

# Willow Tit survey – breeding, habitat & species codes

<i>Breeding codes</i>	
S	Singing male present
P	Pair in suitable nesting habitat
T	permanent Territory, evidenced by territorial behaviour (breeding calls or song) in response to the lure recording or another Willow Tit(s)
D	courtship and Display in the breeding season in suitable breeding habitat (use for a mating pair)
A	Agitated behaviour or anxiety calls from adults, suggesting the presence of a nest or young
B	nest Building (e.g. pairs excavating new nesting cavities in dead or rotting wood, typically less than 2m from the ground). Wood chippings may be visible on ground
FL	Recently Fledged young (still dependent on adults e.g. being fed, or begging for food, hunger calls heard)
ON	Adults entering or leaving a nest site in circumstances indicating an Occupied Nest. If a hole is discovered move away to prevent disturbance and <b>do not approach</b>
FF	Adult carrying Faecal sac or Food for young
NY	Nest with Young seen or heard. It is unlikely that nest contents will be visible. If adults are noticed entering or you hear chicks move away immediately in order to prevent disturbance and <b>do not approach</b>

<i>Response codes</i>	
S	Song
C	Calling
A	Agitated behaviour or anxiety calls
N	None

<i>Other birds present</i>					
B.	Blackbird	GS	Great Spotted Woodpecker	LT	Long-tailed Tit
BT	Blue Tit	GT	Great Tit	R.	Robin
CC	Chiffchaff	LS	Lesser Spotted Woodpecker	SH	Sparrowhawk
CH	Chaffinch	LE	Long-eared Owl	WW	Willow Warbler

<i>Habitat codes</i>					
Habitat structure (select 1 per point)			Habitat category (select up to 2 per point)		
A	Low scrub, shrubs and managed hedgerows (1.5m to 3m)		A	Linear features (e.g. hedges, tree lines, thin strips of woodland, railway embank')	
B	Tall hedges, bushes, scrub and young trees (3m to 6m)		B	Semi-natural scrub	
C	Trees and woodland edge (>6m)		C	Young plantation (<5m high)	
			D	Plantation woodland	
			E	Semi natural woodland (>5m high)	

<i>Primary canopy (&gt;5m) main species</i>					
Al	Alder	Ha	Hawthorn	Ro	Rowan
As	Ash	La	Larch	Oa	Oak
Ap	Aspen	Li	Lime	SC	Sweet Chesnut
Be	Beech	HC	Horse Chesnut	Sy	Sycamore
Bi	Birch	FM	Field Maple	Ye	Yew
BC	Bird Cherry	Ma	Maple	CW	Crack Willow
Ch	Cherry	Pi	Pine	Go	Goat Willow
Co	Conifer	Pl	Plane	Gr	Grey Willow
Ed	Elder	Po	Poplar sp.	WW	White Willow
Em	Elm	Wp	White Poplar	Wi	Willow sp.

<i>Understorey (2-5m) main species</i>					
Bl	Blackthorn	Ho	Holly	Go	Goat Willow
Ed	Elder	Rh	Rhododendron	Gr	Grey Willow
Ha	Hawthorn	Ro	Rowan		
Hl	Hazel	Rs	Rose		

<i>Ground cover main species</i>					
Bb	Bluebell	Gr	Grasses	Mo	Mosses
Bk	Bracken	HB	Himalayan Balsam	Ra	Ramsons (wild garlic)
Br	Bramble	Iv	Ivy	Se	Sedges
Fe	Ferns	Ne	Nettles	Wi	Willowherb Sp.

<i>Open ground habitats within the 200m<sup>2</sup> (see habitat photo guide)</i>					
B	Grassland and marsh	E2	Flushes and springs		
C	Tall herb and fen	F1	Swamp		
D	Heathland	F2	Marginal and inundation		
E	Mire (including bogs and fens)	J1	Arable / cultivated ground		

<i>Open water type and distance in the 200m<sup>2</sup></i>					
<i>Code</i>	<i>Type</i>	<i>Max dimensions</i>		<i>Area (ha)</i>	<i>Max area (m<sup>2</sup>)</i>
SP	Small pond	<10m x 10m or 20m x 5m		<0.1 ha	<1000
LP	Large pond	200m x 100m or 400m x 50m		0.1 - 2.0 ha	20,000
SL	Small lake	500m x 100m or 200m x 250m		>2.0 - 5.0 ha	50,000
LL	Large lake			>5.0 ha	
LR	Lined reservoir				
GP	Gravel / sand pit				
DI	Ditch with water <2m wide				
S	Brook or stream < 3m wide				
RI	River > 3m wide				
CA	Canal > 2m wide				

END OF INFORMATION