

**List of Species and Habitats of Principal Importance for Conservation of
Biological Diversity in Wales, December 2007.**

Table 1 Species

Mammals/Mamaliaid 17 species	
<i>Arvicola terrestris</i>	Water Vole
<i>Barbastella barbastellus</i>	Barbastelle Bat
<i>Erinaceus europaeus</i>	West European Hedgehog
<i>Lepus europaeus</i>	Brown Hare
<i>Lutra lutra</i>	Otter
<i>Martes martes</i>	Pine Marten
<i>Micromys minutus</i>	Harvest Mouse
<i>Muscardinus avellanarius</i>	Dormouse
<i>Mustela putorius</i>	Polecat
<i>Myotis bechsteinii</i>	Bechstein's Bat
<i>Nyctalus noctula</i>	Noctule
<i>Pipistrellus pipistrellus</i>	Common Pipistrelle
<i>Pipistrellus pygmaeus</i>	Soprano Pipistrelle
<i>Plecotus auritus</i>	Brown long- eared Bat
<i>Rhinolophus ferrumequinum</i>	Greater Horseshoe Bat
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe Bat
<i>Sciurus vulgaris</i>	Red Squirrel

Birds/Adar 51 species	
<i>Acrocephalus paludicola</i>	Aquatic Warbler
<i>Alauda arvensis subsp. Arvensis/scotica</i>	Skylark
<i>Anser albifrons subsp. Flavirostris</i>	Greenland Greater White- fronted Goose
<i>Anthus trivialis</i>	Tree Pipit
<i>Botaurus stellaris</i>	Great Bittern
<i>Branta bernicula subsp. bernicula</i>	Dark-bellied Brent Goose

<i>Caprimulgus europaeus</i>	European Nightjar
<i>Carduelis cabaret</i>	Lesser Redpoll
<i>Carduelis cannabina</i> subsp. <i>Autochthona/cannabina</i>	Common Linnet
<i>Carduelis flavirostris</i> subsp. <i>Bensonorum/pipilans</i>	Twite
<i>Charadrius hiaticula</i>	Ringed Plover
<i>Circus cyaneus</i>	Hen Harrier
<i>Coccothraustes coccothraustes</i>	Hawfinch
<i>Crex crex</i>	Corncrake
<i>Cuculus canorus</i>	Common Cuckoo
<i>Cygnus columbianus</i> subsp. <i>bewickii</i>	Tundra Swan
<i>Dendrocopus minor</i> subsp. <i>comminutus</i>	Lesser Spotted Woodpecker
<i>Emberiza calandra</i> subsp. <i>calandra/clanceyi</i>	Corn Bunting
<i>Emberiza citrinella</i>	Yellowhammer
<i>Emberiza schoeniclus</i>	Reed Bunting
<i>Falco tinnunculus</i>	Kestrel
<i>Ficedula hypoleuca</i>	Pied Flycatcher
<i>Lagopus lagopus</i> subsp. <i>scotica</i>	Red Grouse
<i>Lanius collurio</i>	Red-backed Shrike
<i>Larus argentatus</i> subsp. <i>argenteus</i>	Herring Gull
<i>Larus ridibundus</i>	Black-headed Gull
<i>Limosa lapponica</i>	Bar-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>Parus montanus subsp. kleinschimdti</i>	Willow Tit
<i>Parus palustris subsp. palustris/dresseri</i>	Marsh Tit
<i>Passer domesticus</i>	House Sparrow
<i>Passer montanus</i>	Eurasian Tree Sparrow
<i>Perdix perdix</i>	Grey Partridge
<i>Phylloscopus sibilatrix</i>	Wood Warbler
<i>Pluvialis apricaria</i>	Golden Plover
<i>Prunella modularis subsp. occidentalis</i>	Hedge Accentor
<i>Puffinus mauretanicus</i>	Balearic Shearwater
<i>Pyrhocorax pyrrhocorax</i>	Chough
<i>Pyrrhula pyrrhula subsp. pileata</i>	Common Bullfinch
<i>Sterna dougallii</i>	Roseate Tern
<i>Streptopelia turtur</i>	European Turtle Dove
<i>Sturnus vulgaris subsp. vulgaris</i>	Common Starling
<i>Tetrao tetrix subsp. britannicus</i>	Black Grouse
<i>Turdus philomelos subsp. clarkei</i>	Song Thrush
<i>Turdus torquatus</i>	Ring Ousel
<i>Vanellus vanellus</i>	Northern Lapwing
Fish/Pysgod 10 species	
<i>Alosa alosa</i>	Allis Shad
<i>Alosa fallax</i>	Twaite Shad
<i>Anguilla anguilla</i>	European Eel
<i>Coregonus lavaretus</i>	Whitefish (Powan, Gwyniad, or Schelly)
<i>Lampetra fluviatilis</i>	River Lamprey

