

Definitions of Favourable Condition for designated features of interest



These definitions relate to all designated features on the SSSI, whether designated as SSSI, SPA, SAC or Ramsar features.

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Name of Site of Special Scientific Interest (SSSI)	
South Dartmoor	
Names of designated international sites	
Special Area for Conservation (SAC)	Dartmoor
Special Protection Area (SPA)	Not applicable
Ramsar	Not applicable
Relationship between site designations	
Dartmoor SAC comprises three SSSIs North Dartmoor, South Dartmoor and East Dartmoor. Within South Dartmoor SSSI the European (SAC) and National (SSSI) designations cover almost the same area.	

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Definitions of Favourable Condition: notes for users

Definitions of Favourable Condition

The definitions comprise one or more condition definitions for the special interest features at this site. These are subject to periodic review and may be updated to reflect new information or knowledge. They will be used by Natural England to determine if a site is in a favourable condition. The standards for favourable condition have been developed and are applied throughout the UK.

Standards for favourable condition are defined with particular reference to the specific designated features listed in Table 1, and are based on a selected set of attributes for features which most effectively define favourable condition as set out in Tables 2, 2a and 3. When an SSSI's features meet these attributes, then they are said to be in 'favourable condition'.

Explanatory text for Tables 2 and 3

Tables 2, 2a and 3 set out the measures of condition which we will use to provide evidence to support our assessment of whether features are in favourable condition. They have been tailored by local staff to reflect the particular characteristics and site-specific circumstances of individual sites. Quality Assurance has ensured that such site-specific tailoring remains within a nationally consistent set of standards. The tables include an audit trail to provide a summary of the reasoning behind any site-specific targets etc. In some cases the requirements of features or designations may conflict; the detailed basis for any reconciliation of conflicts on this site may be recorded elsewhere.

Use under the Habitats Regulations

The Definitions of Favourable Condition (DFCs) are used to periodically measure and assess the condition of both notified SSSI features and designated European Site features.

Where SSSIs also form part of a European Site (such as a SAC or SPA), a separate document containing specific European Site Conservation Objectives will have been prepared. These objectives are those referred to in the Conservation of Habitats and Species Regulations 2010 (the "Habitats Regulations") and the Habitats Directive 1992. They are for use when either the appropriate nature conservation body or a competent authority is required to make an 'appropriate assessment' of the likely effects of a proposed plan or project on the integrity of a European Site under the relevant parts of the respective legislation. The European Site Conservation Objectives are available at www.naturalengland.org.uk.

The concepts of 'site integrity' and 'favourable condition' are similar and the assessment of a feature's condition will measure attributes that also represent aspects of a site's ecological integrity. However, the periodic determination of a feature's condition is separate from a judgement about the effect upon a site's overall integrity. This is because the DFCs do not represent a comprehensive or definitive list of all of the elements that might contribute to site integrity, merely those that are most appropriate to monitor in order to rapidly determine the present condition of a feature. The full range of factors that are components of a site's integrity, and which may need to be considered by an appropriate assessment, will be specified in the European Site Conservation Objectives. Some of the information contained within the DFCs may however contribute to such assessments.

Table 1 Individual designated interest features

BAP Broad Habitat type / Geological Site Type	Specific designated features	Explanatory description of the feature for clarification	SSSI designated interest features	SAC designated interest features	SPA bird populations dependency on specific habitats			Ramsar criteria applicable to specific habitats			
					Annex 1 species	Migratory species	Waterfowl assemblage	1a Wetland characteristics	2a Hosting rare species &c	3a 20000 waterfowl	3c 1% of population
Acid Grassland - upland	U3 - <i>Agrostis curtisii</i> grassland U4 - <i>Festuca ovina</i> - <i>Agrostis capillaris</i> - <i>Galium saxatile</i> grassland U5 - <i>Nardus stricta</i> - <i>Galium saxatile</i> grassland	Upland dry acidic grassland. Often dominated by more palatable grass species such as <i>Festuca ovina</i> except the <i>Nardus</i> community. Usually with <i>Galium saxatile</i> and <i>Potentilla erecta</i>	*								
Bogs	SAC feature = 7130 Blanket bogs M17 - <i>Scirpus cespitosus</i> - <i>Eriophorum vaginatum</i> blanket mire M21 - <i>Narthecium ossifragum</i> - <i>Sphagnum papillosum</i> mire M25 - <i>Molinia caerulea</i> - <i>Potentilla erecta</i> mire	Blanket bog and valley mire. Blanket bog typically found on flatter areas above 450m contour usually with over 50cm peat depth but often on deep peat up to 7m. Valley mires typically found in valley bottoms or depressions. Sometimes <i>Molinia</i> dominated where old peat cuttings or frequent burning have damaged the hydrology.	*	*							

BAP Broad Habitat type / Geological Site Type	Specific designated features	Explanatory description of the feature for clarification	SSSI designated interest features	SAC designated interest features	SPA bird populations dependency on specific habitats			Ramsar criteria applicable to specific habitats			
					Annex 1 species	Migratory species	Waterfowl assemblage	1a Wetland characteristics	2a Hosting rare species &c	3a 20000 waterfowl	3c 1% of population
Bogs	SAC feature = 7130 Blanket bogs M6 - <i>Carex echinata</i> - <i>Sphagnum recurvum</i> (fallax) / <i>auriculatum</i> (denticulatum) mire M4 - <i>Carex rostrata</i> - <i>Sphagnum recurvum</i> (fallax) mire	Short sedge acidic fen and swamp, usually seen as very wet <i>Sphagnum</i> rich communities with high <i>Carex</i> component around pools, along stream edge or around spring flushes.	*	*							
Dwarf shrub heath - upland	SAC feature = 4030 European dry heaths H4 - <i>Ulex gallii</i> - <i>Agrostis curtisii</i> heath H8 - <i>Calluna vulgaris</i> - <i>Ulex gallii</i> heath H10 - <i>Calluna vulgaris</i> - <i>Erica cinerea</i> heath H12 - <i>Calluna vulgaris</i> - <i>Vaccinium myrtillus</i> heath H18 <i>Vaccinium myrtillus</i> – <i>Deschampsia flexuosa</i> heath	Dry dwarf shrub heathland as part of a mosaic with acid grassland. Can be present in either a 'wet' or dry form. The wet form being easily distinguished by <i>Sphagnum</i> species and a higher frequency of <i>Erica tetralix</i>	*	*							
	SAC Feature = 4010 Northern Atlantic wet heaths with <i>Erica tetralix</i> M15 - <i>Scirpus cespitosus</i> - <i>Erica tetralix</i> wet heath	Wet dwarf shrub heath with <i>Erica tetralix</i> and <i>Sphagnum</i> in a mosaic with dry heath, acid grassland and bogs	*	*							

BAP Broad Habitat type / Geological Site Type	Specific designated features	Explanatory description of the feature for clarification	SSSI designated interest features	SAC designated interest features	SPA bird populations dependency on specific habitats			Ramsar criteria applicable to specific habitats			
					Annex 1 species	Migratory species	Waterfowl assemblage	1a Wetland characteristics	2a Hosting rare species &c	3a 20000 waterfowl	3c 1% of population
Fen, marsh and swamp	M4 - Carex rostrata - Sphagnum recurvum (fallax) mire M6 - Carex echinata - Sphagnum recurvum (fallax) /auriculatum (denticulatum) mire M29 - Hypericum elodes - Potamogeton polygonifolius soakway	Bogs, soakaways and sumps, usually seen as very wet Sphagnum rich communities around pools, along stream edge or around spring flushes with a high component of Carex species and Potamogeton.	*								
Finite Buried Interest	Quaternary of South West England	Blacklane Brook. Paleocological pollen record in peat substrate.	*								
Rivers and Streams	1355 Otter	Population on many rivers arising in the SSSI.		*							
	1106 Atlantic salmon	Population on many rivers arising in the SSSI.		*							

Table 2 Habitat extent objectives

Extent - Dynamic balance	To maintain the designated features in favourable condition, which is defined in part in relation to a balance of habitat extents (extent attribute). Favourable condition is defined at this site in terms of the following site-specific standards.
	On this site favourable condition requires the maintenance of the extent of each habitat type (either designated habitat or habitat supporting designated species). Maintenance implies restoration if evidence from condition assessment suggests a reduction in extent.

Habitat Feature (BAP Broad Habitat level, or more detailed level if applicable)	Estimated extent (ha) and date of data source/estimate	Site Specific Target range and Measures		Comments
		Measure	Target	
Criteria feature	UPDATE			Comments
Acid grassland – upland NVC U3, U4, U5	1358ha	Field comparison with baseline map of features, or occurrence of feature at sample points on a systematic sample grid.	There should be no measurable decline in the area of the feature.	Applies to SSSI-grade examples of U3, U4 and U5, not necessarily to areas of degraded heath
Bogs, blanket bogs and valley mire NVC M16, M17, M21, M25	1035ha hompson Ecology and NE surveys 2013	Field comparison with baseline map of feature, or recording of location and number of individual patches if the feature is fragmented into very small patches (the last may be all that is practical for Rhynchosporion hollows).	There should be no measurable decline in the area of the feature.	
Fen, marsh and swamp, short sedge acidic fen and swamp NVC M4, M6	106ha Thompson Ecology and NE surveys 2013	Field comparison with baseline map of feature, or recording of location and number of individual patches if the feature is fragmented into very small patches.	There should be no measurable decline in the area of the feature.	
Bogs, soakway and sump (upland) NVC M29	1ha Thompson Ecology and NE surveys 2013	Field comparison with baseline map of feature, or recording of location and number of individual patches if the feature is fragmented into very small patches.	There should be no measurable decline in the area of the feature.	Foxtor Mire unit

Habitat Feature (BAP Broad Habitat level, or more detailed level if applicable)	Estimated extent (ha) and date of data source/estimate	Site Specific Target range and Measures		Comments
Dwarf-shrub heath – upland, dry NVC H4, H8, H10, H12, H18	1276ha Thompson Ecology and NE surveys 2013	Field comparison with baseline map of features.	There should be no measurable decline in the area of the feature.	Qualifiers: Exclude recently burned ground
Bracken, NVC U1e, U3, U4a, U4c, U4/20-related (species-rich bracken)	359ha Thompson Ecology and NE surveys 2013	Total area mapped in relation to baseline	No loss without prior consent	recoverable reduction = unfavourable; non-recoverable reduction = partially destroyed
Dwarf shrub heath – upland, wet NVC M15	2316ha Thompson Ecology and NE surveys 2013	Field comparison with baseline map of features.	There should be no measurable decline, in the area of the feature.	

