss</p> <p>Fungi: Piggyback Rosegill, Whiskered Bat, Gilded Bolete, Beeswax Bracket, Deceiving Bolete, Solitary Amanita, Panther Cap, Oak Polypore, Dark Club, Resinous Bracket, Tiered Tooth, Bearded Tooth, Zoned Rosette</p>

		<p>Invertebrates: Noble Chafer, Violet Click Beetle, Red-horned Cardinal Click Beetle, Caterpillar-hunter (lesser searcher), Dark Crimson Underwing, <i>Scryptia fuscula</i>, Buff Ermine</p> <p>Lichen: <i>Ochrolechia arborea</i>, <i>Bellicidia incompta</i>, <i>Protoparmelia oleagina</i>, <i>Sphinctrina anglica</i>, <i>Cresponea premnea</i></p> <p>Mammals: Brown Hare, Harvest Mouse, Leisler's Bat, Brown long-eared Bat, Natterer's Bat, Noctule, Pine Marten, Soprano Pipistrelle, Common Pipistrelle</p> <p>Plants: Large-leaved Lime, Bluebell</p> <p>Reptiles: Grass Snake, Slow Worm</p>
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	Potential Measures	Category A Species
Existing and future ancient and veteran trees	<p>Habitat Potential Measures:</p> <p>Potential Measure 13 Enhance condition of existing woodlands for wildlife</p> <p>Potential Measure 21 Enhance condition of pre-veteran, veteran and ancient trees</p> <p>Potential Measure 22 Enhance landscape connectivity for species using veteran and ancient trees</p>	<p>Birds: Spotted Flycatcher, Redstart, Lesser Spotted Woodpecker, Redwing, Fieldfare</p> <p>Fungi: Bearded Tooth, Yellowing Woodwax, Zoned Rosette, Tiered Tooth</p> <p>Invertebrates: Noble Chafer, Violet Click Beetle, Red-horned Cardinal Click Beetle, Caterpillar-hunter (lesser searcher), Dark Crimson Underwing, Sallow Guest Weevil, Oak Lutestring, Southern Yellow Splinter, <i>Lithobius borealis</i>, <i>Scryptia fuscula</i></p> <p>Lichen: <i>Ochrolechia arborea</i>, <i>Bellicidia incompta</i>, <i>Protoparmelia oleagina</i>, <i>Sphinctrina anglica</i>, <i>Cresponea premnea</i></p> <p>Mammals: Leisler's Bat, Brown long-eared Bat, Natterer's Bat, Noctule, Pine Marten</p>

	Potential Measures	Category A Species
Scrub	Habitat Potential Measures:	<p>Birds: Dunnock, Wren, Greenfinch, Sparrowhawk, Song Thrush, House Sparrow, Stock Dove, Woodpigeon, Cuckoo, Spotted Flycatcher, Redstart, Whinchat,</p>

	<p>Potential Measure 24 Create and enhance scrub habitat</p>	<p>Stonechat, Yellowhammer, Linnet, Grasshopper Warbler, Tree Pipit, Ring Ouzel, Redwing, Fieldfare, Rook, Woodcock, Kestrel Invertebrates: Pretty Chalk Carpet, Green-brindled Crescent, Small Emerald, Lackey Plants: Wild Strawberry, Narrow-leaved Everlasting-pea, Eared Willow, Wild Liquorice Reptiles: Slow Worm</p>
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	Potential Measures	Category A Species
<p>Traditional orchard</p>	<p>Habitat Potential Measures:</p> <p>Potential Measure 25 Enhance wildlife value of newly created and younger orchards</p> <p>Potential Measure 26 Enhance wildlife value of older traditional orchards</p> <p>Potential Measure 27 Create new orchards</p>	<p>Birds: Greenfinch, Dunnock, Wren, Sparrowhawk, Willow Warbler, Starling, Song Thrush, Mistle Thrush, Stock Dove, Kestrel, Cuckoo, Spotted Flycatcher, Hawfinch, Redstart Fungi: Orchard Tooth Invertebrates: Noble Chafer, Mistletoe Marble, Kiss-me-slow Beetle, <i>Psylla visci</i>, <i>Anthocoris visci</i>, <i>Orthops visci</i> Mammals: Harvest Mouse, Leisler's Bat, Brown long-eared Bat, Natterer's Bat, Noctule, Pine Marten, Soprano Pipistrelle, Common Pipistrelle, Whiskered Bat Reptiles: Slow Worm</p>

