

Id	Family	English Name	Latin Name	Areas from where birds come			J	F
				Siberia Scandinavia	Continental Europe	Sub-Saharan Africa		
1	GAVIIDAE	Red-throated Diver (Red-throated loon)	<i>Gavia stellata</i>	1			1	1
2	GAVIIDAE	Black-throated Diver (Arctic loon)	<i>Gavia arctica</i>	1			1	1
3	GAVIIDAE	Great Northern Diver (Common loon)	<i>Gavia immer</i>	1			1	1
4	PODICIPEDIDAE	Little Grebe	<i>Tachybaptus ruficollis</i>		1		1	1
5	PODICIPEDIDAE	Great crested Grebe	<i>Podiceps cristatus</i>		1		1	1
6	PODICIPEDIDAE	Red-necked Grebe	<i>Podiceps grisegena</i>	1			1	1
7	PODICIPEDIDAE	Slavonian Grebe	<i>Podiceps auritus</i>	1			1	1
8	PODICIPEDIDAE	Black-necked Grebe	<i>Podiceps nigricollis</i>		1		1	1
9	PROCELLARIIDAE	Cory's Shearwater	<i>Calonectris diomedea</i>				0	0
10	PROCELLARIIDAE	Yelkouan Shearwater	<i>Puffinus yelkouan</i>				1	1
11	HYDROBATIDAE	Storm Petrel	<i>Hydrobates pelagicus</i>				1	1
12	SULIDAE	Gannet	<i>Morus bassanus</i>				1	1
13	PHALACROCORACIDAE	Cormorant	<i>Phalacrocorax carbo</i>		1		1	1
14	ARDEIDAE	Bittern	<i>Botaurus stellaris</i>		1		1	1
15	ARDEIDAE	Little Bittern	<i>Ixobrychus minutus</i>		1	1	0	0
16	ARDEIDAE	Night Heron	<i>Nycticorax nycticorax</i>			1	1	1
17	ARDEIDAE	Squacco heron	<i>Ardeola ralloides</i>			1	0	0
18	ARDEIDAE	Cattle Egret	<i>Bubulcus ibis</i>				1	1
19	ARDEIDAE	Little Egret	<i>Egretta garzetta</i>				1	1
20	ARDEIDAE	Great White Egret	<i>Egretta alba</i>		1		1	1
21	ARDEIDAE	Grey Heron	<i>Ardea cinerea</i>				1	1
22	ARDEIDAE	Purple Heron	<i>Ardea purpurea</i>			1	0	0
23	CICONIIDAE	Black Stork	<i>Ciconia nigra</i>		1	1	1	1
24	CICONIIDAE	White Stork	<i>Ciconia ciconia</i>		1	1	1	1
25	THRESKIORNITHIDAE	Glossy Ibis	<i>Plegadis falcinellus</i>				1	1
26	THRESKIORNITHIDAE	Sacred Ibis	<i>Threskiornis aethiopicus</i>				1	1
27	THRESKIORNITHIDAE	Spoonbill	<i>Platalea leucorodia</i>		1		1	1
28	PHCENICOPTERIDAE	Greater Flamingo	<i>Phoenicopterus ruber</i>			1	1	1
29	ANATIDAE	Mute Swan	<i>Cygnus olor</i>				1	1
30	ANATIDAE	Bewick's Swan	<i>Cygnus columbianus</i>	1			1	1
31	ANATIDAE	Bean Goose	<i>Anser fabalis</i>	1			1	1
32	ANATIDAE	Greylag Goose	<i>Anser anser</i>		1		1	1

33	ANATIDAE	Common Shelduck	<i>Tadorna tadorna</i>		1		1	1
34	ANATIDAE	Eurasian Wigeon	<i>Anas penelope</i>	1			1	1
35	ANATIDAE	Gadwall	<i>Anas strepera</i>		1		1	1
36	ANATIDAE	Common Teal (Green-winged Teal)	<i>Anas crecca</i>	1			1	1
37	ANATIDAE	Mallard	<i>Anas platyrhynchos</i>		1		1	1
38	ANATIDAE	Pintail (Northern Pintail)	<i>Anas acuta</i>	1		1	1	1
39	ANATIDAE	Garganey	<i>Anas querquedula</i>	1	1	1	0	1
40	ANATIDAE	Shoveler (Northern Shoveler)	<i>Anas clypeata</i>		1	1	1	1
41	ANATIDAE	Red-Crested Pochard	<i>Netta rufina</i>		1		1	1
42	ANATIDAE	Common Pochard	<i>Aythya ferina</i>	1			1	1
43	ANATIDAE	Ferruginous Duck	<i>Aythya nyroca</i>		1		1	1
44	ANATIDAE	Tufted Duck	<i>Aythya fuligula</i>	1			1	1
45	ANATIDAE	Scaup	<i>Aythya marila</i>	1			1	1
46	ANATIDAE	Eider	<i>Somateria mollissima</i>	1			1	1
47	ANATIDAE	Long-tailed Duck	<i>Clangula hyemalis</i>	1			1	1
48	ANATIDAE	Common Scoter	<i>Melanitta nigra</i>	1			1	1
49	ANATIDAE	Velvet Scoter	<i>Melanitta fusca</i>	1			1	1
50	ANATIDAE	Goldeneye	<i>Bucephala clangula</i>	1			1	1
51	ANATIDAE	Smew	<i>Mergus albellus</i>	1			1	0
52	ANATIDAE	Red-breasted Merganser	<i>Mergus serrator</i>	1			1	1
53	ANATIDAE	Goosander	<i>Mergus merganser</i>		1		1	1
54	ANATIDAE	White-fronted Goose	<i>Anser albifrons</i>	1			1	0
55	ACCIPITRIDAE	Honey Buzzard	<i>Pernis apivorus</i>		1	1	0	0
56	ACCIPITRIDAE	Black Kite	<i>Milvus migrans</i>		1	1	1	1
57	ACCIPITRIDAE	Red Kite	<i>Milvus milvus</i>		1		1	1
58	ACCIPITRIDAE	Egyptian Vulture	<i>Neophron percnopterus</i>			1	0	0
59	ACCIPITRIDAE	Short-toed Eagle	<i>Circaetus gallicus</i>			1	0	0
60	ACCIPITRIDAE	Marsh Harrier	<i>Circus aeruginosus</i>		1		1	1
61	ACCIPITRIDAE	Hen Harrier	<i>Circus cyaneus</i>		1		1	1
62	ACCIPITRIDAE	Montagu's Harrier	<i>Circus pygargus</i>		1	1	0	0
63	ACCIPITRIDAE	Goshawk	<i>Accipiter gentilis</i>		1		1	1
64	ACCIPITRIDAE	Sparrow Hawk	<i>Accipiter nisus</i>		1		1	1
65	ACCIPITRIDAE	Common Buzzard	<i>Buteo buteo</i>		1		1	1
66	ACCIPITRIDAE	Long-legged Buzzard	<i>Buteo rufinus</i>		1		1	1
67	ACCIPITRIDAE	Spotted Eagle	<i>Aquila clanga</i>		1		1	1
68	ACCIPITRIDAE	Booted Eagle	<i>Hieraaetus pennatus</i>		1	1	1	1

