

**Appendix 2b.** Bird species occurring regularly in the European Union that can fulfil Important Bird Area criteria (at the European Union level), and the numerical threshold(s) if applicable. Taxonomy and nomenclature follow Cramp *et al.* (1977–1994).

IBA criteria applicable at the global (A) and European (B) levels are shown in Appendix 2a.  
 For a full explanation of criteria see the introductory chapter 'Identifying IBAs'.  
 All population thresholds are given in individuals, unless followed by 'p' indicating pairs. To convert between individuals and pairs, a multiplying/dividing factor of 3 was used.  
 n/a = not applicable.

Annex I number	Species		Species of global conservation concern (C1)	Concentrations of species threatened <sup>a</sup> at the EU level (C2)	Congregations of migratory species not threatened <sup>a</sup> at the EU level (C3)	Congregatory – large congregations of 20,000 waterbirds or 10,000 pairs of seabirds (C4)	Congregatory – Bottleneck site for storks/raptors/cranes (C5)	'Top 5' sites in NUTS <sup>1</sup> region for species threatened <sup>a</sup> at EU level (C6)	Notes
1	<i>Gavia stellata</i>	Red-throated Diver	—	35p	—	W	—	★	
2	<i>Gavia arctica</i>	Black-throated Diver	—	✓	—	W	—	★	
3	<i>Gavia immer</i>	Great Northern Diver	—	160p	—	W	—	★	
	<i>Tachybaptus ruficollis</i>	Little Grebe	—	—	✓	W	—	—	
	<i>Podiceps cristatus</i>	Great Crested Grebe	—	—	✓	W	—	—	
	<i>Podiceps grisegena</i>	Red-necked Grebe	—	—	✓	W	—	—	
4	<i>Podiceps auritus</i>	Slavonian Grebe	—	60p	—	W	—	★	
	<i>Podiceps nigricollis</i>	Black-necked Grebe	—	—	1,000	W	—	—	
	<i>Fulmarus glacialis</i>	Fulmar	—	—	✓	S	—	—	
6	<i>Pterodroma feae</i>	Fea's Petrel	✓	n/a	—	S	—	★	
5	<i>Pterodroma madeira</i>	Zino's Petrel	✓	n/a	—	S	—	★	
7	<i>Bulweria bulwerii</i>	Bulwer's Petrel	—	✓	—	S	—	★	
8	<i>Calonectris diomedea</i>	Cory's Shearwater	—	✓	—	S	—	★	
	<i>Puffinus puffinus</i>	Manx Shearwater	—	—	✓	S	—	—	
9	<i>Puffinus yelkouan</i>	Yelkouan Shearwater	—	30p*	✓	S	—	★	*P. y. mauretanicus
10	<i>Puffinus assimilis</i>	Little Shearwater	—	✓	—	S	—	★	
11	<i>Pelagodroma marina</i>	White-faced Petrel	—	✓	—	S	—	★	
12	<i>Hydrobates pelagicus</i>	Storm Petrel	—	1,600p*	—	S	—	★	*Italy, Greece 35p