<i>Osmerus eperlanus</i>	Smelt (Sparling)
<i>Petromyzon marinus</i>	Sea Lamprey
<i>Salmo salar</i>	Atlantic Salmon
<i>Salmo trutta</i>	Brown/Sea Trout
<i>Salvelinus alpinus</i>	Arctic Charr

Reptiles and amphibians/ Ymlusgiaid ac Amffibiaid 8 species	
<i>Anguis fragilis</i>	Slow-worm
<i>Bufo bufo</i>	Common Toad
<i>Bufo calamita</i>	Natterjack Toad
<i>Lacerta agilis</i>	Sand Lizard
<i>Zootoca vivipara</i>	Common Lizard
<i>Natrix natrix</i>	Grass Snake
<i>Triturus cristatus</i>	Great-crested Newt
<i>Vipera berus</i>	Adder

Invertebrates/ Anifeiliaid Di- asgwrn-cefn 187 species	
<i>Acronicta psi</i>	Grey Dagger
<i>Acronicta rumicis</i>	Knot Grass
<i>Adscita statices</i>	The Forester
<i>Agonopterix atomella</i>	A Micro-moth
<i>Agonum scitulum</i>	A Ground Beetle
<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 Chestnut
<i>Amphipoea oculea</i>	Ear Moth
<i>Amphipyra tragopoginis</i>	Mouse Moth
<i>Anania funebris</i>	A Pyralid Moth
<i>Andrena tarsata</i>	A Mining Bee

<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>Argynnis adippe</i>	High Brown Fritillary
<i>Asilus crabroniformis</i>	Hornet Robber Fly
<i>Asteroscopus sphinx</i>	The Sprawler
<i>Atethmia centrigo</i>	Centre-barred Sallow
<i>Austropotamobius pallipes</i>	White-clawed Freshwater Crayfish
<i>Bembidion quadripustulatum</i>	A Ground Beetle
<i>Bembidion testaceum</i>	A Ground Beetle
<i>Bidessus minutissimus</i>	A Diving Beetle
<i>Blepharita adusta</i>	Dark Brocade
<i>Boloria euphrosyne</i>	Pearl-bordered Fritillary
<i>Boloria selene</i>	Small Pearl-bordered Fritillary
<i>Bombus humilis</i>	Brown-banded Carder-bee
<i>Bombus muscorum</i>	Moss Carder-bee
<i>Bombus ruderarius</i>	Red-shanked Carder-bee
<i>Bombus ruderatus</i>	Large Garden Bumblebee
<i>Bombus sylvarum</i>	Shrill Carder-bee
<i>Brachylomia viminalis</i>	Minor Shoulder-knot
<i>Brachyptera putata</i>	Northern February Red
<i>Calosoma inquisitor</i>	A Ground Beetle
<i>Carabus monilis</i>	A Ground Beetle
<i>Caradrina morpheus</i>	Mottled Rustic
<i>Celaena haworthii</i>	Haworth's Minor
<i>Celaena leucostigma</i>	The Crescent

<i>Chesias legatella</i>	The Streak
<i>Chesias rufata</i>	Broom-tip
<i>Chiasmia clathrata</i>	Latticed Heath
<i>Chlaenius tristis</i>	A Ground Beetle
<i>Chrysis fulgida</i>	A Ruby-tailed Wasp
<i>Cicindela germanica</i>	A Tiger Beetle
<i>Cicindela hybrida</i>	A Tiger Beetle
<i>Clorismia rustica</i>	A Stiletto -fly
<i>Coenagrion mercuriale</i>	Southern Damselfly
<i>Coenonympha pamphilus</i>	Small Heath
<i>Coenonympha tullia</i>	Large Heath
<i>Cosmia diffinis</i>	White-spotted Pinion
<i>Cossus cossus</i>	Goat Moth
<i>Cryptocephalus decemmaculatus</i>	A Leaf Beetle
<i>Cupido minimus</i>	Small Blue
<i>Cyclophora pendularia</i>	Dingy Mocha
<i>Cymatophorima diluta</i>	Oak Lutestring
<i>Dasyptolia templi</i>	Brindled Ochre
<i>Diarsia rubi</i>	Small Square-spot
<i>Diloba caeruleocephala</i>	Figure of Eight
<i>Dipoena inornata</i>	A Comb-footed Spider
<i>Dolomedes plantarius</i>	Fen Raft Spider
<i>Donacia aquatica</i>	A Reed Beetle
<i>Donacia bicolora</i>	A Reed Beetle
<i>Ecliptopera silaceata</i>	Small Phoenix
<i>Empis limata</i>	A Dance Fly
<i>Ennomos erosaria</i>	September Thorn
<i>Ennomos fuscantaria</i>	Dusky Thorn
<i>Ennomos quercinaria</i>	August Thorn
<i>Entephria caesiata</i>	Grey Mountain Carpet
<i>Epirrhoe galiata</i>	Galium Carpet
<i>Erigone welchi</i>	A Money-spider
<i>Eriopygodes imbecilia</i>	The Silurian
<i>Erynnis tages</i>	Dingy Skipper