Audit Trail
Rationale for habitat extent attribute (Include methods of estimation (measures), and the approximate degree of change which these are capable of detecting).
No baseline data exists for this site. The extent of the habitats was not established at SSSI notification or re-notification. Data exists for the SAC habitat areas, i.e. the SAC lists proportions of the SAC area that are covered by the notified habitats. However, the SAC comprises 3 component SSSIs, South Dartmoor being one of them. The SAC data is not useful, therefore, in establishing a baseline extent for the notified habitats for South Dartmoor. Site surveys were undertaken by Thomson Ecology and NE staff during 2013 and the extent estimate is derived from mapping carried out during those surveys.
Habitats were surveyed using a JNCC Phase 2 habitat survey methodology. Accuracy of the mapping is to 1ha minimum stand size. Stands less than 1ha were mapped, where appropriate, as mosaics with other habitats.
Balance of the SSSI area not listed as one of the notified habitat feature types is classed as site fabric.
Rationale for site-specific targets (including any variations from generic guidance)
Other Notes

Table 2a Species population objectives

Population balance	To maintain the designated species in favourable condition, which is defined in part in relation to their population attributes. Favourable condition is defined at this site in terms of the following site-specific standards.
	On this site favourable condition requires the maintenance of the population of each designated species or assemblage. Maintenance implies restoration if evidence from condition assessment suggests a reduction in size of population or assemblage.

Species Feature (species or assemblage)	List supporting BAP Broad Habitats	Population Attribute (e.g. presence/absence, population size or assemblage score)	Site Specific Target range and Measures (specify geographical range over which target applies i.e. site, BAP broad habitat or more specific)		Comments	
			Measure	Target	Comments	Use for CA?
Criteria feature		Attribute term in guidance				
Atlantic Salmon (<i>Salmo salar</i>)	Rivers and streams	Adult run	Fish counters where available Rod catch data	Total run size at least matching an agreed reference level, including a seasonal pattern of migration characteristic of the river and maintenance of the multi-sea-winter component.	Comprehensive guidance on determining favourable condition in relation to adult salmon population parameters can be obtained in *Cowx, 2002. Need to establish baseline	Yes
Otter	Rivers and streams	Otter population – inland waterways	Presence/absence	Otters present on site.	Only SAC feature	Yes

Audit Trail

Rationale for species population attributes

(Include methods of estimation (measures), and the approximate degree of change which these are capable of detecting).

Data on adult population run of Atlantic salmon are sparse and inconclusive. Survey data presented in Environment Agency Waterbody Information Packs (2011) shows that Salmon are present in some watercourses but at a very low level. The surveys focus on whole waterbodies which arise in the SAC rather than the parts that are within designated sites making the data for SAC populations difficult to assess. More targeted survey data would be useful and should be sought in the future.

Data on Otter population size are sparse. Similar to the comments on Salmon data Otter population size within the SAC has not been assessed specifically. Survey data should be sought in the future.

Rationale for site-specific targets (including any variations from generic guidance)
Other Notes

Table 3 Site specific Habitat/geological condition objectives

Table 3a. To maintain the **acid grassland (upland)** at South Dartmoor SSSI in favourable condition, with particular reference to relevant specific designated interest features. Favourable condition is defined at this site in terms of the following site-specific standards:

Site-specific details of any geographical variation or limitations (where the favourable condition standards apply)

Site-specific standards defining favourable condition

Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
Acid grassland (upland) U3 - <i>Agrostis curtisii</i> grassland	Physical structure — indicators of litter, and of ground disturbance due to herbivore and human activity.	Assess against visual estimate at 1 m ² scale.	The percentage of the ground cover for which dead plant litter forms a “thatch” or “felt”, in patches more than 2 cm across, should be less than 10%.	Exclude bare ground or bare rock. Exclude dead leaves which are mostly upright, and scattered litter which does not form a “thatch” or “felt”.	Yes
U4 - <i>Festuca ovina</i> - <i>Agrostis capillaris</i> - <i>Galium saxatile</i> grassland U5 - <i>Nardus stricta</i> - <i>Galium saxatile</i> grassland U4/20 - U4/20-related species rich bracken	Physical structure — indicators of litter, and of ground disturbance due to herbivore and human activity.	Assess in the following two ways: (a) for diffuse/scattered disturbance of the ground, not on clearly defined paths or tracks, by visual estimate at 4 m ² scale; and (b) for distinct and clearly defined paths and tracks (exclude constructed tracks) by visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 10% of the ground cover should be disturbed bare ground.	Disturbed bare ground is where a substrate of bare humus, bare peat, bare mineral soil, bare gravel, or soil covered only by an algal mat, has its surface broken and imprinted by hoof marks, wallows, human foot prints, or vehicle and machinery tracks. The emphasis is on ‘disturbed’ rather than ‘bare’. Failure of this target should also be recorded if any evidence of this is found while walking between sample locations.	Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
	Vegetation composition — cover of invasive, “weedy” species or species that are undesirable when over-abundant.	Assess at two scales, and should be met at both scales: a) Against a visual estimate at 1 m ² ; and b) Against visual estimate for as much of the feature as is visible while standing at a sample location	Less than 10% of vegetation cover should consist of <i>Juncus effusus</i>		Yes
	Vegetation composition — cover positive indicators	Assess against visual estimate at 1 m ² scale.	At least 4 positive indicator species from the following list should be present: <i>Galium saxatile</i> , <i>Potentilla erecta</i> , <i>Rumex acetosella</i> , <i>Anthoxatum odoratum</i> , <i>Festuca ovina</i> , <i>Agrostis capillaris</i> , <i>Pluerozium schreberi</i> , <i>Agrostis curtisii</i> , <i>Nardus stricta</i> .		Yes
	Vegetation composition — cover of non-invasive species.	Assess against visual estimate at 1 m ² scale.	More than 10% of the vegetation cover should consist of forbs.		Yes
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 1% of vegetation cover should be made up of non-native species.		Yes
			Less than 10% of vegetation cover should be made up of bracken and/or scattered native trees and scrub.	Except in areas of U4/U20 related species rich grassland under Bracken canopy.	Yes
	Vegetation composition — indicators of current grazing.	Assess against visual estimate at 1 m ² scale.	The percentage of vegetation cover made up of <i>Juncus squarrosus</i> and/or <i>Rhytidiadelphus squarrosus</i> should be less than 33%.		Yes
		Assess against visual estimate at 1 m ² scale. If a moss layer is present the height of the leaf tips should be estimated from the upper surface of the moss, otherwise from the upper surface of the soil or plant litter. Assess sward height between any <i>Nardus</i> and <i>Agrostis curtisii</i>	At least 25% of the live leaves and/or flowering shoots of vascular plants should be more than 5 cm above the ground surface, and at least 25% should be less than 5 cm above the ground surface.	Exclude grass inflorescences.	Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
		tussocks.			

Audit Trail
Rationale for limiting standards to specified parts of the site
Standards apply only to those areas mapped as Upland Acid Grassland of relevant NVC in Annex 1 Maps 1-4. There is no evidence that the Acid Grassland feature was present at other locations since notification. More species poor communities not conforming to the feature types are treated as site fabric.
Rationale for site-specific targets (including any variations from generic guidance)
Most of Dartmoor's acid grassland is relatively species-poor, though areas of herb-rich grassland do exist. There are extensive areas which mingle with subalpine dry dwarf shrub heath in a mosaic, where it is likely that the acid grassland has been created through over-grazing or burning of the heath at some point in the past.
Rationale for selection of measures of condition (features and attributes for use in condition assessment) (The selected vegetation attributes are those considered to most economically define favourable condition at this site for the broad habitat type and any dependent designated species).
The targets are based on CSM guidance for Upland Acidic Grasslands (2009) These measures have been selected to reflect the local character of the Acid Grassland feature using results from previous condition assessments and notification documents.
Invasive 'weedy' species such as <i>Cirsium</i> spp., <i>Urtica dioica</i> and large docks have never been found to be a problem at this site so that generic target is not used for assessing condition and has been removed.
Other Notes
Variations from the generic guidance agreed with Upland Specialist November 2014

Table 3b. To maintain the **Bogs at South Dartmoor SSSI** in favourable condition, with particular reference to relevant specific designated interest features. Favourable condition is defined at this site in terms of the following site-specific standards:

Site-specific details of any geographical variation or limitations (where the favourable condition standards apply)

Standards apply to areas mapped as BAP Broad Habitat Bog of relevant NVC community types as shown on maps in Annex 1

