

**Table C.1 Species Used to Calculate Wild Bird Population Indices**

Woodland Birds	Waterbirds	Seabirds	Farmland Birds
<i>Accipiter nisus</i> (Sparrowhawk)	<i>Actitis hypoleucos</i> (Common sandpiper)	<i>Stercorarius parasiticus</i> (Arctic skua)	<i>Alauda arvensis</i> (Skylark)
<i>Aegithalos caudatus</i> (Long-tailed tit)	<i>Mergus merganser</i> (Goosander)	<i>Alca torda</i> (Razorbill)	<i>Carduelis cannabina</i> (Linnet)
<i>Anthus trivialis</i> (Tree pipit)	<i>Motacilla cinerea</i> (Grey wagtail)	<i>Catharacta skua</i> (Great skua)	<i>Carduelis carduelis</i> (Goldfinch)
<i>Carduelis cabaret</i> (Lesser redpoll)	<i>Cinclus cinclus</i> (Dipper)	<i>Aria aalge</i> (Common guillemot)	<i>Carduelis chloris</i> (Greenfinch)
<i>Carduelis spinus</i> (Siskin)	<i>Tachybaptus ruficollis</i> (Little grebe)	<i>Fratercula arctica</i> (Puffin)	<i>Columba oenas</i> (Stock dove)
<i>Certhia familiaris</i> (Treetreeper)	<i>Podiceps cristatus</i> (Great crested grebe)	<i>Fulmarus glacialis</i> (Fulmar)	<i>Columba palumbus</i> (Woodpigeon)
<i>Coccothraustes coccothraustes</i> (Hawfinch)	<i>Anas platyrhynchos</i> (Mallard)	<i>Larus argentatus</i> (Herring gull)	<i>Corvus frugilegus</i> (Rook)
<i>Cyanistes caeruleus</i> (Blue tit)	<i>Aythya fuligula</i> (Tufted duck)	<i>Larus canus</i> (Common gull)	<i>Corvus monedula</i> (Jackdaw)
<i>Dendrocopos major</i> (Great spotted woodpecker)	<i>Gallinula chloropus</i> (Moorhen)	<i>Larus fuscus</i> (Lesser black-backed gull)	<i>Emberiza citronella</i> (Yellowhammer)
<i>Dendrocopos minor</i> (Lesser spotted woodpecker)	<i>Fulica atra</i> (Coot)	<i>Larus marinus</i> (Great black-backed gull)	<i>Emberiza schoeniclus</i> (Reed bunting)
<i>Erithacus rubecula</i> (Robin)	<i>Acrocephalus scirpaceus</i> (Reed warbler)	<i>Larus ridibundus</i> (Black-headed gull)	<i>Falco tinnunculus</i> (Kestrel)
<i>Ficedula hypoleuca</i> (Pied flycatcher)	<i>Acrocephalus schoenobaenus</i> (Sedge warbler)	<i>Morus bassanus</i> (Gannet)	<i>Miliaria calandra</i> (Corn bunting)
<i>Fringilla coelebs</i> (Chaffinch)	<i>Cettia cetti</i> (Cetti's warbler)	<i>Phalacrocorax aristotelis</i> (Shag)	<i>Motacilla flava</i> (Yellow wagtail)
<i>Garrulus glandarius</i> (Jay)	<i>Emberiza schoeniclus</i> (Reed bunting)	<i>Phalacrocorax carbo</i> (Cormorant)	<i>Passer montanus</i> (Tree sparrow)
<i>Loxia curvirostra</i> (Crossbill)	<i>Cygnus olor</i> (Mute swan)	<i>Rissa tridactyla</i> (Kittiwake)	<i>Perdix perdix</i> (Grey partridge)
<i>Luscinia megarhynchos</i> (Nightingale)	<i>Anas crecca</i> (Teal)	<i>Sternula albifrons</i> (Little tern)	<i>Streptopelia turtur</i> (Turtle dove)
<i>Muscicapa striata</i> (Spotted flycatcher)	<i>Numenius arquata</i> (Curlew)	<i>Sterna hirundo</i> (Common tern)	<i>Sturnus vulgaris</i> (Starling)