69	ACCIPITRIDAE	Bonelli's Eagle	<i>Hieraetus fasciatus</i>				1	1
70	PANDIONIDAE	Osprey	<i>Pandion haliaetus</i>		1	1	1	1
71	FALCONIDAE	Lesser Kestrel	<i>Falco naumanni</i>			1	0	0
72	FALCONIDAE	Common Kestrel	<i>Falco tinnunculus</i>				1	1
73	FALCONIDAE	Red-footed Falcon	<i>Falco vespertinus</i>		1	1	0	0
74	FALCONIDAE	Merlin	<i>Falco columbarius</i>	1			1	1
75	FALCONIDAE	Hobby	<i>Falco subbuteo</i>		1	1	0	0
76	FALCONIDAE	Eleonora's Falcon	<i>Falco eleonora</i>			1	0	0
77	FALCONIDAE	Peregrine Falcon	<i>Falco peregrinus</i>		1		1	1
78	PHASIANIDAE	Red-legged Partridge	<i>Alectoris rufa</i>				1	1
79	PHASIANIDAE	Quail	<i>Coturnix coturnix</i>		1	1	0	0
80	PHASIANIDAE	Common Pheasant	<i>Phasianus colchicus</i>				1	1
81	RALLIDAE	Water Rail	<i>Rallus aquaticus</i>		1		1	1
82	RALLIDAE	Corncrake	<i>Crex crex</i>		1	1	0	0
83	RALLIDAE	Spotted Crake	<i>Porzana porzana</i>		1	1	1	1
84	RALLIDAE	Little Crake	<i>Porzana parva</i>		1	1	0	0
85	RALLIDAE	Moorhen	<i>Gallinula chloropus</i>				1	1
86	RALLIDAE	Common Coot	<i>Fulica atra</i>		1		1	1
87	GRUIDAE	Common Crane	<i>Grus grus</i>	1			1	1
88	OTIDIDAE	Little Bustard	<i>Tetrax tetrax</i>				1	1
89	HAEMATOPODIDAE	Oystercatcher	<i>Haematopus ostralegus</i>				1	1
90	RECURVIROSTRIDAE	Black-winged Stilt	<i>Himantopus himantopus</i>			1	1	1
91	RECURVIROSTRIDAE	Avocet (Pied Avocet)	<i>Recurvirostra avosetta</i>				1	1
92	BURHINIDAE	Stone Curlew	<i>Burhinus oedicanus</i>				1	1
93	GLAREOLIDAE	Pratincole	<i>Glareola pratincola</i>			1	0	0
94	CHARADRIIDAE	Little ringed Plover	<i>Charadrius dubius</i>		1	1	1	1
95	CHARADRIIDAE	Great ringed Plover	<i>Charadrius hiaticula</i>	1		1	1	1
96	CHARADRIIDAE	Kentish Plover	<i>Charadrius alexandrinus</i>				1	1
97	CHARADRIIDAE	Dotterel	<i>Charadrius morinellus</i>		1		0	0
98	CHARADRIIDAE	Golden Plover	<i>Pluvialis apricaria</i>	1			1	1
99	CHARADRIIDAE	Grey Plover	<i>Pluvialis squatarola</i>	1			1	1
100	CHARADRIIDAE	Lapwing	<i>Vanellus vanellus</i>		1		1	1
101	SCOLOPACIDAE	Black-tailed Godwit	<i>Limosa limosa</i>		1	1	1	1
102	SCOLOPACIDAE	Bar-tailed Godwit	<i>Limosa lapponica</i>	1		1	0	0
103	SCOLOPACIDAE	Terek Sandpiper	<i>Xenus cinereus</i>	1		1	0	0
104	SCOLOPACIDAE	Woodcock	<i>Scolopax rusticola</i>		1		1	1