<i>Eucera longicornis</i>	Long-horned Bee
<i>Eugnorisma glareosa</i>	Autumnal Rustic
<i>Eulithis mellinata</i>	The Spinach
<i>Eurodryas aurinia</i>	Marsh Fritillary
<i>Eustroma reticulata</i>	Netted Carpet Moth
<i>Euxoa nigricans</i>	Garden Dart
<i>Formicoxenus nitidulus</i>	Shining Guest Ant
<i>Graphiphora augur</i>	Double Dart
<i>Gryllotalpa gryllotalpa</i>	Mole Cricket
<i>Hagenella clathrata</i>	A Caddis Fly
<i>Haplodrassus dalmatensis</i>	A Spider
<i>Harpalus melancholicus</i>	A Ground Beetle
<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>Hipparchia semele</i>	Grayling
<i>Hoplodrina blanda</i>	The Rustic
<i>Hydraecia micacea</i>	Rosy Rustic
<i>Hydrochara caraboides</i>	Lesser Silver Water Beetle
<i>Hydroporus rufifrons</i>	A Diving Beetle
<i>Idaea continguaria</i>	Weaver's Wave
<i>Idaea dilutaria</i>	Silky Wave
<i>Idiocera sexguttata</i>	A Cranefly
<i>Isogenus nubecula</i>	A Stonefly
<i>Jodia croceago</i>	Orange Upperwing
<i>Lampronia capitella</i>	Currant Shoot-borer
<i>Lasiommata megera</i>	Wall
<i>Leptidea sinapis</i>	Wood White
<i>Limenitis camilla</i>	White Admiral
<i>Lipsothrix errans</i>	A Cranefly
<i>Lipsothrix nervosa</i>	A Cranefly
<i>Lipsothrix nigristigma</i>	A Cranefly

<i>Lophopus crystallinus</i>	A Freshwater Bryozoan
<i>Lucanus cervus</i>	Stag Beetle
<i>Luperina nickerlii</i> <i>subsp. gueneei</i>	Sandhill Rustic
<i>Lycia hirtaria</i>	Brindled Beauty
<i>Lycia zonaria subsp. britannica</i>	Belted Beauty
<i>Macaria wauaria</i>	V Moth
<i>Malacosoma neustria</i>	The Lackey
<i>Margaritifera margaritifera</i>	Freshwater Pearl Mussel
<i>Mecopisthes peusi</i>	A Money Spider
<i>Meioneta mollis</i>	A Money Spider
<i>Melanchra persicariae</i>	Dot Moth
<i>Melanchra pisi</i>	Broom Moth
<i>Melanthia procellata</i>	Pretty Chalk Carpet
<i>Meloe proscarabaeus</i>	An Oil-beetle
<i>Meloe rugosus</i>	An Oil-beetle
<i>Meloe violaceus</i>	An Oil-beetle
<i>Meotica anglica</i>	A Rove Beetle
<i>Mesoligia literosa</i>	Rosy Minor
<i>Minoa murinata</i>	Drab Looper
<i>Monocephalus castaneipes</i>	A Money Spider
<i>Mythimna comma</i>	Shoulder-striped Wainscot
<i>Myxas glutinosa</i>	Glutinous Snail
<i>Nemapogon picarella</i>	A Micro-moth
<i>Nematopogon magna</i>	A Micro-moth
<i>Nigrobaetis niger</i>	Iron Blue Mayfly
<i>Noctua orbona</i>	Lunar Yellow Underwing
<i>Notioscopus sarcinatus</i>	A Money Spider
<i>Ochthebius poweri</i>	A Water Beetle
<i>Odontomyia hydroleon</i>	A Soldier Fly
<i>Odynerus melanocephalus</i>	A Mason-wasp
<i>Omphiscola glabra</i>	Mud Snail
<i>Orthonama vittata</i>	Oblique Carpet
<i>Orthosia gracilis</i>	Powdered Quaker
<i>Osmia parietina</i>	A Mason Bee

