

## Checklist of protected & rare species in Ireland

Key to Tables:

### EU Directives

EU HD	EU Habitats Directive [Council Directive 92/43/EEC]
	II Annex II animal & plant species
	IV Annex IV animal & plant species
	V Annex V animal & plant species
EU BD	EU Birds Directive [Council Directive 79/409/EEC]
	I Annex I bird species
	II(I) Annex II, section I bird species
	II(II) Annex II, section II bird species
	III(I) Annex III, section I bird species
	III(II) Annex III, section II bird species
	III(III) Annex III, section III bird species

### National legislation

WA	Wildlife Act, 1976 & Wildlife (Amendment) Act, 2000
FPO	Flora (Protection) Order, 1999 [SI 94/1999]

### Published National Red Lists\*

#### Plant Red Lists<sup>1,2</sup>

Ex	Extinct
E	Endangered
V	Vulnerable
R	Rare
I	Indeterminate (E,V or R, but not enough information available to say which)
K	Insufficiently known
DD	Data deficient

#### Vertebrate Red List<sup>3</sup>

Ex	Extinct
V	Vulnerable
R	Rare
I	Indeterminate (E,V or R, but not enough information available to say which)
II	Internationally important

#### IUCN (2001) Red List<sup>4,5</sup>

RE	Regionally Extinct
CR	Critically Endangered
EN	Endangered
VU	Vulnerable
NT	Near threatened
DD	Data deficient

#### Birds of Conservation Concern in Ireland (BoCCI)<sup>6</sup>

BD Red
BD Amber

\* Many national red lists are under review, to bring them into line with the IUCN 2001 criteria & categories<sup>7</sup>, and the IUCN guidance on regional red listing<sup>8</sup>.

## References

- <sup>1</sup> Curtis, T. G. F. & McGough, H. N. (1988) *The Irish Red Data Book 1: Vascular Plants*. Dublin: Stationery Office
- <sup>2</sup> Stewart, N. F. & Church, J. M. (1992) *Red Data Books of Britain & Ireland: Stoneworts*. Peterborough: JNCC.
- <sup>3</sup> Whilde, T. (1993) *The Irish Red Data Book 2: Vertebrates: Threatened Mammals, Birds, Amphibians and Fish in Ireland*. Belfast: H.M.S.O.
- <sup>4</sup> Fitzpatrick, Ú., Murray, T. E., Byrne, A., Paxton, R. J. & Brown, M. J. F. (2006) *Regional Red List of Irish Bees*. Report to National Parks & Wildlife Service (Ireland) and Environment & Heritage Service (N. Ireland). <http://www.npws.ie/en/media/Media,4860,en.pdf>
- <sup>5</sup> Foster, G. N., Nelson, B. H. & O Connor, Á. (2008) *Ireland Red List No. 1 – Water beetles*. National Parks and Wildlife Service, Department of Environment, Heritage and Local Government, Dublin, Ireland.
- <sup>6</sup> BirdWatch Ireland & RSPB NI (2008) *Birds of Conservation Concern in Ireland – BoCCI*. <http://www.birdwatchireland.ie/Default.aspx?tabid=178>
- <sup>7</sup> IUCN (2001) *IUCN Red List Categories and Criteria. Version 3.1*. IUCN, Gland, Switzerland and Cambridge, UK.
- <sup>8</sup> IUCN (2003) *Guidelines for application of IUCN Red List criteria at regional levels. Version 3.0*. Species Survival Commission. IUCN, Gland, Switzerland and Cambridge, UK.