Site-specific standards defining favourable condition

Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
Blanket bog and valley bog (upland) M16 - Erica tetralix - Sphagnum compactum wet heath M17 - Scirpus cespitosus - Eriophorum vaginatum blanket	Vegetation composition — frequency of indicator species.	Assess against visual estimate at 4 m2 scale. Score each Sphagnum sp. separately.	At least 4 indicator species should be present: Positive indicator species are: Calluna vulgaris, Drosera spp., Erica spp., Eriophorum angustifolium, Eriophorum vaginatum, Menyanthes trifoliata, Narthecium ossifragum, non-crustose lichens, Pleurocarpus mosses, Racomitrium lanuginosum, Rhynchospora alba, Sphagnum spp., Trichophorum cespitosum, Vaccinium spp.	In blanket bog, Sphagnum fallax (S. recurvum p.p.) scores one if other species of Sphagnum are present, but scores zero if it is the only species of Sphagnum present. In valley bog it scores as one. Empetrum nigrum and Myrica gale not present in North Dartmoor SSSI. Indicator species target also reduced to reflect species poverty.	Yes
M21 - Narthecium ossifragum - Sphagnum papillosum mire mire	Vegetation composition — cover of indicator species.	Assess against visual estimate at 4 m2 scale.	At least 50% of vegetation cover should consist of at least 3 of the listed positive indicator species above.		Yes
M25 - Molinia caerulea - Potentilla erecta mire	Vegetation composition — cover of other species	Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 1% of vegetation cover should be made up of non-native species. Less than 10% of vegetation cover should be made up of a scattered native trees and scrub.		Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
	Vegetation structure — indicators of browsing.	Assess against visual estimate at 4 m ² scale. Assessment is best done in late winter through spring.	Less than 50% of the last complete growing season's shoots of dwarf-shrub species (collectively), should show signs of browsing. In pioneer stage regrowth, less than 66% of the shoots of the last complete growing season's shoots of the dwarf-shrubs (collectively) should show signs of browsing.		Yes
	Vegetation structure — disturbance	Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	There should be no observable signs of burning into the moss, liverwort or lichen layer or exposure of peat surface due to burning.		Yes
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location	There should be no signs of burning or other disturbance in. (a) Slopes greater than 1 in 3, and all the sides of gullies. (b) Ground with abundant and/or an almost continuous carpet of Sphagnum, other mosses, liverworts and/or lichens. (c) Pools, wet hollows, hags and erosion gullies, and within 5 – 10 metres of the edge of watercourses.		Yes
	Physical structure — peat erosion.	Assess against an aggregate of visual estimates of as much of the feature as is visible while standing at sample locations.	The extent of eroding peat should be less than the extent of stable re-deposited peat and new growth of bog vegetation within the feature		Yes
	Physical structure — indicators of ground disturbance due to herbivore and human activity.	Assess against visual estimate at 4 m ² scale.	Less than 10% of the Sphagnum cover should be crushed, broken, and/or pulled-up.		Yes

Audit Trail
Rationale for limiting standards to specified parts of the site
Standards apply to areas mapped as BAP Broad Habitat Bog of relevant NVC community types as shown on maps 1-4. There is no evidence that the Blanket Bog feature was found at other locations since notification.
Rationale for site-specific targets (including any variations from generic guidance)
Cover of other species such as <i>Agrostis capillaris</i> , <i>Holcus lanatus</i> , <i>Phragmites australis</i> , <i>Pteridium aquilinum</i> , <i>Ranunculus repens</i> is not an issue in South Dartmoor so this generic target has been removed.
Some of the positive indicator species in the generic tables do not occur or are extremely scarce within South Dartmoor SSSI and have therefore been removed as indicators i.e. <i>Empetrum nigrum</i> , <i>Myrica gale</i> , <i>Carex bigelowii</i> , <i>Potentilla palustris</i> , <i>Epilobium palustre</i> , <i>Salix repens</i> , <i>Betula nana</i> , <i>Genista anglica</i> . To use these species as indicators would give a false impression that the site is 'failing' when there's no evidence that these species have ever formed a significant part of the vegetation community within the SSSI.
The target for positive indicator species found at sample points for blanket bog habitats has been reduced from 6 to 4 to reflect the relative species poverty of South Dartmoor's blanket bog communities. There is no evidence that the species frequency was ever high enough to justify a target of 6 species per sample.
The proportion of dwarf shrub shoots browsed target for bogs and heaths has been increased from <33% to <50%. The target of <50% was agreed following a consultation exercise with the Forest of Dartmoor Commoners Association, The Dartmoor Commoners Council, Dartmoor National Park and NFU. The target of 33% was seen as unachievable and too low for the local context. Surveys have found that this 33% target is consistently failed, largely it is thought, due to the limited heather cover of Dartmoor's bogs. This is an interim target which will be kept under review and if evidence is found that it isn't appropriate to Dartmoor it will be revised in future iterations of the FCT.
Generic text in 'comments' relating to 'excluding cool burns' from assessment has been removed. No consents for burning in the bog features as any burn would be classed as detrimental.
Rationale for selection of measures of condition (features and attributes for use in condition assessment)
(The selected vegetation attributes are those considered to most economically define favourable condition at this site for the broad habitat type and any dependent designated species).
The targets are based on CSM guidance for blanket bogs (2009) These measures have been selected to reflect the local character of the blanket bog feature using results from previous condition assessments and notification documents.

Other Notes

Most of the blanket bog on South Dartmoor appears to have been degraded at some point in the past by a combination of historic management practices resulting in an extensive network of erosion channels and gullies. There is evidence that large areas were cut for domestic peat fuel. There are some areas where drains have been cut for commercial peat extraction.

Variations from the generic guidance agreed with Upland Specialist November 2014

Table 3c. To maintain the **Dwarf-shrub heath – upland, dry** at **South Dartmoor SSSI** in favourable condition, with particular reference to relevant specific designated interest features. Favourable condition is defined at this site in terms of the following site-specific standards:

Site-specific details of any geographical variation or limitations (where the favourable condition standards apply)

Standards apply to areas mapped as BAP Broad Habitat Dwarf-shrub heath – upland, dry of relevant NVC community types as shown on maps in Annex 1

Does not apply to areas designated as Scheduled Monuments

Site-specific standards defining favourable condition

Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
Subalpine dry dwarf-shrub heath	Vegetation structure — indicators of heavy browsing.	Assess against visual estimate at 4 m2 scale. Assessment is best done in late winter through spring.	Less than 50% of the last complete growing season's shoots of dwarf-shrub species collectively, should shows signs of browsing.		Yes
H4 - Ulex gallii - Agrostis curtisii heath			In pioneer stage regrowth, less than 66% of the last complete growing season's shoots of the dwarf-shrubs (collectively) should show signs of browsing.		Yes
H8 - Calluna vulgaris - Ulex gallii heath	Vegetation composition — frequency of bryophytes and lichens.	Assess against visual estimate at 1 m2 scale. The cover assessment should exclude recently burnt areas.	At least 1 species of moss or liverwort or non-crustose lichen should be present	Qualifiers: Exclude Polytrichum spp. and Campylopus spp.	Yes
H10 - Calluna vulgaris - Erica cinerea heath	Vegetation composition —cover and frequency of dwarf-shrubs.	Assess against visual estimate at 4 m2 scale.	At least 50% of vegetation cover should be made up of Calluna vulgaris, Erica spp. Vaccinium spp. Ulex gallii, Agrostis curtisii	Exclude dead heather, bare rock, recently burnt areas and pioneer phase heath from the assessment of the live dwarf-shrub canopy cover.	Yes
H12 - Calluna vulgaris - Vaccinium myrtillus heath			At least 25% of dwarf-shrub cover should be made up of: Calluna vulgaris, Erica spp. Racomitrium		Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
H18 – Vaccinium myrtillus – Deschampsia flexuosa heath			lanuginosum, Vaccinium spp		
			Less than 50% of dwarf shrub cover should be made up of Ulex gallii		Yes
			At least two indicator species should be present from Calluna vulgaris, Erica spp., Racomitrium lanuginosum, Vaccinium spp. Agrostis curtisii		Yes
	Vegetation composition — cover of other species	Assess against visual estimate for as much of the feature as is visible while standing at a sample location	Less than 1% of vegetation cover should be made up of non-native species.		Yes
			Less than 10% of the vegetation cover should be made up of bracken.		Yes
			Less than 20% of the vegetation cover should be made up of scattered native trees and scrub.		Yes
		Assess at two scales and should be met at both scales: (a) against visual estimate at 4 m ² scale; and (b) against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 10% of the vegetation cover should consist of Juncus effusus.		Yes
Vegetation structure — disturbance	Assess against visual estimate for as much of the feature as is visible while standing at a sample location. If a feature is viewed at a distance, and/or there is uncertainty about whether or not a burn has actually entered the feature, then use a rough guide of 25 m (i.e. if the burn is further than 25 m inside the feature, it is considered damaging).	There should be no signs of burning and other disturbance inside the boundaries of the following sensitive areas: (a) Vegetation severely wind-clipped, mostly forming a mat less than 10 cm thick.(b) Areas where soils are thin and less than 5 cm deep.(c) Slopes greater than 1 in 3 (18°), and all the sides of gullies(d) Ground with abundant, and/or an almost continuous carpet of Sphagnum, liverworts and/or lichens.(e) Areas with noticeably uneven structure, at a spatial scale of around 1 m ² or less. The unevenness (e.g. more commonly found in very old heather stands) will relate to distinct, often large, spreading dwarf-shrub bushes. The dwarf-shrub canopy will not be completely	Failure of this target should also be recorded if any evidence of this is found while walking between sample locations.	Yes	

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
			continuous, and some of its upper surface may be twice as high as other parts. Layering is likely to be present and may be common.(f) Pools, wet hollows, hags and erosion gullies, and within 5 – 10 metres of the edge of watercourses.		
		Assess at the whole unit scale.	Outside areas identified above, all growth phases of heather should occur throughout the area. At least 10% of the heather should be in the late mature growth phase.	Target should be assessed by aggregating all observations from sample points within a unit.	Yes
	Physical structure — indicators of ground disturbance due to herbivore and human activity.	Assess in the following two ways: (a) for diffuse/scattered disturbance of the ground, not on clearly defined paths or tracks, by visual estimate at 4 m ² scale; and(b) for distinct and clearly defined paths and tracks (exclude constructed tracks) by visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 10% of the ground cover should be made up of disturbed bare ground*.	Exclude recently burnt ground. Disturbed bare ground is where a substrate of bare humus, bare peat, bare mineral soil, bare gravel, or soil covered only by an algal mat, has its surface broken and imprinted by hoof marks, wallows, human foot prints, or vehicle and machinery tracks. The emphasis is on 'disturbed' rather than 'bare'.	Yes

Audit Trail

Rationale for limiting standards to specified parts of the site

Dartmoor has a relatively high proportion of the National historic environment resource and is recognised as an Internationally significant historic landscape. Remains of every period of human occupation and activity exist in a palimpsest making this landscape especially valuable.

