

Draft Species Research List

SPECIES		KEY HABITAT	OTHER HABITAT	NAT BAP LIST	STATUS	LEGISLATION	POSITION IN RANGE	LOCAL RARITY	DECLINE	LOCAL THREAT	CHARACTERISTIC	OTHER ACTION PLAN
VASCULAR PLANTS												
Killarney fern	Trichomanes speciosum			P1								
Three-lobed water-crowfoot	Ranunculus tripartitus	shallow water		P1								
Ghost orchid	Epipogium aphyllum			C	RDB1							
Broad-leaved cottongrass	Eriophorum latifolium											
Hairy buttercup	Ranunculus sardous	meadows					localised		static			
Hairy rockcress	Arabis hirsuta											
Round-leaved crowfoot	Ranunculus omiophyllus											
LIVERWORTS												
a liverwort	Plagiochila britannica	Calcareous woodland	soil bank, shady walls, rocky banks	C								
floating crystalwort	Riccia fluitans	ponds					outlying (N)	rare	decline	high, indirect		
FUNGI												
Devil's bolete	Boletus satanas	Beech/Wood Pasture		P1								
A fairy club	Clavaria zollingeri	Unimproved grassland and woods		C								
fungus	Cortinarius xanthophyllus	Calcareous broad-leaved woods			pRDB							
fungus	Ganoderma resinaceum	Ancient oaks						rare (1 site)				
fungus	Strobilomyces floccopus	Soil of broad-leaved trees			pRDB	stronghold		rare (1 recent site)				

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fungus	Tricholoma inamoenum	Soil under spruce or birch			pRDB						Yes	
fungus	Uloporus lividus	Soil under Alder			pRDB			rare				
LICHEN												
a lichen	Gyalecta flotowii	base-rich bark							decline?			
a lichen	Pertusaria melanchlora				RDB EN			possibly extinct				
MAMMALS												
Brown hare	Lepus europaeus	Farmland esp. arable	Woodland Shelter-belt Hedgerow	P1			Widespread		decline	unknown		Farmland
Hedgehog	Erinaceus europaeus	Nearly all lowland habitats and suburban wood and grassland		C			Widespread					
Pine marten	Martes martes	Deciduous and conifer woodland, moorland and fell		C		Sch5	outlying (E / S)	rare	unknown	unknown	yes	Woodland
Stoat	Mustela erminea	All habitats	Avoids open spaces	C			Widespread		unknown	unknown		
Water shrew	Neomys fodiens	Unpolluted streams and rivers	ponds and ditches	C			Widespread		unknown	unknown	yes	Rivers and Floodplains
Weasel	Mustela nivalis	Wide range, not high mountains		C			Widespread		unknown	unknown		
Harvest mouse	Micromys minutus					outlying (W)	rare (1 recent site)	decline	high	yes	Research	
Yellow-necked mouse	Apodemus flavicollis	Deciduous woodland					Stronghold		unknown	unknown	yes	

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BIRDS												
Bullfinch	Pyrrhula pyrrhula	mixed farmland, hedges	woodland	P1			Widespread					
Crossbill	Loxia curvirostra	conifer woodland		C								
Dipper	Cinclus cinclus	rivers		C	cRDB				decline	low, indirect		
Golden Plover	Pluvialis arpicaria	moorland		C					decline			
Goosander	Mergus merganser	rivers		C				scarce	increasing			
Hawfinch	Coccothraustes coccothraustes	Deciduous woodland		C				rare			research	
Kingfisher	Alcedo atthis	Rivers	lakes	C	cRDB	Sch1	Widespread		decline			
Lesser Spotted Woodpecker	Dendrocops minor	woodland		C					decline			
Redshank	Tringa totanus	wet meadows		C	cRDB							
Stonechat	Saxicola torquata	uplands	commons	C	cRDB			rare				
Whinchat	Saxicola rubetra	commons	upland	C	cRDB			rare				
Woodcock	Scolopas rusticola	Deciduous woodland	coniferous woodland	C					decline			
Woodlark	Lullula arborea	heathland at edge of woodland and commons		C			extinct as breeder since late 1970s					
House sparrow							Widespread		decline			
Nightingale							outlying (NW)					
Nightjar												
Redpoll												
Sedge Warbler		dense scrub or grass near water							stable			
Teal		upland boggy pools							decline			

