

Carbon Landscape Spring Bitterns Survey



Recorder name(s)				Survey Point Grid Reference e.g. SD 5815 0385	
Site name					
Date e.g. 05/01/2018		Start time e.g. 10:15 hrs		End time e.g. 12:15 hrs	

Weather conditions

Ice cover %		Wind (Beaufort scale)		Precipitation (none / light / heavy)	
Visibility (good / moderate / poor)		Glare (none / moderate / intense)			

Bittern observations - record below and mark estimated locations on survey map

Time e.g. 06:50	Count	Record type (sound / visual)	Activity (see codes below)	Flight direction

Please tick if no Bitterns heard or seen

Bittern activity codes

Code	Activity	Code	Activity	Code	Activity
BO	Booming	FI	Flying into reedbed	OV	Flying over
FE	Feeding	FT	Flying out of reedbed	RO	Roosting

Additional reedbed species

Species code	Count	Breeding evidence code	Comments














Additional reedbed species

Code	Birds	Code	Mammals	Code	Reptiles
CW	Cetti's Warbler	OT	Otter	AD	Adder
GH	Grasshopper Warbler	RE	Red Deer	GS	Grass Snake
H.	Grey Heron	RO	Roe Deer	VL	Viviparous Lizard
LG	Little Grebe	Mu	Muntjac Deer		
LE	Long-eared Owl	DO	Deer (other species)		
MR	Marsh Harrier	WV	Water Vole		
RB	Reed Bunting				
RW	Reed Warbler				
SW	Sedge Warbler				
SE	Short-eared Owl				
SN	Snipe				
WA	Water Rail				

Breeding evidence codes

↗	Flying over		
S	<u>S</u> inging male	DD	<u>D</u> istraction- <u>D</u> isplay or injury feigning
P	<u>P</u> air in suitable nesting habitat	UN	<u>U</u> sed <u>N</u> est or eggshells from this season
T	Permanent <u>T</u> erritory (defended over 1+ week)	FL	Recently <u>F</u> ledged young or downy young
D	Courtship and <u>D</u> isplay (e.g. pair mating)	ON	Adults entering/leaving nest-site, or sitting
N	Visiting probable <u>N</u> est site	FF	Adult carrying <u>F</u> aecal sac or <u>F</u> ood for young
A	<u>A</u> gitated behaviour (indicating nest or young)	NE	<u>N</u> est containing <u>E</u> ggs
B	Nest <u>B</u> uilding or excavating nest-hole	NY	<u>N</u> est with <u>Y</u> oung seen or heard

Beaufort Scale

Beaufort number	Wind Speed (mph)	Seaman's term		Effects on Land
0	Under 1	Calm		Calm; smoke rises vertically.
1	1-3	Light Air		Smoke drift indicates wind direction; vanes do not move.
2	4-7	Light Breeze		Wind felt on face; leaves rustle; vanes begin to move.
3	8-12	Gentle Breeze		Leaves, small twigs in constant motion; light flags extended.
4	13-18	Moderate Breeze		Dust, leaves and loose paper raised up; small branches move.
5	19-24	Fresh Breeze		Small trees begin to sway.
6	25-31	Strong Breeze		Large branches of trees in motion; whistling heard in wires.
7	32-38	Moderate Gale		Whole trees in motion; resistance felt in walking against the wind.
8	39-46	Fresh Gale		Twigs and small branches broken off trees.
9	47-54	Strong Gale		Slight structural damage occurs; slate blown from roofs.
10	55-63	Whole Gale		Seldom experienced on land; trees broken; structural damage occurs.
11	64-72	Storm		Very rarely experienced on land; usually with widespread damage.
12	73 or higher	Hurricane Force		Violence and destruction.

END OF INFORMATION