

## APPENDIX 5: KEY SPECIES IN WIGAN

### List and occurrence in Wigan of species recorded in key species groups

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
<b>AMPHIBIANS</b>			
Great crested newt	Bern Convention 1982 Habitats Directive 1992 Habitat Regulations 2010 Wildlife & Countryside Act 1981 UK Biodiversity Action Plan Greater Manchester BAP Wigan BAP	Standing water; Reedbed; Bog; Grasslands; Heath; Woodland and scrub; Ecologically rich field systems.	at least 31  (13%)
Common toad	WCA (partial protection) UKBAP	Standing water; Reedbed; Bog; Grasslands; Heath; Woodland and scrub; Managed Greenspace and gardens; Ecologically rich field systems.	unknown
<b>BATS</b>			
Brown long-eared bat	Bern Bonn Habitats Directive Habitat Regulations WCA UKBAP GMBAP (Bats)	Grasslands; Heath; Ecologically rich field systems; Woodland and scrub; Managed Greenspace and gardens	at least 20  3%

<sup>1</sup> Bird conservation status taken from BTO Bird Facts ([http://www.bto.org/birdfacts/indexa\\_all.htm](http://www.bto.org/birdfacts/indexa_all.htm)) - asterisks indicate that listing is restricted in some way, either to a particular populations or race, or to a particular part of the schedule

<sup>2</sup> Primary habitats for bat species sourced from Bat Conservation Trust species fact sheets ([http://www.bats.org.uk/pages/uk\\_bat\\_species.html](http://www.bats.org.uk/pages/uk_bat_species.html)) and applied to the important habitats within Wigan

<sup>3</sup> Primary habitat preferences for bird species taken from BTO Bird Facts ([http://www.bto.org/birdfacts/indexa\\_all.htm](http://www.bto.org/birdfacts/indexa_all.htm)) and applied to the important habitats within Wigan

<sup>4</sup> Frequency occurrence is the total number of grid squares containing a record for the species, but this may not accurately reflect species occurrence or distribution in the Borough as the review is based upon records and not actual survey across the Borough – absence of a record does not imply absence of a species

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Common pipistrelle bat	Bern Bonn Habitats Directive Habitat Regulations WCA GMBAP (Bats)	Standing water; Reedbed; Bog; Grasslands; Heath; Woodland and scrub; Managed Greenspace and gardens; Ecologically rich field systems	at least 115  49%
Soprano pipistrelle bat	Bern Bonn Habitats Directive Habitat Regulations WCA UKBAP GMBAP (Bats)	Standing water; Reedbed; Bog; Grasslands; Heath; Woodland and scrub; Managed Greenspace and gardens; Ecologically rich field systems	at least 27  11%
Daubenton's bat	Bern Bonn Habitats Directive Habitat Regulations WCA GMBAP (Bats)	Standing water; Reedbed; Water corridor	at least 20  8%
Leisler's bat	Bern Bonn Habitats Directive Habitat Regulations WCA GMBAP (Bats)	Woodland & scrub; Managed Greenspace & gardens	at least 25  11%
Whiskered/ Brandt's bat	Bern Bonn Habitats Directive Habitat Regulations WCA GMBAP (Bats)	Standing water; Reedbed ; Woodland & scrub; Water corridor	at least 6  3%
Natterer's bat	Bern Bonn Habitats Directive Habitat Regulations WCA GMBAP (Bats)	Woodland & scrub; Managed Greenspace & gardens; Agricultural (field systems); Standing water; Water corridor	at least 2  1%
Noctule bat	Bern Bonn Habitats Directive Habitat Regulations WCA UKBAP GMBAP (Bats)	Standing water; Reedbed; Woodland & scrub; Managed Greenspace & gardens	at least 42  18%