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BEES, WASPS AND ANTS												
Shrill carder bee	Bombus sylvarum			P1								
a bumblebee	Bombus humilis						isolated	rare	decline			
a bumblebee	Bombus jonellus	heathland					outlying	rare	decline			
a bumblebee	Bombus lapponicus	heathland					outlying (S/E)	rare	decline			
a bumblebee	Psithyrus barbutellus						Widespread	rare	decline			
a bumblebee	Psithyrus rupestris						isolated	rare	decline			
a bumblebee	Psithyrus sylvestris						Widespread	rare	decline			
Red-shanked bumblebee	Bombus ruderarius											
BETTERLES												
a water beetle	Bidessus minutissimus	shingle banks in River Wye at Glasbury		P1	RDBK		unknown					
Stag beetle	Lucanus cervus	Woodland, parkland, gardens		P1	Na		unknown					
Violet click beetle	Limoniscus violaceus	Rotting ash trees		P1	RDB2		unknown					
a rove beetle	Thinobius newberyi	River shingle		C	RDB2		unknown					
a weevil	Procas granulicollis	Beneath thick, closed canopy bracken, in debris amongst Corydalis		C	RDB1		unknown					
a bark beetle	Ernoporus caucasicus	Tilia sp.			RDBI		isolated					
a beetle	Lymexylon navale	dead / dying oak					isolated					
a cardinal beetle	Schizotus pectinicornis	Broad-leaved woodland	Dead wood under bark of oak and birch		Na		stronghold			medium, direct		

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a longhorn beetle	Mesosa nebulosa	Broad-leaved woodland, parkland.			Nb							
a riffle beetle	Macronychus quadrituberculatus	submerged wood			RDB3							
a water beetle	Graphoderus cinereus	Pool			RDB3		isolated	rare				
a weevil	Apion laevigatum	Feeds on Matricaria and Anthemis					Formerly widespread	? extinct	decline to 1970s			
Bee chafer	Trichius fasciatus	Upland woodland			Na							
Glow worm	Lampyris noctiluca	calcareous							decline			
The Musk Beetle	Aromia moschata				RDB2		isolated	rare				
BUTTERFLIES												
Brown Argus	Aricia agestis	Calcareous grassland						scarce	Decline	High, direct		
Dark green fritillary	Argynnis aglaja	open grassland/bracken	Commons					scarce	Stable	Low		
MOTHS												
Barred toothed-stripe	Trichopteryx polycommata	Broad-leaved woodland and dense privet shrub layer		P1	?Extinct Last record 1988.		isolated	rare (1 site) possibly extinct	Declined	High		
Buttoned snout	Hypnea rostralis	Hop yards, hedgerows		P1	Extinct		outlying	extinct	declined			
Common fanfoot	Pechipogo strigilata	Ancient semi-natural woodlands with open glades / coppice		P1	?Extinct			probably extinct	Declined	High		
Square-spotted clay	Xestia rhomboidea	Probably woodland	Also known fro heathland	P1				rare (1 site)				
a small moth	Sciota hostilis	Broad-leaved woodland		C	pRDB1			Rare (1 site)				

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Grey scalloped bar	<i>Dysica fagara</i>	Heather moorland esp. where burnt regularly		C				unknown				
Light feathered rustic	<i>Agrostis cinerea</i>	Short turf base-rich grassland		C								
Small eggar	<i>Eriogaster lanestris</i>	Old hedgerows, bushy scrub	Larvae on blackthorn and hawthorns	C	RDB2			rare (3 records in 25 years)				
Starwort	<i>Cucullia asteris</i>	Inland only in open / coppiced woodland, containing the foodplant wild golden rod		C				unknown, possibly extinct				
the Silurian	<i>Eriopygodes imbecilla</i>			C	RDB3							
a micro-moth	<i>Coleophora saturatella</i>	Broom dominated scrub or coppice						unknown				
a micro-moth	<i>Dystebenna stephensi</i>	Ancient hulk oaks					endemic	rare				
a micro-moth	<i>Elachista cinigilella</i>				Unknown		endemic	rare (1 site)	Decline			
Great oak beauty moth	<i>Boarmia roboraria</i>	Ancient oak woodland						rare (1 site)		medium, direct		
Grey chi		Pasture and way-side						scarce	Decline 50-100%			
Large red-belted clearwing	<i>Synanthedon culiciformis</i>	Birch 10-30 year old coppice						rare	Decline			
Mistletoe totrix	<i>Celypha woodiana</i>	Old orchards associated with foodplant mistletoe, usually on apple-trees.						scarce				

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a cranefly	Erioptera pusilla	R. Monnow			RDB1							
a cranefly	Gonomyia punctata	R. Monnow			RDB2							
a hoverfly	Rhingia rostrata				RDB3							
SPIDERS												
a wolf spider	Pardosa paludicola	Grassy clearings in woods, near ponds or peat		C	RDB3		outlying	rare	unknown	unknown		