<i>Osmia xanthomelana</i>	A Mason Bee
<i>Panagaeus cruxmajor</i>	A Ground Beetle
<i>Pelurga comitata</i>	Dark Spinach
<i>Perizoma albulata</i> <i>subsp. albulata</i>	Grass Rivulet
<i>Philodromus fallax</i>	A Running Crab-spider
<i>Phyllonorycter sagitella</i>	A Micro-moth
<i>Pisidium tenuilineatum</i>	Fine-lined Pea Mussel
<i>Plebejus argus</i>	Silver-studded Blue
<i>Polia bombycina</i>	Pale Shining Brown
<i>Potamanthus luteus</i>	A Mayfly
<i>Pseudanodonta complanata</i>	Depressed River Mussel
<i>Pyrausta sanguinalis</i>	A Pyralid Moth
<i>Pyrgus malvae</i>	Grizzled Skipper
<i>Rhabdomastix japonica</i>	A Cranefly
<i>Rheumaptera hastata</i>	Argent and Sable
<i>Saaristoa firma</i>	A Money Spider
<i>Sabra harpagula</i>	Scarce Hook Tip
<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>Sitticus caricis</i>	A Jumping Spider
<i>Spilosoma lubricipeda</i>	White Ermine
<i>Spilosoma luteum</i>	Buff Ermine
<i>Stilbia anomala</i>	The Anomalous
<i>Synanthedon scoliaeformis</i>	Welsh Clearwing
<i>Synaptus filiformis</i>	Hairy Click Beetle

<i>Thecla betulae</i>	Brown Hairstreak
<i>Thinobius newberyi</i>	A Rove Beetle
<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>Tyria jacobaeae</i>	The Cinnabar
<i>Vertigo angustior</i>	Narrow- mouthed Whorl Snail
<i>Vertigo geyeri</i>	Geyer's Whorl Snail
<i>Vertigo moulinsiana</i>	Desmoulin's Whorl Snail
<i>Watsonalla binaria</i>	Oak Hook-tip
<i>Xanthia gilvago</i>	Dusky-lemon Sallow
<i>Xanthia icteritia</i>	The Sallow
<i>Xanthorhoe decoloraria</i>	Red Carpet
<i>Xanthorhoe ferrugata</i>	Dark-barred Twin-spot Carpet
<i>Xestia agathina</i>	Heath Rustic
<i>Xestia ashworthii</i>	Ashworth's Rustic
<i>Xestia castanea</i>	Neglected Rustic
<i>Xylena exsoleta</i>	Sword-grass

Vascular plants/ Planhigion fasgwlaidd 78 species and 1 Hieracium sp. group	
<i>Artemisia maritima</i>	Field Wormwood
<i>Asparagus prostratus</i>	Wild Asparagus
<i>Asplenium trichomanes subsp. pachyrachis</i>	A Maidenhair Spleenwort
<i>Blysmus compressus</i>	Flat-sedge

<i>Bupleurum tenuissimum</i>	Slender Hare`s-ear
<i>Campanula patula</i>	Spreading Bellflower
<i>Carex divisa</i>	Divided Sedge
<i>Centaurea cyanus</i>	Cornflower
<i>Centaurium scilloides</i>	Perennial Centaury
<i>Cephalanthera longifolia</i>	Narrow-leaved Helleborine
<i>Cerastium arcticum</i>	Arctic Mouse-ear
<i>Chamaemelum nobile</i>	Chamomile
<i>Cicendia filiformis</i>	Yellow Centaury
<i>Clinopodium acinos</i>	Basil Thyme
<i>Cotoneaster cambricus</i>	Wild Cotoneaster
<i>Dactylorhiza purpurella subsp. cambrensis</i>	A Marsh orchid
<i>Dactylorhiza viridis</i>	Frog Orchid
<i>Dianthus armeria</i>	Deptford Pink
<i>Euphrasia anglica</i>	Glandular Eyebright
<i>Euphrasia cambrica</i>	An Eyebright
<i>Euphrasia ostenfeldii</i>	An Eyebright
<i>Euphrasia pseudokernerii</i>	Chalk Eyebright
<i>Euphrasia rivularis</i>	An Eyebright
<i>Euphrasia rostkoviana subsp. montana</i>	An Eyebright
<i>Fumaria purpurea</i>	Purple Ramping - fumitory
<i>Galeopsis angustifolia</i>	Red Hemp-nettle
<i>Galeopsis segetum</i>	Downy Hemp-nettle
<i>Galeopsis speciosa</i>	Large-flowered Hemp-nettle
<i>Gentianella anglica</i>	Early Gentian
<i>Gentianella campestris</i>	Field Gentian
<i>Gentianella uliginosa</i>	Dune Gentian
<i>Gymnadena borealis</i>	Northern Fragrant Orchid