**PLANTS, ALGAE & LICHENS****Angiosperms (Flowering plants)**

Species		EU HD	FPO	Plant Red
<i>Adoxa moschatellina</i>				V
<i>Luronium natans</i>	Floating Water-Plantain	II		
<i>Allium schoenoprasum</i>	Chives		✓	R
<i>Asparagus officinalis</i> ssp. <i>prostrata</i>	Wild Asparagus		✓	R
<i>Simethis planifolia</i>	Kerry Lily		✓	V
<i>Mertensia maritima</i>	Oyster Plant		✓	R
<i>Callitriche truncata</i>	Short-leaved Water-Starwort		✓	R
<i>Campanula trachelium</i>	Bats-in-the-Belfry			V
<i>Arenaria norvegica</i>				DD
<i>Agrostemma githago</i>				Ex
<i>Arenaria ciliata</i>	Fringed Sandwort		✓	R
<i>Minuartia recurva</i>	Recurved Sandwort		✓	R
<i>Silene acaulis</i>				R
<i>Arthrocnemum perenne</i>	Perennial Glasswort		✓	V
<i>Helianthemum canum</i>	Hoary Rock-rose			R
<i>Helianthemum nummularium</i>	Common Rockrose		✓	R
<i>Tuberaria guttata</i>				R
<i>Colchicum autumnale</i>	Autumn Crocus		✓	E
<i>Carduus nutans</i>				DD
<i>Hypochoeris glabra</i>				DD
<i>Otanthus maritimus</i>	Cottonweed		✓	E
<i>Anthemis arvensis</i>				Ex
<i>Serratula tinctoria</i>				Ex
<i>Cirsium helenioides</i>				R
<i>Logfia minima</i>	Slender Cudweed		✓	R
<i>Omalotheca sylvatica</i>	Wood Cudweed		✓	R
<i>Saussurea alpina</i>	Alpine Saussurea			R
<i>Taraxacum gotlandicum</i>				R
<i>Erigeron acer</i>				V
<i>Inula salicina</i>	Irish Fleabane		✓	V
<i>Matthiola sinuata</i>				Ex
<i>Cardamine amara</i>				R
<i>Cardamine impatiens</i>	Narrow leaved Bitter-Cress		✓	R
<i>Cardaminopsis petraea</i>	Northern Rockcress		✓	R
<i>Draba incana</i>				R
<i>Rorippa islandica</i>	Marsh Yellowcress			R
<i>Teesdalia nudicaulis</i>				R
<i>Carex divisa</i>	Divided Sedge		✓	Ex
<i>Centaurea cyanus</i>				Ex
<i>Carex depauperata</i>	Starved Wood Sedge		✓	R
<i>Carex magellanica</i>				R
<i>Eriophorum gracile</i>	Slender Cotton Grass		✓	R
<i>Carex pauciflora</i>				V
<i>Centaureum littorale</i>				V
<i>Eleocharis parvula</i>				V
<i>Scirpus triquetus</i>	Triangular Club Rush		✓	V
<i>Elatine hydropiper</i>				R
<i>Orthilia secunda</i>				E
<i>Erica mackaiana</i>				R
<i>Monotropa hypopitys</i>				R
<i>Pyrola media</i>				R
<i>Pyrola rotundifolia</i> ssp. <i>maritima</i>	Round-leaved Wintergreen		✓	R
<i>Pyrola rotundifolia</i> ssp. <i>rotundifolia</i>				R

Species		EU HD	FPO	Plant Red
<i>Erica ciliaris</i>	Dorset Heath			V
<i>Erica vagans</i>				V
<i>Euphorbia peplis</i>				Ex
<i>Centaureum pulchellum</i>	Lesser Centaury		✓	V
<i>Geranium purpureum</i>	Little Robin Cranesbill			V
<i>Geranium rotundifolium</i>				V
<i>Geranium sylvaticum</i>				V
<i>Geranium pratense</i>				y
<i>Hypericum canadense</i>	Canadian St. John's Wort		✓	R
<i>Hypericum hirsutum</i>	Hairy St. John's Wort		✓	V
<i>Hydrilla verticillata</i>	Irish Hydrilla		✓	V
<i>Scleranthus annuus</i>	Annual Knawel		✓	
<i>Juncus compressus</i>				R
<i>Scheuchzeria palustris</i>				Ex
<i>Ajuga pyramidalis</i>	Pyramidal Bugle			R
<i>Lamium galeobdolon ssp. montanum</i>				R
<i>Salvia verbenaca</i>	Wild Clary			R
<i>Acinos arvensis</i>	Basil Thyme		✓	V
<i>Galeopsis angustifolia</i>	Red Hemp Nettle		✓	V
<i>Mentha pulegium</i>	Penny Royal		✓	V
<i>Stachys officinalis</i>	Betony		✓	V
<i>Lathyrus japonicus</i>	Sea pea		✓	DD
<i>Astragalus danicus</i>	Purple Milk Vetch		✓	R
<i>Lotus subbiflorus</i>	Hairy Birdsfoot Trefoil		✓	R
<i>Ornithopus perpusillus</i>	Birdsfoot			R
<i>Vicia lathyroides</i>				R
<i>Trifolium glomeratum</i>	Clustered Clover		✓	V
<i>Trifolium subterraneum</i>	Subterranean Clover		✓	V
<i>Vicia orobus</i>	Bitter Vetch		✓	V
<i>Najas flexilis</i>	Slender Naiad	II	IV	✓
<i>Epilobium alsinifolium</i>	Chickweed Willow Herb		✓	R
<i>Hammarbya paludosa</i>	Bog Orchid		✓	R
<i>Spiranthes romanzoffiana</i>	Drooping Lady's Tresses		✓	R
<i>Cephalanthera longifolia</i>	Narrow-leaved Helleborine		✓	V
<i>Epipactis phyllanthes</i>	Green-flowered Helleborine			V
<i>Orchis morio</i>	Green-winged orchid			V
<i>Pseudorchis albida</i>	Small-white Orchid		✓	V
<i>Orobanche rapum-genistae</i>	Greater Broomrape			R
<i>Papaver hybridum</i>	Round Prickly-headed Poppy		✓	E
<i>Hordelymus europaeus</i>				DD
<i>Lolium temulentum</i>				Ex
<i>Bromus racemosus</i>				R
<i>Calamagrostis epigejos</i>	Wood small-reed		✓	R
<i>Deschampsia setacea</i>	Bog Hair Grass		✓	R
<i>Hierochloa odorata</i>				R
<i>Poa alpina</i>	Alpine Poa			R
<i>Poa palustris</i>				R
<i>Puccinellia fasciculata</i>	Tufted Salt-marsh Grass		✓	R
<i>Calamagrostis stricta</i>				V
<i>Hordeum secalinum</i>	Meadow Barley		✓	V
<i>Alopecurus aequalis</i>	Orange Foxtail		✓	
<i>Polygonum viviparum</i>	Alpine Bistort		✓	DD
<i>Polygonum maritimum</i>	Sea Knotgrass			R
<i>Rumex maritimus</i>				R
<i>Groenlandia densa</i>	Opposite-leaved Pondweed		✓	V
<i>Hottonia palustris</i>	Water violet			R
<i>Ranunculus fluitans</i>				R

