

Cumbria BAP Species List Updated 2009

Cumbria's Biodiversity Action Plan (CBAP) was designed to implement national biodiversity targets at a local level, but with a focus on local priorities. It has many functions, from seeking to raise awareness of the major issues facing nature conservation in Cumbria, guiding work of partners and promoting and protecting BAP species within Cumbria.

At its inception the CBAP species list contained 40 species/grouped species, 21 of which had dedicated action plans with a further 19, without action plans, included in a Phase 2 list. It was originally envisaged that work on producing a further species action plans would continue apace to ensure that full recognition is given to the wide range of priority species that inhabit Cumbria. At the time of writing this means that over 200 UK BAP species are not included within Cumbria's plan. The failure to link UK and Local plans in this way means that it is not possible for all UK BAP species, present in Cumbria, to be fully conserved.

This partial list, currently in place, also presents a number of other issues. Two lists can be confusing for those not directly involved with the BAP process, not only the general public but also planners and conservation practitioners, providing mixed messages about those species considered important in Cumbria.

This is also true of funding bodies, which may consider exclusion of a species from the Cumbria list, as an admission of its relative lack of importance. Thus those not on the list may be effectively excluded from conservation action, at a local level, when need or opportunity arise.

To address the issues identified above, it is proposed that all of the UK BAP species, that are present in Cumbria, and not already included in the CBAP be added and a new single CBAP species list created. This would increase the CBAP species list from its current level of 40 species/grouped species to a total of 268. By extending the list, we can properly reflect the importance of

the county for this wide variety of priority species, highlight their importance to all stakeholders and facilitate conservation measures to protect them.

Note 1: *Those species that are not UK BAP species but were contained within the CBAP will be retained in the revised 2009 list as Local BAP species. This will reinforce the local nature of the CBAP.*

Note 2: *The original Cumbria BAP Phase 2 (no action plan) species list included a moss or liverwort however the exact species had not been decided at the CBAP's inception. This has therefore been omitted from the revised 2009 list.*

Note 3: *The 248 UK BAP species are those present on the Biodiversity Evidence Database's Cumbria Key Species Designations table under the heading UK Priority Species/ NERC Act S4. This table is maintained by Tullie House Museum and is accessible at www.lakelandwildlife.co.uk.*

Note 4: *In the future if any U.K BAP species is added to the Tullie House Biodiversity Evidence Database's Cumbria Key Species Designations table under the heading UK Priority Species/ NERC Act S4 it will be considered a Cumbria BAP species.*

Note 5: *Since the publication in 2001 of the CBAP progress on writing new species action plans has been slow. This has mainly been due to the fact the resources and time of the Technical Group is extremely limited and it has been more productive to focus on project delivery. Despite this there is scope for writing SMART new action plans to an agreed format either for single species or by grouping species under common habitats.*

Note 6: *Whilst the intention is to have a single species list there may be a need to prioritise action. Initially those species with existing action plans will be prioritised however as new plans are written the priority will expand eventually, hopefully, covering all species.*

Common name	Scientific name	UK BAP Species Recorded in Cumbria	2009 Cumbria BAP Species Updated List
FUNGI & LICHENS			
Olive Earth-tongue	<i>Microglossum olivaceum</i>	X	X
River Jelly Lichen	<i>Collema dichotomum</i>	X	X
a lichen	<i>Usnea florida</i>	X	X

a lichen	<i>Lobaria amplissima</i>		X
Purple Spindles	<i>Clavaria purpurea</i>	X	X
Bearded Tooth (fungus)	<i>Hericium erinaceum</i>	X	X
Big Blue Pinkgill	<i>Entoloma bloxamii</i>	X	X
Pink Waxcap	<i>Hygrocybe calyptraeformis</i>		X
Date-coloured Waxcap	<i>Hygrocybe spadicea</i>	X	X
Scaly Stalkball	<i>Tulostoma melanocyclum</i>	X	X
Totals		8	10
STONEWORTS			
Lesser Bearded Stonewort	<i>Chara curta</i>	X	X
Totals		1	1
MOSESSES & LIVERWORTS			
Pitted Frillwort	<i>Fossombronia foveolata</i>	X	X
Veilwort	<i>Pallavicinia lyellii</i>	X	X
Waved Fork-moss	<i>Dicranum bergeri</i>	X	X
Brown Grimmia	<i>Grimmia elongata</i>	X	X
Carrion Moss	<i>Aplodon wormskjoldii</i>	X	X

