

Protected Sites and Species, Co. Cork

Table 1: Special Areas of Conservation

Site Code	Site Name
0077	Ballymacoda (Clonpriest and Pillmore)
0090	Glengarriff Harbour & Woodland
0091	Clonakilty Bay
0093	Caha Mountains .
0097	Lough Hyne Nature Reserve and Environs
0101	Roaringwater Bay and Islands
0102	Sheep's Head
0106	St. Gobnet's Wood
0108	The Gearagh
0109	Three Castle Head to Mizen Head
0365	Killarney National Park, Magillicuddy Reeks and Caragh River Catchment
1040	Barley Cove to Ballyrisode Point
1043	Cleanderry Wood
1058	Great Island Channel
1061	Kilkeran Lake and Castlefreke Dunes
1070	Myross Wood
1230	Courtmacsherry Estuary
1547	Castletownshend
1873	Derryclogher (Knockboy) Bog
1879	Glanmore Bog
1890	Mullaghanish Bog
2036	Ballyhoura Mountains
2037	Carrigeenamronety Hill
2158	Kenmare River
2165	Lower River Shannon
2170	Blackwater River (Cork/Waterford)
2171	Bandon River
2189	Farranamanagh Lough
2280	Dunbeacon Shingle
2281	Reen Point Shingle

Table 2: Special Protection Areas

Site Code	Site Name
4021	Old Head of Kinsale
4022	Ballycotton Bay
4023	Ballymacoda Bay
4028	Blackwater Estuary
4030	Cork Harbour
4066	Bull and the Cow Rocks
4081	Clonakilty Bay

Table 2: Special Protection Areas

Site Code	Site Name
4094	Blackwater Callows
4095	Kilcolman Bay
4109	The Gearagh
4124	Sovereign Islands
4155	Beara Peninsula
4156	Sheep's Head to Toe Head
4161	Stack's to Mullaghareirk Mountains, West Limerick Hills and Mount Eagle Bog
4162	Mullaghanish to Musheramore Mountains
4190	Galley Head to Duneen Point
4191	Seven Heads
	Courtmacsherry Bay

Table 3: Natural Heritage Areas

Site Code	Site Name
1059	Hungry Hill Bog
2105	Derreenatra Bog
2371	Trafrask Bog
2386	Conigar Bog
2416	Pulleen Harbour Bog
2417	Leahill Bog
2447	Boggeragh Mountains
2449	Mount Eagle Bogs

Table 4: proposed Natural Heritage Areas

Site Code	Site Name
12	Ballinvonear Pond
72	Blackwater River and Estuary
73	Blackwater River Callows
74	Awbeg Valley (below Doneraile)
75	Awbeg Valley (above Doneraile)
76	Ballycotton, Ballynamona and Shanagarry
78	Ballyvergan Marsh
79	Bride/Bunaglanna Valley
80	Bull and Cow Rocks
83	Capel Island and Knockadoon Head
84	Castletownshend (Gate Lodge)
85	Glanworth Ponds
86	Dursey Island
87	Garrylucas Marsh
88	Glengarriff (Thatched Shooting Lodge in Forest Park)
92	Kilcolman Bog

Table 4: proposed Natural Heritage Areas

Site Code	Site Name
94	Lee Valley
98	Loughavaul
99	Ballynaclashy House, North of Middleton
100	Old Head of Kinsale
103	Shournagh Valley
105	Sovereign Islands
107	Templebreedy National School, Crosshaven
110	Whiddy Island
371	Fountainstown Swamp
446	Loughs Aderry and Ballybutler
593	Kilcatherine Heath
899	Ballindangan Marsh
1028	Orthon's Island, Adrigole Harbour
1029	Araglin Valley
1034	Bandon Valley West of Bandon
1035	Bandon Valley South of Dunmanway
1036	Banteer Ponds
1037	Bateman's Lough
1039	Blarney Castle Woods
1042	Carrigshane Hill
1043	Cleanderry Wood
1044	Cloonties Lough
1046	Douglas River Estuary
1049	Eagle Lough
1050	Eyeries Island
1051	Firkeel Gap
1052	Gallanes Lough
1053	Garrettstown Marsh
1054	Glanmire Wood
1055	Glashgarriff River
1057	Gouganebarra Lake
1059	Hungry Hill
1060	James Fort
1062	Killaneer House Glen
1064	Leamlara Wood
1065	Lough Allua
1066	Lough Beg (Cork)
1067	Lough Gal
1069	Lough Namaddra and Lough West
1071	Owen's Island
1072	Priory Wood, Lismire
1073	Roancarrigbeg and Roancarrimore
1074	Rockfarm Quarry, Little Island
1075	Rosscarbery Estuary