Species		EU HD	FPO	Plant Red
<i>Ranunculus tripartitus</i>	Three-lobed Water Crowfoot			R
<i>Trollius europaeus</i>	Globe Flower		✓	V
<i>Frangula alnus</i>				R
<i>Alchemilla alpina</i>				R
<i>Filipendula vulgaris</i>				R
<i>Potentilla fruticosa</i>				R
<i>Rubus chamaemorus</i>				V
<i>Sanguisorba officinalis</i>	Great Burnet		✓	V
<i>Salix phylicifolia</i>	Tea-leaved Willow			R
<i>Saxifraga granulata</i>	Meadow Saxifrage		✓	E
<i>Saxifraga hirculus</i>	Yellow Marsh Saxifrage	II IV	✓	E
<i>Saxifraga aizoides</i>				R
<i>Saxifraga hartii</i>	Hart's Saxifrage		✓	R
<i>Saxifraga nivalis</i>	Alpine Saxifrage		✓	R
<i>Saxifraga oppositifolia</i>				R
<i>Limosella aquatica</i>	Mudwort		✓	R
<i>Sibthorpia europaea</i>				R
<i>Kickxia elatine</i>	Fluellen			V
<i>Melampyrum sylvaticum</i>				V
<i>Misopates orontium</i>	Lesser Snapdragon		✓	V
<i>Scrophularia umbrosa</i>				V
<i>Hyoscyamus niger</i>	Henbane			R
<i>Scandix pecten-veneris</i>				Ex
<i>Ligusticum scoticum</i>				R
<i>Oenanthe pimpinelloides</i>	Water dropwort			R
<i>Viola persicifolia</i>				R
<i>Viola hirta</i>	Hairy Violet		✓	V
<i>Viola lactea</i>	Pale Heath Violet		✓	V

### Pteridophytes (Ferns & Fern allies)

Species		EU HD	FPO	Plant Red
<i>Cryptogramma crispa</i>	Parsley Fern		✓	R
<i>Asplenium septentrionale</i>	Forked Spleenwort		✓	R
<i>Asplenium obovatum</i> subsp. <i>lanceolatum</i>	Lanceolate Spleenwort		✓	V
<i>Polystichum lonchitis</i>	Holly Fern			R
<i>Equisetum pratense</i>				R
<i>Equisetum X moorei</i>	Moore's Horsetail		✓	
<i>Trichomanes speciosum</i>	Killarney Fern	II IV	✓	R
<i>Lycopodiella inundata</i>	Marsh Clubmoss		V ✓	R
<i>Diphasiastrum alpinum</i>			V	
<i>Huperzia selago</i>			V	
<i>Lycopodium clavatum</i>			V	
<i>Pilularia globulifera</i>	Pillwort		✓	R
<i>Gymnocarpium dryopteris</i>	Oak Fern			V
<i>Gymnocarpium robertianum</i>	Limestone Fern		✓	V

**Bryophytes (Mosses & Liverworts)**

Species		EU HD	FPO
<i>Drepanocladus vernicosus</i>	Shining Sickle-Moss	II	✓
<i>Bryum calophyllum</i>			✓
<i>Bryum marratii</i>			✓
<i>Catoscopium nigratum</i>			✓
<i>Petalophyllum ralfsii</i>	Petalwort	II	✓
<i>Leucobryum glaucum</i>		V	
<i>Leiocolea gillmanii</i>			✓
<i>Leiocolea rutheana</i>	Fen flapwort		✓
<i>Paludella squarrosa</i>			✓
<i>Orthotrichum pallens</i>			✓
<i>Orthotrichum sprucei</i>			✓
<i>Orthotrichum stramineum</i>			✓
<i>Plagiochila atlantica</i>			✓
<i>Leptobarbula berica</i>			✓
<i>Pottia wilsonii</i>			✓
<i>Tortella inclinata</i>			✓
<i>Weissia longifolia</i>			✓
<i>Weissia rostellata</i>			✓
<i>Tetraplodon angustatus</i>			✓

ALL members of the bryophyte family Sphagnaceae are protected under Annex V of the EU Habitats Directive [92/43/EEC].