<i>Gymnadena conopsea</i>	Fragrant Orchid
<i>Gymnadena densiflora</i>	Marsh Fragrant Orchid
<i>Hammerbya paludosa</i>	Bog Orchid
<i>Hieracium spp.</i>	6 Threatened Endemic species
<i>Hordeum marinum</i>	Sea Barley
<i>Juniperus communis</i>	Juniper
<i>Juniperus communis subsp. hemisphaerica</i>	A Juniper
<i>Liparis loeselii</i>	Fen Orchid
<i>Luronium natans</i>	Floating Water Plantain
<i>Lycopodiella inundata</i>	Marsh Clubmoss
<i>Lycopodium clavatum</i>	Stag's – horn Clubmoss
<i>Matthiola sinuata</i>	Sea Stock
<i>Melittis melissophyllum</i>	Bastard Balm
<i>Mentha pulegium</i>	Pennyroyal
<i>Monotropa hypopitys</i>	Yellow Bird`s-nest
<i>Monotropa hypopitys subsp. hypophegea</i>	A Bird`s-nest
<i>Monotropa hypopitys subsp. hypopitys</i>	A Bird`s-nest
<i>Neotinea ustulata</i>	Burnt Orchid
<i>Oenanthe fistulosa</i>	Tubular Water-dropwort
<i>Ophrys insectifera</i>	Fly Orchid
<i>Pilularia globulifera</i>	Pillwort
<i>Platanthera bifolia</i>	Lesser Butterfly-orchid
<i>Poa glauca</i>	Glaucous Meadow-grass
<i>Polystichum lonchitis</i>	Holly-fern
<i>Potamogeton compressus</i>	Grass-wrack Pondweed
<i>Potentilla rupestris</i>	Rock Cinquefoil
<i>Pseudorchis albida</i>	Small-white Orchid
<i>Pulicaria vulgaris</i>	Small Fleabane
<i>Ranunculus arvensis</i>	Corn Buttercup

<i>Ranunculus tripartitus</i>	Three-lobed Water-crowfoot
<i>Rumex rupestris</i>	Shore Dock
<i>Salsola kali subsp. kali</i>	Prickly Saltwort
<i>Saxifraga cespitosa</i>	Tufted Saxifrage
<i>Scandix pecten-veneris</i>	Shepherd's Needle
<i>Scleranthus annuus</i>	Annual Knawel
<i>Scleranthus annuus subsp. annuus</i>	Annual Knawel
<i>Silene gallica</i>	Small - flowered Catchfly
<i>Sorbus eminens</i>	A Whitebeam
<i>Sorbus leptophylla</i>	A Whitebeam
<i>Sorbus leyana</i>	Ley's Whitebeam
<i>Sorbus minima</i>	A Whitebeam
<i>Stellaria palustris</i>	Marsh Stitchwort
<i>Trollius europaeus</i>	Globe-flower
<i>Valerianella rimosa</i>	Broad-fruited Cornsalad
<i>Vicia orobus</i>	Wood Bitter-vetch
<i>Viola lactea</i>	Pale Dog-Violet
<i>Woodsia ilvensis</i>	Oblong Woodsia

Lichens/Cen 67 species and 2 communities	
<i>Anaptychia ciliaris subsp. ciliaris</i>	A Lichen
<i>Arthonia atlantica</i>	A Lichen
<i>Arthothelium dictyosporum</i>	A Lichen
<i>Bacidia circumspecta</i>	A Lichen
<i>Bacidia incompta</i>	A Lichen
<i>Biatoridium monasteriense</i>	A Lichen
<i>Blarneya hibernica</i>	A Lichen
<i>Bryoria smithii</i>	A Lichen
<i>Buellia hyperbolica</i>	A Lichen
<i>Calicium adpersum</i>	A Lichen
<i>Caloplaca atroflava</i>	A Lichen