13	<i>Oceanodroma leucorhoa</i>	Leach's Petrel	—	600p	—	S	—	★	
14	<i>Oceanodroma castro</i>	Madeiran Petrel	—	✓	—	S	—	★	
	<i>Sula bassana</i>	Gannet	—	—	✓	S	—	—	
	<i>Phalacrocorax carbo sinensis</i>	Cormorant	—	—	✓	W	—	—	
	<i>Phalacrocorax aristotelis aristotelis</i>	Shag	—	—	—	W	—	—	
15	<i>Phalacrocorax aristotelis desmarestii</i>	Shag	—	30p	—	W	—	★	
16	<i>Phalacrocorax pygmeus</i>	Pygmy Cormorant	✓	n/a	—	W	—	★	
17	<i>Pelecanus onocrotalus</i>	White Pelican	—	✓	—	W	—	★	
18	<i>Pelecanus crispus</i>	Dalmatian Pelican	✓	✓	—	W	—	★	
19	<i>Botaurus stellaris</i>	Bittern	—	15p	—	W	—	★	
20	<i>Ixobrychus minutus</i>	Little Bittern	—	55p	—	W	—	★	
21	<i>Nycticorax nycticorax</i>	Night Heron	—	270p	—	W	—	★	
22	<i>Ardeola ralloides</i>	Squacco Heron	—	15p	—	W	—	★	
	<i>Bubulcus ibis</i>	Cattle Egret	—	—	✓	W	—	—	
23	<i>Egretta garzetta</i>	Little Egret	—	✓	—	W	—	★	
24	<i>Egretta alba</i>	Great White Egret	—	✓	—	W	—	★	
25	<i>Ardea purpurea</i>	Purple Heron	—	50p	—	W	—	★	
26	<i>Ciconia nigra</i>	Black Stork	—	✓	—	W	✓	★	
27	<i>Ciconia ciconia</i>	White Stork	—	✓	—	W	✓	★	
28	<i>Plegadis falcinellus</i>	Glossy Ibis	—	n/a	—	W	—	★	
29	<i>Platalea leucorodia</i>	Spoonbill	—	✓	—	W	—	★	
30	<i>Phoenicopterus ruber</i>	Greater Flamingo	—	220p	—	W	—	★	
	<i>Cygnus olor</i>	Mute Swan	—	—	✓	W	—	—	Western European birds sedentary
31	<i>Cygnus columbianus</i>	Bewick's Swan	—	✓	—	W	—	★	
32	<i>Cygnus cygnus</i>	Whooper Swan	—	20p	—	W	—	★	
	<i>Anser fabalis</i>	Bean Goose	—	—	✓	W	—	—	
	<i>Anser brachyrhynchus</i>	Pink-footed Goose	—	—	✓	W	—	—	
33	<i>Anser albifrons flavirostris</i>	White-fronted Goose	—	✓	—	W	—	★	
	<i>Anser albifrons albifrons</i>	White-fronted Goose	—	—	✓	W	—	—	
34	<i>Anser erythropus</i>	Lesser White-fronted Goose	✓	✓	—	W	—	★	
	<i>Anser anser</i>	Greylag Goose	—	—	✓	W	—	—	
35	<i>Branta leucopsis</i>	Barnacle Goose	—	12p	—	W	—	★	
	<i>Branta bernicla</i>	Brent Goose	—	—	✓	W	—	—	
36	<i>Branta ruficollis</i>	Red-breasted Goose	✓	✓	—	W	—	★	
37	<i>Tadorna ferruginea</i>	Ruddy Shelduck	—	✓	—	W	—	★	
	<i>Tadorna tadorna</i>	Shelduck	—	—	✓	W	—	—	
	<i>Anas penelope</i>	Wigeon	—	—	✓	W	—	—	
	<i>Anas strepera</i>	Gadwall	—	—	✓	W	—	—	
	<i>Anas crecca</i>	Teal	—	—	✓	W	—	—	