**Algae**

Species		EU HD	FPO	Plant Red
<i>Chara muscosa</i>				Ex
<i>Tolypella prolifera</i>				Ex
<i>Chara connivens</i>				I
<i>Nitella spanioclema</i>				I
<i>Chara baltica</i>				K
<i>Nitellopsis obtusa</i>				K
<i>Chara denudata</i>				R
<i>Chara tomentosa</i>				R
<i>Nitella mucronata</i>				R
<i>Chara canescens</i>				V
<i>Lamprothamnium papulosum</i>	Foxtail Stonewort		✓	V
<i>Nitella gracilis</i>	Slender Stonewort		✓	V
<i>Nitella tenuissima</i>				V
<i>Tolypella intricata</i>				V
<i>Lithothamnion corralloides</i>	Maerl	V		
<i>Phymatolithon calcareum</i>	Maerl	V		

**Lichens**

Species	FPO
<i>Fulgensia fulgens</i>	✓

ALL members of the lichen species *Cladonia* subgenus *Cladina* (Reindeer Moss) are protected under Annex V of the EU Habitats Directive [92/43/EEC].

**MAMMALS**

Species		EU HD		WA	Vert. Red	
<i>Erinaceus europaeus</i>	Hedgehog			✓	II	
<i>Sorex minutus</i>	Pygmy shrew			✓		
<i>Rhinolophus hipposideros</i>	Lesser Horseshoe	II	IV	✓	II	
<i>Myotis mystacinus</i>	Whiskered bat		IV	✓	I	
<i>Myotis nattereri</i>	Natterer's bat		IV	✓	I	
<i>Myotis daubentoni</i>	Daubenton's bat		IV	✓	II	
<i>Myotis brandtii</i>	Brandt's bat		IV	✓		
<i>Nyctalus leisleri</i>	Leisler's bat		IV	✓	II	
<i>Pipistrellus pipistrellus</i>	Common pipistrelle		IV	✓	II	
<i>Pipistrellus pygmaeus</i>	Soprano pipistrelle		IV	✓		
<i>Pipistrellus nathusii</i>	Nathusius' pipistrelle		IV	✓		
<i>Plecotus auritus</i>	Brown long-eared bat		IV	✓	II	
<i>Lepus timidus</i>	Irish hare			V	✓	II
<i>Lepus europaeus</i>	Brown hare			✓		
<i>Rattus rattus</i>	Ship rat					R
<i>Sciurus vulgaris</i>	Red squirrel			✓		
<i>Lutra lutra</i>	Otter	II	IV	✓	II	
<i>Martes martes</i>	Pine marten			V	✓	II
<i>Meles meles</i>	Badger			✓		II
<i>Mustela erminea</i>	Stoat			✓		
<i>Halichoerus grypus</i>	Grey seal	II		V	✓	
<i>Phoca vitulina</i>	Harbour seal	II		V	✓	
<i>Canis lupus</i>	Grey wolf					Ex
<i>Cervus elaphus</i>	Red deer			✓		
<i>Cervus nippon</i>	Sika deer			✓		
<i>Dama dama</i>	Fallow deer			✓		
<i>Tursiops truncatus (tursio)</i>	Bottlenose dolphin	II	IV	✓		
<i>Phocoena phocoena</i>	Harbour porpoise	II	IV	✓		

ALL cetaceans are protected under the EC Habitats Directive (Annex IV), the Whale Fisheries Act, 1937 (including an order made in SI 240/1982) and the Wildlife Act, 1976.

**REPTILES**

Species		EU HD		WA
<i>Dermochelys coriacea</i>	Leatherback turtle		IV	✓
<i>Lepidochelys kempii</i>	Kemp's Ridley turtle		IV	✓
<i>Caretta caretta</i>	Loggerhead turtle	II	IV	✓
<i>Eretmochelys imbricata</i>	Hawksbill turtle		IV	✓
<i>Lacerta vivipara</i>	Common lizard			✓

The common lizard was added to the Wildlife Act, 1976 by regulations made in SI 282/1980, and Marine turtles were added by regulations made in SI 112/1990.

**AMPHIBIANS**

Species		EU HD		WA	Vert. Red
<i>Bufo calamita</i>	Natterjack toad	IV		✓	E
<i>Rana temporaria</i>	Common frog		V	✓	II
<i>Triturus vulgaris</i>	Common newt			✓	

The common frog and common newt were added to the Wildlife Act, 1976 by regulations made in SI 282/1980.

**FISH**

Species		EU HD		Vert. Red
<i>Acipenser sturio</i>	Sturgeon	IV		
<i>Alosa alosa</i>	Allis Shad	II	V	E
<i>Alosa fallax</i>	Twaite Shad	II	V	V
<i>Alosa fallax killarnensis</i>	Killarney Shad	II	V	E
<i>Osmerus eperlanus</i>	Smelt			V
<i>Lampetra fluviatilis</i>	River Lamprey	II	V	I
<i>Lampetra planeri</i>	Brook Lamprey	II		I
<i>Petromyzon marinus</i>	Sea Lamprey	II		I
<i>Coregonus autumnalis</i>	Pollan		V	E
<i>Salvelinus alpinus</i>	Arctic Charr			V
<i>Salmo salar</i>	Salmon	II*	V*	II

\*This only refers to Salmon in freshwater.

Numerous fish and invertebrates are listed on the Wildlife (Fish and Aquatic Invertebrate Animals) (Exclusion) Regulations, 2001 [SI 372/2001], which excludes them from the provisions of the Wildlife (Amendment) Act, 2000.