105	SCOLOPACIDAE	Curlew Sandpiper	<i>Calidris ferruginea</i>	1		1	0	0
106	SCOLOPACIDAE	Temminck's Stint	<i>Calidris temminckii</i>	1		1	1	1
107	SCOLOPACIDAE	Broad-billed Sandpiper	<i>Limicola falcinellus</i>	1		1	0	0
108	SCOLOPACIDAE	Knot	<i>Calidris canutus</i>	1		1	1	1
109	SCOLOPACIDAE	Little Stint	<i>Calidris minuta</i>	1		1	1	1
110	SCOLOPACIDAE	Sanderling	<i>Calidris alba</i>	1		1	1	1
111	SCOLOPACIDAE	Dunlin	<i>Calidris alpina</i>	1		1	1	1
112	SCOLOPACIDAE	Snipe	<i>Gallinago gallinago</i>		1		1	1
113	SCOLOPACIDAE	Jack Snipe	<i>Lymnocyptes minimus</i>	1			1	1
114	SCOLOPACIDAE	Greenshank	<i>Tringa nebularia</i>	1		1	1	1
115	SCOLOPACIDAE	Spotted Redshank	<i>Tringa erythropus</i>	1		1	1	1
116	SCOLOPACIDAE	Green Sandpiper	<i>Tringa ochropus</i>	1		1	1	1
117	SCOLOPACIDAE	Common Redshank	<i>Tringa totanus</i>		1		1	1
118	SCOLOPACIDAE	Common Sandpiper	<i>Actitis hypoleucos</i>		1	1	1	1
119	SCOLOPACIDAE	Marsh Sandpiper	<i>Tringa stagnatilis</i>		1	1	0	0
120	SCOLOPACIDAE	Wood Sandpiper	<i>Tringa glareola</i>	1		1	0	0
121	SCOLOPACIDAE	Ruff	<i>Philomachus pugnax</i>	1		1	1	1
122	SCOLOPACIDAE	Curlew	<i>Numenius arquata</i>		1		1	1
123	SCOLOPACIDAE	Whimbrel	<i>Numenius phaeopus</i>	1		1	1	1
124	SCOLOPACIDAE	Red-necked Phalarope	<i>Phalaropus lobatus</i>	1		1	0	0
125	SCOLOPACIDAE	Turnstone	<i>Arenaria interpres</i>	1		1	1	1
126	STERCORARIIDAE	Great Skua	<i>Catharacta skua</i>				1	1
127	STERCORARIIDAE	Pomatorhine Skua	<i>Stercorarius pomarinus</i>				0	0
128	STERCORARIIDAE	Arctic Skua	<i>Stercorarius parasiticus</i>				1	1
129	LARIDAE	Herring Gull	<i>Larus argentatus</i>		1		1	1
130	LARIDAE	Lesser Black-backed Gull	<i>Larus fuscus</i>		1		1	1
131	LARIDAE	Common Gull	<i>Larus canus</i>		1		1	1
132	LARIDAE	Audoin's Gull	<i>Larus audouinii</i>				0	0
133	LARIDAE	Yellow-legged Herring Gull	<i>Larus cachinnans</i>				1	1
134	LARIDAE	Slender-billed Gull	<i>Larus genei</i>			1	1	1
135	LARIDAE	Mediterranean Gull	<i>Larus melanocephalus</i>			1	1	1
136	LARIDAE	Little Gull	<i>Larus minutus</i>		1	1	1	1
137	LARIDAE	Black-headed Gull	<i>Larus ridibundus</i>		1		1	1
138	STERNIDAE	Common Tern	<i>Sterna hirundo</i>			1	1	1
139	STERNIDAE	Little Tern	<i>Sterna albifrons</i>			1	0	0
140	STERNIDAE	Gull-billed Tern	<i>Gelochelidon nilotica</i>			1	0	0

141	STERNIDAE	Sandwich Tern	<i>Sterna sandvicensis</i>				1	1
142	STERNIDAE	Caspian Tern	<i>Sterna caspia</i>		1	1	0	0
143	STERNIDAE	Black Tern	<i>Chlidonias niger</i>		1	1	1	1
144	STERNIDAE	Whiskered Tern	<i>Chlidonias hybridus</i>		1	1	1	1
145	STERNIDAE	White-winged Black Tern	<i>Chlidonias leucopterus</i>		1	1	0	0
146	ALCIDAE	Razorbill	<i>Alca torda</i>				1	1
147	ALCIDAE	Puffin	<i>Fratercula arctica</i>				1	1
148	PTEROCLIDIDAE	Pin-tailed Sandgrouse	<i>Pterocles alchata</i>				1	1
149	COLUMBIDAE	Collared Dove	<i>Streptopelia decaocto</i>				1	1
150	COLUMBIDAE	Turtle Dove	<i>Streptopelia turtur</i>		1	1	0	0
151	COLUMBIDAE	Wood Pigeon	<i>Columba palumbus</i>		1		1	1
152	COLUMBIDAE	Stock Dove	<i>Columba oenas</i>		1		1	1
153	COLUMBIDAE	Rock Dove (Feral Pigeon)	<i>Columba livia</i>				1	1
154	CUCULIDAE	Common Cuckoo	<i>Cuculus canorus</i>		1	1	0	0
155	CUCULIDAE	Great Spotted Cuckoo	<i>Clamator glandarius</i>			1	0	0
156	TYTONIDAE	Barn Owl	<i>Tyto alba</i>				1	1
157	STRIGIDAE	Scops Owl	<i>Otus scops</i>			1	0	0
158	STRIGIDAE	Long-eared Owl	<i>Asio otus</i>		1		1	1
159	STRIGIDAE	Short-eared Owl	<i>Asio flammeus</i>		1		1	1
160	STRIGIDAE	Eagle Owl	<i>Bubo bubo</i>				1	1
161	STRIGIDAE	Tawny Owl	<i>Strix aluco</i>				1	1
162	STRIGIDAE	Little Owl	<i>Athene noctua</i>				1	1
163	CAPRIMULGIDAE	Nightjar	<i>Caprimulgus europaeus</i>			1	0	0
164	APODIDAE	Common Swift	<i>Apus apus</i>		1	1	0	0
165	APODIDAE	Pallid Swift	<i>Apus pallidus</i>			1	0	0
166	APODIDAE	Alpine Swift	<i>Apus melba</i>			1	0	0
167	ALCEDINIDAE	European Kingfisher	<i>Alcedo atthis</i>		1		1	1
168	MEROPIIDAE	European Bee-eater	<i>Merops apiaster</i>			1	0	0
169	CORACIIDAE	European Roller	<i>Coracias garrulus</i>			1	0	0
170	UPUPIDAE	Hoopoe	<i>Upupa epops</i>			1	0	1
171	PICIDAE	Wryneck	<i>Jynx torquilla</i>		1	1	1	1
172	PICIDAE	Green Woodpecker	<i>Picus viridis</i>				1	1
173	PICIDAE	Lesser Spotted Woodpecker	<i>Dendrocopos minor</i>				1	1
174	PICIDAE	Greater Spotted Woodpecker	<i>Dendrocopos major</i>				1	1
175	ALAUDIDAE	Crested Lark	<i>Galerida cristata</i>				1	1
176	ALAUDIDAE	Wood Lark	<i>Lullula arborea</i>		1		1	1

