

UK Biodiversity Action Plan Priority Species and NERC Act Species of Principal Importance for England recorded in Bedfordshire and Luton

There are currently 1149 Priority Species under the UK Biodiversity Action Plan; at least 211 (18%) have been recorded and/or are known to exist in Bedfordshire and Luton. These include:

- 40 birds
- 3 fishes
- 1 fungus
- 7 herpetiles
- 107 terrestrial invertebrates
- 11 terrestrial mammals
- 42 vascular plants

NERC Act (2006) Species of Principal Importance for England

Most UK BAP Priority Species are currently included in the list of Species of Principal Importance for England under section 41 of the Natural Environment and Rural Communities (NERC) Act (2006). Conversely, most Species of Principal Importance are also UK BAP Priority Species.

There are a few exceptions, however, one of which applies in the East of England. The Red-necked phalarope *Phalaropus lobatus* can be found as a migrant along parts of the Norfolk coast. It is included in the NERC Act list but is not a UK BAP Priority Species.

As *Phalaropus lobatus* is the only non-UK BAP species on the NERC Act list it is not considered further in this analysis.

Data sources for this study

Data for this study were compiled from the Bedfordshire and Luton Biodiversity Monitoring and Recording Centre, two County Recorders and the National Biodiversity Network (NBN). The NBN was accessed on several occasions between December 2009 and February 2010 to obtain lists of BAP species for the county.

LBAP = species which has or is covered under a Bedfordshire & Luton Species Action Plan
 EPS = European Protected Species

BIRDS

<i>Alauda arvensis subsp. arvensis/scotica</i>	Skylark ^{LBAP}
<i>Anser albifrons subsp. albifrons</i>	White-fronted Goose
<i>Anthus trivialis</i>	Tree Pipit
<i>Aythya marila</i>	Greater Scaup
<i>Branta bernicla subsp. bernicla</i>	Dark-bellied Brent Goose
<i>Caprimulgus europaeus</i>	European Nightjar
<i>Carduelis cabaret</i>	Lesser Redpoll
<i>Carduelis cannabina subsp. autochthona/cannabina</i>	Common Linnet ^{LBAP}
<i>Carduelis flavirostris subsp. benensonorum/pipilans</i>	Twite
<i>Coccothraustes coccothraustes</i>	Hawfinch
<i>Cuculus canorus</i>	Common Cuckoo
<i>Cygnus columbianus subsp. bewickii</i>	Bewick's Swan
<i>Dendrocopos minor subsp. comminutus</i>	Lesser Spotted Woodpecker
<i>Emberiza calandra subsp. calandra/clanceyi</i>	Corn Bunting ^{LBAP}
<i>Emberiza citrinella</i>	Yellowhammer
<i>Emberiza schoeniclus</i>	Reed Bunting ^{LBAP}
<i>Gavia arctica</i>	Black-throated Diver
<i>Jynx torquilla</i>	Eurasian Wryneck
<i>Lanius collurio</i>	Red-backed Shrike
<i>Larus argentatus subsp. argenteus</i>	Herring Gull
<i>Limosa limosa subsp. limosa</i>	Black-tailed Godwit
<i>Locustella naevia</i>	Common Grasshopper Warbler
<i>Lullula arborea</i>	Woodlark
<i>Melanitta nigra</i>	Common Scoter
<i>Motacilla flava subsp. flavissima</i>	Yellow Wagtail
<i>Muscicapa striata</i>	Spotted Flycatcher
<i>Numenius arquata</i>	Eurasian Curlew
<i>Passer domesticus</i>	House Sparrow
<i>Passer montanus</i>	Eurasian Tree Sparrow ^{LBAP}
<i>Perdix perdix</i>	Grey Partridge ^{LBAP}
<i>Phylloscopus sibilatrix</i>	Wood Warbler
<i>Poecile montanus subsp. kleinschmidti</i>	Willow Tit
<i>Poecile palustris subsp. palustris/dresseri</i>	Marsh Tit
<i>Prunella modularis subsp. occidentalis</i>	Dunnock/Hedge Accentor
<i>Pyrrhula pyrrhula subsp. pileata</i>	Common Bullfinch ^{LBAP}
<i>Streptopelia turtur</i>	Turtle Dove ^{LBAP}
<i>Sturnus vulgaris subsp. vulgaris</i>	Common Starling
<i>Turdus philomelos subsp. clarkei</i>	Song Thrush ^{LBAP}
<i>Turdus torquatus</i>	Ring Ouzel
<i>Vanellus vanellus</i>	Northern Lapwing ^{LBAP}