Table 4: proposed Natural Heritage Areas

Site Code	Site Name
1076	Rosttellan Lough, Aghada Shore and Poul nabibe Inlet
1077	Seven Heads and Dunworly Bay
1080	Blackwater Valley (Killavullen)
1082	Dunkettle Shore
1083	Toon Bridge Wood
1084	Whitegate Bay
1169	Brown's Farm, Togher Cross Roads
1183	Clasharinka Pond
1235	Ballyquirk Pond
1248	Prohus Wood
1249	Ballincollig Cave
1284	Cappul Bridge
1408	Carrigacrump Caves
1498	Dirk Bay
1515	Bandon Valley below Inishannon
1537	Rosshunsoge
1561	Awbeg Valley (Castletownroche)
1740	Bandon Valley above Inishannon
1793	Blackwater Valley (Ballincurrig Wood)
1794	Blackwater Valley (Kilcummer)
1795	Blackwater Valley (Killathy Wood)
1796	Blackwater Valley (Cregg)
1797	Blackwater Valley (The Beech Wood)
1798	Blarney Lake
1799	Ardamadame Wood
1826	Curraheel
1829	Ballinaltig Beg Pond
1854	Boylegrove Wood
1857	Blarney Bog
1887	Derreen Upper Bog
1966	Minane Bridge Marsh
1977	Sheelane Island
1978	Ballycotton Islands
1979	Monkstown Creek
1985	Kilkinnikin
1986	Garinish Point
1987	Cuskinny Marsh
1990	Owenboy River
2049	Domestic Dwelling (near Glengarriff)
2050	Cregg Castle
2086	Ballintlea Wood
2097	Conavmore, Ballyhooly (near Fermoy)
2099	Carriganass Castle, near Kealkill

Table 5: Statutory Nature Reserves

Site Name
Capel Island and Knockadoon Head
Glengarriff Harbour and Woodland
Kilcolman Bog
Lough Hyne Nature Reserve
The Gearagh

Table 6: Refuges for Fauna

Site Name
Bull Rock
Cow Rock
Old Head of Kinsale

Table 7: Ramsar Wetlands

Site Name
Blackwater River and Estuary
Ballycotton, Ballynamona and Shanagarry
Ballymacoda (Clonpriest and Pillmore)
The Gearagh

Table 8: Protected Animal Species Occurring in Cork (except Birds)

Species	Wildlife Act*	Habitats Directive Annex II**	Habitats Directive Annex IVa***	Habitats Directive Annex V****
Hedgehog	✓			
Pygmy Shrew	✓			
Irish Hare	✓			✓
Red Squirrel	✓			
Pine Marten	✓			✓
Irish Stoat	✓			
Badger	✓			
Otter	✓	✓	✓	
Red Deer	✓			
Sika Deer	✓			
Fallow Deer	✓			
Lesser Horseshoe Bat	✓	✓	✓	
Whiskered Bat	✓		✓	
Brandt's Bat	✓		✓	
Daubenton's Bat	✓		✓	
Common Pipistrelle Bat	✓		✓	
Soprano Pipistrelle Bat	✓		✓	
Nathusius Pipistrelle Bat	✓		✓	
Leisler's Bat	✓		✓	
Brown Long-eared Bat	✓		✓	
Natterer's Bat	✓		✓	