177	ALAUDIDAE	Skylark	<i>Alauda arvensis</i>		1		1	1
178	ALAUDIDAE	Short-toed Lark	<i>Calandrella brachydactyla</i>				0	0
179	ALAUDIDAE	Calandra Lark	<i>Melanocorypha calandra</i>				1	1
180	HIRUNDINIDAE	Sand Martin	<i>Riparia riparia</i>		1	1	0	0
181	HIRUNDINIDAE	Crag Martin	<i>Hirundo rupestris</i>				1	1
182	HIRUNDINIDAE	Barn Swallow	<i>Hirundo rustica</i>		1	1	1	1
183	HIRUNDINIDAE	Red-rumped Swallow	<i>Hirundo daurica</i>			1	0	0
184	HIRUNDINIDAE	House Martin	<i>Delichon urbica</i>		1	1	0	1
185	MOTACILLIDAE	Water Pipit	<i>Anthus spinoletta</i>		1		1	1
186	MOTACILLIDAE	Tawny Pipit	<i>Anthus campestris</i>			1	0	0
187	MOTACILLIDAE	Meadow Pipit	<i>Anthus pratensis</i>		1		1	1
188	MOTACILLIDAE	Tree Pipit	<i>Anthus trivialis</i>		1	1	0	0
189	MOTACILLIDAE	Red-throated Pipit	<i>Anthus cervinus</i>	1		1	0	0
190	MOTACILLIDAE	Yellow Wagtail (Blue-headed Wagtail)	<i>Motacilla flava</i>		1	1	1	1
191	MOTACILLIDAE	White Wagtail (Pied Wagtail)	<i>Motacilla alba</i>		1		1	1
192	MOTACILLIDAE	Grey Wagtail	<i>Motacilla cinerea</i>		1		1	1
193	CINCLIDAE	Dipper	<i>Cinclus cinclus</i>				0	0
194	TROGLODYTIDAE	Wren	<i>Troglodytes troglodytes</i>		1		1	1
195	PRUNELLIDAE	Dunnock (Hedge Sparrow)	<i>Prunella modularis</i>		1		1	1
196	PRUNELLIDAE	Alpine Accentor	<i>Prunella collaris</i>		1		1	1
197	TURDIDAE	Black-eared Wheatear	<i>Oenanthe hispanica</i>			1	0	0
198	TURDIDAE	Wheatear (Northern Wheatear)	<i>Oenanthe oenanthe</i>		1	1	0	0
199	TURDIDAE	Stonechat	<i>Saxicola torquata</i>		1		1	1
200	TURDIDAE	Whinchat	<i>Saxicola rubetra</i>		1	1	0	0
201	TURDIDAE	Black Redstart	<i>Phoenicurus ochruros</i>		1	1	1	1
202	TURDIDAE	Common Redstart	<i>Phoenicurus phoenicurus</i>		1	1	0	0
203	TURDIDAE	Eurasian Robin	<i>Erithacus rubecula</i>		1		1	1
204	TURDIDAE	Common Nightingale	<i>Luscinia megarhynchos</i>		1	1	0	0
205	TURDIDAE	European Blackbird	<i>Turdus merula</i>		1		1	1
206	TURDIDAE	Rock Thrush	<i>Monticola saxatilis</i>			1	0	0
207	TURDIDAE	Blue Rock Thrush	<i>Monticola solitarius</i>				1	1
208	TURDIDAE	Ring Ouzel	<i>Turdus torquatus</i>				0	1
209	TURDIDAE	Song Thrush	<i>Turdus philomelos</i>		1		1	1
210	TURDIDAE	Redwing	<i>Turdus iliacus</i>	1			1	1
211	TURDIDAE	Fieldfare	<i>Turdus pilaris</i>		1		1	1
212	TURDIDAE	Mistle Thrush	<i>Turdus viscivorus</i>		1		1	1

213	TURDIDAE	Bluethroat	<i>Luscinia svecica</i>				1	1
214	SYLVIIDAE	Marsh Warbler	<i>Acrocephalus palustris</i>		1	1	0	0
215	SYLVIIDAE	Great Reed Warbler	<i>Acrocephalus arundinaceus</i>		1	1	0	0
216	SYLVIIDAE	Reed Warbler	<i>Acrocephalus scirpaceus</i>		1	1	0	0
217	SYLVIIDAE	Firecrest	<i>Regulus ignicapillus</i>		1		1	1
218	SYLVIIDAE	Goldcrest	<i>Regulus regulus</i>		1		1	1
219	SYLVIIDAE	Chiffchaff	<i>Phylloscopus collybita</i>		1		1	1
220	SYLVIIDAE	Wood Warbler	<i>Phylloscopus sibilatrix</i>		1	1	0	0
221	SYLVIIDAE	Willow Warbler	<i>Phylloscopus trochilus</i>		1	1	0	0
222	SYLVIIDAE	Bonelli's Warbler	<i>Phylloscopus bonelli</i>		1	1	0	0
223	SYLVIIDAE	Sedge Warbler	<i>Acrocephalus schoenobaenus</i>		1	1	0	0
224	SYLVIIDAE	Aquatic Warbler	<i>Acrocephalus paludicola</i>		1	1	0	0
225	SYLVIIDAE	Moustached Warbler	<i>Acrocephalus melanopogon</i>				1	1
226	SYLVIIDAE	Grasshopper Warbler	<i>Locustella naevia</i>		1	1	0	0
227	SYLVIIDAE	Savi's Warbler	<i>Locustella luscinioides</i>			1	0	0
228	SYLVIIDAE	Melodious Warbler	<i>Hippolais polyglotta</i>			1	0	0
229	SYLVIIDAE	Icterine Warbler	<i>Hippolais icterina</i>		1	1	0	0
230	SYLVIIDAE	Dartford Warbler	<i>Sylvia undata</i>				1	1
231	SYLVIIDAE	Subalpine Warbler	<i>Sylvia cantillans</i>			1	1	1
232	SYLVIIDAE	Orphean Warbler	<i>Sylvia hortensis</i>			1	0	0
233	SYLVIIDAE	Sardinian Warbler	<i>Sylvia melanocephala</i>				1	1
234	SYLVIIDAE	Whitethroat	<i>Sylvia communis</i>		1	1	0	0
235	SYLVIIDAE	Garden Warbler	<i>Sylvia borin</i>		1	1	0	0
236	SYLVIIDAE	Lesser Whitethroat	<i>Sylvia curruca</i>		1	1	0	0
237	SYLVIIDAE	Blackcap	<i>Sylvia atricapilla</i>		1		1	1
238	SYLVIIDAE	Spectacled Warbler	<i>Sylvia conspicillata</i>				1	1
239	SYLVIIDAE	Fan-tailed Warbler	<i>Cisticola juncidis</i>				1	1
240	SYLVIIDAE	Cetti's Warbler	<i>Cettia cetti</i>				1	1
241	MUSCICAPIDAE	Pied Flycatcher	<i>Ficedula hypoleuca</i>		1	1	0	0
242	MUSCICAPIDAE	Spotted Flycatcher	<i>Muscicapa striata</i>		1	1	0	0
243	TIMALIIDAE	Bearded Tit	<i>Panurus biarmicus</i>				1	1
244	AEGITHALIDAE	Long-tailed Tit	<i>Aegithalos caudatus</i>				1	1
245	PARIDAE	Coal Tit	<i>Parus ater</i>		1		1	1
246	PARIDAE	Great Tit	<i>Parus major</i>				1	1
247	PARIDAE	Blue Tit	<i>Parus caeruleus</i>				1	1
248	SITTIDAE	Nuthatch	<i>Sitta europaea</i>				1	1