**INVERTEBRATES****Bees**

Species	Red status
<i>Andrena angustior</i>	VU
<i>Andrena apicata</i>	DD
<i>Andrena barbilabris</i>	NT
<i>Andrena coitana</i>	VU
<i>Andrena denticulata</i>	VU
<i>Andrena fucata</i>	NT
<i>Andrena fulva</i>	RE
	Tawny mining bee
<i>Andrena fuscipes</i>	VU
<i>Andrena helvola</i>	DD
<i>Andrena humilis</i>	CR
<i>Andrena marginata</i>	CR
<i>Andrena nigroaenea</i>	VU
<i>Andrena ovatula</i>	DD
<i>Andrena pilipes</i>	DD
<i>Andrena praecox</i>	VU
<i>Andrena rosae</i>	RE
<i>Andrena semilaevis</i>	VU
<i>Andrena stragulata</i>	DD
<i>Andrena trimmerana</i>	CR
<i>Andrena wilkella</i>	DD
<i>Bombus (P.) barbutellus</i>	EN
<i>Bombus (P.) bohemicus</i>	NT
<i>Bombus (P.) campestris</i>	VU
<i>Bombus (P.) rupestris</i>	EN
<i>Bombus cryptarum</i>	DD
<i>Bombus distinguendus</i>	EN
	Great yellow bumblebee
<i>Bombus lapidarius</i>	NT
	Red-tailed bumblebee
<i>Bombus magnus</i>	DD
<i>Bombus muscorum</i>	NT
<i>Bombus ruderarius</i>	VU
	Red-shanked carder bumblebee
<i>Bombus sylvarum</i>	EN
	Shrill carder bumblebee
<i>Coelioxys elongata</i>	EN
<i>Coelioxys inermis</i>	DD
<i>Colletes daviesanus</i>	DD
<i>Colletes floralis</i>	VU
<i>Colletes fodiens</i>	DD
<i>Colletes similis</i>	NT
<i>Halictus tumulorum</i>	NT
<i>Hylaeus brevicornis</i>	EN
<i>Hylaeus hyalinatus</i>	VU
<i>Lasioglossum lativentre</i>	CR
<i>Lasioglossum nitidiusculum</i>	VU
<i>Lasioglossum rufitarse</i>	VU
<i>Lasioglossum smeathmanellum</i>	DD
<i>Megachile centuncularis</i>	NT
<i>Megachile circumcincta</i>	DD
<i>Megachile ligniseca</i>	DD
<i>Megachile maritima</i>	NT
<i>Megachile willughbiella</i>	NT
<i>Nomada argentata</i>	CR
<i>Nomada goodeniana</i>	EN
<i>Nomada obtusifrons</i>	EN
<i>Nomada panzeri</i>	NT
<i>Nomada sheppardana</i>	RE

Species	Red Status
<i>Nomada striata</i>	EN
<i>Osmia aurulenta</i>	NT
<i>Sphecodes crassus</i>	DD
<i>Sphecodes ferruginatus</i>	EN
<i>Sphecodes gibbus</i>	CR
<i>Sphecodes hyalinatus</i>	VU
<i>Sphecodes pellucidus</i>	DD

### Water beetles

Species	Red Status
<i>Agabus arcticus</i> (Paykull)	NT
<i>Agabus congener</i> (Thunberg)	VU
<i>Agabus conspersus</i> (Marsham)	EN
<i>Agabus labiatus</i> (Brahm)	NT
<i>Agabus melanarius</i> Aubé	DD
<i>Augyles maritimus</i> (Guérin-Méneville)	DD
<i>Bagous alismatis</i> (Marsham)	CR
<i>Bagous brevis</i> Gyllenhal	CR
<i>Bagous collignensis</i> (Herbst)	DD
<i>Bagous frit</i> (Herbst)	VU
<i>Bagous glabrirostris</i> (Herbst)	RE
<i>Bagous limosus</i> (Gyllenhal)	CR
<i>Bagous lutosus</i> (Gyllenhal)	DD
<i>Bagous lutulentus</i> (Gyllenhal)	CR
<i>Berosus luridus</i> (L.)	CR
<i>Berosus signaticollis</i> (Charpentier)	EN
<i>Bidessus minutissimus</i> (Germar)	RE
<i>Chaetarthria seminulum</i> (Herbst)	DD
<i>Cyphon kongsbergensis</i> Munster	VU
<i>Cyphon palustris</i> Thomson	DD
<i>Cyphon punctipennis</i> Sharp	VU
<i>Donacia aquatica</i> (L.)	VU
<i>Donacia cinerea</i> Herbst	VU
<i>Donacia dentata</i> Hoppe	DD
<i>Donacia marginata</i> Hoppe	NT
<i>Donacia semicuprea</i> Panzer	RE
<i>Donacia sparganii</i> Ahrens	DD
<i>Dryops similaris</i> Bollow	NT
<i>Dytiscus circumcinctus</i> Ahrens	NT
<i>Dytiscus lapponicus</i> Gyllenhal	NT
<i>Elodes elongata</i> Tournier	DD
<i>Elodes minuta</i> (L.)	DD
<i>Elodes pseudominuta</i> Klausnitzer	DD
<i>Enicocerus exsculptus</i> (Germar)	EN
<i>Enochrus halophilus</i> (Bedel)	VU
<i>Enochrus melanocephalus</i> (Olivier)	NT
<i>Georissus crenulatus</i> (Rossi)	DD
<i>Graptodytes bilineatus</i> (Sturm)	NT
<i>Gyrinus distinctus</i> Aubé	NT
<i>Gyrinus natator</i> (L.)	NT
<i>Gyrinus urinator</i> Illiger	NT
<i>Halipus apicalis</i> Thomson	EN
<i>Halipus lineolatus</i> Mannerheim	NT
<i>Halipus variegatus</i> Sturm	VU
<i>Helophorus alternans</i> Gené	RE
<i>Helophorus arvernicus</i> Mulsant	EN