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Leisler's bat	Bern Bonn Habitats Directive Habitat Regulations WCA GMBAP (Bats)	Woodland & scrub; Managed Greenspace & gardens	at least 3  1%
Serotine	Bern Bonn Habitats Directive Habitat Regulations WCA GMBAP (Bats)	Agricultural (field systems); Managed Greenspace & gardens; Woodland & scrub	at least 2  1%
<b>BIRDS</b>			
Arctic Skua <sup>\$</sup>	Bern UKBAP	<i>(assumed passage only)</i> Grasslands; Standing water	at least 4  2%
Avocet <sup>\$</sup>	WCA Wild Birds Directive Bern Bonn African-Eurasian Waterbird Agreement Red data category – amber	<i>(assumed passage only)</i> Standing water; Reedbed	at least 4  2%
Barn Owl	Bern CITES WCA GMBAP (Farmland Birds) Red data category – amber	Ecologically rich field systems; Managed Greenspace and gardens; Water corridors	at least 43  18%
Bearded Tit <sup>\$</sup>	WCA Bern Red data category – amber	Reedbed	at least 4  2%
Bittern	Bern Bonn AEWA WBD WCA UKBAP GMBAP Wigan BAP Red data category – red	Standing water; Reedbed; Bog	at least 11  5%

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Black Redstart <sup>§</sup>	Bern Bonn WCA GMBAP Red data category – amber	Urban	at least 4  2%
Black Tern <sup>§</sup>	Bern Bonn WBD AEWA WCA	Grasslands; Standing water	at least 4  2%
Black-necked Grebe	WCA Red data category – amber	Standing water; Reedbed	at least 9  4%
Black-tailed Godwit	Bern Bonn WBD AEWA WCA UKBAP Red data category – red	Grasslands; Standing water; Reedbed	at least 9  4%
Black-throated Diver <sup>§</sup>	Bern Bonn WBD AEWA WCA UKBAP Red data category – amber	Standing water; Reedbed	at least 4  2%
Brambling	Bern WCA	Woodland & scrub	at least 18  8%
Bullfinch	WCA UKBAP GMBAP (Farmland Birds) Red data category – red	Woodland & scrub; Ecologically rich field systems	at least 71  30%
Cetti's Warbler	Bern Bonn WCA	Reedbed; Standing water	at least 2  1%
Common Crossbill	Bern WCA	Woodland & scrub	at least 6  3%

<sup>§</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Common Scoter	Bern Bonn WBD AEWA WCA UKBAP Red data category – red	Standing water	at least 7  3%
Corn bunting	Bern UKBAP GMBAP (Farmland Birds) Red data category – red	Grasslands; Ecologically rich field systems	at least 10  4%
Cuckoo	Bern UKBAP Red data category – red	Woodland & scrub	at least 30  13%
Curlew	Bern Bonn WBD AEWA UKBAP Red data category – amber	Reedbed; Grasslands	at least 25  11%
Dunnoek (Hedge accentor)	Bern WCA UKBAP Red data category – amber	Woodland & scrub; Ecologically rich field systems; Managed Greenspace & gardens	at least 46  19%
Fieldfare	Bern Bonn WBD WCA Red data category – red	Woodland & scrub	at least 48  20%
Firecrest	Bern Bonn WCA Red data category – amber	Woodland & scrub	at least 10  4%
Garganey	Bern Bonn WBD AEWA WCA Red data category – amber	Standing water; Reedbed; Grasslands	at least 10  4%

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Grasshopper warbler	Bern Bonn Red data category – red	Standing water; Reedbed; Grasslands; Heath; Woodland & scrub	at least 43  18%
Great Northern Diver <sup>\$</sup>	Bern Bonn WCA Red data category – amber	Standing water; Water corridor	at least 4  2%
Green Sandpiper	Bern Bonn WCA AEWA Red data category – amber	Standing water; Reedbed; Grasslands	at least 11  5%
Greenshank	Bern Bonn WBD AEWA WCA	Standing water; Reedbed; Grasslands	at least 3  1%
Grey partridge	Bern WBD UKBAP GMBAP (Farmland Birds) Red data category - red	Ecologically rich field systems; Grasslands; Heath	at least 66  28%
Hen Harrier	Bern Bonn WBD CITES WCA Red data category - red	Grasslands; Ecologically rich field systems	at least 5  2%
Herring Gull	WBD UKBAP Red data category - red	Standing water	at least 17  7%
Hobby	Bern Bonn CITES WCA	Grasslands; Ecologically rich field systems	at least 16  7%
Honey-buzzard	Bern Bonn WBD CITES WCA Red data category – amber	Woodland & scrub	at least 1  <1%