249	TICHODROMADIDAE	Wall Creeper	<i>Tichodroma muraria</i>		1		1	1
250	CERTHIIDAE	Short-toed Treecreeper	<i>Certhia brachydactyla</i>				1	1
251	REMIZIDAE	Penduline Tit	<i>Remiz pendulinus</i>		1		1	1
252	ORIOOLIDAE	Golden Oriole	<i>Oriolus oriolus</i>			1	0	0
253	LANIIDAE	Red-backed Shrike	<i>Lanius collurio</i>		1	1	0	0
254	LANIIDAE	Lesser Grey Shrike	<i>Lanius minor</i>			1	0	0
255	LANIIDAE	Great Gray Shrike	<i>Lanius excubitor</i>		1	1	1	1
256	LANIIDAE	Mediterranean Great Gray Shrike	<i>Lanius meridionalis</i>				1	1
257	LANIIDAE	Woodchat Shrike	<i>Lanius senator</i>		1	1	0	0
258	CORVIDAE	Common Magpie	<i>Pica pica</i>				1	1
259	CORVIDAE	Raven	<i>Corvus corax</i>				1	1
260	CORVIDAE	Eurasian Jay	<i>Garrulus glandarius</i>				1	1
261	CORVIDAE	Carrion Crow	<i>Corvus corone</i>		1		1	1
262	CORVIDAE	Rook	<i>Corvus frugilegus</i>		1		1	1
263	CORVIDAE	Jackdaw	<i>Corvus monedula</i>				1	1
264	STURNIDAE	Spotless Starling	<i>Sturnus unicolor</i>				1	1
265	STURNIDAE	Common Starling	<i>Sturnus vulgaris</i>		1		1	1
266	PASSERIDAE	Snow Finch	<i>Montifringilla nivalis</i>		1		1	1
267	PASSERIDAE	Rock Sparrow	<i>Petronia petronia</i>				0	0
268	PASSERIDAE	Tree Sparrow	<i>Passer montanus</i>				1	1
269	PASSERIDAE	House Sparrow	<i>Passer domesticus</i>				1	1
270	FRINGILLIDAE	Greenfinch	<i>Carduelis chloris</i>		1		1	1
271	FRINGILLIDAE	Citril Finch	<i>Serinus citrinella</i>		1		1	1
272	FRINGILLIDAE	Siskin	<i>Carduelis spinus</i>	1			1	1
273	FRINGILLIDAE	Redpoll	<i>Carduelis flammea</i>	1			1	1
274	FRINGILLIDAE	European Serin	<i>Serinus serinus</i>		1		1	1
275	FRINGILLIDAE	Brambling	<i>Fringilla montifringilla</i>	1			1	1
276	FRINGILLIDAE	Chaffinch	<i>Fringilla coelebs</i>		1		1	1
277	FRINGILLIDAE	Linnet	<i>Carduelis cannabina</i>		1		1	1
278	FRINGILLIDAE	Hawfinch	<i>Coccothraustes coccothraustes</i>		1		1	1
279	FRINGILLIDAE	Goldfinch	<i>Carduelis carduelis</i>		1		1	1
280	FRINGILLIDAE	Bullfinch	<i>Pyrrhula pyrrhula</i>		1		1	0
281	FRINGILLIDAE	Crossbill	<i>Loxia curvirostra</i>	1			1	1
282	EMBERIZIDAE	Cirl Bunting	<i>Emberiza cirlus</i>		1		1	1
283	EMBERIZIDAE	Corn Bunting	<i>Miliaria calandra</i>		1		1	1
284	EMBERIZIDAE	Ortolan Bunting	<i>Emberiza hortulana</i>			1	0	0

285	EMBERIZIDAE	Yellowhammer	<i>Emberiza citrinella</i>		1		1	1
286	EMBERIZIDAE	Rock Bunting	<i>Emberiza cia</i>				1	1
287	EMBERIZIDAE	Reed Bunting	<i>Emberiza schoeniclus</i>		1		1	1
288	EMBERIZIDAE	Snow Bunting	<i>Plectrophenax nivalis</i>	1			1	1
289	EMBERIZIDAE	Pine Bunting	<i>Emberiza leucocephalos</i>	1			1	1