FISH (excluding purely marine species)

<i>Anguilla anguilla</i>	European Eel
<i>Cobitis taenia</i>	Spined Loach
<i>Salmo trutta</i>	Brown/Sea Trout

FUNGI

<i>Caloplaca luteoalba</i>	Orange-fruited Elm-lichen
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HERPETILES (amphibians and reptiles)

<i>Anguis fragilis</i>	Slow-worm
<i>Bufo bufo</i>	Common Toad
<i>Epidalea calamita</i>	Natterjack Toad ^{EPS}
<i>Natrix natrix</i>	Grass Snake
<i>Triturus cristatus</i>	Great-crested Newt ^{LBAP EPS}
<i>Vipera berus</i>	Adder ^{LBAP}
<i>Zootoca vivipara</i>	Common Lizard

TERRESTRIAL INVERTEBRATES

<i>Acronicta psi</i>	Grey Dagger
<i>Acronicta rumicis</i>	Knot Grass
<i>Adscita statices</i>	Forester
<i>Agrochola helvola</i>	Flounced Chestnut
<i>Agrochola litura</i>	Brown-spot Pinion
<i>Agrochola lychnidis</i>	Beaded Chestnut
<i>Allophyes oxyacanthae</i>	Green-brindled Crescent
<i>Amphipoea oculea</i>	Ear Moth
<i>Amphipyra tragopoginis</i>	Mouse Moth
<i>Andrena tarsata</i>	
<i>Apamea anceps</i>	Large Nutmeg
<i>Apamea remissa</i>	Dusky Brocade
<i>Aporophyla lutulenta</i>	Deep-brown Dart
<i>Arctia caja</i>	Garden Tiger
<i>Asteroscopus sphinx</i>	The Sprawler
<i>Atethmia centrigo</i>	Centre-barred Sallow
<i>Austropotamobius pallipes</i>	White-clawed Crayfish
<i>Blepharita adusta</i>	Dark Brocade
<i>Bombus muscorum</i>	Moss Carder-bee
<i>Bombus ruderarius</i>	Red-shanked Carder-bee
<i>Bombus ruderatus</i>	Large Garden Bumblebee
<i>Bombus subterraneus</i>	Short-haired Bumblebee
<i>Brachylomia viminalis</i>	Minor Shoulder-knot
<i>Carabus monilis</i>	Necklace Ground Beetle
<i>Caradrina morpheus</i>	Mottled Rustic
<i>Celaena leucostigma</i>	The Crescent
<i>Chesias legatella</i>	The Streak
<i>Chesias rufata</i>	Broom-tip
<i>Chiasmia clathrata</i>	Latticed Heath