Open Habitats Theme

	Potential Measures	Category A Species
Floodplain meadow and wet grassland	<p>Habitat Potential Measures:</p> <p>Potential Measure 3 Revert land to wet grassland and floodplain meadow</p>	<p>Birds: Wren, House Sparrow, Dunnock, Willow Warbler, Starling, Song Thrush, Mistle Thrush, Stock Dove, Kestrel, Cuckoo, Linnet, Grasshopper Warbler, Stonechat, Redwing, Fieldfare, Sedge Warbler, Skylark, Reed Bunting, Snipe, Marsh Harrier, Grey Wagtail, Black-headed Gull, Mallard, Oystercatcher, Common Sandpiper, Gadwall, Herring Gull, Greylag Goose, Marsh Warbler, Avocet, Teal, Shelduck, Garganey, Shoveler, Short-eared Owl, Merlin, Green Sandpiper</p> <p>Invertebrates: A wide variety of hoverflies, beetles, spiders, moths, butterflies, wasps, etc.</p> <p>Plants: Ragged Robin, Slender Tufted-sedge, Brown Sedge, Southern Marsh-orchid, Field Garlic, Delicate Stonewort, Round-fruited Rush, Meadow Saffron, Marsh Pennywort, Parsley Water-dropwort, Marsh Speedwell, Intermediate Lady's-mantle, Distant Sedge, Tawny Sedge, Long-stalked Yellow-sedge, Meadow Thistle, Slender Spike-rush, Bulbous Rush, Blunt-flowered Rush, Common Meadow-rue, Bladder-sedge, Flea Sedge, Tubular Water-dropwort, Flat-sedge, Strawberry Clover</p>

	Potential Measures	Category A Species
Lowland meadow	<p>Habitat Potential Measures:</p> <p>Potential Measure 29 Create or enhance species-rich neutral grassland</p>	<p>Amphibians: Great Crested Newt, Common Frog, Smooth Newt, Palmate Newt</p> <p>Birds: House Sparrow, Woodpigeon, Greenfinch, Dunnock, Wren, Rook, Sparrowhawk, Lesser Black-backed Gull, Starling, Song Thrush, Mistle Thrush, Meadow Pipit, Yellowhammer, Reed Bunting, Stock Dove, Kestrel, Black-headed Gull, Snipe, Skylark, Cuckoo, Herring Gull, Linnet, Tree Pipit, Stonechat, Oystercatcher, Woodcock, Mediterranean Gull, Quail, Whinchat, Redwing, Merlin, Fieldfare, Short-eared Owl</p> <p>Invertebrates: Knot Grass, Beaded Chestnut, Ear Moth, Large Nutmeg, Deep-brown Dart, Carlina Thistle Leafhopper, Liquorice Piercer, Brush-thighed Seed-eater, Rosy Rustic, <i>Longitarsus nigrofasciatus</i>, Rosy Minor, Shoulder-striped Wainscot, Black-headed Mason Wasp, Mud Snail, Grass Rivulet, Argent and Sable, Mullein Wave, Hedge Rustic, Feathered Gothic, Cinnabar, Wall Mason Bee, Violet</p>