Bird diversity											Bird abundance										
M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1
1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1
1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1
1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	100	100	100	100	100	1000	1000	1000
1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1
1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1
1	1	1	1	1	1	1	1	1	1	1000	1000	100	100	1	1	1	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	100	100	100	100	100	100	1000	1000
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	100	100	10
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	10	1	1	1	10	10	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10
0	0	1	1	1	1	0	0	0	0	0	0	0	0	10	10	10	10	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	1	1
0	0	1	1	1	1	1	0	0	0	0	0	0	0	100	100	100	100	100	0	0	0
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	100	100	100	1	1	1	1	1	100	100	100	100
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	0	0	0	0	100	1000	1000	1000	1000	1000	1000	10	0	0
1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	10	10	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	10	1	1	1	10	10	10	10	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	1	1	1
1	1	1	1	1	1	1	1	1	1	1000	1000	10000	10000	10000	10000	10000	10000	10000	10000	1000	1000
1	1	1	1	1	1	1	1	1	1	100	100	100	100	10	10	10	100	100	100	100	100
1	0	0	0	0	0	0	1	1	1	10	10	10	0	0	0	0	0	0	10	10	10
0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1
1	1	1	1	1	1	1	1	1	1	100	100	1	1	1	1	1	1	1	100	100	100

1	1	1	1	1	1	1	1	1	1	1	100	1000	1000	100	100	100	100	1	100	1000	1000	100
1	1	0	0	0	1	1	1	1	1	1	1000	1000	1000	10	0	0	0	10	100	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1	1	1	1	10	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	10000	1000	1000	10	1	1	100	1000	1000	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	1	10000	1000	1000	1000	1000	1000	1000	10000	10000	10000	10000	10000
1	1	0	0	0	1	1	1	1	1	1	1000	1000	100	10	0	0	0	10	100	100	1000	1000
1	1	1	1	1	1	1	1	1	0	0	0	10	1000	1000	10	1	1	1000	1000	10	0	0
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1	1	1	1	100	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	1000	1000	100	100	100	100	100	100	100	100	1000	1000
1	1	1	1	1	1	1	1	1	1	1	1000	1000	100	1	1	1	1	1	1000	10000	10000	1000
0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1
1	1	0	0	0	0	1	1	1	1	1	1000	1000	100	1	0	0	0	0	10	10	100	1000
1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1
1	1	1	1	1	1	1	1	1	1	1	10	10	10	1	1	1	1	1	1	1	10	10
1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1
1	0	0	0	0	0	0	0	1	1	1	10	10	10	0	0	0	0	0	0	0	10	10
1	0	0	0	0	0	0	0	1	1	1	1	10	10	10	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1
0	1	1	1	1	1	1	0	0	0	0	0	0	1000	1000	1	1	1000	1000	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1000	1000	10	10	10	1000	1000	1	1	1
1	1	0	0	0	0	1	1	1	1	1	100	100	100	10	0	0	0	0	100	100	100	100
1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0
1	1	1	1	1	1	1	1	0	0	0	0	0	1	10	10	10	10	10	10	10	0	0
1	1	1	1	1	1	1	1	1	1	1	100	100	100	10	10	10	10	10	100	100	100	100
1	1	0	0	0	0	1	1	1	1	1	10	10	100	10	0	0	0	0	1	100	100	10
0	1	1	1	1	1	1	1	0	0	0	0	0	10	10	10	10	10	10	10	1	0	0
1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	100	100	100	10	10
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	10	10	10	100	100	100	100	100
1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1
1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	1	1	
1	1	1	1	1	1	1	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	
0	1	1	1	1	1	1	0	0	0	0	0	0	10	10	1	1	1	1	0	0	0	
1	0	0	0	0	0	0	1	1	1	1	100	100	100	0	0	0	0	0	100	100	100	
1	1	1	1	1	1	1	1	1	1	0	0	0	10	100	100	10	100	100	100	1	0	
0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	1	1	1	1	1	10	10	10	
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
0	1	1	1	1	1	1	1	0	0	0	0	0	10	10	1	1	1	10	10	0	0	
1	1	1	1	1	1	1	1	1	1	1	1000	1000	100	100	100	100	100	1000	1000	1000	1000	
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	0	
1	1	0	0	1	1	1	1	1	1	1	1	1	10	10	0	0	1	1	10	10	1	1
1	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
1	1	1	1	1	1	1	1	1	1	1	10000	1000	1000	1000	1000	1000	1000	1000	10000	10000	10000	10000
1	0	0	0	0	0	0	1	1	1	1	10	100	10	0	0	0	0	0	10	100	10	
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	10	100	100	100	100	100	10	1	1	
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	1	1	
0	1	1	1	1	1	1	0	0	0	0	0	0	10	10	10	10	10	10	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	1	1	1000	1000	100	1	1000	1000	1000	100	1	1
1	1	1	1	1	1	1	1	1	1	1	10	10	100	1000	1000	10	10	1000	1000	1000	10	10
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	1000	1000	100	100	100
0	1	1	0	0	1	1	1	0	0	0	0	0	1	1	0	0	10	10	10	0	0	
1	1	0	0	0	1	1	1	1	1	1	100	100	100	1	0	0	0	10	10	10	100	100
1	1	1	1	1	1	1	1	1	1	1	100	100	100	1000	100	100	100	100	1000	100	100	100
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	10	10	10	10	10	10	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	1	1000	10000	1000	10	10	10000	10000	100	10	1	1
1	1	1	1	1	1	1	1	1	0	0	0	0	1	10	10	1	1	1	10	10	1	0
1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0
1	0	0	0	0	0	0	1	1	1	1	10	10	10	0	0	0	0	0	10	10	10	10