Important Bird Areas in Europe – Appendix 2b

**Appendix 2b ... continued.** Bird species occurring regularly in the European Union that can fulfil Important Bird Area criteria (at the European Union level), and the numerical threshold(s) if applicable. Taxonomy and nomenclature follow Cramp *et al.* (1977–1994).

Annex I number	Species		Species of global conservation concern (C1)	Concentrations of species threatened <sup>1</sup> at the EU level (C2)	Congregations of migratory species not threatened <sup>2</sup> at the EU level (C3)	Congregatory – large congregations 20,000 waterbirds or 10,000 pairs of seabirds (C4)	Congregatory – Bottleneck site for storks/raptors/cranes (C5)	Top 5 sites in NUTS <sup>1</sup> region for species threatened <sup>4</sup> at EU level (C6)	Notes
	<i>Anas platyrhynchos</i>	Mallard	—	—	✓	W	—	—	
	<i>Anas acuta</i>	Pintail	—	—	✓	W	—	—	
	<i>Anas querquedula</i>	Garganey	—	—	✓	W	—	—	
	<i>Anas clypeata</i>	Shoveler	—	—	✓	W	—	—	
38	<i>Marmaronetta angustirostris</i>	Marbled Duck	✓	✓	—	W	—	★	
	<i>Netta rufina</i>	Red-crested Pochard	—	—	✓	W	—	—	
	<i>Aythya ferina</i>	Pochard	—	—	✓	W	—	—	
39	<i>Aythya nyroca</i>	Ferruginous Duck	✓	✓	—	W	—	★	
	<i>Aythya fuligula</i>	Tufted Duck	—	—	✓	W	—	—	
	<i>Aythya marila</i>	Scaup	—	—	✓	W	—	—	
	<i>Somateria mollissima</i>	Eider	—	—	✓	W	—	—	
	<i>Polysticta stelleri</i>	Steller's Eider	✓	—	✓	W	—	—	
	<i>Clangula hyemalis</i>	Long-tailed Duck	—	—	✓	W	—	—	
	<i>Melanitta nigra</i>	Common Scoter	—	—	✓	W	—	—	
	<i>Melanitta fusca</i>	Velvet Scoter	—	—	✓	W	—	—	
	<i>Bucephala clangula</i>	Goldeneye	—	—	✓	W	—	—	
40	<i>Mergus albellus</i>	Smew	—	16p	—	W	—	★	
	<i>Mergus serrator</i>	Red-breasted Merganser	—	—	✓	W	—	—	
	<i>Mergus merganser</i>	Goosander	—	—	✓	W	—	—	
41	<i>Oxyura leucocephala</i>	White-headed Duck	✓	✓	—	W	—	★	
42	<i>Pernis apivorus</i>	Honey Buzzard	—	—	—	—	✓	★	
43	<i>Elanus caeruleus</i>	Black-winged Kite	—	✓	—	—	— <sup>3</sup>	★	
44	<i>Milvus migrans</i>	Black Kite	—	✓	—	—	✓	★	