<i>Caloplaca flavorubescens</i>	A Lichen
<i>Caloplaca herbidella</i>	A Lichen
<i>Caloplaca lucifuga</i>	A Lichen
<i>Caloplaca luteoalba</i>	Orange-fruited Elm Lichen
<i>Chaenotheca phaeocephala</i>	A Lichen
<i>Cladonia peziziformis</i>	A Lichen
<i>Collema dichotomum</i>	River-jelly Lichen
<i>Collema fasciculare</i>	A Lichen
<i>Collema fragile</i>	A Lichen
<i>Collema fragrans</i>	A Lichen
<i>Endocarpon adscendens</i>	A Lichen
<i>Fulgensia fulgens</i>	A Lichen
<i>Fuscopannaria sampaiana</i>	A Lichen
<i>Gomphillus calycioides</i>	A Lichen
<i>Graphina pauciloculata</i>	A Lichen
<i>Gyalecta flotowii</i>	A Lichen
<i>Heterodermia leucomela</i>	Ciliate Strap-lichen
<i>Lecania chlorotiza</i>	A Lichen
<i>Lecanographa amylacea</i>	A Lichen
<i>Lecanora achariana</i>	Tarn Lecanora
<i>Lecanora quercicola</i>	A Lichen
<i>Lecanora sublivescens</i>	A Lichen
<i>Leptogium brebissonii</i>	A Lichen
<i>Leptogium cochleatum</i>	A Lichen
Lobarion community	A Lichen Community
<i>Megalospora tuberculosa</i>	A Lichen
<i>Melaspilea lentiginosa</i>	A Lichenicolous Fungus
Mine site community	A Lichen Community
<i>Opegrapha prosodea</i>	A Lichen

<i>Parmeliella testacea</i>	A Lichen
<i>Parmelina quercina</i>	A Lichen
<i>Parmelinopsis horrescens</i>	A Lichen
<i>Parmotrema robustum</i>	A Lichen
<i>Peltigera venosa</i>	A Lichen
<i>Pertusaria velata</i>	A Lichen
<i>Physcia tribacioides</i>	Southern Grey Physcia
<i>Porina effilata</i>	A Lichen
<i>Porina hibernica</i>	A Lichen
<i>Pseudocyphellaria intricata</i>	A Lichen
<i>Pseudocyphellaria lacerata</i>	Ragged Pseudocyphellaria
<i>Pseudocyphellaria norvegica</i>	A Lichen
<i>Pyrenula hibernica</i>	A Lichen
<i>Pyrenula nitida</i>	A Lichen
<i>Ramonia chrysophaea</i>	A Lichen
<i>Ramonia dictyospora</i>	A Lichen
<i>Rinodina isidioides</i>	A Lichen
<i>Schismatomma graphidioides</i>	A Lichen
<i>Stereocaulon delisei</i>	A Lichen
<i>Stereocaulon symphycheilum</i>	A Lichen
<i>Sticta canariensis</i>	A Lichen
<i>Strangospora microhaema</i>	A Lichen
<i>Strigula stigmatella</i> var. <i>stigmatella</i>	A Lichen
<i>Synalissa symphorea</i>	A Lichen
<i>Teloschistes flavicans</i>	Golden Hair-lichen
<i>Toninia sedifolia</i>	A Lichen
<i>Usnea articulata</i>	A Lichen
<i>Usnea florida</i>	A Lichen
<i>Wadeana dendrographa</i>	A Lichen

Mosses and liverworts/ Mwsoglau a Llysiau'r Afu 33 species	
<i>Anomodon longifolius</i>	Long-leaved Tail-moss
<i>Atrichum angustatum</i>	Lesser Smoothcap
<i>Barbilophozia kunzeana</i>	Bog Paw-wort
<i>Bartramia stricta</i>	Rigid Apple-moss
<i>Bryum calophyllum</i>	Matted Bryum
<i>Bryum gemmiparum</i>	Welsh Thread-moss
<i>Bryum knowltonii</i>	Knowlton`s Thread-moss
<i>Bryum marratii</i>	Baltic Bryum
<i>Bryum warneum</i>	Sea Bryum
<i>Cephaloziella calyculata</i>	Entire Threadwort
<i>Cephaloziella nicholsonii</i>	Greater Copperwort
<i>Cryphaea lamyana</i>	Multi-fruited River Moss
<i>Dicranum bergeri</i>	Waved Fork-moss
<i>Didymodon tomaculosus</i>	Sausage Beard-moss
<i>Ditrichum plumbicola</i>	Lead -moss
<i>Ditrichum subulatum</i>	Awl-leaved Ditrichum
<i>Fissidens curvatus</i>	Portuguese Pocket- moss
<i>Fissidens serrulatus</i>	Large Atlantic Pocket- moss
<i>Fossombronia foveolata</i>	Pitted Frillwort
<i>Funaria pulchella</i>	Pretty Cord-moss
<i>Grimmia elongata</i>	Brown Grimmia
<i>Habrodon perpusillus</i>	Lesser Squirrel-tail Moss
<i>Leptodon smithii</i>	A Moss
<i>Pallavicinia lyellii</i>	Veilwort
<i>Petalophyllum ralfsii</i>	Petalwort
<i>Rhytidiadelphus subpinnatus</i>	Scarce Turf-moss
<i>Riccia canaliculata</i>	Channelled Crystalwort
<i>Riccia nigrella</i>	Black Crystalwort