0	1	1	1	1	1	1	1	0	0	0	0	0	1000	1000	10	1000	1000	1000	10	0	0				
1	1	1	0	1	1	1	1	1	1	1	1	1	10	10	0	10	100	100	10	1	1				
0	0	1	0	1	1	1	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0				
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	1	10	10	1	1	1				
1	1	1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	1000	10	10	10000	10000	1000	1000	100	
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	1000	1000	100	10	10	10	10	10	10	
1	1	1	1	1	1	1	1	1	1	1	1	1	1000	1000	10000	10000	1000	100	100	100	1000	10000	1000	1000	1000
1	1	1	0	0	1	1	1	1	1	1	1	1	10000	10000	10000	100	1	0	0	1	10000	10000	10000	10000	10000
1	0	0	0	0	0	0	1	1	1	1	1	1	100	100	100	0	0	0	0	0	0	100	100	100	100
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	1000	1000	10	100	1000	1000	100	10	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	1000	1000	1	100	1000	1000	100	10	10	10
1	1	1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100	100
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	1000	1000	100	1	1	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	10	1000	1000	100	10	1000	1000	100	1	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	100	100	100	10	10	10	10	100	100	100	100	100	100
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	100	1	1	100	100	1	1	1	1
1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0
1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	10	10	0	0	10	10	10	1	1	1
1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	1	1	1	1	1	1	10	10	10
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	1	1	1	1	1	1	1	1	1	10
0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	1	1	1	10	10	10	100	100	100	100	100	10	10	10	10	10
1	1	1	1	1	1	1	1	1	1	1	1	1	100	100	1000	1000	1000	1000	1000	1000	100	100	100	100	100
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	100	1	1	100	100	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	1000	1000	1000	1000	1000	1000	10000	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	1	1	1	1
0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	100	100	100	100	100	100	0	0	0	0
1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	10	100	100	100	100	100	10	0	0	0	0

1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	1000	100	100	
1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	10	10	1	0	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1000	1000	10	1000	1000	1	1	1	1	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	100	100	10	100	100	10	10	10	10	
0	1	1	1	1	1	1	1	0	0	0	0	0	0	10	10	10	1	10	10	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	100	100	100	10	1	1	1	1	1	100	100	100	
0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100	
0	1	1	1	1	1	1	1	1	0	0	0	0	0	100	100	100	100	100	100	1	0	0	
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	100	100	100	100	100	1000	10000	10000	1000	
1	0	0	0	0	0	1	1	1	1	1	10	100	10	0	0	0	0	0	100	100	10	10	
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	
1	1	1	1	1	1	1	1	0	0	0	0	0	10	100	100	100	100	100	100	0	0	0	
1	1	1	1	1	1	1	1	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	
0	1	1	1	1	1	1	1	0	0	0	0	0	0	10	10	10	10	10	10	0	0	0	
1	1	1	1	1	1	1	1	1	0	0	0	0	10	1000	10000	1000	10000	10000	1000	1	0	0	
1	1	1	1	1	1	1	1	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0	
1	1	1	1	1	1	1	1	1	0	0	0	0	10	100	100	100	100	100	100	1	0	0	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	100	100	100	100	100	10	10	
0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	100	100	100	100	100	0	0	0	
0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	10	10	10	10	10	1	0	0	
1	1	1	1	1	1	1	1	0	0	0	0	1	100	100	100	100	100	100	100	0	0	0	
1	1	0	0	0	1	1	1	1	1	1	1	1	1	10	10	0	0	0	10	10	1	1	1
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10	

1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	100	100	100	100	100	100	10000	10000	10000
1	1	1	1	1	1	1	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1	0	0	0	0	0	100	10000	10000	10	10000	10000	10000	10	0	0
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1	1	1	1	1	1	100	10000	10000	1000	10000	10000	10000	1000	10	1
1	1	1	1	1	1	1	0	0	0	0	0	0	1	10	10	10	10	10	10	0	0	0
1	1	1	1	1	1	1	1	0	0	0	0	1	100	1000	1000	1000	1000	1000	1000	100	0	0
0	0	0	0	0	0	0	1	1	1	1	1000	1000	0	0	0	0	0	0	0	1000	1000	1000
1	1	1	1	1	1	1	1	0	0	0	0	0	1	100	100	100	100	100	100	10	0	0
1	1	0	0	0	0	1	1	1	1	1	10000	10000	1000	1	0	0	0	0	10	1000	10000	10000
1	1	1	0	0	1	1	1	1	0	0	0	0	10	100	100	0	0	100	1000	1000	1	0
0	1	1	0	0	0	1	0	0	0	0	0	0	10	10	0	0	0	10	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	100	10000	10000	1000	1000	10000	10000	100	1	1
1	1	1	1	1	1	1	1	1	1	1	100	1000	1000	10	10	10	10	10	10	1000	1000	100
1	0	0	0	0	0	1	1	1	1	1	10	10	10	0	0	0	0	0	10	10	10	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	10	1	1	1	1	100	10000	10000	1000
1	1	1	0	0	0	1	1	1	1	1	1000	1000	10000	100	10	0	0	0	100	10000	10000	1000
1	1	0	0	0	0	0	1	1	1	1	10	10	10	1	0	0	0	0	0	10	10	10
1	1	1	1	1	1	1	0	0	0	0	0	0	10	10	10	10	10	10	10	0	0	0
1	1	1	0	0	1	1	1	0	0	0	0	0	100	1000	1000	0	0	1000	1000	100	0	0
1	1	1	1	1	1	1	1	1	1	1	10	100	100	10	10	10	10	10	100	100	10	10
1	1	1	0	0	1	1	1	0	0	0	0	0	1	100	100	0	0	100	100	100	0	0
1	1	1	1	1	1	1	1	1	1	1	100	100	1000	1000	100	100	100	100	1000	100	100	100
1	1	1	1	1	1	1	1	1	1	0	0	0	100	1000	1000	10	10	1000	1000	1000	10	0
1	1	1	1	1	1	1	1	1	1	1	1000	1000	10000	1000	100	100	100	100	1000	10000	1000	1000
1	1	1	1	1	1	1	1	0	0	0	0	0	1	10000	10000	10000	10000	10000	10000	10	0	0
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	100	100	100	100	100	1000	10000	10000	10000
0	1	1	1	1	1	1	0	0	0	0	0	0	100	100	100	100	100	100	100	0	0	0
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100
1	1	1	0	0	0	1	1	1	1	1	0	100	100	100	1	0	0	0	100	100	100	1
1	1	1	1	1	1	1	1	1	1	1	1000	1000	10000	1000	1	1	1	1	1000	10000	10000	1000
1	0	0	0	0	0	0	1	1	1	1	1000	1000	1000	0	0	0	0	0	1000	1000	1000	1000
1	0	0	0	0	0	0	1	1	1	1	1000	1000	1000	0	0	0	0	0	1000	1000	1000	1000
1	0	0	0	0	0	1	1	1	1	1	1000	1000	1000	0	0	0	0	0	10	1000	1000	1000