45	<i>Milvus milvus</i>	Red Kite	—	✓	—	—	✓	★	
46	<i>Haliaeetus albicilla</i>	White-tailed Eagle	✓	—	—	—	✓	★	
47	<i>Gypaetus barbatus</i>	Lammergeier	—	—	—	—	— <sup>3</sup>	★	
48	<i>Neophron percnopterus</i>	Egyptian Vulture	—	✓	—	—	✓	★	
49	<i>Gyps fulvus</i>	Griffon Vulture	—	✓	—	—	✓	★	
50	<i>Aegypius monachus</i>	Cinereous Vulture	✓	✓	—	—	— <sup>3</sup>	★	
51	<i>Circus gallicus</i>	Short-toed Eagle	—	—	—	—	✓	★	
52	<i>Circus aeruginosus</i>	Marsh Harrier	—	—	—	—	✓	★	
53	<i>Circus cyaneus</i>	Hen Harrier	—	—	—	—	✓	★	
54	<i>Circus macrourus</i>	Pallid Harrier	—	—	—	—	✓	★	Rare in EU
55	<i>Circus pygargus</i>	Montagu's Harrier	—	—	—	—	✓	★	
56	<i>Accipiter gentilis arrigonii</i>	Goshawk	—	—	—	—	— <sup>3</sup>	★	
57	<i>Accipiter nisus granti</i>	Sparrowhawk	—	—	—	—	✓	★	
58	<i>Accipiter brevipes</i>	Levant Sparrowhawk	—	—	—	—	✓	★	
	<i>Buteo buteo</i>	Buzzard	—	—	—	—	✓	—	
59	<i>Buteo rufinus</i>	Long-legged Buzzard	—	—	—	—	— <sup>3</sup>	★	
	<i>Buteo lagopus</i>	Rough-legged Buzzard	—	—	—	—	✓	—	
60	<i>Aquila pomarina</i>	Lesser Spotted Eagle	—	—	—	—	✓	★	
	<i>Aquila nipalensis</i>	Steppe Eagle	—	—	—	—	✓	—	
61	<i>Aquila clanga</i>	Greater Spotted Eagle	—	—	—	—	✓	★	Rare in EU
62	<i>Aquila heliaca</i>	Imperial Eagle	✓	—	—	—	✓	★	
63	<i>Aquila adalberti</i>	Spanish Imperial Eagle	✓	—	—	—	— <sup>3</sup>	★	
64	<i>Aquila chrysaetos</i>	Golden Eagle	—	—	—	—	— <sup>3</sup>	★	
65	<i>Hieraetus pennatus</i>	Booted Eagle	—	✓	—	—	✓	★	
66	<i>Hieraetus fasciatus</i>	Bonnelli's Eagle	—	✓	—	—	— <sup>3</sup>	★	
67	<i>Pandion haliaetus</i>	Osprey	—	—	—	—	✓	★	
68	<i>Falco naumanni</i>	Lesser Kestrel	✓	✓	—	—	✓	★	
	<i>Falco tinnunculus</i>	Kestrel	—	—	—	—	✓	—	
	<i>Falco vespertinus</i>	Red-footed Falcon	—	—	✓	—	✓	—	
69	<i>Falco columbarius</i>	Merlin	—	—	—	—	✓	★	
	<i>Falco subbuteo</i>	Hobby	—	—	—	—	✓	—	
70	<i>Falco eleonorae</i>	Eleonora's Falcon	—	✓	—	—	✓	★	
71	<i>Falco biarmicus</i>	Lanner	—	—	—	—	— <sup>3</sup>	★	
72	<i>Falco rusticolus</i>	Gyr Falcon	—	—	—	—	— <sup>3</sup>	★	