		<p>Oil Beetle, Long-horned Bee, Rough Oil Beetle, Black Oil Beetle, Brown-Banded Carder Bee, Red-shanked Carder-bee, Large Garden Bumblebee, Wall, Small Heath, Hornet Robberfly</p> <p>Mammals: Brown Hare, Harvest Mouse, Leisler's Bat, Brown long-eared Bat, Natterer's Bat, Noctule, Soprano Pipistrelle, Common Pipistrelle</p> <p>Plants: Cornflower, Bitter-vetch, Corky-fruited Water-dropwort, Small Scabious, Knotted Hedge-parsley, Green-winged Orchid, Moonwort, Carline Thistle, Frog Orchid, Slender Hare's-ear, Moonwort, Narrow-leaved Water Dropwort, Bluebell</p> <p>Reptiles: Common Lizard, Grass Snake, Slow Worm</p>
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	Potential Measures	Category A Species
Acid grassland and lowland heathland	<p>Habitat Potential Measures:</p> <p>Potential Measure 30 Create or enhance species-rich acid grassland and lowland heathland</p>	<p>Birds: Dunnock, Wren, Sparrowhawk, Song Thrush, Mistle Thrush, Meadow Pipit, Yellowhammer, Kestrel, Skylark, Cuckoo, Linnet, Tree Pipit, Stonechat, Woodcock, Whinchat, Nightjar, Ring Ouzel, Merlin, Short-eared Owl</p> <p>Fungi: Bonfire Scalycap, Ridged Tooth, Lesser Smoothcap, Stinking Earthfan</p> <p>Invertebrates: Knot Grass, Brown-spot Pinion, Beaded Chestnut, Mouse Moth, Deep-brown Dart, Dark Brocade, Minor Shoulder Knot, <i>Carabus monilis</i>, Broom-tip, Ruby-tailed Wasp, White-line Dart, Brush-thighed Seed-eater, St. Bees Seed-eater, <i>Lithobius borealis</i>, Broom Moth, Black-headed Mason Wasp, Argent and Sable, Cinnabar, Sallow, Heath Rustic, Neglected Rustic, Small Heath, Star Sedge, Violet Oil Beetle, Long-horned Bee, Black Oil Beetle, Scarce Black Mining Bee, Kirby's Nomad bee, Small Heath, Lunar Yellow Underwing, Hornet Robberfly, White Ermine, High Brown Fritillary</p> <p>Lichen: <i>Cladonia mitis</i></p> <p>Mammals: Harvest Mouse, Leisler's Bat, Brown long-eared Bat, Natterer's Bat, Noctule, Soprano Pipistrelle, Common Pipistrelle, Whiskered Bat</p> <p>Plants: Tormentil, Pill Sedge, Common Cudweed, Smith's Pepperwort, Field Garlic, Annual Knawel, Chamomile, Maiden Pink, Smooth Cat's-ear, Heath Dog-violet, Sheep's-bit, Upright Chickweed, Hoary Cinquefoil, Shepherd's Cress, Lousewort, Harebell, Field Mouse-ear, Bitter-vetch, Bell Heather, Mat-grass, Heath Milkwort, Devil's-bit Scabious, Brown Bent, Bur Chervil, Fine-leaved Sheep's-fescue, Small</p>

		<p>Cudweed, Bird's-foot Clover, Green-ribbed Sedge, Viper's-bugloss, Bulbous Rush, Heath Rush, Purple Moor-grass, Lemon-scented Fern, Annual/Slender Pearlwort, Eared Willow, Lesser Skullcap, Flea Sedge, Cross-leaved Heath, Sea Stork's-bill, Pennyroyal, Chaffweed, Moonwort, English Stonecrop, Flixweed, Spring Vetch, Grey Hair-grass, Henbane, Autumn Lady's-tresses, Petty Whin, Heath Cudweed Spring Cinquefoil, Hairy Whitlowgrass, Greater Broomrape, Bluebell, Lesser Centaury</p> <p>Reptiles: Common Lizard, Grass Snake, Slow Worm</p>
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	Potential Measures	Category A Species
Calcareous grassland	<p>Habitat Potential Measures:</p> <p>Potential Measure 31 Create or enhance species-rich calcareous grassland</p>	<p>Birds: House sparrow, Wren, Meadow Pipit, Yellowhammer, Kestrel, Skylark, Cuckoo, Linnet, Whinchat, Woodpigeon, Dunnock, Rook, Starling, Quail, Redwing, Fieldfare, Ring Ouzel, Merlin, Short-eared Owl</p> <p>Bryophytes: Spiral Chalk-moss</p> <p>Invertebrates: Latticed Heath, <i>Longitarsus nigrofasciatus</i>, Pretty Chalk Carpet, Grass Rivulet, Chalk Hill Blue, Mullein Wave, Violet Oil Beetle, Dingy Skipper, Long-horned Bee, Rough Oil Beetle, Grizzled Skipper, Black Oil Beetle, Lunar Yellow Underwing, Hornet Robberfly, Small Blue, Wall Mason Bee</p> <p>Plants: Downy Oat-grass, Great Lettuce, Sheep's Fescue agg., Rue-leaved Saxifrage, Venus's-looking-glass, Field Garlic, Sainfoin, Field Gromwell, Slender Tare, Hound's-tongue, Dyer's Greenweed, Harebell, Quaking-grass, Autumn Gentian, Common Rock-rose, Field Scabious, Spiny Restharrow, Wild Clary, Kidney Vetch, Squinancywort, Clustered Bellflower, Viper's-bugloss, Broad-leaved Spurge, Meadow Oat-grass, Common Gromwell, Narrow-leaved Bird's-foot-trefoil, Mountain Melick, Common Broomrape, Small Scabious, Corn Parsley, Large Thyme, Vervain, Long-stalked Crane's-bill, Confused Eyebright, Few-flowered Fumitory, Greater Butterfly-orchid, Marsh Fragrant-orchid, Sea Stork's-bill, Red Hemp-nettle, Green-winged Orchid, Spring Cinquefoil, Carlina Thistle, Basil Thyme, Yellow Vetchling, Henbane, Horseshoe Vetch, Crested Hair-grass, Frog Orchid, Chalk Milkwort, Purple Milk-vetch, Wild Liquorice, Autumn Lady's-tresses, Small-leaved Sweet-briar, Strawberry Clover, Lesser Centaury</p> <p>Reptiles: Common Lizard, Grass Snake, Slow Worm</p>