Partners, including English Heritage and Dartmoor National Park, have worked with us to agree a landscape scale 'Vision for Dartmoor'. This recognises the value of the historic environment and we have agreed that management in areas of high historic value, particularly Scheduled Monuments, should be managed primarily to maintain the value of the historic resource.

These sites amount to a small proportion of the SSSI area and exist largely in areas of acid grassland within a mosaic of heath and bog. In this context the management of these limited areas for the historic interest should not compromise the recovery or maintenance of the SSSI features.

Rationale for site-specific targets (including any variations from generic guidance)

The proportion of dwarf shrub shoots browsed target for bogs and heaths has been increased from <33% to <50%. The target of <50% was agreed following a consultation exercise with the Forest of Dartmoor Commoners Association, The Dartmoor Commoners Council, Dartmoor National Park and NFU. The target of 33% was seen as unachievable and too low for the local context. Surveys have found that this 33% target is consistently failed, largely it is thought, due to the fragmented nature of Dartmoor's heaths. This interim target will be kept under review and if evidence shows it to be inappropriate it will be revised in future iterations of the FCT.

Weedy species (*Cirsium arvense*, *Cirsium vulgare*, large docks (excluding *Rumex acetosa*), *Ranunculus repens* or *Urtica dioica*) have never been found to be a problem in South Dartmoor so this generic target has been removed.

Indicator species chosen to reflect locally important elements of the notified heath communities.

Growth stages measure has been amended to an assessment of cover at the whole unit scale rather than at individual sample locations. This is to ensure that cover within a unit is the pass/fail criteria rather than the number of sample points passing since cover within the unit is the important target.

Rationale for selection of measures of condition (features and attributes for use in condition assessment)

(The selected vegetation attributes are those considered to most economically define favourable condition at this site for the broad habitat type and any dependent designated species).

The targets are based on CSM guidance for Dwarf Shrub Heath Upland (2009) These measures have been selected to reflect the local character of the heath feature using results from previous condition assessments and notification documents

Other Notes

Variations from the generic guidance agreed with Upland Specialist November 2014

Table 3d. To maintain the **Dwarf-shrub heath – upland, wet** at **South Dartmoor SSSI** in favourable condition, with particular reference to relevant specific designated interest features. Favourable condition is defined at this site in terms of the following site-specific standards:

Site-specific details of any geographical variation or limitations (where the favourable condition standards apply)

Standards apply to areas mapped as BAP Broad Habitat Dwarf-shrub heath – upland, wet of relevant NVC community types as shown on maps in Annex 1

Does not apply to areas designated as Scheduled Monuments

Site-specific standards defining favourable condition

Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
Wet heath (upland) M15 - Scirpus cespitosus - Erica tetralix wet heath	Vegetation composition — frequency of indicator species	Assess against visual estimate up to 20m from centre of the quadrat.	Erica tetralix should be present within a 20m radius of the centre of the quadrat.		Yes
	Vegetation structure — indicators of browsing.	Assess against visual estimate at 4 m2 scale. Assessment is best done in late winter through spring.	Less than 50% of the last complete growing season's shoots of dwarf-shrub species collectively, should shows signs of browsing.		Yes
			In pioneer stage regrowth, , less than 66% of the last complete growing season's shoots of the dwarf-shrubs (collectively) should show signs of browsing.	Exclude “pioneer” areas created by temporary heavy browsing and trampling in the same year as when the monitoring is being undertaken.	Yes
	Vegetation composition — cover.	Assess against visual estimate at 4 m2 scale. Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	None of the following should make up more than 75% of vegetation cover: (a) dwarf-shrubs; or (b) graminoids.		
At least 50% of vegetation cover should consist of species from Erica spp. Calluna vulgaris, Vaccinium spp, Spagnum spp. and at least 20% of the vegetation cover should consist of Erica spp and Calluna vulgaris					Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
			Less than 10% of vegetation cover should be made up of bracken.		Yes
			Less than 10% of vegetation cover should be made up of scattered native trees and scrub.		Yes
		Assess at two scales and should be met at both scales: (a) against visual estimate at 4 m ² scale; and (b) against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 1% of vegetation cover should be made up of non-native species.		Yes
			Less than 10% of the vegetation cover should consist of <i>Juncus effusus</i> .		Yes
	Vegetation structure — disturbance	Assess against visual estimate for as much of the feature as is visible while standing at a sample location. Burning of the dwarf shrub layer may result in bleaching of the bryophyte layer. This should not be confused with burning into the bryophyte layer and does not constitute failure to achieve target.	There should be no observable signs of burning into the moss, liverwort or lichen layer or exposure of peat surface due to burning.		Yes
		If a feature is viewed at a distance, and there is uncertainty about whether or not a burn has actually entered the feature, then use a rough guide of 25 m (i.e. if	There should be no signs of burning and other disturbance inside the boundaries of the following sensitive areas: (a) Vegetation severely wind-clipped, mostly forming a mat less than 10 cm thick.(b) Areas where soils are thin and less than 5 cm deep.(c) Slopes greater than 1 in 3 (18°),	Failure of this target should also be recorded if any evidence of this is found while walking between sample locations.	Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
		the burn is further than 25 m inside the feature, it is considered damaging).	and all the sides of gullies(d) Ground with abundant, and/or an almost continuous carpet of Sphagnum, liverworts and/or lichens.(e) Areas with noticeably uneven structure, at a spatial scale of around 1 m ² or less. The unevenness (e.g. more commonly found in very old heather stands) will relate to distinct, often large, spreading dwarf-shrub bushes. The dwarf-shrub canopy will not be completely continuous, and some of its upper surface may be twice as high as other parts. Layering is likely to be present and may be common.(f) Pools, wet hollows, hags and erosion gullies, and within 5 – 10 metres of the edge of watercourses.		
	Physical structure — indicators of ground disturbance due to herbivore and human activity.	Assess against visual estimate at 4 m ² scale.	Less than 10% of the Sphagnum cover should be crushed, broken, and/or pulled-up.		Yes
		Assess in the following two ways: (a) for diffuse/scattered disturbance of the ground, not on clearly defined paths or tracks, by visual estimate at 4 m ² scale; and (b) for distinct and clearly defined paths and tracks (exclude constructed tracks) by visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 10% of the ground should be disturbed bare ground.	Disturbed bare ground is where a substrate of bare humus, bare peat, bare mineral soil, bare gravel, or soil covered only by an algal mat, has its surface broken and imprinted by hoof marks, wallows, human foot prints, or vehicle and machinery tracks. The emphasis is on 'disturbed' rather than 'bare'.	Yes
	Physical structure — indicators of increased active drainage and drying-out, and peat	Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 10% of the total feature area, should show signs of active† drainage, resulting from ditches or heavy trampling or tracking.	Qualifiers: Failure of target (1) should also be recorded if any evidence of this is found while walking between sample locations. † Drainage should be considered active if it has altered, or is likely to alter, or remove, the original	Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Site-specific Targets	Comments	Use for CA?
	erosion.			vegetation, and facilitate the removal of water from the site.	
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	The extent of eroding peat and/or mineral soil should be less than the extent of re-deposited peat and/or mineral soil and new growth of wet heath and/or bog vegetation within the feature.	Redeposited peat/mineral soil occurs on relatively level ground at the downward slope end of erosion gullies. On peat it is often characterised by scattered shoots of <i>Eriophorum angustifolium</i> . Once established, further deposition and colonisation can extend up the gully floor.	Yes

Audit Trail
<p>Rationale for limiting standards to specified parts of the site</p> <p>Dartmoor has a relatively high proportion of the National historic environment resource and is recognised as an Internationally significant historic landscape. Remains of every period of human occupation and activity exist in a palimpsest making this landscape especially valuable.</p> <p>Partners, including English Heritage and Dartmoor National Park, have worked with us to agree a landscape scale 'Vision for Dartmoor'. This recognises the value of the historic environment and we have agreed that management in areas of high historic value, particularly Scheduled Monuments, should be managed primarily to maintain the value of the historic resource.</p> <p>These sites amount to a small proportion of the SSSI area and exist largely in areas of acid grassland within a mosaic of heath and bog. In this context the management of these limited areas for the historic interest should not compromise the recovery or maintenance of the SSSI features.</p>
<p>Rationale for site-specific targets (including any variations from generic guidance)</p>

The proportion of dwarf shrub shoots browsed target for bogs and heaths has been increased from <33% to <50%. The target of <50% was agreed following a consultation exercise with the Forest of Dartmoor Commoners Association, The Dartmoor Commoners Council, Dartmoor National Park and NFU. The target of 33% was seen as unachievable and too low for the local context. Surveys have found that this 33% target is consistently failed, largely it is thought, due to the fragmented nature of Dartmoor's heaths. This interim target will be kept under review and if evidence shows it to be inappropriate it will be revised in future iterations of the FCT.

Generic scattered trees and scrub target reduced from 20% to 10% as there is very little scrub and no evidence that it has ever been a significant component of the wet heath habitat.

Indicator species chosen to reflect the important components of the notified wet heath features.

Generic target for weedy species *Agrostis capillaris*, *Holcus lanatus*, *Phragmites australis*, *Ranunculus repens* removed as these have never been found to be a problem in South Dartmoor.

Rationale for selection of measures of condition (features and attributes for use in condition assessment)

(The selected vegetation attributes are those considered to most economically define favourable condition at this site for the broad habitat type and any dependent designated species).