Grey Seal	✓	✓	✓	
Common Seal	✓	✓	✓	
Bottlenose Dolphin	✓	✓	✓	
Harbour Porpoise	✓	✓	✓	
Common Lizard	✓			
Common Frog	✓			✓
Common Newt	✓			
White-clawed Crayfish	✓	✓	✓	
Marsh Fritillary		✓		
Freshwater Pearl Mussel	✓	✓	✓	
Kerry Slug	✓	✓	✓	
River Lamprey		✓	✓	
Brook Lamprey		✓	✓	
Sea Lamprey		✓	✓	
Allis Shad		✓	✓	
Twaite Shad		✓	✓	
Atlantic Salmon		✓	✓	

(Species highlighted in green are species which have been identified to be of special conservation significance in Cork, Cork County Biodiversity Action Plan).

***Listing under Wildlife Acts:** These species are protected under Section 20 of the Wildlife Act 1976. Any person who hunts or injures these species, or who wilfully interferes with their breeding or resting places is guilty of an offence under the Wildlife Act under Section 23 of the Act. Section 23 does not apply where unintentional injury or harm is caused to an animal or its breeding site or resting place during construction activities or other work, or where the activity/works have been permitted under license or given other statutory consent (eg planning permission). A derogation license is required from the National Parks and Wildlife Service to allow work to proceed where it is known that it could cause injury to a species on this list, or harm to their breeding sites or resting places. Where a derogation license is required in relation to development for which planning permission is also required, the license must be in place prior to the granting of the planning permission.

****Listing on Annex II Habitats Directive:** Species listed under Annex II of the Habitats Directive require the designation of Special Areas of Conservation for their protection. A number of Special Areas of Conservation in Cork are designated for the protection of species which occur in this Annex. In accordance with the Habitats Directive, all plans and projects must be assessed prior to being authorised and undertaken, to determine the potential for these to give rise to adverse impacts on the qualifying features of these sites. The qualifying features of the site can include species listed in this Annex.

*****Listing on Annex IVa Habitats Directive:** Species listed on Annex IV of the Habitats Directive are strictly protected wherever they occur both inside and outside designated sites. Any person who deliberately captures or kills these species particularly during the period of breeding, rearing, hibernation and migration, or who deliberately takes or destroys eggs, or who damages or destroys a breeding site or resting place of such an animal (intentionally or unintentionally) shall be guilty of an offence, notwithstanding any consent for works or development given to a person by a public authority. A derogation license may be sought from the National Parks and Wildlife Service to allow work to proceed where it is known that it could cause injury to species on this list, or harm to their breeding sites or resting places, providing there is no satisfactory alternative, and provided the derogation is not detrimental to the maintenance of the population of the species at a favourable conservation status. Where a derogation license is required in relation to development for which planning permission is also required, the license must be in place prior to the granting of the planning permission.

******Listing on Annex V of the Habitats Directive:** Species listed under this Annex are those whose taking in the wild may be subject to management measures.

Table 9: Bird Species of Conservation Concern and Special Conservation Significance Occurring in Cork