	Potential Measures	Category A Species
Habitats associated with arable farmland	Habitat Potential Measures: Potential Measure 32 Expand existing populations of arable wildflowers Potential Measure 33 Create new arable wildflower sites Potential Measure 34 Create new wildlife habitats on cropped farmland	Amphibians: Great Crested Newt, Common Frog, Smooth Newt Palmate Newt Birds: House Sparrow, Woodpigeon, Greenfinch, Dunnock, Wren, Rook, Starling, Song Thrush, Mistle Thrush, Yellowhammer, Reed Bunting, Stock Dove, Kestrel, Skylark, Redpoll, Cuckoo, Herring Gull, Linnet, Tree Pipit, Sedge Warbler, Stonechat, Grasshopper Warbler, Woodcock, Quail, Whinchat, Redwing, Merlin, Fieldfare, Short-eared Owl Invertebrates: A wide variety of hoverflies, beetles, spiders, moths, butterflies, solitary bees, wasps, millipedes and harvestmen Mammals: Brown Hare, Harvest Mouse Plants: Corn Spurrey, Prickly Poppy, Common Cudweed, Smith's Pepperwort, Dark Mullein, Venus's-looking-glass, Field Garlic, Cornflower, Field Gromwell, Chicory, Wild Pansy, Musk Stork's-bill, Broad-leaved Spurge, Knotted Hedge-parsley, Purple Ramping-fumitory, Corn Buttercup, Shepherd's-needle, Small-flowered Catchfly, Weasel's-snout, Mousetail, Night-flowering Catchfly, Blue Pimpernel, Field Woundwort, Meadow Saxifrage, Spreading Hedge-parsley, Corn Chamomile, Narrow-fruited Cornsalad, Stinking Chamomile, Dwarf Spurge, Corn Marigold, Large-flowered Hemp-nettle, Red Hemp-nettle, Henbane, Spreading Bellflower, Bluebell, Strawberry Clover Reptiles: Grass Snake, Slow Worm

Landscape-scale and Linear Habitat Connectivity Theme

	Potential Measures	Category A Species
Local Sites network	<p>Habitat Potential Measures:</p> <p>Potential Measure 41 Enhance the biodiversity value of non-statutory nature conservation sites</p> <p>Potential Measure 42 Buffer and enhance habitat connectivity around and between non-statutory nature conservation sites</p>	N/A

	Potential Measures	Category A Species
Habitat connectivity within strategic nature corridors	<p>Habitat Potential Measures:</p> <p>Potential Measure 23 Create and enhance a habitat mosaic</p> <p>Potential Measure 41 Enhance the biodiversity value of non-statutory nature conservation sites</p> <p>Potential Measure 42 Buffer and enhance habitat connectivity around and between non-statutory nature conservation sites</p> <p>Potential Measure 43 Create wildlife crossings over existing rail lines</p> <p>Potential Measure 44 Create arboreal links between woodland blocks</p>	N/A