Rugged Collar-moss	<i>Splachnum vasculosum</i>	X	X
Slender Thread-moss	<i>Orthodontium gracile</i>	X	X
Derbyshire Feather-moss	<i>Thamnobryum angustifolium</i>	X	X
Slender Green Feather-moss	<i>Hamatocaulis vernicosus</i>		X
Totals		8	9
VASCULAR PLANTS			
Marsh Clubmoss	<i>Lycopodiella inundata</i>	X	X
Pillwort	<i>Pilularia globulifera</i>	X	X
Oblong Woodsia	<i>Woodsia ilvensis</i>	X	X
Holly-fem	<i>Polystichum lonchitis</i>	X	X
Juniper	<i>Juniperus communis</i>	X	X
Corn Buttercup	<i>Ranunculus arvensis</i>	X	X
Upright Goosefoot	<i>Chenopodium urbicum</i>	X	X
Prickly Saltwort	<i>Salsola kali kali</i>	X	X
Marsh Stitchwort	<i>Stellaria palustris</i>	X	X
Annual Knawel	<i>Scleranthus annuus</i>	X	X
Small-flowered Catchfly	<i>Silene gallica</i>	X	X

Downy Willow	<i>Salix lapponum</i>	X	X
Yellow Bird's-nest	<i>Monotropa hypopitys/ssp. hypophegea</i>	X	X
Marsh Saxifrage	<i>Saxifraga hirculus</i>	X	X
a lady's mantle	<i>Alchemilla minima</i>	X	X
Tubular Water-dropwort	<i>Oenanthe fistulosa</i>	X	X
Caraway	<i>Carum carvi</i>	X	X
Field Gentian	<i>Gentianella campestris</i>	X	X
Pyramidal Bugle	<i>Ajuga pyramidalis</i>	X	X
Basil Thyme	<i>Clinopodium acinos</i>	X	X
an eyebright	<i>Euphrasia rostkoviana montana</i>	X	X
an eyebright	<i>Euphrasia rivularis</i>	X	X
an eyebright	<i>Euphrasia ostenfeldii</i>	X	X
Northern Hawk's-beard	<i>Crepis mollis</i>	X	X
a hawkweed	<i>Hieracium subgracilentipes</i>	X	X
Floating Water-plantain	<i>Luronium natans</i>	X	X
Slender Naiad	<i>Najas flexilis</i>	X	X
Flat-sedge	<i>Blysmus compressus</i>	X	X

Rare Spring-sedge	<i>Carex ericetorum</i>	X	X
Glaucous Meadow-grass	<i>Poa glauca</i>	X	X
Narrow-leaved Helleborine	<i>Cephalanthera longifolia</i>	X	X
Lesser Butterfly-orchid	<i>Platanthera bifolia</i>	X	X
Small White Orchid	<i>Pseudorchis albida</i>		X
Frog Orchid	<i>Coeloglossum viride</i>	X	X
Fly Orchid	<i>Ophrys insectifera</i>	X	X
Totals		33	34
MOLLUSCS			
Mud Snail	<i>Omphiscola glabra</i>	X	X
Sandbowl Snail	<i>Quickella arenaria</i>	X	X
a whorl snail	<i>Vertigo geyeri</i>	X	X
a whorl snail	<i>Vertigo genesii</i>	X	X
Freshwater Pearl Mussel	<i>Margaritifera margaritifera</i>	X	X
Totals		5	5
LEECHES			
Medicinal Leech	<i>Hirudo medicinalis</i>		X