1	1	0	0	0	1	1	1	1	1	100	100	100	10	0	0	0	100	1000	1000	100	100
0	1	1	0	0	0	0	0	0	0	0	0	0	10	10	0	0	0	0	0	0	0
0	1	1	1	1	1	1	1	1	0	0	0	0	1000	1000	100	100	10000	1000	100	0	0
0	1	1	1	1	1	1	1	1	0	0	0	0	1000	1000	1000	1000	10000	10000	1000	0	0
1	1	0	0	0	1	1	1	1	1	10	10	100	100	0	0	0	10	1000	1000	10	10
1	1	0	0	0	0	1	1	1	1	10	10	100	100	0	0	0	0	1000	1000	1000	10
1	1	1	1	1	1	1	1	1	1	100	100	10000	1000	1	1	1	1	10000	10000	100	100
1	1	1	0	1	1	1	0	0	0	0	0	10	1000	1000	0	10	100	100	0	0	0
1	1	1	1	1	1	1	1	0	0	0	0	10000	10000	1000	1	1000	10000	10000	100	0	0
0	1	1	1	1	1	1	0	0	0	0	0	0	1000	1000	100	1000	1000	1000	0	0	0
1	1	1	0	1	1	1	1	0	0	0	0	100	100	100	0	100	1000	1000	100	0	0
0	1	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	1	1	1	1	0
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
0	1	1	0	0	1	1	1	0	0	0	0	0	100	100	0	0	100	100	100	0	0
0	1	1	1	1	1	1	1	0	0	0	0	0	100	1000	1000	1000	1000	100	0	0	0
0	1	1	0	1	1	1	0	0	0	0	0	0	100	100	0	10	100	100	0	0	0
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
0	1	1	1	1	1	1	1	0	0	0	0	0	100	100	10	100	100	100	10	0	0
1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
0	1	1	1	1	1	1	1	0	0	0	0	0	1000	1000	10	1000	10000	10000	1000	0	0
0	1	1	1	0	1	1	1	0	0	0	0	0	1000	1000	100	0	10000	10000	1000	0	0
0	1	1	0	0	1	1	1	0	0	0	0	0	1	1	0	0	10	10	10	0	0
1	1	1	1	1	1	1	1	1	1	1000	1000	10000	10000	10000	10000	10000	10000	10000	10000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	1	1	1
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
0	1	1	1	1	1	1	1	0	0	0	0	0	10000	10000	100	100	10000	10000	1	0	0
0	1	1	1	1	1	1	1	0	0	0	0	0	1000	1000	100	100	1000	1000	100	0	0
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	0	0	0	0	0	1	1	1	1	100	100	100	0	0	0	0	0	1000	1000	100	100
1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1

1	1	0	0	0	0	1	1	1	1	1	10	10	10	10	0	0	0	0	10	10	10	10
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	100	1000	1000	100	1	1	1	1	100	1000	1000	100
0	1	1	1	1	1	1	1	0	0	0	0	0	0	1000	1000	1000	1000	1000	100	0	0	0
0	1	1	1	1	1	1	1	0	0	0	0	0	0	100	100	10	100	100	100	0	0	0
0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100
1	1	1	0	1	1	1	1	1	0	0	0	0	10	100	100	0	100	100	100	1	0	0
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1	1	1	1	100	100	100	100	100	100	100	100	100	100	100	100
1	1	1	1	1	1	1	1	1	1	1	1000	1000	100	100	100	100	100	100	100	100	1000	1000
0	0	0	0	0	0	0	0	1	1	1	10	10	0	0	0	0	0	0	0	10	10	10
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1
1	1	0	0	0	0	0	1	1	1	1	1000	1000	1000	100	0	0	0	0	100	1000	1000	1000
1	0	0	0	0	0	0	0	1	1	1	10	10	10	0	0	0	0	0	0	10	10	10
1	1	1	1	1	1	1	1	1	1	1	100	100	1000	100	100	100	100	100	100	1000	100	100
1	0	0	0	0	0	0	0	1	1	1	1000	1000	100	0	0	0	0	0	0	100	1000	1000
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	1000	100	100	100	100	100	10000	10000	10000
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	100	100	100	100	100	100	1000	1000	1000
1	1	0	0	0	0	0	0	1	1	1	100	100	100	100	0	0	0	0	0	100	100	100
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	1000	1000	1000	1000	1000	1000	10000	10000	10000
0	0	0	0	0	0	0	0	1	1	1	10	0	0	0	0	0	0	0	0	10	10	10
0	0	0	0	1	1	1	1	1	1	1	10	10	0	0	0	0	10	10	10	10	10	10
1	1	1	1	1	1	1	1	1	1	1	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1	1	1	1	1	1	1	1	1	1	1	10000	10000	10000	1000	1000	1000	1000	1000	1000	10000	10000	10000
0	1	1	1	1	1	1	1	0	0	0	0	0	0	1000	1000	1	1	100	1000	0	0	0

1	0	0	0	0	0	0	0	1	1	1000	1000	1000	0	0	0	0	0	0	0	1000	1000
1	1	1	1	1	1	1	1	1	1	10	10	10	10	10	10	10	10	10	10	10	10
1	1	1	1	1	1	1	1	1	1	10000	10000	1000	1000	1000	1000	1000	1000	1000	1000	10000	10000
0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1