TERRESTRIAL INVERTEBRATES

<i>Chortodes extrema</i>	Concolorous
<i>Chrysis fulgida</i>	Ruby-tailed Wasp
<i>Coenonympha pamphilus</i>	Small Heath
<i>Cosmia diffinis</i>	White-spotted Pinion
<i>Cossus cossus</i>	Goat Moth
<i>Cupido minimus</i>	Small Blue
<i>Cyclophora porata</i>	False Mocha
<i>Cymatophorima diluta</i>	Oak Lutestring
<i>Dasypolia templi</i>	Brindled Ochre
<i>Diarsia rubi</i>	Small Square-spot
<i>Dicycla oo</i>	Heart Moth
<i>Diloba caeruleocephala</i>	Figure of Eight
<i>Ecliptopera silaceata</i>	Small Phoenix
<i>Ennomos erosaria</i>	September Thorn
<i>Ennomos fuscantaria</i>	Dusky Thorn
<i>Ennomos quercinaria</i>	August Thorn
<i>Epirrhoe galiata</i>	Galium Carpet
<i>Erynnis tages</i>	Dingy Skipper
<i>Eugnorisma glareosa</i>	Autumnal Rustic
<i>Eulithis mellinata</i>	The Spinach
<i>Euxoa nigricans</i>	Garden Dart
<i>Euxoa tritici</i>	White-line Dart
<i>Graphiphora augur</i>	Double Dart
<i>Grapholita pallifrontana</i>	Liquorice Piercer
<i>Hamearis lucina</i>	Duke of Burgundy
<i>Heliophobus reticulata</i>	Bordered Gothic
<i>Hemaris tityus</i>	Narrow-bordered Bee Hawk-moth
<i>Hemistola chrysoprasaria</i>	Small Emerald
<i>Hepialus humuli</i>	Ghost Moth
<i>Hoplodrina blanda</i>	The Rustic
<i>Hydraecia micacea</i>	Rosy Rustic
<i>Idaea dilutaria</i>	Silky Wave
<i>Lasiommata megera</i>	Wall Brown
<i>Leptidea sinapis</i>	Wood White
<i>Limenitis camilla</i>	White Admiral
<i>Lucanus cervus</i>	Stag Beetle
<i>Lycia hirtaria</i>	Brindled Beauty
<i>Macaria wauaria</i>	V-moth
<i>Malachius aeneus</i>	Scarlet Malachite Beetle
<i>Malacosoma neustria</i>	The Lackey
<i>Melanchra persicariae</i>	Dot Moth
<i>Melanchra pisi</i>	Broom Moth
<i>Melanthia procellata</i>	Pretty Chalk Carpet
<i>Mesoligia literosa</i>	Rosy Minor
<i>Mythimna comma</i>	Shoulder-striped Wainscot

TERRESTRIAL INVERTEBRATES

<i>Noctua orbona</i>	Lunar Yellow Underwing
<i>Odynerus melanocephalus</i>	Black Headed Mason-wasp
<i>Orthonama vittata</i>	Oblique Carpet
<i>Orthosia gracilis</i>	Powdered Quaker
<i>Pechipogo strigilata</i>	Common Fan-foot
<i>Pelurga comitata</i>	Dark Spinach
<i>Polia bombycina</i>	Pale Shining Brown
<i>Pseudanodonta complanata</i>	Depressed River Mussel ^{LBAP}
<i>Pyrgus malvae</i>	Grizzled Skipper
<i>Rheumaptera hastata</i>	Argent & Sable
<i>Rhizedra lutosa</i>	Large Wainscot
<i>Saaristoa firma</i>	Triangle Hammock-spider
<i>Satyrium w-album</i>	White-letter Hairstreak
<i>Scopula marginepunctata</i>	Mullein Wave
<i>Scotopteryx bipunctaria</i>	Chalk Carpet
<i>Scotopteryx chenopodiata</i>	Shaded Broad-bar
<i>Spilosoma lubricipeda</i>	White Ermine
<i>Spilosoma luteum</i>	Buff Ermine
<i>Stilbia anomala</i>	Anomalous
<i>Tholera cespitis</i>	Hedge Rustic
<i>Tholera decimalis</i>	Feathered Gothic
<i>Timandra comae</i>	Blood-vein
<i>Trichiura crataegi</i>	Pale Eggar
<i>Truncatellina cylindrica</i>	Cylindrical Whorl-snail
<i>Tyria jacobaeae</i>	The Cinnabar
<i>Tyta luctuosa</i>	Four-spotted Moth
<i>Watsonalla binaria</i>	Oak Hook-tip
<i>Xanthia gilvago</i>	Dusky-lemon Sallow
<i>Xanthia icteritia</i>	The Sallow
<i>Xanthorhoe ferrugata</i>	Dark-barred Twin-spot Carpet
<i>Xestia agathina</i>	Heath Rustic
<i>Xestia castanea</i>	Neglected Rustic
<i>Xylena exsoleta</i>	Sword-grass