## Important Bird Areas in Europe – Appendix 2b

**Appendix 2b ... continued.** Bird species occurring regularly in the European Union that can fulfil Important Bird Area criteria (at the European Union level), and the numerical threshold(s) if applicable. Taxonomy and nomenclature follow Cramp *et al.* (1977–1994).

Annex I number	Species		Species of global conservation concern (C1)	Concentrations of species threatened <sup>2</sup> at the EU level (C2)	Congregations of migratory species not threatened <sup>2</sup> at the EU level (C3)	Congregatory – large congregations 20,000 waterbirds or 10,000 pairs of seabirds (C4)	Congregatory – Bottleneck site for storks/raptors/cranes (C5)	Top 5 sites in NUTS <sup>1</sup> region for species threatened <sup>2</sup> at EU level (C6)	Notes
73	<i>Falco peregrinus</i>	Peregrine	—	—	—	—	✓	★	
74	<i>Bonasa bonasia</i>	Hazel Grouse	—	—	—	—	—	★	
76	<i>Lagopus mutus helveticus</i>	Ptarmigan	—	—	—	—	—	★	
75	<i>Lagopus mutus pyrenaicus</i>	Ptarmigan	—	—	—	—	—	★	
77	<i>Tetrao tetrix tetrix</i>	Black Grouse	—	—	—	—	—	★	Continental only
78	<i>Tetrao urogallus</i>	Capercaillie	—	—	—	—	—	★	
79	<i>Alectoris graeca saxatilis</i>	Rock Partridge	—	—	—	—	—	★	
80	<i>Alectoris graeca whitakeri</i>	Rock Partridge	—	—	—	—	—	★	
81	<i>Alectoris barbara</i>	Barbary Partridge	—	—	—	—	—	★	
82	<i>Perdix perdix italica</i>	Partridge	—	—	—	—	—	★	
83	<i>Perdix perdix hispaniensis</i>	Partridge	—	—	—	—	—	★	
90	<i>Turnix sylvatica</i>	Andalusian Hemipode	—	—	—	—	—	★	
84	<i>Porzana porzana</i>	Spotted Crake	—	100p	—	W	—	★	
85	<i>Porzana parva</i>	Little Crake	—	55p	—	W	—	★	
86	<i>Porzana pusilla</i>	Baillon's Crake	—	40p	—	W	—	★	
87	<i>Crex crex</i>	Corncrake	✓	45p	—	W	—	★	
88	<i>Porphyrio porphyrio</i>	Purple Gallinule	—	35p	—	W	—	★	
	<i>Fulica atra</i>	Coot	—	—	✓	W	—	—	
89	<i>Fulica cristata</i>	Crested Coot	—	✓	—	W	—	★	
91	<i>Grus grus</i>	Crane	—	✓	—	W	✓	★	
92	<i>Tetrax tetrax</i>	Little Bustard	✓	—	—	—	—	★	
93	<i>Chlamydotis undulata</i>	Houbara Bustard	—	—	—	—	—	★	
94	<i>Otis tarda</i>	Great Bustard	✓	—	—	—	—	★	
	<i>Haematopus ostralegus</i>	Oystercatcher	—	—	✓	W	—	—	
95	<i>Himantopus himantopus</i>	Black-winged Stilt	—	✓	—	W	—	★	
96	<i>Recurvirostra avosetta</i>	Avocet	—	✓	—	W	—	★	
97	<i>Burhinus oedicephalus</i>	Stone Curlew	—	✓	—	W	—	★	
98	<i>Cursorius cursor</i>	Cream-coloured Courser	—	✓	—	W	—	★	
99	<i>Glareola pratincola</i>	Collared Pratincole	—	✓	—	W	—	★	
	<i>Charadrius dubius</i>	Little Ringed Plover	—	—	✓	W	—	—	
	<i>Charadrius hiaticula</i>	Ringed Plover	—	—	✓	W	—	—	
	<i>Charadrius alexandrinus</i>	Kentish Plover	—	—	✓	W	—	—	
100	<i>Charadrius morinellus</i>	Dotterel	—	✓	—	W	—	★	
101	<i>Pluvialis apricaria</i>	Golden Plover	—	✓	—	W	—	★	
	<i>Pluvialis squatarola</i>	Grey Plover	—	—	✓	W	—	—	
102	<i>Hoplopterus spinosus</i>	Spur-winged Plover	—	✓	—	W	—	★	
	<i>Vanellus vanellus</i>	Lapwing	—	—	✓	W	—	—	
	<i>Calidris canutus</i>	Knot	—	—	✓	W	—	—	
	<i>Calidris alba</i>	Sanderling	—	—	✓	W	—	—	
	<i>Calidris minuta</i>	Little Stint	—	—	✓	W	—	—	
	<i>Calidris temminckii</i>	Temminck's Stint	—	—	✓	W	—	—	
	<i>Calidris ferruginea</i>	Curlew Sandpiper	—	—	✓	W	—	—	
	<i>Calidris maritima</i>	Purple Sandpiper	—	—	✓	W	—	—	
	<i>Calidris alpina</i>	Dunlin	—	—	✓	W	—	—	
	<i>Limicola falcinellus</i>	Broad-billed Sandpiper	—	—	✓	W	—	—	
103	<i>Philomachus pugnax</i>	Ruff	—	✓	—	W	—	★	
	<i>Gallinago gallinago</i>	Snipe	—	—	✓	W	—	—	
104	<i>Gallinago media</i>	Great Snipe	✓	15p	—	W	—	★	
	<i>Limosa limosa</i>	Black-tailed Godwit	—	—	✓	W	—	—	
105	<i>Limosa lapponica</i>	Bar-tailed Godwit	—	✓	—	W	—	★	
	<i>Numenius phaeopus</i>	Whimbrel	—	—	✓	W	—	—	
106	<i>Numenius tenuirostris</i>	Slender-billed Curlew	✓	—	—	W	—	★	
	<i>Numenius arquata</i>	Curlew	—	—	✓	W	—	—	
	<i>Tringa erythropus</i>	Spotted Redshank	—	—	✓	W	—	—	
	<i>Tringa totanus</i>	Redshank	—	—	✓	W	—	—	
	<i>Tringa stagnatilis</i>	Marsh Sandpiper	—	—	✓	W	—	—	
	<i>Tringa nebularia</i>	Greenshank	—	—	✓	W	—	—	