The targets are based on CSM guidance for Dwarf shrub heath upland wet (2009) These measures have been selected to reflect the local character of the wet heath feature using results from previous condition assessments and notification documents

Other Notes

Variations from the generic guidance agreed with Upland Specialist November 2014

Table 3e. To maintain the **Finite buried interest** at **South Dartmoor SSSI** in favourable condition, with particular reference to relevant specific designated interest features. Favourable condition is defined at this site in terms of the following site-specific standards:

Site-specific details of any geographical variation or limitations (where the favourable condition standards apply)

Blacklane Brook only at OS grid ref SX627687

Site-specific standards defining favourable condition

Criteria feature	Attribute term in guidance	Measure	Target	Comments	Use for CA?
Finite buried interest (FB)	Condition of features of interest	Visual / fixed-point photography	The features of interest remain intact: the area marked as containing important palaeogene deposits at Blackridge Brook should not have diminished compared to the maps in the site electronic science files		Yes
	Vegetation	Visual / fixed-point photography	Vegetation is not inhibiting excavation of, nor damaging the features of interest. Vegetation cover should remain predominantly acid grassland and upland heath		Yes
	Agricultural practices	Visual / fixed-point photography	There are no inappropriate agricultural practices, such as trenching, damaging the features of interest.		Yes
	Tree planting	Visual / fixed-point photography	There is no unconsented tree planting inhibiting excavation of or damaging the features of interest.		Yes
	Tipping or landfill	Visual / fixed-point photography	There is no unconsented tipping or landfill inhibiting excavation of or damaging the features of interest.		Yes
	Engineering works	Visual / fixed-point photography	There are no unconsented engineering works, such as building or trenching, inhibiting excavation of or damaging the features of interest.		Yes

Site-specific standards defining favourable condition					
Criteria feature	Attribute term in guidance	Measure	Target	Comments	Use for CA?
	Recreational activities	Visual / fixed-point photography	There are no inappropriate recreational activities, such as off-road driving, damaging the features of interest.		Yes
	Geological specimen collecting	Visual / fixed-point photography	Specimen collecting is not damaging the features of interest.		Yes

Audit Trail
Rationale for limiting standards to specified parts of the site
Blacklane Brook provides an important palynological record of the Flandrian vegetation history and environmental change on South Dartmoor. The pollen sequence covers the whole period from the late Devensian/Flandrian boundary almost to the present day and is supported by radiocarbon dating. In addition to the relatively long record, the site provides pollen evidence for local tree cover and relatively early burning.
Rationale for site-specific targets (including any variations from generic guidance)
No variations from generic guidance
Rationale for selection of measures of condition (features and attributes for use in condition assessment)
(The selected vegetation attributes are those considered to most economically define favourable condition at this site for the broad habitat type and any dependent designated species).
Other Notes

Table 3f. To maintain the **Short Sedge Acidic Fen at South Dartmoor SSSI** in favourable condition, with particular reference to relevant specific designated interest features. Favourable condition is defined at this site in terms of the following site-specific standards:

Site-specific details of any geographical variation or limitations (where the favourable condition standards apply)

Does not apply to areas designated as Scheduled Monuments

Standards apply to areas mapped as Bogs of the relevant Short Sedge Acidic Fen NVC community types as shown on maps in Annex 1. Do not include the fringing areas of rush in assessments.

Criteria feature	Attribute term in guidance	Measure	Target	Comments	Use for CA?
Short-sedge acidic fen (upland) M4 - <i>Carex rostrata</i> - <i>Sphagnum recurvum</i> (fallax) mire	Vegetation structure — indicators of current grazing.	Assess against visual estimate at the 4 m ² scale. If a moss layer is present the height of the leaf tips and flowering shoots should be estimated from the upper surface of the moss, otherwise from the upper surface of the soil or plant litter.	For fens and flushes, at least 50% of live leaves and flowering shoots of vascular plants should more than 15 cm above the ground surface.	Exclude grass inflorescences and well-developed tussocks e.g. of <i>Molinia</i> or <i>Juncus</i> spp.	Yes
M6 - <i>Carex echinata</i> - <i>Sphagnum recurvum</i> (fallax) / <i>auriculatum</i> (denticulatum) mire	Vegetation composition — frequency of indicator species.	Assess against visual estimate at 4 m ² scale.	For M4, M6 there should be at least 2 indicator species present in the vegetation cover.	Indicators use: small to medium <i>Carex</i> sized spp. <i>Hydrocotyle vulgaris</i> <i>Sphagnum</i> spp., , <i>Eriophorum angustifolium</i> , <i>Juncus acutiflorus</i> , <i>Menyanthes trifoliata</i> , <i>Potentilla erecta</i> , <i>Ranunculus flammula</i> , <i>Succisa pratensis</i> , <i>Viola palustris</i>	Yes
			There should be at least 1 species from the following: small to medium sized <i>Carex</i> spp., <i>Hydrocotyle vulgaris</i> , <i>Potentilla palustris</i> , <i>Sphagnum</i> spp.		Yes
	Vegetation composition — cover	Assess against visual estimate at 4 m ² scale.	At least 50% of vegetation cover should be made up of indicator species (25% from each of groups i and ii).	Group i: small to medium <i>Carex</i> sized spp. <i>Hydrocotyle vulgaris</i> <i>Potentilla palustris</i> <i>Sphagnum</i> spp. Group ii: <i>Epilobium palustre</i> , <i>Eriophorum angustifolium</i> , <i>Juncus</i>	Yes

Criteria feature	Attribute term in guidance	Measure	Target	Comments	Use for CA?
				<i>acutiflorus</i> , <i>Menyanthes trifoliata</i> , <i>Potentilla erecta</i> , <i>Ranunculus flammula</i> , <i>Succisa pratensis</i> , <i>Viola palustris</i>	
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 1% of vegetation cover should be made up of non-native species.		Yes
			Less than 10% of vegetation cover should be made up of scattered native trees and scrub.	Exclude <i>Myrica gale</i>	Yes
		Assess at two scales, and should be met at both scales: (a) against visual estimate at 4 m2 scale; and (b) against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 10% of the vegetation cover should consist of <i>Juncus effusus</i> .		Yes
			Less than 10% of the ground cover should be disturbed bare ground*.	Disturbed bare ground is where a substrate of bare humus, bare peat, bare mineral soil, bare gravel, or soil covered only by an algal mat, has its surface broken and imprinted by hoof marks, wallows, human foot prints, or vehicle and machinery tracks. The emphasis is on 'disturbed' rather than 'bare'.	Yes
	Physical structure — indicators of increased active drainage and drying-out, or ground disturbance due to herbivore and human activity.	Assess in the following two ways: (a) for diffuse/scattered disturbance of the ground, not on clearly defined paths or tracks, by visual estimate at 4 m2 scale; and (b) for distinct and clearly defined paths and tracks (exclude constructed tracks) by visual estimate for as much of the feature as is visible while standing at a	Less than 10% of the total feature area, should show signs of active† drainage, resulting from ditches or heavy trampling or tracking.	Failure of this target should also be recorded if any evidence of this is found while walking between sample locations. † Drainage should be considered active if it has altered, or is likely to alter, or remove, the original vegetation, and facilitate the removal of water from the site.	Yes

Criteria feature	Attribute term in guidance	Measure	Target	Comments	Use for CA?
		sample location.			
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location.			

Audit Trail
Rationale for limiting standards to specified parts of the site
Standards apply only to areas mapped as Bogs of the relevant Short Sedge Acidic Fen NVC community types as shown on maps in Annex 1. There is no evidence that this feature was ever present at other locations.
Rationale for site-specific targets (including any variations from generic guidance)
Anthoxanthum odoratum, Epilobium hirsutum, Holcus lanatus, Phragmites australis, Ranunculus repens have never been found to be a problem in South Dartmoor so this target has been removed.
Rationale for selection of measures of condition (features and attributes for use in condition assessment)
(The selected vegetation attributes are those considered to most economically define favourable condition at this site for the broad habitat type and any dependent designated species).
The targets are based on Uplands CSM guidance (2009) These measures have been selected to reflect the local character of the Fen feature using results from previous condition assessments and notification documents
Other Notes
Many (most) of the valley mires on South Dartmoor are small and scattered along the valley floors. Few of them correspond well to published NVC communities.

Table 3g. To maintain the **Soakaway and Sump at South Dartmoor SSSI** in favourable condition, with particular reference to relevant specific designated interest features. Favourable condition is defined at this site in terms of the following site-specific standards:

Site-specific details of any geographical variation or limitations (where the favourable condition standards apply)

Does not apply to areas designated as Scheduled Monuments

Standards apply to areas mapped as Bogs of relevant the Soakaway and Sump NVC community types as shown on maps in Annex 1

Criteria feature	Attribute term in guidance	Measure	Target	Comments	Use for CA?
Soakway and sump (upland) M29 - Hypericum eloides - Potamogeton polygonifolius soakaway	Vegetation composition - cover	Assess against visual estimate at 4 m2 scale.	Either <i>Hypericum elodes</i> or <i>Potamogeton polygonifolius</i> should be present in the vegetation cover.		Yes
			At least 75% of vegetation cover should be made up of the following indicator species: <i>Carex</i> spp., <i>Hypericum elodes</i> , <i>Potamogeton polygonifolius</i> , <i>Sphagnum</i> spp.		Yes
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 1% of vegetation cover should be made up of non-native species.		Yes
			Less than 10% of vegetation cover should be made up of scattered native trees and scrub.		Yes
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location. Assess against visual estimate at 4 m2 scale.	Less than 20% of vegetation cover should be made up of <i>Molinia caerulea</i> .		Yes
			Less than 10% of vegetation cover should be made up of other graminoids.	Include <i>Juncus acutiflorus</i> and <i>Juncus effusus</i> , but exclude <i>Molinia</i> and sedges, in the assessment of "other graminoids".	Yes

Criteria feature	Attribute term in guidance	Measure	Target	Comments	Use for CA?
	Physical structure — indicators of increased active drainage and drying-out, and ground disturbance due to herbivore and human activity.	Assess against visual estimate at 4 m ² scale.	Less than 25% of the ground cover, of each soakaway, should be disturbed bare ground*.	Disturbed bare ground is where a substrate of bare humus, bare peat, bare mineral soil, bare gravel, or soil covered only by an algal mat, has its surface broken and imprinted by hoof marks, wallows, human foot prints, or vehicle and machinery tracks. The emphasis is on 'disturbed' rather than 'bare'.	Yes
		Assess against the aggregate of visual estimates for as much of the feature as is visible while standing at all sample locations.	Over the whole feature scanned from sample locations, less than 10% of ground cover should be disturbed bare ground*.	Disturbed bare ground is where a substrate of bare humus, bare peat, bare mineral soil, bare gravel, or soil covered only by an algal mat, has its surface broken and imprinted by hoof marks, wallows, human foot prints, or vehicle and machinery tracks. The emphasis is on 'disturbed' rather than 'bare'.	Yes
		Assess against visual estimate for as much of the feature as is visible while standing at a sample location.	Less than 10% of the total feature area, should show signs of active† drainage, resulting from ditches or heavy trampling or tracking.	Failure of this target should also be recorded if any evidence of this is found while walking between sample locations. † Drainage should be considered active if it has altered, or is likely to alter, or remove, the original vegetation, and facilitate the removal of water from the site.	Yes

Audit Trail

Rationale for limiting standards to specified parts of the site

Standards apply only to areas mapped as Bogs of the relevant Short Sedge Acidic Fen NVC community types as shown on maps in Annex 1. There is no evidence that this feature was ever present at other locations.