TERRESTRIAL MAMMALS

<i>Arvicola terrestris</i>	Water Vole ^{LBAP}
<i>Barbastella barbastellus</i>	Barbastelle Bat ^{EPS}
<i>Erinaceus europaeus</i>	West European Hedgehog
<i>Lepus europaeus</i>	Brown Hare
<i>Lutra lutra</i>	European Otter ^{LBAP EPS}
<i>Micromys minutus</i>	Harvest Mouse
<i>Muscardinus avellanarius</i>	Hazel Dormouse ^{LBAP EPS}
<i>Mustela putorius</i>	Polecat
<i>Nyctalus noctula</i>	Noctule Bat ^{EPS}
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle ^{EPS}

TERRESTRIAL MAMMALS

<i>Plecotus auritus</i>	Brown Long-eared Bat ^{EPS}
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VASCULAR PLANTS

<i>Aceras anthropophorum</i>	Man Orchid
<i>Adonis annua</i>	Pheasant's-eye
<i>Ajuga chamaepitys</i>	Ground-pine ^{LBAP}
<i>Astragalus danicus</i>	Purple Milk-vetch
<i>Blysmus compressus</i>	Flat-sedge
<i>Bupleurum rotundifolium</i>	Throw-wax ^{LBAP}
<i>Carum carvi</i>	Caraway
<i>Centaurea calcitrapa</i>	Red Star-thistle
<i>Centaurea cyanus</i>	Cornflower ^{LBAP}
<i>Cephalanthera damasonium</i>	White Helleborine
<i>Chenopodium urbicum</i>	Upright Goosefoot
<i>Clinopodium acinos</i>	Basil Thyme
<i>Coeloglossum viride</i>	Frog Orchid
<i>Euphrasia pseudokernerii</i>	Chalk Eyebright ^{LBAP}
<i>Galeopsis angustifolia</i>	Red Hemp-nettle ^{LBAP}
<i>Galium tricornutum</i>	Corn Cleaver ^{LBAP}
<i>Herminium monorchis</i>	Musk Orchid
<i>Hordeum marinum</i>	Sea Barley
<i>Iberis amara</i>	Wild Candytuft ^{LBAP}
<i>Juniperus communis</i>	Juniper
<i>Lolium temulentum</i>	Darnel
<i>Melampyrum cristatum</i>	Crested Cow-wheat
<i>Melittis melissophyllum</i>	Bastard Balm
<i>Mentha pulegium</i>	Pennyroyal
<i>Minuartia hybrida</i>	Fine-leaved Sandwort
<i>Monotropa hypopitys</i>	Yellow Bird's-nest
<i>Monotropa hypopitys subsp. hypophegea</i>	Bird's-nest
<i>Muscari neglectum</i>	Grape-hyacinth
<i>Oenanthe fistulosa</i>	Tubular Water-dropwort
<i>Ophrys insectifera</i>	Fly Orchid
<i>Orchis ustulata</i>	Burnt Orchid
<i>Potamogeton compressus</i>	Grass-wrack Pondweed
<i>Pulsatilla vulgaris</i>	Pasqueflower
<i>Ranunculus arvensis</i>	Corn Buttercup ^{LBAP}
<i>Scandix pecten-veneris</i>	Shepherd's-needle ^{LBAP}
<i>Scleranthus annuus</i>	Annual Knawel ^{LBAP}
<i>Silene gallica</i>	Small-flowered Catchfly
<i>Sium latifolium</i>	Greater Water-parsnip
<i>Stellaria palustris</i>	Marsh Stitchwort
<i>Tephrosieris integrifolia subsp. integrifolia</i>	Field Fleawort
<i>Torilis arvensis</i>	Spreading Hedge-parsley ^{LBAP}
<i>Valerianella rimosa</i>	Broad-fruited Cornsalad ^{LBAP}