

### G3: GUIDANCE FOR FILLING IN FORM F1 (SUMMARY HABITAT & MANAGEMENT DETAILS FOR BUTTERFLY TRANSECTS)



Thank you for volunteering to complete recorder, habitat and management details of your transect on the UKBMS Form F1.

These notes have been produced to help you fill in this form, so that we can make full use of the transect data you collect for nature conservation purposes. To complete Form F1, you will also need UKBMS Guidance Note G4: Habitat Classification to hand. The last page of this guidance document contains a filled in example of the F1 Form.

All UKBMS forms and guidance notes are available from Butterfly Conservation (✉ Manor Yard, East Lulworth, Dorset, BH20 5QP, [transect@butterfly-conservation.org](mailto:transect@butterfly-conservation.org), ☎ 0870 7744309. These can also be downloaded from the UK Butterfly Monitoring Scheme website ([www.ukbms.org](http://www.ukbms.org)) or the Butterfly Conservation website ([www.butterfly-conservation.org](http://www.butterfly-conservation.org)).

<b>SITE NAME</b>
Please use a recognised site name, as used on Ordnance Survey (OS) maps, or in the OS Gazeteer of Great Britain, rather than local or self-titled site names.
<b>OS GRID REFERENCE</b>
Ordnance Survey Grid Reference. Ideally a 6-figure grid reference is given, located at or near to the mid-point of the transect. e.g. SY111222
<b>OVERALL HABITAT DESCRIPTION</b>
<p>This box aims to give us information about the main habitats present at the site.</p> <p>In the first instance, describe the main/primary habitat type (vegetation) present. If any other habitats are present, there is space to describe one other - the secondary habitat present.</p> <p>Describe habitats in terms of vegetation and land-cover rather than land-use. For example, if the site is a disused quarry describe the habitat in terms of the vegetation present e.g. flower-rich chalk grassland, scrub, or woodland etc. Describe the site as a disused quarry in the land-use box overleaf.</p> <p>Habitats should be classified with reference to the UKBMS Habitat Classification (<b>Guidance Note G4</b>) devised by BC and the Centre for Ecology &amp; Hydrology.</p> <p>Example: 'Bracken hillside with Gorse scrub'. Bracken is the primary habitat, and scrub, the secondary.</p>
<b>HAB. CODE(S)</b>
<p>Enter the UKBMS habitat code(s) for the habitat(s) described above, putting the primary habitat code (s) first. See <b>Guidance Note G4</b>.</p> <p>Example (from Overall Habitat Description): Code 20            Bracken dominated hillside Code 22            Gorse scrub</p>
<b>LAND USE</b>
<p>Use this Section to tell us if your transect is located on a disused industrial site. Four categories are given - tick one box only.</p> <p>'Other' disused industrial sites can be described in the 'TARGET NOTES' box.' Examples include storage depot, tip, landfill site, spoil heap and canal.</p>

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## SITE CONSERVATION STATUS

List the conservation status of the site or describe as 'Not known'. Continue description in the 'TARGET NOTES' box if you run out of space.

Conservation Status possibilities include:

Name	Code
National Nature Reserve	NNR
Site of Special Scientific Interest	SSSI
Local Nature Reserve -	LNR
Wildlife Trust County Wildlife Site	CWS
National Trust holding	NT
RSPB Reserve	RSPB
Butterfly Conservation Reserve	BC
Wildfowl & Wetlands Trust Reserve	WWT
Forest Commission Woodland Grant Scheme	WGS
Environmental Stewardship Agreement	ES

Describe any others not listed above.

## TYPE OF RECORDER

Select the type of recorder who walks the transect from one of the following:

- BC Butterfly Conservation volunteer
- V another type of volunteer e.g. a wildlife trust voluntary warden
- W paid warden e.g. English Nature, RSPB, National Trust etc
- M or any combinations of the above

## RECORDER DETAILS

Name of either the sole recorder, or the main recording contact if more than one recorder walks the transect. Full details of all recorders who walk the transect can be submitted via Butterfly Conservation's Transect Walker™ software.

## OWNER DETAILS

Describe name and address of the owner. Where applicable, include organisation of the owner in the address. Examples include:

Owner affinity	Code
Countryside Council for Wales	CCW
English Nature	EN
Scottish Natural Heritage	SNH
Ministry of Defence	MOD
Forestry Commission (formerly Forest Enterprise)	FC
Royal Society of the Protection of Birds	RSPB
National Trust	NT
Name of Local Authority	
Name of National Park Authority	

Describe any others not listed above

## SITE MAP

Ideally site maps will be traced from an OS map. Maps should be to a scale to which will enable habitat and management compartments to be mapped (preferably 1:10000 - 1:25000). Note at 1:10000 scale, 1cm=100m

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## SITE MAP (continued)

On your site map please remember to include the following:

- The scale
- Numbered transect sections, with the start and end of each section clearly visible
- Ordnance Survey 1Km northing and easting grid lines, with grid line references (e.g. SY83)
- Transect section and surrounding habitats clearly labelled
- Reference to nearby landmarks or places, to help us locate the site, if it is remote
- North arrow to indicate direction of map

## TARGET NOTES

Space is given here to include a range of information, which may help us to build up a better picture of your site. Examples of extra information that may be of use include:

- Details of site habitat vegetation (e.g. dominant species)
- Brief description of surrounding habitats, land-use and management (especially if they are thought to influence butterflies seen on the transect)
- Details of site management - e.g. if the site is grazed, describe the timing of grazing, breed of animal and stocking density (no. livestock units per hectare of each grazing compartment)
- List of transect walkers if the site is walked by more than one person
- Notes on other butterfly species, which may occur in the area. This may help us to interpret butterfly changes at the site

## TRANSECT SECTION DETAILS

For each section record:

- Section number
- The grid reference located at or near to the mid-point of the section
- The length of the section in metres
- Text description (in your own words) of the habitat types present along the section
- The codes of up to four habitat types present, with reference to BC/CEH habitat classification. Put the primary habitat code first, next main habitat type second etc. Include habitats within 10m either side of the transect line, as these are likely to influence the number and variety of butterflies that you see
- Text description (in your own words) of habitat management undertaken along the section.
- The codes of up to four management types carried out (see Habitat Management Classification below). Put the primary management code first, and any subsequent management activities in order of frequency and importance, e.g. next main management type second etc. Include management activities within 10m either side of the transect line, as these are likely to influence the number and variety of butterflies that you see.

### UKBMS Habitat Management Classification:

Activity	Code
Grazing by livestock	M1
Burning	M2
Cutting woody vegetation	M3
Mowing	M4
Spraying	M5
Fertilising	M6
Ploughing	M7
Bulldozing	M8
Tipping	M9
Quarrying	M10
Vehicular/machinery disturbance	M11
Drainage	M12
Other	M13

See overleaf for a filled in example of the F1 Transect Details Form. Copies of completed forms should be sent to the UKBMS and held locally. Full details of new transects can also be set up online at [www.ukbms.org/mydata](http://www.ukbms.org/mydata).

# EXAMPLE F1: BUTTERFLY TRANSECT DETAILS FORM

## DETAILS OF RECORDER, HABITAT, MANAGEMENT & ROUTE MAP

SITE NAME	Lulworth Lake			COUNTY	Dorset		
OS GRID REF. (6 FIG.)	SY860835	OS MAP NO. (1:50 000)	194	YEAR TRANSECT ESTABLISHED	1999		
TRANSECT LENGTH (M)	1800	TRANSECT WIDTH (m) (tick one)	5	<input checked="" type="checkbox"/>	6	<input type="checkbox"/>	10
				<input type="checkbox"/>		OTHER	
OVERALL HABITAT DESCRIPTION	Improved pasture and lake margins				HAB. CODE(S)	18, 25	
LAND USE (if the transect is on a disused industrial site indicate type)	RAILWAY	<input type="checkbox"/>	QUARRY	<input type="checkbox"/>	PIT/MINE	<input type="checkbox"/>	OTHER (add to notes)
SITES CONSERVATION STATUS	None			TYPE OF RECORDER	BC		
RECORDER DETAILS	Tom Brereton, 20 Mill Street, Puddletown, Dorset. DT2 8SH. 01305 848447 + see below						
OWNER DETAILS	Weld Estate, Weld Estate Office, East Lulworth. Dorset.						

**SITE MAP:** 1:10 000 or 1:12 500 photocopy based on an OS map, showing scale and sections

**TARGET NOTES**

Main plant species along 5 are Willow spp., Bramble, Blackthorn & Rhododendron

Main plant species along 7 are Rhododendron & Lesser Pond-sedge

Broad-leaved trees especially Beech border edge of conifer plantation along 11 & 12. Main species are Beech, Hawthorn & Nettle.

Fields are grazed periodically by sheep and dairy cattle at high stocking densities. Maize is grown in field west of 5.

Surrounding woods have Silver-washed Fritillary and White Admiral. Other nearby species are Dark Green Fritillary (2km) and Silver Studded Blue (<0.5km).

Other recorders from Butterfly Conservation office include Katherine Whitfield & Sally Small.

**SECTION DETAILS:**

Section Number	Grid Ref.	Length (m)	HABITAT		MANAGEMENT	
			Description/notes & main species	Code(s)	Description/notes	Code
1	SY856833	140	Improved pasture -Rye grass	18	Summer cattle grazing	M1
2	SY857834	140	Tree line, ride & unmanaged hedge - Hawthorn/Oak	29, 25	Occasional tree surgery	M3
3	SY859835	125	Tree line, ride & unmanaged hedge - Hawthorn/Oak	29, 25	Occasional tree surgery	M3
4	SY859836	100	Improved pasture & managed hedge -Hawthorn/Rye grass	18, 25	Seasonal cattle/sheep & hedge cutting	M1, M2
5	SY860837	225	Semi-imp. Pasture, tree line, & lake-side carr/Willow	17, 29, 24	Cattle/sheep grazing all seasons	M1
6	SY861839	175	Improved pasture & tree-lined lake margin - Birch/Rye	18, 29	Cattle/sheep & summer mowing	M1
7	SY862839	150	Scrubby chalk bank and lakeside swamp/fen vegetation	40, 10	Periodic clearance of Rhododendron	M3
8	SY862838	150	Improved pasture and a few lakeside trees	18	Cattle/sheep & summer mowing	M1
9	SY862837	150	Improved pasture -Rye grass	18	Cattle/sheep grazing all seasons	M1
10	SY861835	210	Improved pasture -Rye grass	18	Cattle/sheep grazing all seasons	M1
11	SY861833	135	Wide ride, managed hedge & conifer plantation edge	30, 27, 25	Annual hedge cutting	M3
12	SY859832	110	Wide ride, managed hedge & conifer plantation edge	30, 27, 25	Annual hedge cutting	M3
13						
14						
15						