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
House sparrow	UKBAP Red data category – red	Managed Greenspace & gardens	at least 54 23%
Kentish Plover <sup>\$</sup>	WCA	<i>(assumed historic records – most likely extinct from the District)</i> Standing water; Water corridor	at least 4 2%
Kingfisher	Bern WBD WCA Red data category – amber	Water corridor	at least 50 21%
Lapwing	Bern Bonn WBD AEWA UKBAP GMBAP (Farmland Birds) Red data category – red	Ecologically rich field systems; Grasslands; Heath; Standing water; Reedbed	at least 69 29%
Leach's Storm-petrel <sup>\$</sup>	Bern WBD WCA Red data category – amber	<i>(assumed passage only)</i> Standing water	at least 4 2%
Lesser Redpoll	Bern UKBAP Red data category – red	Woodland & scrub	at least 40 17%
Lesser Spotted Woodpecker	Bern UKBAP Red data category – red	Woodland & scrub	at least 8 3%
Linnet	Bern WCA UKBAP GMBAP (Farmland Birds) Red data category – red	Ecologically rich field systems Grasslands; Heath; Managed Greenspace & gardens	at least 44 19%
Little Gull <sup>\$</sup>	WCA Bern Red data category – amber	<i>(assumed passage only)</i> Standing water; Grasslands	at least 4 2%
Little Ringed Plover	Bern Bonn WCA AEWA	Standing water; Grasslands	at least 21 9%

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Little Tern <sup>\$</sup>	Bern Bonn WBD AEWA WCA Red data category – amber	Standing water; Water corridor	at least 4  2%
Long-tailed Duck <sup>\$</sup>	Bern Bonn WBD AEWA WCA	Standing open water	at least 4  2%
Marsh Harrier	Bern Bonn CITES WCA Red data category – amber	Reedbed; Grasslands	at least 8  3%
Marsh Tit <sup>\$</sup>	Bern UKBAP Red data category – red	Woodland & scrub; Managed Greenspace and gardens	at least 4  2%
Mediterranean Gull	Bern Bonn WBD AEWA WCA Red data category – amber	Standing water; Reedbed	at least 5  2%
Merlin	Bern Bonn WBD CITES WCA Red data category – amber	Heath; Grasslands; Woodland & scrub	at least 15  6%
Nightjar	Bern WBD GMBAP (Mosslands) Red data category – red	Heath; Grasslands Mosslands	at least 2  1%
Osprey <sup>\$</sup>	Bern Bonn WBD CITES WCA Red data category – amber	Standing water; Water corridor	at least 4  2%
Peregrine Falcon	Bern Bonn WBD CITES WCA	Grasslands; Urban	at least 26  11%

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Quail	Bern Bonn WBD WCA Red data category – amber	Ecologically rich field systems	at least 4  1%
Red-throated Diver <sup>\$</sup>	Bern Bonn WBD WCA AEWA Red data category – amber	Standing water	at least 4  2%
Redwing	Bern Bonn WBD WCA Red data category – red	Woodland & scrub	at least 60  25%
Reed bunting	Bern Appendix 3 WCA Sch 3 Red data category – red UKBAP GMBAP (Farmland Birds)	Standing water; Reedbed; Ecologically rich field systems	at least 63  27%
Ring Ouzel	Bern Bonn UKBAP Red data category – red	Grasslands; Heath	at least 9  4%
Roseate Tern <sup>\$</sup>	Bern Bonn WBD WCA AEWA UKBAP Red data category – red	Standing water	at least 4  2%
Ruff	Bern Bonn WBD WCA AEWA Red data category – red	Standing water; Grasslands	at least 5  2%
Scaup	Bern Bonn WBD WCA AEWA Red data category – red	Standing water	at least 7  3%