Rationale for site-specific targets (including any variations from generic guidance)

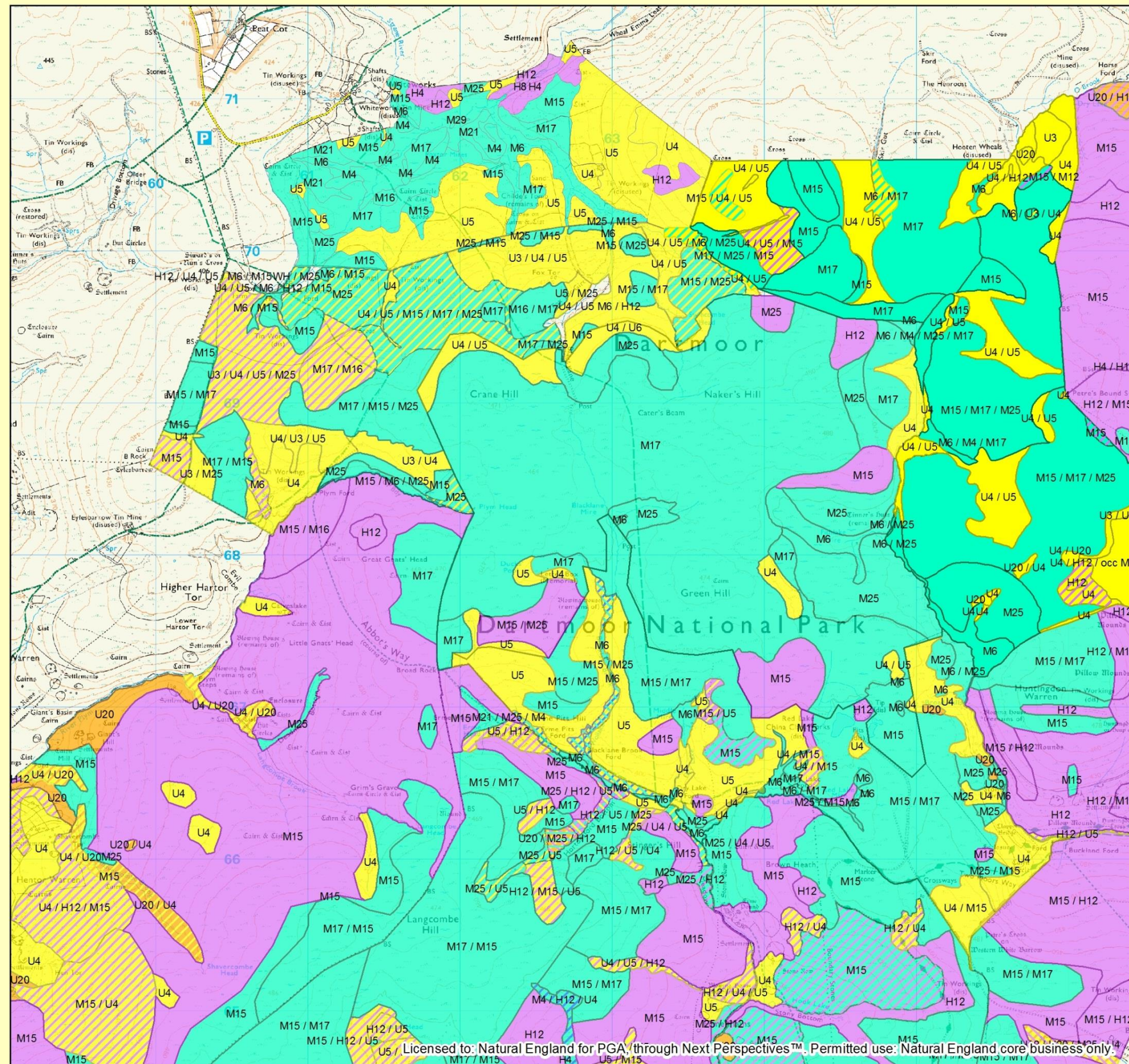
No variations from generic guidance

Rationale for selection of measures of condition (features and attributes for use in condition assessment)

(The selected vegetation attributes are those considered to most economically define favourable condition at this site for the broad habitat type and any dependent designated species).
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The targets are based on Uplands CSM guidance (2009) These measures have been selected to reflect the local character of the Soakaway and Sump feature using results from previous condition assessments and notification documents

Other Notes



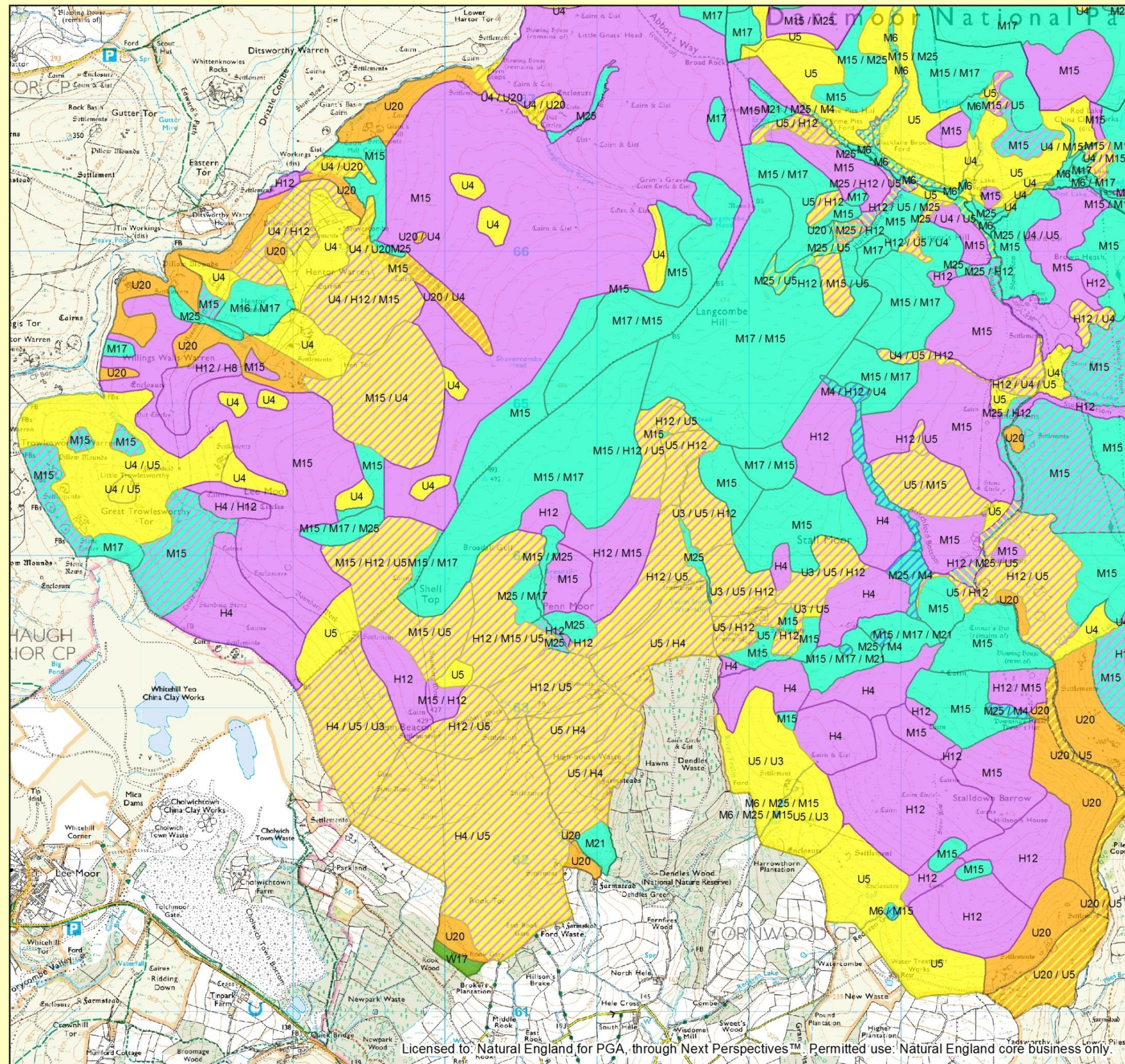
South Dartmoor SSSI Notified Features Map 1