Totals		0	1
MAYFLIES			
Iron Blue Mayfly	<i>Nigrobaetis niger</i>	X	X
Totals		1	1
DRAGONFLIES			
Variable Damselfly	<i>Coenagrion pulchellum</i>		X
White-faced Dragonfly	<i>Leucorhina dubia</i>		X
Totals		0	2
BEEYLES			
Northern Dune Tiger Beetle	<i>Cicindela hybrida</i>	X	X
Lesser Searcher	<i>Calosoma inquisitor</i>	X	X
a ground beetle	<i>Dyschirius angustatus</i>		X
a ground beetle	<i>Bembidion testaceum</i>	X	X
St. Bees Seed-Eater	<i>Harpalus honestus</i>	X	X
Oxbow Diving Beetle	<i>Hydroporus rufifrons</i>	X	X
Hairy Click Beetle	<i>Synaptus filiformis</i>	X	X
Black Oil-beetle	<i>Meloe proscarabaeus</i>	X	X

Violet Oil-beetle	<i>Meloe violaceus</i>	X	X
Zircon Reed Beetle	<i>Donacia aquatica</i>	X	X
Totals		9	10
CADDISFLIES			
a caddisfly	<i>Glossosoma intermedium</i>	X	X
Totals		1	1
BUTTERFLIES & MOTHS			
Ghost Moth	<i>Hepialus humuli</i>	X	X
Currant Shoot Borer	<i>Lampronia capitella</i>	X	X
The Forester	<i>Adscita stactices</i>	X	X
Greenweed Flat-body Moth	<i>Agonopterix atomella</i>	X	X
White-spotted Sable Moth	<i>Anania funebris</i>	X	X
Dingy Skipper	<i>Erynnis tages</i>	X	X
White Letter Hairstreak	<i>Satyrium w-album</i>	X	X
Small Blue	<i>Cupido minimus</i>	X	X
Northern Brown Argus	<i>Arícia artaxerxes</i>	X	X
Duke of Burgundy	<i>Hamearis lucina</i>	X	X

Small Pearl-bordered Fritillary	<i>Boloria selene</i>	X	X
Pearl Bordered Fritillary	<i>Boloria euphrosyne</i>	X	X
High Brown Fritillary	<i>Argynnis adippe</i>	X	X
Marsh Fritillary	<i>Eurodryas aurinia</i>	X	X
Wall	<i>Lasiommata megera</i>	X	X
Mountain Ringlet	<i>Erebia ephron</i>	X	X
Grayling	<i>Hipparchia semele</i>	X	X
Small Heath	<i>Coenonympha pamphilus</i>	X	X
Large Heath	<i>Coenonympha tullia</i>	X	X
Pale Eggar	<i>Trichiura crataegi</i>	X	X
Oak Hook-tip	<i>Watsonalla binaria</i>	X	X
Oak Lutestring	<i>Cymatophorima diluta</i>	X	X
Small Emerald	<i>Hemistola chrysoprasaria</i>	X	X
Mullein Wave	<i>Scopula marginepunctata</i>	X	X
Oblique Carpet	<i>Orthonama vittata</i>	X	X
Red Carpet	<i>Xanthorhoe decoloraria</i>	X	X
Dark-barred Twin-spot Carpet	<i>Xanthorhoe ferrugata</i>	X	X