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Skylark	Bern WBD UKBAP GMBAP (Farmland Birds) Red data category - red	Ecologically rich field systems Grasslands	at least 59  25%
Slavonian Grebe <sup>\$</sup>	Bern Bonn WBD WCA AEWA Red data category – amber	Standing water; Reedbed; Water corridor	at least 4  2%
Snow Bunting <sup>\$</sup>	Bern WCA Red data category – amber	Grasslands	at least 4  2%
Song thrush	Bern Bonn WBD WCA UKBAP GMBAP (Farmland Birds) Red data category - red	Managed Greenspace & gardens; Woodland & scrub; Ecologically rich field systems	at least 65  27%
Spotted Crane <sup>\$</sup>	Bern Bonn WBD WCA AEWA Red data category – amber	Reedbed; Grasslands	at least 4  2%
Spotted Flycatcher	Bern Bonn UKBAP Red data category – red	Woodland & scrub; Managed Greenspace and gardens	at least 11  5%
Starling	WBD WCA GMBAP (Farmland Birds) Red data category - red	Ecologically rich field systems; Managed Greenspace & gardens; Standing water & reed; Woodland & scrub	at least 72  30%
Temminck's Stint <sup>\$</sup>	Bern Bonn WCA AEWA Red data category – red	Grasslands	at least 4  2%
Tree Pipit	Bern UKBAP Red data category – red	Woodland & scrub	at least 10  4%

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Tree sparrow	Bern UKBAP GMBAP (Farmland Birds) Red data category – red	Ecologically rich field systems; Woodland & scrub	at least 26  11%
Tundra (Bewick's) Swan <sup>\$</sup>	Bern Bonn WBD WCA AEWA UKBAP Red data category - amber	Standing water; Water corridor	at least 4  2%
Turtle Dove <sup>\$</sup>	Bern Bonn WBD UKBAP Red data category – red	Woodland & scrub; Managed Greenspace and gardens	at least 4  2%
Twite <sup>\$</sup>	Bern WCA UKBAP GMBAP Red data category – red	Grasslands; Heath	at least 4  2%
Velvet Scoter <sup>\$</sup>	Bern Bonn WBD WCA AEWA Red data category – amber	Standing water	at least 4  2%
Whimbrel	Bern Bonn WBD WCA AEWA Red data category – red	Grasslands; Heath	at least 13  5%
Whooper Swan	Bern Bonn WBD WCA AEWA Red data category – amber	Standing water; Water corridor	at least 10  4%
Willow tit	Bern UKBAP GMBAP Red data category – red	Woodland & scrub; Standing water & reed; Bog	at least 61  26%

<sup>\$</sup> Bird species denoted with a \$ symbol have been recorded only at Pennington Flash

Species	Conservation Status <sup>1</sup>	Associated Habitat Type in Wigan <sup>2,3</sup>	Frequency occurrence in Wigan (no. grid squares out of 237) <sup>4</sup>
Wood Lark	Bern WBD WCA UKBAP Red data category – amber	Woodland & scrub; Grasslands	at least 1  <0%
Wood Sandpiper <sup>§</sup>	Bern Bonn WBD WCA AEWA Red data category – amber	Standing water; Water corridor Grasslands	at least 4  2%
Wood Warbler	Bern Bonn UKBAP Red data category – red	Woodland & scrub	at least 6  3%
Yellowhammer	Bern WCA UKBAP GMBAP (Farmland Birds) Red data category – red	Ecologically rich field systems; Grassland; Heath 9	at least 14  6%
Yellow wagtail	Bern UKBAP GMBAP (Farmland Birds) Red data category – red	Ecologically rich field systems; Grassland; Heath	at least 59  25%