	Potential Measures	Category A Species
Road verge management for biodiversity	<p>Habitat Potential Measures:</p> <p>Potential Measure 41 Enhance the biodiversity value of non-statutory nature conservation sites</p> <p>Potential Measure 47 Enhance the biodiversity value of all road verges</p>	<p>Invertebrates: Small Heath, Glow Worm</p> <p><u>Plants [list includes road verge and railway line/embankment species]:</u> Corn Spurrey, Wild Strawberry, Field Pepperwort, Tormentil, Southern Marsh-orchid, Common Cudweed, Great Lettuce, Smith's Pepperwort, Pale Toadflax, Dark Mullein, Spear-leaved Willowherb, Alexanders, Navelwort, Venus's-looking-glass, Cornflower, Chicory, Wild Pansy, Viper's-bugloss, Musk Stork's-bill, Broad-leaved Spurge, Common Broomrape, Fiddle Dock, Bay Willow, Knotted Hedge-parsley, Purple Ramping-fumitory, Spreading Bellflower, Bithynian Vetch, Greater Broomrape, Sea Mouse-ear</p>

	Potential Measures	Category A Species
Artificial light at night	<p>Habitat Potential Measures:</p> <p>Potential Measure 45 Reduce levels of artificial light at night in the countryside</p> <p>Potential Measure 46 Reduce the impacts of artificial light at night on wildlife within the built environment</p>	<p>The measures for Priority 36 will benefit multiple species from a wide range of taxa. Reduced light pollution will directly benefit both day and night flying invertebrates, mammals such as bats, and birds. Other species that rely on those species directly impacted by the measures, for example by increasing prey availability, will also be positively impacted</p>

Earth Heritage Theme

	Potential Measures	Category A Species
Soils	<p>Habitat Potential Measures:</p> <p>Potential Measure 35 Improve soil health</p> <p>Potential Measure 36 Protect soils from erosion</p>	<p>The measures for Priority 37 and 38 will benefit multiple species from a wide range of taxa. Improving soil health and minimising soil erosion will not only positively impact significant numbers of species living in and on the land, but also aquatic species that will be positively impacted by improved water quality through reductions of soil and chemicals leaching into adjacent streams, rivers and other wetland habitats</p>
Rock and scree habitats	<p>Habitat Potential Measures:</p> <p>Potential Measure 37 Create and enhance niche biological habitats within geological exposures</p>	<p>Birds: Ring Ouzel</p> <p>Bryophyte: Wedge-leaved Screw-moss</p> <p>Invertebrates: Grayling, High Brown Fritillary</p> <p>Lichen: <i>Rhizocarpon viridiatrum</i></p> <p>Plants: Slender Sandwort, English Stonecrop</p>

Green Infrastructure Theme

	Potential Measures	Category A Species
Green spaces in the built environment	<p>Habitat Potential Measures:</p> <p>Potential Measure 38 Increase the extent, connectedness and quality of wildlife habitats within the built environment</p> <p>Potential Measure 39 Enhance community green spaces for wildlife</p> <p>Potential Measure 40 Install gully-pot escape ladders</p> <p>Potential Measure 46 Reduce the impacts of artificial light at night on wildlife within the built environment</p>	<p>These measures will benefit multiple species from a wide range of taxa. As these Priorities will improve a range of different habitat types including grassland and wetland, there are a significant number of species who will both directly and indirectly benefit from these measures.</p>

	Potential Measures	Category A Species
Prioritisation of nature recovery	<p>Habitat Potential Measures:</p> <p>Potential Measure 41 Enhance the biodiversity value of non-statutory nature conservation sites</p> <p>Potential Measure 42 Buffer and enhance habitat connectivity around and between non-statutory nature conservation sites</p> <p>Potential Measure 45 Reduce levels of artificial light at night in the countryside</p> <p>Potential Measure 46 Reduce the impacts of artificial light at night on wildlife within the built environment</p> <p>Potential Measure 48 Maximise the biodiversity value of energy infrastructure development sites</p>	<p>These measures will benefit multiple species from a wide range of taxa. As this Priority will create and improve a range of different habitat types such as grassland and wetland, there are a significant number of species who will both directly and indirectly benefit from these measures.</p>