- Broad BAP Habitats**
- South Dartmoor SSSI**
- Broad BAP Habitat**
- Acid Grassland - Upland
 - Acid Grassland - Upland / Bogs
 - Acid Grassland - Upland / Bracken
 - Acid Grass - Upland / Bra / DSH - Upland; Acid Grass - Upland / DSH - Upland / Bra
 - Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bogs
 - Bogs / Acid Grassland - Upland
 - Bogs / Dwarf Shrub Heath - Upland
 - Bogs / Dwarf Shrub Heath - Upland / Bracken
 - Bogs / Fen, Marsh and Swamp
 - Bogs / Fen, Marsh and Swamp / Dwarf Shrub Heath - Upland
 - Bracken
 - Bracken / Acid Grassland - Upland
 - Bracken / Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bracken / Bogs
 - Bracken / Bogs / Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bracken / Dwarf Shrub Heath - Upland
 - Bracken / Dwarf Shrub Heath - Upland / Bogs
 - Dwarf Shrub Heath - Upland
 - Dwarf Shrub Heath - Upland / Acid Grassland - Upland / Bracken
 - Dwarf Shrub Heath - Upland / Bogs / Acid Grassland - Upland
 - Dwarf Shrub Heath - Upland / Bracken
 - Woodland

Scale (at A3): 1:25,000
 Map produced by [user name],
 [team]
 Date: xx/xx/2013. Map Reference: xxxxxx



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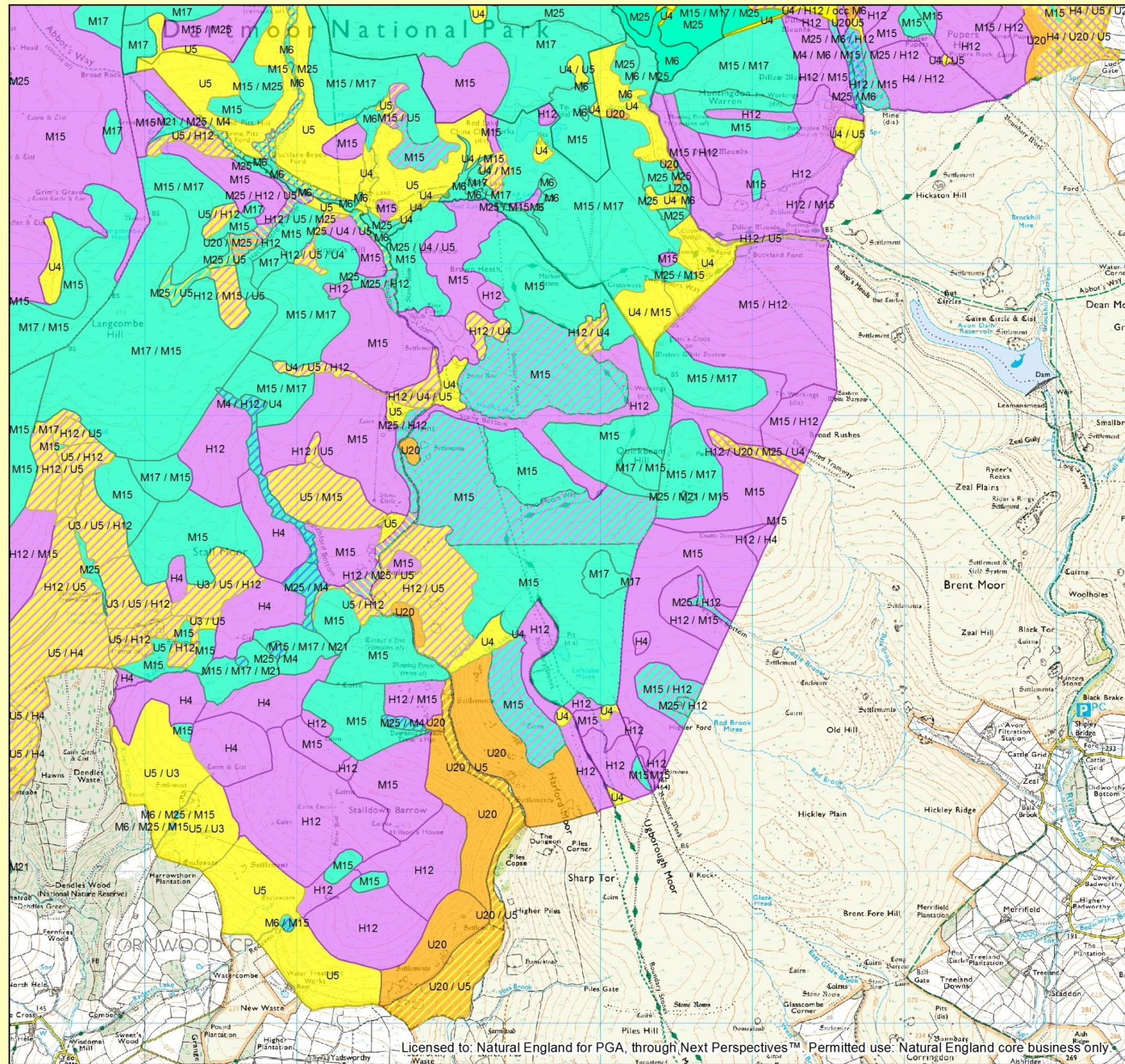
South Dartmoor SSSI Notified Features Map 2

- Broad BAP Habitats**
- South Dartmoor SSSI**
- Broad BAP Habitat**
- Acid Grassland - Upland
 - Acid Grassland - Upland / Bogs
 - Acid Grassland - Upland / Bracken
 - Acid Grass - Upland / Bra / DSH - Upland; Acid Grass - Upland / DSH - Upland / Bra
 - Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bogs
 - Bogs / Acid Grassland - Upland
 - Bogs / Dwarf Shrub Heath - Upland
 - Bogs / Dwarf Shrub Heath - Upland / Bracken
 - Bogs / Fen, Marsh and Swamp
 - Bogs / Fen, Marsh and Swamp / Dwarf Shrub Heath - Upland
 - Bracken
 - Bracken / Acid Grassland - Upland
 - Bracken / Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bracken / Bogs
 - Bracken / Bogs / Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bracken / Dwarf Shrub Heath - Upland
 - Bracken / Dwarf Shrub Heath - Upland / Bogs
 - Dwarf Shrub Heath - Upland
 - Dwarf Shrub Heath - Upland / Acid Grassland - Upland / Bracken
 - Dwarf Shrub Heath - Upland / Bogs / Acid Grassland - Upland
 - Dwarf Shrub Heath - Upland / Bracken
 - Woodland

Scale (at A3): 1:25,000
 Map produced by [user name],
 [team]
 Date: xx/xx/2013. Map Reference: xxxxxx



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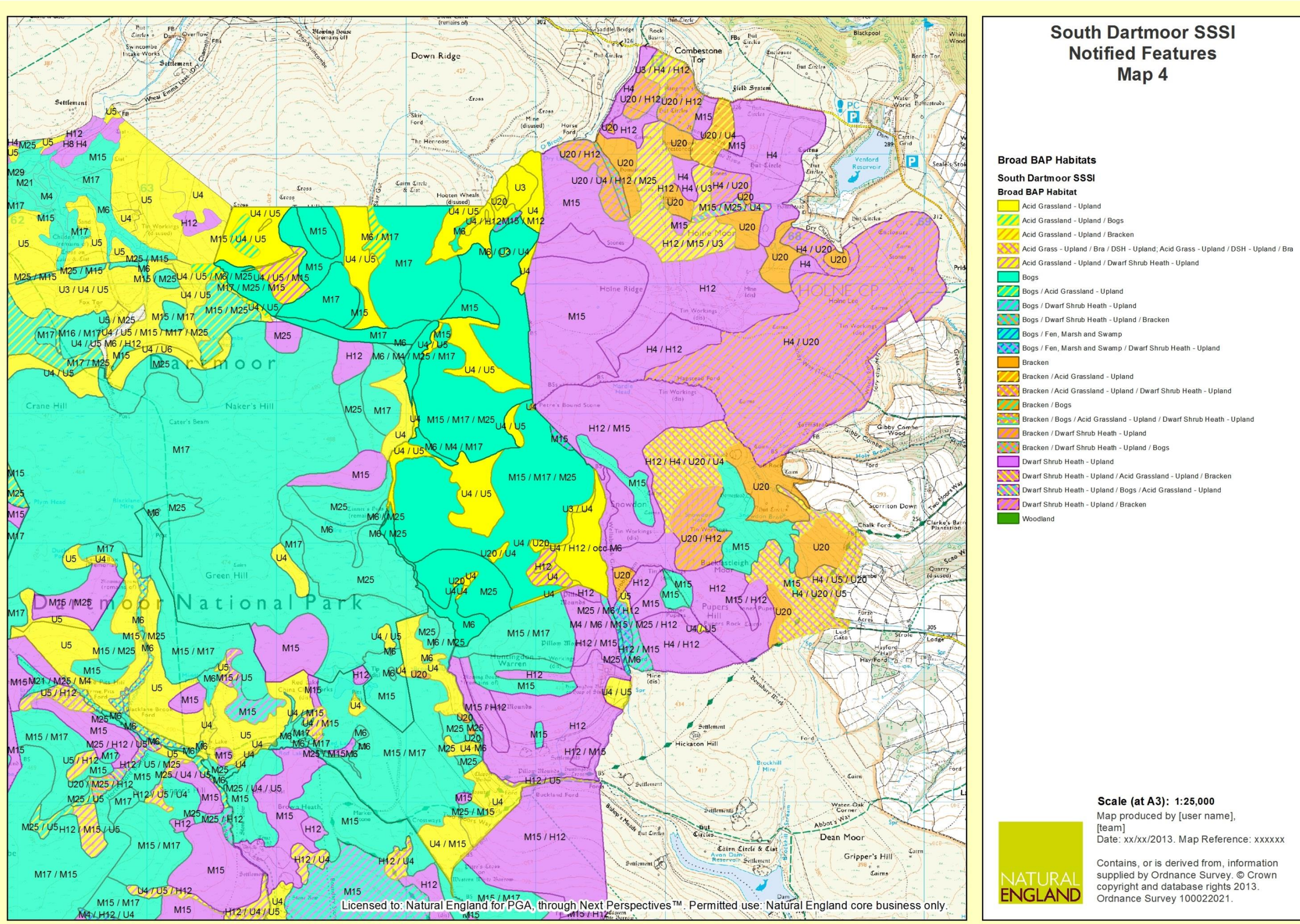
South Dartmoor SSSI Notified Features Map 3