Shaded Broad-bar	<i>Scotopteryx chenopodiata</i>	X	X
Galium Carpet	<i>Epirrhoe galiata</i>	X	X
Grey Mountain Carpet	<i>Entephria caesiata</i>	X	X
Dark Spinach	<i>Pelurga comitata</i>	X	X
The Spinach	<i>Eulithis mellinata</i>	X	X
Small Phoenix	<i>Ecliptopera silaceata</i>	X	X
Netted Carpet	<i>Eustroma reticulata</i>	X	X
Pretty Chalk Carpet	<i>Melanthia procellata</i>	X	X
Argent and Sable	<i>Rheumaptera hastata</i>	X	X
Grass Rivulet	<i>Perizoma albulata albulata</i>	X	X
The Streak	<i>Chesias legatella</i>	X	X
Barred Tooth-striped	<i>Trichopteryx polycommata</i>	X	X
Latticed Heath	<i>Chiasmia clathrata</i>	X	X
V-moth	<i>Macaria wauaria</i>	X	X
August Thorn	<i>Ennomos quercinaria</i>	X	X
Dusky Thorn	<i>Ennomos fuscantaria</i>	X	X
September Thorn	<i>Ennomos erosaria</i>	X	X

Figure of Eight	<i>Diloba caeruleocephala</i>	X	X
Garden Tiger	<i>Arctia caja</i>	X	X
White Ermine	<i>Spilosoma lubricipeda</i>	X	X
Buff ermine	<i>Spilosoma luteum</i>	X	X
The Cinnabar	<i>Tyria jacobaeae</i>	X	X
Garden Dart	<i>Euxoa nigricans</i>	X	X
Double Dart	<i>Graphiphora augur</i>	X	X
Autumnal Rustic	<i>Eugnorisma glareosa</i>	X	X
Small Square-spot	<i>Diarsia rubi</i>	X	X
Northern Dart	<i>Xestia alpicola alpina</i>	X	X
Neglected Rustic	<i>Xestia castanea</i>	X	X
Heath Rustic	<i>Xestia agathina</i>	X	X
Dot Moth	<i>Melanchra persicariae</i>	X	X
Broom Moth	<i>Melanchra pisi</i>	X	X
Hedge Rustic	<i>Tholera cespitis</i>	X	X
Feathered Gothic	<i>Tholera decimalis</i>	X	X
Powdered Quaker	<i>Orthosia gracilis</i>	X	X

Shoulder-striped Wainscot	<i>Mythimna comma</i>	X	X
Minor Shoulder-knott	<i>Brachylomia viminalis</i>	X	X
The Sprawler	<i>Asteroscopus sphinx</i>	X	X
Brindled Ochre	<i>Dasypolia templi</i>	X	X
Deep-brown Dart	<i>Aporophyla lutulenta</i>	X	X
Green-brindled Crescent	<i>Allophyes oxyacanthae</i>	X	X
Dark Brocade	<i>Blepharita adusta</i>	X	X
Flounced Chestnut	<i>Agrochola helvola</i>	X	X
Brown-spot Pinion	<i>Agrochola litura</i>	X	X
Beaded Chestnut	<i>Agrochola lychnidis</i>	X	X
Centre-barred Sallow	<i>Atethmia centrago</i>	X	X
The Sallow	<i>Xanthia icteritia</i>	X	X
Dusky-lemon Sallow	<i>Xanthia gilvago</i>	X	X
Grey Dagger	<i>Acronicta psi</i>	X	X
Knott Grass	<i>Acronicta rumicis</i>	X	X
Mouse Moth	<i>Amphipyra tragopoginis</i>	X	X
Dusky Brocade	<i>Apamea remissa</i>	X	X

Rosy Minor	<i>Mesoligia literosa</i>	X	X
Least Minor	<i>Photedes captiuncula</i>		X
Ear Moth	<i>Amphipoea oculea</i>	X	X
Rosy Rustic	<i>Hydraecia micacea</i>	X	X
Haworth's Minor	<i>Celaena haworthii</i>	X	X
The Crescent	<i>Celaena leucostigma</i>	X	X
The Rustic	<i>Hoploclonia blanda</i>	X	X
Mottled Rustic	<i>Caradrina morpheus</i>	X	X
The Anomalous	<i>Stilbia anomala</i>	X	X
Totals		86	87
FLIES			
River-shore Cranefly	<i>Rhabdomastix japonica</i>	X	X
Scottish Yellow Splinter	<i>Lipsothrix ecucullata</i>	X	X
Northern Yellow Splinter	<i>Lipsothrix errans</i>	X	X
Scarce Yellow Splinter	<i>Lipsothrix nigristigma</i>	X	X
Southern Silver Stiletto-fly	<i>Clorismia rustica</i>	X	X
Northern Silver Stiletto-fly	<i>Dyschirius angustatus</i>		X