Species	Red Status
<i>Helophorus fulgidicollis</i> Motschulsky	VU
<i>Helophorus granularis</i> (L.)	EN
<i>Helophorus nanus</i> Sturm	VU
<i>Helophorus strigifrons</i> Thomson	VU
<i>Heterocerus fenestratus</i> (Thunberg)	DD
<i>Heterocerus flexuosus</i> Stephens	DD
<i>Heterocerus fossor</i> Kiesenwetter	DD
<i>Heterocerus marginatus</i> (Fab.)	DD
<i>Hydraena minutissima</i> Stephens	CR
<i>Hydraena nigrita</i> Germar	VU
<i>Hydraena pulchella</i> Germar	RE
<i>Hydraena pygmaea</i> Waterhouse	RE
<i>Hydraena rufipes</i> Curtis	EN
<i>Hydraena testacea</i> Curtis	VU
<i>Hydrochus angustatus</i> Germar	RE
<i>Hydrochus brevis</i> (Herbst)	VU
<i>Hydrochus ignicollis</i> Motschulsky	NT
<i>Hydrocyphon deflexicollis</i> (Müller)	EN
<i>Hydroporus glabriusculus</i> Aubé	EN
<i>Hydroporus longicornis</i> Sharp	EN
<i>Hydroporus morio</i> Aubé	VU
<i>Hydroporus neglectus</i> Schaum	DD
<i>Hydroporus obsoletus</i> Aubé	NT
<i>Hydroporus scalesianus</i> Stephens	NT
<i>Hydrovatus clypealis</i> Sharp	DD
<i>Hygrotus decoratus</i> (Gyllenhal)	CR
<i>Hygrotus novemlineatus</i> (Stephens)	VU
<i>Hygrotus parallelogrammus</i> (Ahrens)	DD
<i>Hygrotus versicolor</i> (Schaller)	VU
<i>Ilybius chalconatus</i> (Panzer)	VU
<i>Ilybius subaeneus</i> Erichson	VU
<i>Laccobius atratus</i> (Rottenberg)	NT
<i>Laccophilus hyalinus</i> (De Geer)	VU
<i>Laccornis oblongus</i> (Stephens)	NT
<i>Limnebius nitidus</i> (Marsham)	EN
<i>Macroplea appendiculata</i> (Panzer)	NT
<i>Nebrioporus depressus elegans</i> (Panzer)	DD
<i>Ochthebius auriculatus</i> Rey	NT
<i>Ochthebius bicolon</i> Germar	VU
<i>Ochthebius marinus</i> (Paykull)	NT
<i>Ochthebius nilssoni</i> Hebauer	VU
<i>Ochthebius poweri</i> Rye	DD
<i>Ochthebius viridis fallaciosus</i> Ganglbauer	NT
<i>Oreodytes davisii</i> (Curtis)	NT
<i>Paracymus scutellaris</i> (Rosenhauer)	NT
<i>Platambus maculatus</i> (L.)	DD
<i>Plateumaris bracata</i> (Scopoli)	CR
<i>Plateumaris rustica</i> (Kunze)	RE
<i>Prionocyphon serricornis</i> (Müller)	DD
<i>Stictotarsus multilineatus</i> (Falkenström)	NT

**Other Invertebrates**

Species		EU HD		WA
<i>Euphydryas aurinia</i>	Marsh fritillary	II		
<i>Austropotamobius pallipes</i>	White-clawed crayfish	II	V	✓
<i>Geomalacus maculosus</i>	Kerry slug	II	IV	✓
<i>Vertigo angustior</i>	Marsh snail	II		
<i>Vertigo geyeri</i>	Marsh snail	II		
<i>Vertigo moulinsiana</i>	Marsh snail	II		
<i>Margaritifera margaritifera</i>	Freshwater pearl mussel	II	V	✓

The White-clawed crayfish, Kerry slug and Freshwater pearl mussel were added to the Wildlife Act, 1976 by regulations made in SI 112/1990.