Species	Birds of Conservation Concern	Listed on Annex I of Birds Directive	Sites which for which species marked with * in column A are listed as features of special conservation interest
Arctic Tern	✓	✓	
Balearic Shearwater			
Bar-tailed Godwit*	✓	✓	Ballycotton Bay SPA, Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA, Courtmacsherry Bay SPA
Black-headed Gull*	✓		Ballymacoda Bay SPA, Cork Harbour SPA, Courtmacsherry Bay SPA
Black-necked Grebe	✓		
Black-tailed Godwit*	✓		Ballycotton Bay SPA, Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA, Clonakilty Bay SPA, Blackwater Callows SPA, Courtmacsherry Bay SPA
Barn Owl	✓		
Bewick's Swan	✓	✓	
Black Guillemot	✓		
Brent Goose	✓		
Chough*	✓	✓	Beara Peninsula SPA, Sheep's Head to Toe Head SPA, Galley Head to Duneen Point SPA, Seven Heads SPA
Common Gull*	✓		Ballycotton Bay SPA, Ballymacoda Bay SPA, Cork Harbour SPA, Courtmacsherry Bay SPA
Common Scoter	✓		
Common Tern*	✓	✓	Cork Harbour SPA
Coot*	✓		The Gearagh SPA
Cormorant*	✓		Cork Harbour SPA, Sovereign Islands SPA
Curlew*	✓		Ballycotton Bay SPA, Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA, Clonakilty Bay SPA, Courtmacsherry Bay SPA
Cuckoo	✓		
Dunlin*	✓		Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA, Clonakilty Bay SPA, Courtmacsherry Bay SPA
Fulmar*			Beara Peninsula SPA
Gannet*	✓		The Bull and the Cow Rocks
Goldeneye	✓		
Golden Plover*	✓	✓	Ballycotton Bay SPA, Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA, Courtmacsherry Bay SPA
Grasshopper Warbler	✓		
Great Crested Grebe*	✓		Cork Harbour SPA,
Great Northern Diver*	✓	✓	Courtmacsherry Bay SPA
Greenland White-fronted Goose	✓	✓	
Grey Heron*			Cork Harbour SPA
Grey Plover*	✓		Ballycotton Bay SPA, Ballymacoda Bay SPA, Cork Harbour SPA
Guillemot*	✓		Old Head of Kinsale SPA
Hen Harrier*	✓	✓	Stacks to Mullaghareirks, Mount Eagle Bog and West Limerick Hills SPA and Mullaghanish to Musheramore SPA
Herring Gull			
Jack Snipe	✓		
Kingfisher	✓	✓	
Kittiwake*			Old Head of Kinsale SPA
Knot	✓		

Species	Birds of Conservation Concern	Listed on Annex I of Birds Directive	Sites which for which species marked with * in column A are listed as features of special conservation interest
Lapwing*	✓		Ballycotton Bay SPA, Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA, Courtmacsherry Bay SPA
Lesser Black-backed Gull*			Ballycotton Bay, Ballymacoda Bay SPA, Cork Harbour SPA
Little Egret	✓	✓	
Little Grebe*			Cork Harbour
Mallard*			The Gearagh SPA
Merlin	✓	✓	
Nightjar	✓	✓	
Oystercatcher*			Cork Harbour SPA
Peregrine Falcon*	✓	✓	Sheep's Head to Toe Head SPA
Pintail*	✓		Cork Harbour SPA
Pochard	✓		
Puffin*			The Bull and the Cow Rocks
Razorbill	✓		
Red Grouse	✓		
Redpoll	✓		
Redshank*	✓		Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA
Reed Warbler	✓		
Red-breasted Merganser*	✓		Cork Harbour SPA, Courtmacsherry Bay SPA
Red-throated Diver	✓	✓	
Ringed Plover*			Ballycotton Bay SPA, Ballymacoda Bay SPA,
Sanderling*			Ballymacoda Bay SPA
Sand Martin	✓		
Sandwich Tern	✓	✓	
Shag			
Shelduck*	✓		Cork Harbour SPA, Clonakilty Bay SPA, Courtmacsherry Bay SPA
Short-eared Owl	✓	✓	
Shoveler*			Cork Harbour SPA, Kilcolman Bog SPA
Skylark	✓		
Snipe	✓		
Sooty Shearwater	✓		
Spotted Flycatcher	✓		
Stock Dove	✓		
Stonechat	✓		
Storm Petrel*	✓	✓	Bull and the Cow Rocks SPA,
Swallow	✓		
Teal*	✓		Ballycotton Bay SPA, Ballymacoda Bay SPA, Cork Harbour SPA, Blackwater Callows SPA, Kilcolman Bog SPA, the Gearagh SPA
Tufted Duck	✓		
Turnstone*			Ballycotton Bay SPA, Ballymacoda Bay SPA
Water Rail	✓		
White-tailed Sea Eagle	✓		
Whooper Swan*	✓	✓	Blackwater Callows SPA, Kilcolman Bog SPA
Wigeon*	✓		Ballymacoda Bay SPA, Blackwater Estuary SPA, Cork Harbour SPA, Blackwater Callows SPA, the Gearagh SPA, Courtmacsherry Bay SPA
Woodcock	✓		
Yellowhammer	✓		

All wild bird, their nests and eggs are protected under the Wildlife Act (1976) and the Wildlife (Amendment) Act 2000. The following table lists the wild bird species that have been identified to be of particular conservation concern in Ireland, that occur in County Cork. These are rare, threatened or vulnerable species.