## Important Bird Areas in Europe – Appendix 2b

**Appendix 2b ... continued.** Bird species occurring regularly in the European Union that can fulfil Important Bird Area criteria (at the European Union level), and the numerical threshold(s) if applicable. Taxonomy and nomenclature follow Cramp *et al.* (1977–1994).

Annex I number	Species		Species of global conservation concern (C1)	Concentrations of species threatened* at the EU level (C2)	Congregations of migratory species not threatened* at the EU level (C3)	Congregatory – large congregations 20,000 waterbirds or 10,000 pairs of seabirds (C4)	Congregatory – Bottleneck site for storks/raptors/cranes (C5)	*Top 5 sites in NUTS <sup>1</sup> region for species threatened* at EU level (C6)	Notes
	<i>Tringa ochropus</i>	Green Sandpiper	—	—	✓	W	—	—	
107	<i>Tringa glareola</i>	Wood Sandpiper	—	✓	—	W	—	★	
108	<i>Xenus cinereus</i>	Terek Sandpiper	—	✓	—	W	—	★	
	<i>Actitis hypoleucos</i>	Common Sandpiper	—	—	✓	W	—	—	
	<i>Arenaria interpres</i>	Turnstone	—	—	✓	W	—	—	
109	<i>Phalaropus lobatus</i>	Red-necked Phalarope	—	—	—	W	—	★	
	<i>Stercorarius pomarinus</i>	Pomarine Skua	—	—	—	S	—	—	
	<i>Stercorarius parasiticus</i>	Arctic Skua	—	—	✓	S	—	—	
	<i>Stercorarius longicaudus</i>	Long-tailed Skua	—	—	✓	S	—	—	
	<i>Stercorarius skua</i>	Great Skua	—	—	✓	S	—	—	
110	<i>Larus melanocephalus</i>	Mediterranean Gull	—	45p	—	W	—	★	
	<i>Larus minutus</i>	Little Gull	—	—	✓	W	—	—	
	<i>Larus sabini</i>	Sabine's Gull	—	—	—	W	—	—	
	<i>Larus ridibundus</i>	Black-headed Gull	—	—	✓	W	—	—	
111	<i>Larus genei</i>	Slender-billed Gull	—	20p	—	W	—	★	
112	<i>Larus audouinii</i>	Audouin's Gull	✓	✓	—	W	—	★	
	<i>Larus canus</i>	Common Gull	—	—	✓	W	—	—	
	<i>Larus fuscus</i>	Lesser Black-backed Gull	—	—	✓	W	—	—	
	<i>Larus cachinnans</i>	Yellow-legged Gull	—	—	✓	W	—	—	
	<i>Larus glaucoides</i>	Iceland Gull	—	—	✓	W	—	—	
	<i>Larus hyperboreus</i>	Glaucous Gull	—	—	✓	W	—	—	
	<i>Larus marinus</i>	Great Black-backed Gull	—	—	✓	W	—	—	
	<i>Rissa tridactyla</i>	Kittiwake	—	—	✓	W	—	—	
113	<i>Gelochelidon nilotica</i>	Gull-billed Tern	—	25p*	—	W	—	★	*Greece 50p (B1i)
114	<i>Sterna caspia</i>	Caspian Tern	—	✓	—	W	—	★	
115	<i>Sterna sandvicensis</i>	Sandwich Tern	—	✓*	—	W	—	★	*Greece 20p
116	<i>Sterna dougallii</i>	Roseate Tern	—	✓	—	W	—	★	
117	<i>Sterna hirundo</i>	Common Tern	—	✓*	—	W	—	★	*Sweden, Finland 650p
118	<i>Sterna paradisaea</i>	Arctic Tern	—	1,200p	—	W	—	★	
119	<i>Sterna albifrons</i>	Little Tern	—	✓*	—	W	—	★	*Greece 15p
120	<i>Chlidonias hybridus</i>	Whiskered Tern	—	✓*	—	W	—	★	*Greece 250p (B1i)
121	<i>Chlidonias niger</i>	Black Tern	—	40p	—	W	—	★	
	<i>Chlidonias leucopterus</i>	White-winged Black Tern	—	—	✓	W	—	—	
	<i>Uria aalge</i>	Guillemot	—	—	✓	S	—	—	
122	<i>Uria aalge ibericus</i>	Guillemot	—	n/a	—	S	—	★	
	<i>Alca torda</i>	Razorbill	—	—	✓	S	—	—	
	<i>Fratercula arctica</i>	Puffin	—	—	—	S	—	—	
123	<i>Pterocles orientalis</i>	Black-bellied Sandgrouse	—	—	—	—	—	★	
124	<i>Pterocles alchata</i>	Pin-tailed Sandgrouse	—	—	—	—	—	★	
125	<i>Columba palumbus azorica</i>	Woodpigeon	—	—	—	—	—	★	
126	<i>Columba trocaz</i>	Long-toed Pigeon	✓	—	—	—	—	★	
127	<i>Columba bollii</i>	Dark-tailed Laurel Pigeon	✓	—	—	—	—	★	
128	<i>Columba junoniae</i>	White-tailed Laurel Pigeon	✓	—	—	—	—	★	
129	<i>Bubo bubo</i>	Eagle Owl	—	—	—	—	—	★	
130	<i>Nyctea scandiaca</i>	Snowy Owl	—	—	—	—	—	★	
131	<i>Surnia ulula</i>	Hawk Owl	—	—	—	—	—	★	
132	<i>Glaucidium passerinum</i>	Pygmy Owl	—	—	—	—	—	★	
133	<i>Strix uralensis</i>	Ural Owl	—	—	—	—	—	★	
134	<i>Strix nebulosa</i>	Great Grey Owl	—	—	—	—	—	★	
135	<i>Asio flammeus</i>	Short-eared Owl	—	—	—	—	—	★	
136	<i>Aegolius funereus</i>	Tengmalm's Owl	—	—	—	—	—	★	
137	<i>Caprimulgus europaeus</i>	Nightjar	—	—	—	—	—	★	
138	<i>Apus caffer</i>	White-rumped Swift	—	—	—	—	—	★	
139	<i>Alcedo atthis</i>	Kingfisher	—	—	—	—	—	★	
	<i>Merops apiaster</i>	Bee-eater	—	—	✓	—	—	—	