**BIRDS**

Species		EU BD		BD Red	BD Amb.	Vert. Red
<i>Accipiter gentilis</i>	Goshawk				✓	
<i>Aquila chrysaetos</i>	Golden Eagle	I		✓		Ex
<i>Falco tinnunculus</i>	Kestrel				✓	
<i>Circus aeruginosus</i>	Marsh Harrier					Ex
<i>Circus cyaneus</i>	Hen Harrier	I			✓	E
<i>Haliaeetus albicilla</i>	White-tailed Eagle					Ex
<i>Milvus milvus</i>	Red Kite				✓	
<i>Alauda arvensis</i>	Skylark				✓	
<i>Lullula arborea</i>	Woodlark					Ex
<i>Alcedo atthis</i>	Kingfisher	I			✓	
<i>Alca torda</i>	Razorbill				✓	
<i>Cepphus grylle</i>	Black Guillemot				✓	
<i>Fratercula arctica</i>	Puffin				✓	
<i>Uria aalge</i>	Guillemot				✓	
<i>Anas acuta</i>	Pintail	II(I)	III(II)	✓		R
<i>Anas clypeata</i>	Shoveler	II(I)	III(III)	✓		R
<i>Anas crecca</i>	Teal	II(I)	III(II)		✓	
<i>Anas penelope</i>	Wigeon	II(I)	III(II)		✓	
<i>Anas platyrhynchos</i>	Mallard	II(I)	III(I)			
<i>Anas querquedula</i>	Garganey	II(I)			✓	R
<i>Anas strepera</i>	Gadwall	II(I)			✓	R
<i>Anser albifrons</i>	White-fronted Goose	I	II(II)	III(III)	✓	II
<i>Anser anser</i>	Greylag Goose	II(I)	III(II)		✓	
<i>Anser brachyrhynchus</i>	Pink-footed Goose		II(II)			
<i>Aythya ferina</i>	Pochard	II(I)	III(II)		✓	R
<i>Aythya fuligula</i>	Tufted Duck	II(I)	III(II)		✓	
<i>Aythya marila</i>	Scaup	II(II)	III(III)		✓	
<i>Branta bernicla</i>	Brent Goose				✓	II
<i>Branta canadensis</i>	Canada Goose	II(I)				
<i>Branta leucopsis</i>	Barnacle Goose				✓	II
<i>Bucephala clangula</i>	Goldeneye	II(II)			✓	
<i>Clangula hyemalis</i>	Long-tailed Duck	II(II)				
<i>Cygnus bewickii</i>	Bewick's Swan	I		✓		
<i>Cygnus cygnus</i>	Whooper Swan	I			✓	II
<i>Cygnus olor</i>	Mute Swan				✓	
<i>Melanitta nigra</i>	Common Scoter	II(II)	III(III)	✓		E
<i>Melanitta fusca</i>	Velvet Scoter	II(II)				
<i>Mergus merganser</i>	Goosander	II(II)			✓	R
<i>Mergus serrator</i>	Red-breasted Merganser	II(II)				
<i>Somateria mollissima</i>	Eider	II(II)	III(II)		✓	
<i>Tadorna tadorna</i>	Shelduck				✓	
<i>Botaurus stellaris</i>	Bittern					Ex
<i>Egretta garzetta</i>	Little Egret	I				
<i>Caprimulgus europaeus</i>	Nightjar	I		✓		E
<i>Charadrius alexandrinus</i>	Kentish Plover	I				
<i>Charadrius hiaticula</i>	Ringed Plover				✓	
<i>Pluvialis apricaria</i>	Golden Plover	I	II(II)	III(III)	✓	V
<i>Pluvialis squatarola</i>	Grey Plover				✓	
<i>Haematopus ostralegus</i>	Oystercatcher				✓	
<i>Vanellus vanellus</i>	Lapwing	II(II)		✓		
<i>Streptopelia turtur</i>	Turtle Dove				✓	
<i>Columba livia</i>	Rock Dove	II(I)				
<i>Columba oenas</i>	Stock Dove				✓	
<i>Columba palumbus</i>	Woodpigeon	II(I)	III(I)			
<i>Pyrhhorcorax pyrrhhorcorax</i>	Chough	I			✓	II
<i>Sturnus vulgaris</i>	Starling				✓	