Phantom Hoverfly	<i>Dorus profuges</i>		X
Totals		5	7
BEES, WASPS & ANTS			
Shining Guest Ant	<i>Formicoxenus nitidulus</i>	X	X
Red Wood Ant	<i>Formica rufa</i>		X
The Northern Colletes	<i>Colletes floralis</i>	X	X
Tommentil Mining Bee	<i>Andrena tarsata</i>	X	X
Wall Mason Bee	<i>Osmia parietina</i>	X	X
Moss Carder-bee	<i>Bombus muscorum</i>	X	X
Totals		5	6
CRUSTACEANS			
Freshwater Crayfish	<i>Austropotamobius pallipes</i>	X	X
Totals		1	1
SPIDERS			
Sedge Jumper	<i>Sitticus caricis</i>	X	X
Broad Groove-head Spider	<i>Monocephalus castaneipes</i>	X	X
Cloud-living Spider	<i>Semljicola caliginosus</i>	X	X

Triangle Hammock-spider	<i>Saaristoa firma</i>	X	X
Totals		4	4
FISH			
Sea Lamprey	<i>Petromyzon marinus</i>	X	X
River Lamprey	<i>Lampetra fluviatilis</i>	X	X
Basking Shark	<i>Cetorhinus maximus</i>	X	X
Allis Shad	<i>Alosa alosa</i>	X	X
Twaite Shad	<i>Alosa fallax</i>	X	X
Atlantic Salmon	<i>Salmo salar</i>	X	X
Trout	<i>Salmo trutta</i>	X	X
Arctic Charr	<i>Salvelinus alpinus</i>	X	X
Schelly	<i>Coregonus lavaretus</i>	X	X
Vendace	<i>Coregonus albula</i>	X	X
Sparling (Smelt)	<i>Osmerus eperlanus</i>	X	X
Eel	<i>Anguilla anguilla</i>	X	X
Plaice	<i>Pleuronectes platessa</i>	X	X
Lesser Sand Eel	<i>Ammodytes marinus</i>		

Ling	<i>Molva molva</i>	X	X
Whiting	<i>Merlangius merlangus</i>	X	X
Cod	<i>Gadus morhua</i>	X	X
Herring	<i>Clupea harengus</i>	X	X
Sole	<i>Solea solea</i>	X	X
Totals		18	18
AMPHIBIANS			
Great Crested Newt	<i>Triturus cristatus</i>	X	X
Common Toad	<i>Bufo bufo</i>	X	X
Natterjack Toad	<i>Bufo calamita</i>	X	X
Totals		3	3
REPTILES			
Leatherback Turtle	<i>Democheles coriacea</i>	X	X
Loggerhead Turtle	<i>Caretta caretta</i>	X	X
Viviparous Lizard	<i>Zootoca vivipara</i>	X	X
Slow-worm	<i>Anguis fragilis</i>	X	X
Grass Snake	<i>Natrix natrix</i>	X	X

Adder	<i>Vipera berus</i>	X	X
Totals		6	6
BIRDS			
Black-throated Diver	<i>Gavia arctica</i>	X	X
Bittern	<i>Botaurus stellaris</i>	X	X
Tundra Swan	<i>Cygnus columbianus bewickii</i>	X	X
Greater Scaup	<i>Aythya marila</i>	X	X
Common Scoter	<i>Melanitta nigra</i>	X	X
Hen Harrier	<i>Circus cyaneus</i>	X	X
Red Grouse	<i>Lagopus lagopus</i>	X	X
Black Grouse	<i>Tetrao tetrix</i>	X	X
Grey Partridge	<i>Perdix perdix</i>	X	X
Northern Lapwing	<i>Vanellus vanellus</i>	X	X
Black-tailed Godwit	<i>Limosa limosa limosa</i>	X	X
Eurasian Curlew	<i>Numenius arquata</i>	X	X
Arctic Skua	<i>Stercorarius parasiticus</i>	X	X
Herring Gull	<i>Larus argentatus argenteus</i>	X	X