**Appendix 2b ... continued.** Bird species occurring regularly in the European Union that can fulfil Important Bird Area criteria (at the European Union level), and the numerical threshold(s) if applicable. Taxonomy and nomenclature follow Cramp *et al.* (1977–1994).

Annex I number	Species		Species of global conservation concern (C1)	Concentrations of species threatened* at the EU level (C2)	Congregations of migratory species not threatened* at the EU level (C3)	Congregatory – large congregations 20,000 waterbirds or 10,000 pairs of seabirds (C4)	Congregatory – Bottleneck site for storks/raptors/cranes (C5)	'Top 5' sites in NUTS <sup>1</sup> region for species threatened* at EU level (C6)	Notes
140	<i>Coracias garrulus</i>	Roller	—	—	—	—	—	★	
141	<i>Picus canus</i>	Grey-headed Woodpecker	—	—	—	—	—	★	
142	<i>Dryocopus martius</i>	Black Woodpecker	—	—	—	—	—	★	
143,144	<i>Dendrocopos major</i>	Great Spotted Woodpecker	—	—	—	—	—	★	<i>D.m. canariensis, D.m. thanneri</i>
145	<i>Dendrocopos syriacus</i>	Syrian Woodpecker	—	—	—	—	—	★	
146	<i>Dendrocopos medius</i>	Middle Spotted Woodpecker	—	—	—	—	—	★	
147	<i>Dendrocopos leucotos</i>	White-backed Woodpecker	—	—	—	—	—	★	
148	<i>Picoides tridactylus</i>	Three-toed Woodpecker	—	—	—	—	—	★	
149	<i>Chersophilus duponti</i>	Dupont's Lark	—	—	—	—	—	★	
150	<i>Melanocorypha calandra</i>	Calandra Lark	—	—	—	—	—	★	
151	<i>Calandrella brachydactyla</i>	Short-toed Lark	—	—	—	—	—	★	
152	<i>Galerida theklae</i>	Thekla Lark	—	—	—	—	—	★	
153	<i>Lullula arborea</i>	Woodlark	—	—	—	—	—	★	
154	<i>Anthus campestris</i>	Tawny Pipit	—	—	—	—	—	★	
155	<i>Troglodytes troglodytes fridanensis</i>	Wren	—	—	—	—	—	★	
156	<i>Luscinia svecica</i>	Bluethroat	—	—	—	—	—	★	
157	<i>Saxicola dacotiae</i>	Fuerteventura Chat	✓	—	—	—	—	★	
158	<i>Oenanthe leucura</i>	Black Wheatear	—	—	—	—	—	★	
159	<i>Acrocephalus melanopogon</i>	Moustached Warbler	—	—	—	—	—	★	
160	<i>Acrocephalus paludicola</i>	Aquatic Warbler	✓	—	—	—	—	★	
161	<i>Hippolais olivetorum</i>	Olive-tree Warbler	—	—	—	—	—	★	
162	<i>Sylvia sarda</i>	Marmora's Warbler	—	—	—	—	—	★	
163	<i>Sylvia undata</i>	Dartford Warbler	—	—	—	—	—	★	
164	<i>Sylvia rueppelli</i>	Rüppell's Warbler	—	—	—	—	—	★	
165	<i>Sylvia nisoria</i>	Barred Warbler	—	—	—	—	—	★	
166	<i>Ficedula parva</i>	Red-breasted Flycatcher	—	—	—	—	—	★	
167	<i>Ficedula semitorquata</i>	Semi-collared Flycatcher	—	—	—	—	—	★	
168	<i>Ficedula albicollis</i>	Collared Flycatcher	—	—	—	—	—	★	
169	<i>Sitta krueperi</i>	Krüper's Nuthatch	—	—	—	—	—	★	
170	<i>Sitta whiteheadi</i>	Corsican Nuthatch	✓	—	—	—	—	★	
171	<i>Lanius collurio</i>	Red-backed Shrike	—	—	—	—	—	★	
172	<i>Lanius minor</i>	Lesser Grey Shrike	—	—	—	—	—	★	
173	<i>Pyrrhonorax pyrrhonorax</i>	Chough	—	—	—	—	—	★	
174	<i>Fringilla coelebs ombriosa</i>	Chaffinch	—	—	—	—	—	★	
175	<i>Fringilla teydea</i>	Blue Chaffinch	✓	—	—	—	—	★	
176	<i>Loxia scotica</i>	Scottish Crossbill	✓	—	—	—	—	★	
177	<i>Bucanetes githagineus</i>	Trumpeter Finch	—	—	—	—	—	★	
178	<i>Pyrrhula murina</i>	Azores Bullfinch	[not assessed]	—	—	—	—	★	
179	<i>Emberiza cineracea</i>	Cinereous Bunting	✓	—	—	—	—	★	
180	<i>Emberiza hortulana</i>	Ortolan Bunting	—	—	—	—	—	★	
181	<i>Emberiza caesia</i>	Cretzschmar's Bunting	—	—	—	—	—	★	