<i>Scopelophila cataractae</i>	Tongue-leafed Copper-moss
<i>Tortula cuneifolia</i>	Wedge-leaved Screw-moss
<i>Tortula wilsonii</i>	Wilson's Pottia
<i>Weissia levieri</i>	Levier`s Beardless-moss
<i>Weissia squarrosa</i>	Spreading-leaved Beardless-moss

Fungi/Ffyngau 26 species	
<i>Amanita friabilis</i>	Fragile Amanita
<i>Armillaria ectypa</i>	Agaric
<i>Chrysoomyxa pirolata</i>	Wintergreen Rust
<i>Clavaria zollingeri</i>	A Fairy Club
<i>Cotylidia pannosa</i>	Wooly Rosette
<i>Entoloma bloxamii</i>	Big Blue Pinkgill
<i>Geastrum elegans</i>	Elegant Earthstar
<i>Geoglossum atropurpureum</i>	Dark-purple Earthtongue
<i>Hericium erinaceum</i>	Bearded Tooth
<i>Hohenbuehelia culmicola</i>	Marram Oyster
<i>Hydnellum conrescens</i>	A Tooth Fungus
<i>Hydnellum scrobiculatum</i>	A Tooth Fungus
<i>Hydnellum spongiosipes</i>	Velvet Tooth
<i>Hygrocybe spadicea</i>	Date - coloured Waxcap
<i>Hypocreopsis lichenoides</i>	Willow Gloves
<i>Microglossum olivaceum</i>	An Earth-tongue
<i>Phellodon confluens</i>	A Tooth Fungus
<i>Phellodon melaleucus</i>	A Tooth Fungus
<i>Phellodon tomentosus</i>	A Tooth Fungus
<i>Phylloporus pelletieri</i>	Golden Gilled Bolete
<i>Piptoporus quercinus</i>	Oak Polypore
<i>Poronia punctata</i>	Nail Fungus

<i>Puccinia scorzonerae</i>	Scorzonera Rust
<i>Tremellodendropsis tuberosa</i>	Ashen Coral
<i>Tulostoma melanocyclum</i>	Scaly Storkball
<i>Urocystis colchici</i>	Colchicum Smut

Stoneworts/ Rhawn yr ebol 5 species	
<i>Chara baltica</i>	Baltic Stonewort
<i>Chara curta</i>	Lesser Bearded Stonewort
<i>Nitella gracilis</i>	Slender Stonewort
<i>Nitella tenuissima</i>	Dwarf Stonewort
<i>Nitellopsis obtusa</i>	Starry Stonewort

Marine/Morol 55 species	
<i>Alkmaria romijni</i>	Tentacled Lagoon Worm
<i>Ammodytes marinus</i>	Sandeel
<i>Anotrichium barbatum</i>	Bearded Red Seaweed
<i>Arctica islandica</i>	Icelandic Cyprine or Ocean Quahog
<i>Atrina fragilis</i>	Fan Mussel
<i>Balaenoptera acutorostrata</i>	Minke Whale
<i>Balaenoptera physalus</i>	Fin Whale
<i>Caretta caretta</i>	Loggerhead Turtle
<i>Cetorhinus maximus</i>	Basking Shark
<i>Clupea harengus</i>	Herring
<i>Cruoria cruoriaeformis</i>	A Red Seaweed
<i>Delphinus delphis</i>	Common Dolphin
<i>Dermochelys coriacea</i>	Leatherback Turtle
<i>Dermocorynus montagnei</i>	A Red Seaweed
<i>Dipturus batis</i>	Common Skate
<i>Edwardsia timida</i>	Burrowing Anemone
<i>Eunicella verrucosa</i>	Pink Sea -fan