Species		EU BD		BD Red	BD Amb.	Vert. Red
<i>Emberiza citrinella</i>	Yellowhammer			✓		
<i>Miliaria calandra</i>	Corn Bunting					E
<i>Falco columbarius</i>	Merlin	I			✓	R
<i>Falco peregrinus</i>	Peregrine	I				II
<i>Falco tinnunculus</i>	Red-footed Falcon	I				
<i>Carduelis flavirostris</i>	Twite			✓		I
<i>Carduelis cannabina</i>	Linnet				✓	
<i>Gavia arctica</i>	Black-throated Diver	I			✓	
<i>Gavia immer</i>	Great Northern Diver	I				
<i>Gavia stellata</i>	Red-throated Diver	I			✓	R
<i>Apus apus</i>	Swift				✓	
<i>Hirundo rustica</i>	Swallow				✓	
<i>Riparia riparia</i>	Sand Martin				✓	
<i>Delichon urbica</i>	House Martin				✓	
<i>Hydrobates pelagicus</i>	Storm Petrel	I			✓	II
<i>Oceanodroma leucorhoa</i>	Leach's Petrel	I			✓	
<i>Catharacta skua</i>	Great Skua				✓	
<i>Larus canus</i>	Common Gull				✓	
<i>Larus melanocephalus</i>	Mediterranean Gull	I			✓	
<i>Larus minutus</i>	Little Gull	I				
<i>Larus ridibundus</i>	Black-headed Gull			✓		
<i>Larus argentatus</i>	Herring Gull			✓		
<i>Larus marinus</i>	Great black-backed Gull				✓	
<i>Larus fuscus</i>	Lesser black-backed Gull				✓	
<i>Rissa tridactyla</i>	Kittiwake				✓	
<i>Motacilla flava</i>	Yellow Wagtail				✓	
<i>Ficedula hypoleuca</i>	Pied Flycatcher				✓	
<i>Muscicapa striata</i>	Spotted Flycatcher				✓	
<i>Passer montanus</i>	Tree Sparrow				✓	I
<i>Passer domesticus</i>	House Sparrow				✓	
<i>Phalacrocorax carbo</i>	Cormorant				✓	
<i>Phalacrocorax aristotelis</i>	Shag				✓	
<i>Phalaropus lobatus</i>	Red-necked Phalarope	I		✓		E
<i>Coturnix coturnix</i>	Quail			✓		
<i>Perdix perdix</i>	Grey Partridge	II(I)	III(I)	✓		E
<i>Phasianus colchicus</i>	Pheasant	II(I)	III(I)			
<i>Podiceps cristatus</i>	Great-crested Grebe				✓	
<i>Podiceps nigricollis</i>	Black-necked Grebe			✓		R
<i>Podiceps ruficollis</i>	Little Grebe				✓	
<i>Podiceps auritus</i>	Slavonian Grebe				✓	
<i>Procellaria diomedea</i>	Cory's Shearwater	I			✓	
<i>Puffinus griseus</i>	Sooty Shearwater			✓		
<i>Puffinus puffinus</i>	Manx Shearwater				✓	
<i>Puffinus mauretanicus</i>	Balearic Shearwater			✓		
<i>Crex crex</i>	Corncrake	I		✓		E
<i>Fulica atra</i>	Coot	II(I)	III(II)		✓	
<i>Porzana porzana</i>	Spotted Crake				✓	
<i>Rallus aquaticus</i>	Water Rail				✓	
<i>Calidris alpina</i>	Dunlin	I			✓	V
<i>Calidris canutus</i>	Knot			✓		
<i>Gallinago gallinago</i>	Snipe	II(I)	III(III)		✓	
<i>Limosa lapponica</i>	Bar-tailed Godwit	I			✓	
<i>Limosa limosa</i>	Black-tailed Godwit				✓	R
<i>Lymnocyptes minimus</i>	Jack-Snipe	II(I)	III(III)			
<i>Numenius arquata</i>	Curlew		II(II)	✓		
<i>Philomachus pugnax</i>	Ruff	I			✓	
<i>Scolopax rusticola</i>	Woodcock	II(I)	III(III)		✓	

Species		EU BD		BD Red	BD Amb.	Vert. Red
<i>Tringa glareola</i>	Wood Sandpiper	I			✓	
<i>Tringa hypoleucos</i>	Common Sandpiper				✓	
<i>Tringa nebularia</i>	Greenshank				✓	R
<i>Tringa totanus</i>	Redshank			✓		
<i>Chlidonias niger</i>	Black Tern	I				
<i>Sterna albifrons</i>	Little Tern	I			✓	V
<i>Sterna dougallii</i>	Roseate Tern	I			✓	E
<i>Sterna hirundo</i>	Common Tern	I			✓	
<i>Sterna paradisaea</i>	Arctic Tern	I			✓	
<i>Sterna sandvicensis</i>	Sandwich Tern	I			✓	
<i>Asio flammeus</i>	Short-eared Owl	I			✓	R
<i>Nyctea scandiaca</i>	Snowy Owl	I			✓	
<i>Morus bassanus</i>	Gannet				✓	
<i>Acrocephalus scirpaceus</i>	Reed Warbler				✓	
<i>Locustella naevia</i>	Grasshopper Warbler				✓	
<i>Phylloscopus sibilatrix</i>	Wood Warbler				✓	R
<i>Sylvia curruca</i>	Lesser Whitethroat				✓	
<i>Lagopus lagopus</i>	Red Grouse	II(I)	III(I)	✓		
<i>Tetrao urogallus cantabricus</i>	Capercaillie		III(II)			Ex
<i>Panurus biarmicus</i>	Bearded Tit					R
<i>Oenanthe pleschanka</i>	Pied Wheatear	I				
<i>Oenanthe oenanthe</i>	Wheatear				✓	
<i>Phoenicurus phoenicurus</i>	Redstart				✓	
<i>Saxicola rubetra</i>	Whinchat				✓	
<i>Turdus torquatus</i>	Ring Ouzel			✓		R
<i>Tyto alba</i>	Barn Owl			✓		I

ALL bird species occurring in Ireland are protected under both the EU Birds Directive [79/409/EEC] and the Wildlife Act, 1976 (including amendments made in SI 283/1980 and SI 397/1985).