1. NUTS — Nomenclature des Unités Territoriales Statistiques — the administrative regions of the European Union are called NUTS regions, and are designated by the EC Statistical Office.

2. 'Threatened' as listed on Annex I of the EC Birds Directive

3. Non-migratory raptor

✓ given for IBA criteria C1 indicates that the population threshold applied is the same as that given for A1 (see Appendix 2a).

✓ given for IBA criteria C2 indicates that the population threshold applied is the same as that given for B1i, B1ii or B1iii (see Appendix 2a).

C2 has also been applied to some more dispersed species on the basis that the site holds more than 1% of the EU population of the species. Thresholds are not given but are based on population data in the BirdLife International/European Bird Census Council European Bird Database, accessed in 1998.

✓ given for IBA criteria C3 indicates that the population threshold applied is the same as that given for B1i or B1ii (see Appendix 2a).

For criterion C4 'S' indicates the species is classed as a 'seabird' and thus the collective threshold of 10,000 pairs of seabirds may apply, and 'W' indicates the species is considered a 'waterbird' following the definition of Rose and Scott (1997) (see p. 15, 'Identifying IBAs' chapter) and the collective threshold of 20,000 individuals may apply.

✓ given for IBA criteria C5 indicates that the population threshold applied is the same as that given for A4iv (see Appendix 2a).

★ given for IBA criteria C6 indicates that the taxa is one of the 181 species or subspecies listed on Annex I of the EC Birds Directive.

Subspecies listed on Annex I of the EC Birds Directive (Commission Directive 97/49/EEC, OJL223 13.8.97)

**Subspecies**

- Puffinus yelkouan mauritanicus*
- Phalacrocorax aristotelis desmarestii*
- Anser albifrons flavirostris*
- Accipiter gentilis arigonii*
- Accipiter nisus granti*
- Lagopus mutus pyrenaicus*
- Lagopus mutus helveticus*
- Alectoris graeca saxatilis*
- Alectoris graeca whitakeri*
- Perdix perdix italica*
- Perdix perdix hispaniensis*
- Uria aalge ibericus*
- Columba palumbus azorica*
- Dendrocopos major canariensis*
- Dendrocopos major thanneri*
- Troglodytes troglodytes fridanensis*
- Fringilla coelebs ombriosa*

**Breeding distribution**

- Balearic islands
- Mediterranean
- West Greenland
- Corsica and Sardinia
- Madeira and Canary Islands
- Pyrenees
- Alps
- Alps
- Sicily
- Italy
- Pyrenees and northern Spain
- Atlantic coast of Spain and Portugal
- Azores
- Tenerife (Canary Islands)
- Gran Canaria (Canary Islands)
- Fair Isle
- Hierro (Canary Islands)