Species	Birds of Conservation Concern	Listed on Annex I of Birds Directive	Sites which for which species marked with * in column A are listed as features of special conservation interest
Species listed on Annex I of the Birds Directive are species for which Special Protection Areas must be established. *denotes species which are listed as features of special conservation interest for one or more SPA in Cork. Species highlighted in green are species which have been identified to be of special conservation significance in Cork (ref Cork County Biodiversity Action Plan).			

Table 10: Protected Plant Species Occurring in Cork

Species	Flora Protection Order*	Habitats Directive Annex II**	Habitats Directive Annex IVa***	Habitats Directive Annex V****
Flowering Plants				
Orange Foxtail	✓			
Starved Wood-sedge	✓			
Lesser Centaury	✓			
Slender Cottongrass	✓			
Small Cudweed	✓			
Meadow Barley	✓			
Irish St. John's Wort	✓			
Sea Pea	✓			
Mudwort	✓			
Hairy Bird's-foot-trefoil	✓			
Pennyroyal	✓			
Recurved Sandwort	✓			
Weasel's-snout	✓			
Tufted Salt-marsh Grass	✓			
Annual Knawel	✓			
Kerry Lily	✓			
Irish Lady's Tresses	✓			
Betony	✓			
Pale Dog-violet	✓			
Lanceolate Spleenwort	✓			
Fir Clubmoss				✓
Marsh Clubmoss	✓			✓
Killarney Fern	✓	✓	✓	
Bryophytes - mosses and liverworts				
<i>Orotichum pallens</i>	✓			
<i>Orthotrichum sprucei</i>	✓			
<i>Orotichum stramineum</i>	✓			
<i>Plagiochila atlantica</i>	✓			
<i>Tortula wilsonii</i>	✓			
Sphagnum mosses (22 spp)				✓

Species highlighted in green are species which have been identified to be of special conservation significance in Cork (ref Cork County Biodiversity Action Plan).

Flora Protection Order: Plants that are protected under the Flora Protection Order cannot be wilfully cut, picked, collected, uprooted or damaged nor can parts of the plants be removed.

Plants listed on Annex II of the Habitats Directive: Species listed under Annex II of the Habitats Directive require the designation of Special Areas of Conservation for their protection. There is plant species which is listed in Annex II of the Habitats Directive which occurs in Cork. This is the Killarney Fern. Four Special Areas

of Conservation in Cork are designated for the protection of this species. In accordance with the Habitats Directive, all plans and projects must be assessed prior to being authorised and undertaken, to determine the potential for these to give rise to adverse impacts on the qualifying features of these sites. The qualifying features of the site can include species listed in this Annex.

Plants listed on Annex IV of the Habitats Directive: Species listed under this Annex are those whose taking in the wild may be subject to management measures.

Table 11: Habitats of Special Conservation Importance in County Cork

Lakes and ponds
Dystrophic Lakes
Acid oligotrophic lakes
Mesotrophic lakes
Eutrophic lakes
Watercourses
Eroding upland rivers
Depositing lowland rivers
Swamps
Reed and large sedge swamps
Freshwater marsh
Marsh
Semi-natural woodlands
Oak-birch-holly woodland
Oak-ash-hazel woodland
Yew woodland
Wet pedunculate oak-ash woodland
Semi-natural grasslands
Lowland hay meadows
Dry calcareous grassland
Species-rich wet grassland
<i>Molinia</i> grassland
Heath
Montane heath

Peatland
Upland blanket bog
Cutover bog
Lowland blanket bog
Poor fen and flush
Transition mire
Exposed rock
Exposed calcareous rock
Coastal Habitats
Coastal soft cliffs
Lagoons and saline lakes
Sand dunes – Embryonic dunes, Marram dunes and Fixed dunes
Salt marsh – Lower salt marsh, Upper salt marsh
Marine Habitats
Rocky shores
Littoral sediments