Woodland Birds	Waterbirds	Seabirds	Farmland Birds
<i>Parus major</i> (Great tit)	<i>Vanellus vanellus</i> (Lapwing)	<i>Sterna paradisaea</i> (Arctic tern)	<i>Sylvia communis</i> (Whitethroat)
<i>Periparus ater</i> (Coal tit)	<i>Gallinago gallinago</i> (Snipe)	<i>Sterna sandvicensis</i> (Sandwich tern)	<i>Vanellus vanellus</i> (Lapwing)
<i>Phoenicurus phoenicurus</i> (Redstart)	<i>Tringa tetanus</i> (Redshank)		
<i>Phylloscopus collybita</i> (Chiffchaff)	<i>Motacilla flava</i> (Yellow wagtail)		
<i>Phylloscopus sibilatrix</i> (Wood warbler)	<i>Ardea cinerea</i> (Grey heron)		
<i>Phylloscopus trochilus</i> (Willow warbler)	<i>Alcedo atthis</i> (Kingfisher)		
<i>Picus viridis</i> (Green woodpecker)	<i>Haematopus ostralegus</i> (Oystercatcher)		
<i>Poecile montanus</i> (Willow tit)	<i>Riparia riparia</i> (Sand martin)		
<i>Poecile palustris</i> (Marsh tit)			
<i>Prunella modularis</i> (Dunnock)			
<i>Pyrrhula pyrrhula</i> (Bullfinch)			
<i>Regulus regulus</i> (Goldcrest)			
<i>Sitta europaea</i> (Nuthatch)			
<i>Strix aluco</i> (Tawny owl)			
<i>Sylvia atricapilla</i> (Blackcap)			
<i>Sylvia borin</i> (Garden warbler)			
<i>Sylvia curruca</i> (Lesser whitethroat)			
<i>Tetrao urogallus</i> (Capercaillie)			
<i>Troglodytes troglodytes</i> (Wren)			
<i>Turdus merula</i> (Blackbird)			
<i>Turdus philomelos</i> (Song thrush)			

**Table C.2 Species Used to Calculate the Wintering Waterbird Measure**

<i>Anas acuta</i> (Pintail)	<i>Branta bernicla hrota</i> (Light-bellied brent goose - east Canadian population)	<i>Limosa limosa</i> (Black-tailed godwit)
<i>Anas clypeata</i> (Shoveler)	<i>Branta bernicla hrota</i> (Light-bellied brent goose - Svalbard population)	<i>Mergus merganser</i> (Goosander)
<i>Anas crecca</i> (Teal)	<i>Branta leucopsis</i> (Barnacle goose - Greenland population)	<i>Mergus serrator</i> (Red-breasted merganser)
<i>Anas Penelope</i> (Wigeon)	<i>Branta leucopsis</i> (Barnacle goose - Svalbard population)	<i>Numenius arquata</i> (Curlew)
<i>Anas platyrhynchos</i> (Mallard)	<i>Bucephala clangula</i> (Goldeneye)	<i>Phalacrocorax carbo</i> (Cormorant)
<i>Anas strepera</i> (Gadwall)	<i>Calidris alba</i> (Sanderling)	<i>Pluvialis apricaria</i> (Golden plover)
<i>Anser albifrons albifrons</i> (European white-fronted goose)	<i>Calidris alpine</i> (Dunlin)	<i>Pluvialis squatarola</i> (Grey plover)
<i>Anser albifrons flavirostris</i> (Greenland white-fronted goose)	<i>Calidris canuta</i> (Knot)	<i>Podiceps cristatus</i> (Great crested grebe)
<i>Anser anser</i> (Greylag goose - Icelandic population)	<i>Calidris maritime</i> (Purple sandpiper)	<i>Recurvirostra avosetta</i> (Avocet)
<i>Anser anser</i> (Greylag goose - northwest Scottish population)	<i>Charadrius hiaticula</i> (Ringed plover)	<i>Somateria mollissima</i> (Eider)
<i>Anser brachyrhynchus</i> (Pink-footed goose)	<i>Cygnus columbianus</i> (Bewick's swan)	<i>Tachybaptus ruficollis</i> (Little grebe)
<i>Arenaria interpres</i> (Turnstone)	<i>Cygnus Cygnus</i> (Whooper swan)	<i>Tadorna tadorna</i> (Shelduck)
<i>Aythya farina</i> (Pochard)	<i>Cygnus olor</i> (Mute swan)	<i>Tringa tetanus</i> (Redshank)
<i>Aythya fuligula</i> (Tufted duck)	<i>Fulica atra</i> (Coot)	<i>Vanellus vanellus</i> (Lapwing)
<i>Aythya marila</i> (Scaup)	<i>Haematopus ostralegus</i> (Oystercatcher)	
<i>Branta bernicla bernicla</i> (Dark-bellied brent goose)	<i>Limosa lapponica</i> (Bar-tailed godwit)	