<i>Gadus morhua</i>	Cod
<i>Galeorhinus galeus</i>	Tope Shark
<i>Globicephala melas</i>	Long-finned Pilot Whale
<i>Grampus griseus</i>	Risso's Dolphin
<i>Halicystus auricula</i>	A Stalked Jellyfish
<i>Hippocampus guttulatus</i>	Long Snouted Seahorse
<i>Hyperodon ampullatus</i>	Northern Bottlenose Whale
<i>Lagenorhynchus acutus</i>	Atlantic White-sided Dolphin
<i>Lagenorhynchus albirostris</i>	White-Beaked Dolphin
<i>Lamna nasus</i>	Porbeagle Shark
<i>Lithothamnion coralloides</i>	Coral Maerl
<i>Lophius piscatorius</i>	Sea Monkfish
<i>Lucernariopsis campanulata</i>	A Stalked Jellyfish
<i>Megaptera novaeangliae</i>	Humpback Whale
<i>Merlangius merlangus</i>	Whiting
<i>Merluccius merluccius</i>	European Hake
<i>Molva molva</i>	Ling
<i>Orcinus orca</i>	Killer Whale
<i>Ostrea edulis</i>	Native Oyster
<i>Padina pavonica</i>	Peacock's Tail
<i>Palinurus elephas</i>	Crayfish, Crawfish or Spiny Lobster
<i>Phocoena phocoena</i>	Harbour Porpoise
<i>Phymatolithon calcareum</i>	Common Maerl
<i>Pleuronectes platessa</i>	Plaice
<i>Prionace glauca</i>	Blue Shark
<i>Raja brachyura</i>	Blonde Ray
<i>Raja clavata</i>	Thornback Ray
<i>Raja undulata</i>	Undulate Ray
<i>Rostroraja alba</i>	White or Bottlenosed Skate
<i>Scomber scombrus</i>	Mackerel
<i>Solea vulgaris</i>	Sole
<i>Squalus acanthias</i>	Spiny Dogfish

<i>Squatina squatina</i>	Angel Shark
<i>Stenella coeruleoalba</i>	Striped Dolphin
<i>Tenellia adspersa</i>	Lagoon Sea Slug
<i>Trachurus trachurus</i>	Horse Mackerel
<i>Tursiops truncatus</i>	Bottlenose Dolphin
<i>Ziphius cavirostris</i>	Cuvier`s Beaked Whale

Table 2 Habitats

Habitats/Cynefin	Priority Habitats/Cynefin sy'n Flaenoriaeth
Terrestrial/Tirol	
Broadleaved, mixed and yew woodland	Traditional orchards
	Wood pasture & parkland
	Upland oak woodland
	Lowland beech and yew woodland
	Upland mixed ash woodland
	Wet woodland
	Lowland mixed deciduous woodland
Boundary and linear features	Hedgerows
Arable and horticultural	Arable field margins
Improved grassland	Coastal and floodplain grazing marsh
Neutral grassland	Lowland meadows
Calcareous grassland	Lowland calcareous grassland
	Upland calcareous grassland
Acid grassland	Lowland dry acid grassland
Dwarf shrub heath	Lowland heathland
	Upland heathland
Fen, marsh and swamp	Upland flushes, fens and swamps
	Lowland fens
	Purple moorgrass and rush pastures
	Reedbeds
Bogs	Lowland raised bog
	Blanket bog
Montane Habitats	Mountain heaths and willow scrub
Rivers and Streams	Rivers
Standing open waters and canals	Oligotrophic and dystrophic lakes
	Ponds
	Mesotrophic lakes
	Eutrophic standing waters
	Aquifer-fed naturally fluctuating water bodies
Inland rock	Inland rock outcrop and scree habitats

	Calaminarian grasslands
	Open mosaic habitats on previously developed land
	Limestone pavements
Supralittoral rock	Maritime cliff and slope
Supralittoral sediment	Coastal sand dunes
	Coastal vegetated shingle
Marine/Morol	
Littoral Rock	Intertidal boulder communities
	<i>Sabellaria alveolata</i> reefs
	Estuarine rocky habitats
Littoral sediment	Coastal saltmarsh
	Intertidal mudflats
	Seagrass beds
	Sheltered muddy gravels
	Peat and clay exposures
Sublittoral rock	Tidal swept channels
	Fragile sponge & anthozoan communities on subtidal rocky habitats
	Carbonate reefs
Sublittoral sediment	Subtidal sands and gravels
	Subtidal mixed muddy sediments
	Mud habitats in deep water
	<i>Musculus discors</i> beds
	Blue mussel beds
	Horse mussel beds
	Maerl beds
	Saline lagoons