Common Cuckoo	<i>Cuculus canorus</i>	X	X
Barn Owl	<i>Tyto alba</i>		X
Nightjar	<i>Caprimulgus europaeus</i>	X	X
Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>	X	X
Skylark	<i>Alauda arvensis</i>	X	X
Tree Pipit	<i>Anthus trivialis</i>	X	X
Yellow Wagtail	<i>Motacilla flava flavissima</i>	X	X
Hedge Accentor (Dunnock)	<i>Prunella modularis</i>	X	X
Ring Ouzel	<i>Turdus torquatus</i>	X	X
Song Thrush	<i>Turdus philomelos</i>	X	X
Grasshopper Warbler	<i>Locustella naevia</i>	X	X
Wood Warbler	<i>Phylloscopus sibilatrix</i>	X	X
Spotted Flycatcher	<i>Muscicapa striata</i>	X	X
Marsh Tit	<i>Parus palustris</i>	X	X
Willow Tit	<i>Parus montanus</i>	X	X
Common Starling	<i>Sturnus vulgaris</i>	X	X
House Sparrow	<i>Passer domesticus</i>	X	X

Tree Sparrow	<i>Passer montanus</i>	X	X
Linnet	<i>Carduelis cannabina</i>	X	X
Twite	<i>Carduelis flavirostris</i>	X	X
Lesser Redpoll	<i>Carduelis cabaret</i>	X	X
Bullfinch	<i>Pyrrhula pyrrhula</i>	X	X
Hawfinch	<i>Coccothraustes coccothraustes</i>	X	X
Yellowhammer	<i>Emberiza citrinella</i>	X	X
Reed Bunting	<i>Emberiza schoeniclus</i>	X	X
Corn Bunting	<i>Miliaria calandra</i>	X	X
Totals		39	40
MAMMALS			
Hedgehog	<i>Erinaceus europaeus</i>	X	X
Whiskered Bat	<i>Myotis mystacinus</i>		X
Brandt's Bat	<i>Myotis brandtii</i>		X
Natterer's Bat	<i>Myotis nattereri</i>		X
Daubenton's Bat	<i>Myotis daubentonii</i>		X
Noctule	<i>Nyctalus noctula</i>		X

Common Pipistrelle	<i>Pipistrellus pipistrellus</i>		X
Soprano Pipistrelle	<i>Pipistrellus pygmaeus</i>	X	X
Brown Long-eared Bat	<i>Plecotus auritus</i>		X
Brown Hare	<i>Lepus europaeus</i>	X	X
Red Squirrel	<i>Sciurus vulgaris</i>	X	X
Water Vole	<i>Arvicola terrestris</i>	X	X
Harvest Mouse	<i>Micromys minutus</i>	X	X
Hazel Dormouse	<i>Muscardinus avellanarius</i>	X	X
Bottle-nosed Dolphin	<i>Tursiops truncatus</i>	X	X
Common Dolphin	<i>Delphinus delphis</i>	X	X
Harbour Porpoise	<i>Phocoena phocoena</i>	X	X
Long-finned Pilot Whale	<i>Globicephala melas</i>	X	X
Polecat	<i>Mustela putorius</i>	X	X
Otter	<i>Lutra lutra</i>	X	X
Common Seal	<i>Phoca vitulina</i>	X	X
Totals		14	21
Overall Species Totals		248	268

Note: The original Cumbria BAP Phase II (no action plan) species list included a moss or liverwort however the exact species had not been decided at the time of writing. This has therefore been omitted from the revised 2009 list.