**Table C.3 Species Used to Calculate Butterfly Population Indices**

Generalist Butterflies	Habitat Specialist Butterflies
<i>Aglais urticae</i> (Small tortoiseshell)	<i>Apatura iris</i> (Purple emperor)
<i>Anthocharis cardamines</i> (Orange-tip)	<i>Argynnis adippe</i> (High brown fritillary)
<i>Aphantopus hyperantus</i> (Ringlet)	<i>Argynnis aglaja</i> (Dark green fritillary)
<i>Aricia agestis</i> (Brown argus)	<i>Argynnis paphia</i> (Silver-washed fritillary)
<i>Celastrina argiolus</i> (Holly blue)	<i>Aricia artaxerxes</i> (Northern brown argus)
<i>Coenonympha pamphilus</i> (Small heath)	<i>Boloria euphrosyne</i> (Pearl-bordered fritillary)
<i>Erebia aethiops</i> (Scotch argus)	<i>Boloria selene</i> (Small pearl-bordered fritillary)
<i>Gonepteryx rhamni</i> (Brimstone)	<i>Callophrys rubi</i> (Green hairstreak)
<i>Inachis io</i> (Peacock)	<i>Cupido minimus</i> (Small blue)
<i>Lasiommata megera</i> (Wall)	<i>Erynnis tages</i> (Dingy skipper)
<i>Lycaena phlaeas</i> (Small copper)	<i>Euphydryas aurinia</i> (Marsh fritillary)
<i>Maniola jurtina</i> (Meadow brown)	<i>Hamearis lucina</i> (Duke of Burgundy)
<i>Melannargia galathea</i> (Marbled white)	<i>Hesperia comma</i> (Silver-spotted skipper)
<i>Neozephyrus quercus</i> (Purple hairstreak)	<i>Hipparchia semele</i> (Grayling)
<i>Ochlodes venata</i> (Large skipper)	<i>Leptidea sinapis</i> (Wood white)
<i>Pararge aegeria</i> (Speckled wood)	<i>Limenitis camilla</i> (White admiral)
<i>Pieris brassicae</i> (Large white)	<i>Lysandra bellargus</i> (Adonis blue)
<i>Pieris napi</i> (Green-veined white)	<i>Lysandra coridon</i> (Chalkhill blue)
<i>Pieris rapae</i> (Small white)	<i>Melitaea athalia</i> (Heath fritillary)
<i>Polygonia c-album</i> (Comma)	<i>Papilio glaucas</i> (Swallowtail)
<i>Polyommatus icarus</i> (Common blue)	<i>Plebeius argus</i> (Silver-studded blue)
<i>Pyronia tithonus</i> (Gatekeeper)	<i>Pteridium aquilinum</i> (Large heath)
<i>Satyrrium w-album</i> (White-letter hairstreak)	<i>Pyrgus malvae</i> (Grizzled skipper)
<i>Thymelicus sylvestris</i> (Small skipper)	<i>Thecla betulae</i> (Brown hairstreak)
	<i>Thymelicus acteon</i> (Lulworth skipper)