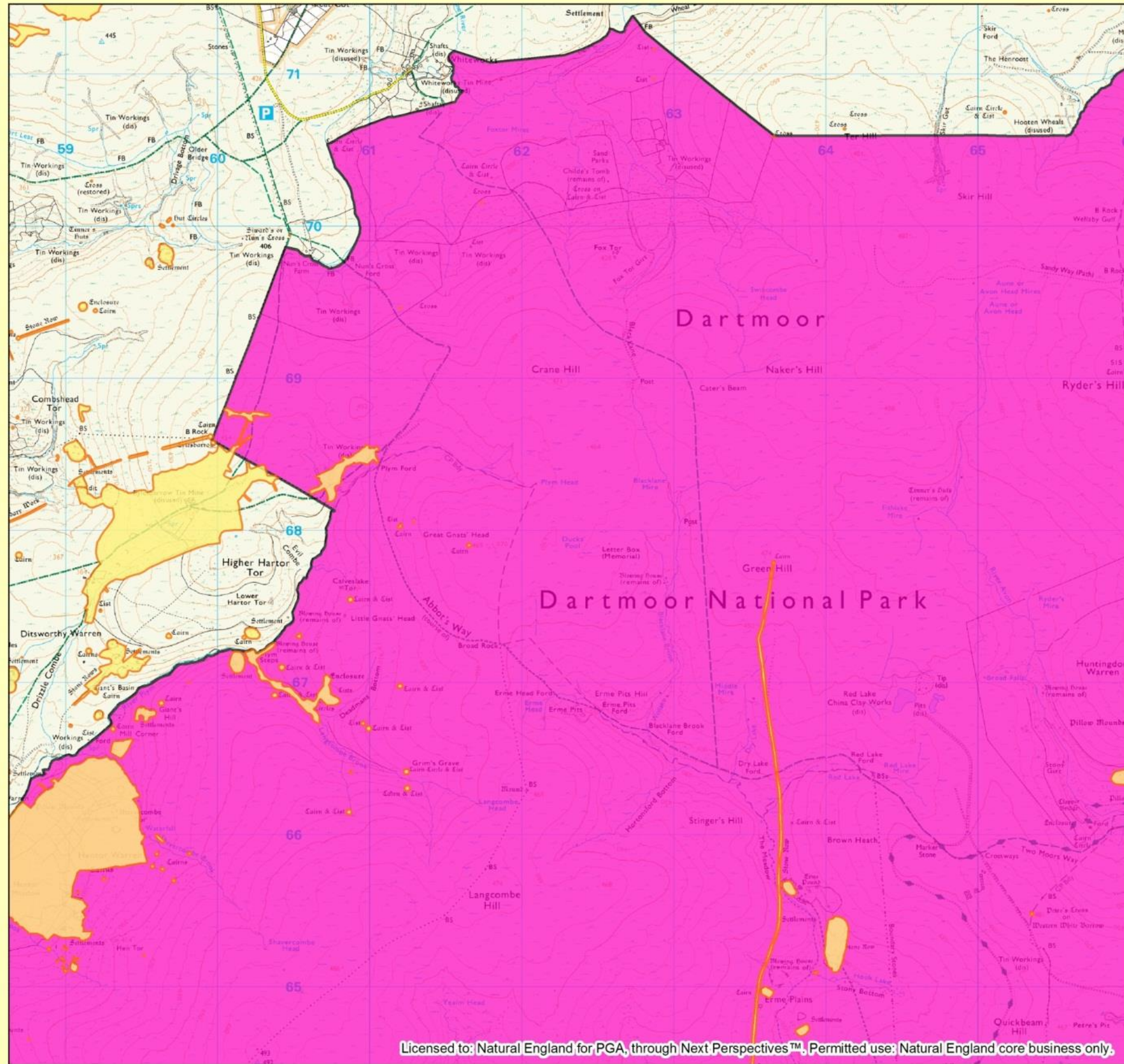
- Broad BAP Habitats**
- South Dartmoor SSSI**
- Broad BAP Habitat**
- Acid Grassland - Upland
 - Acid Grassland - Upland / Bogs
 - Acid Grassland - Upland / Bracken
 - Acid Grass - Upland / Bra / DSH - Upland; Acid Grass - Upland / DSH - Upland / Bra
 - Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bogs
 - Bogs / Acid Grassland - Upland
 - Bogs / Dwarf Shrub Heath - Upland
 - Bogs / Dwarf Shrub Heath - Upland / Bracken
 - Bogs / Fen, Marsh and Swamp
 - Bogs / Fen, Marsh and Swamp / Dwarf Shrub Heath - Upland
 - Bracken
 - Bracken / Acid Grassland - Upland
 - Bracken / Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bracken / Bogs
 - Bracken / Bogs / Acid Grassland - Upland / Dwarf Shrub Heath - Upland
 - Bracken / Dwarf Shrub Heath - Upland
 - Bracken / Dwarf Shrub Heath - Upland / Bogs
 - Dwarf Shrub Heath - Upland
 - Dwarf Shrub Heath - Upland / Acid Grassland - Upland / Bracken
 - Dwarf Shrub Heath - Upland / Bogs / Acid Grassland - Upland
 - Dwarf Shrub Heath - Upland / Bracken
 - Woodland

Scale (at A3): 1:25,000
 Map produced by [user name],
 [team]
 Date: xx/xx/2013. Map Reference: xxxxx



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Scheduled Monuments within South Dartmoor SSSI to be excluded from FCT targets Map 5

Legend

- Scheduled Monuments © Historic England
- South Dartmoor SSSI

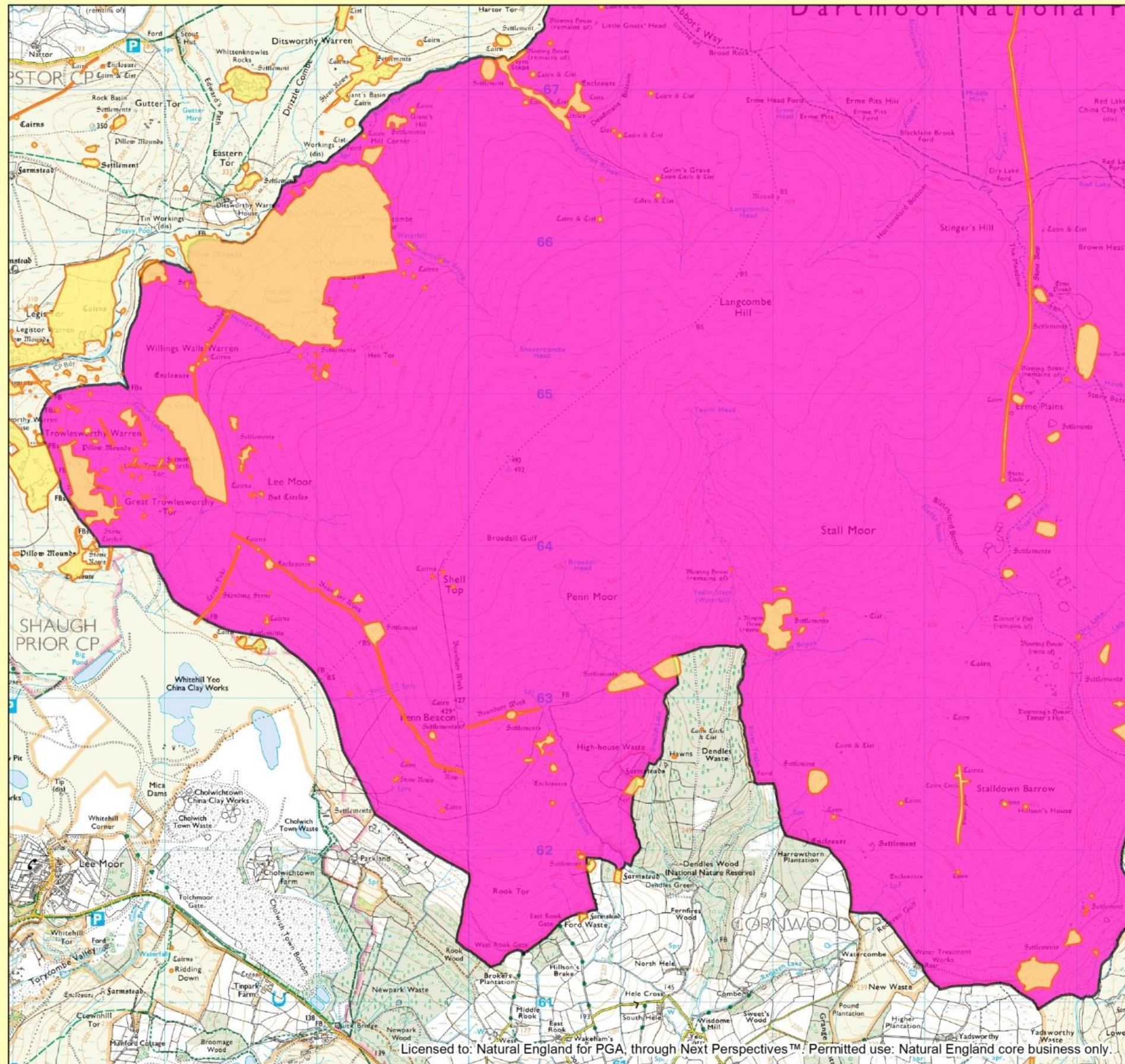
Scale (at A3): 1:25,000

Map produced by Andy Guy,
3 Moors Team
Date: 19/06/2015.



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Scheduled Monuments within South Dartmoor SSSI to be excluded from FCT targets Map 6

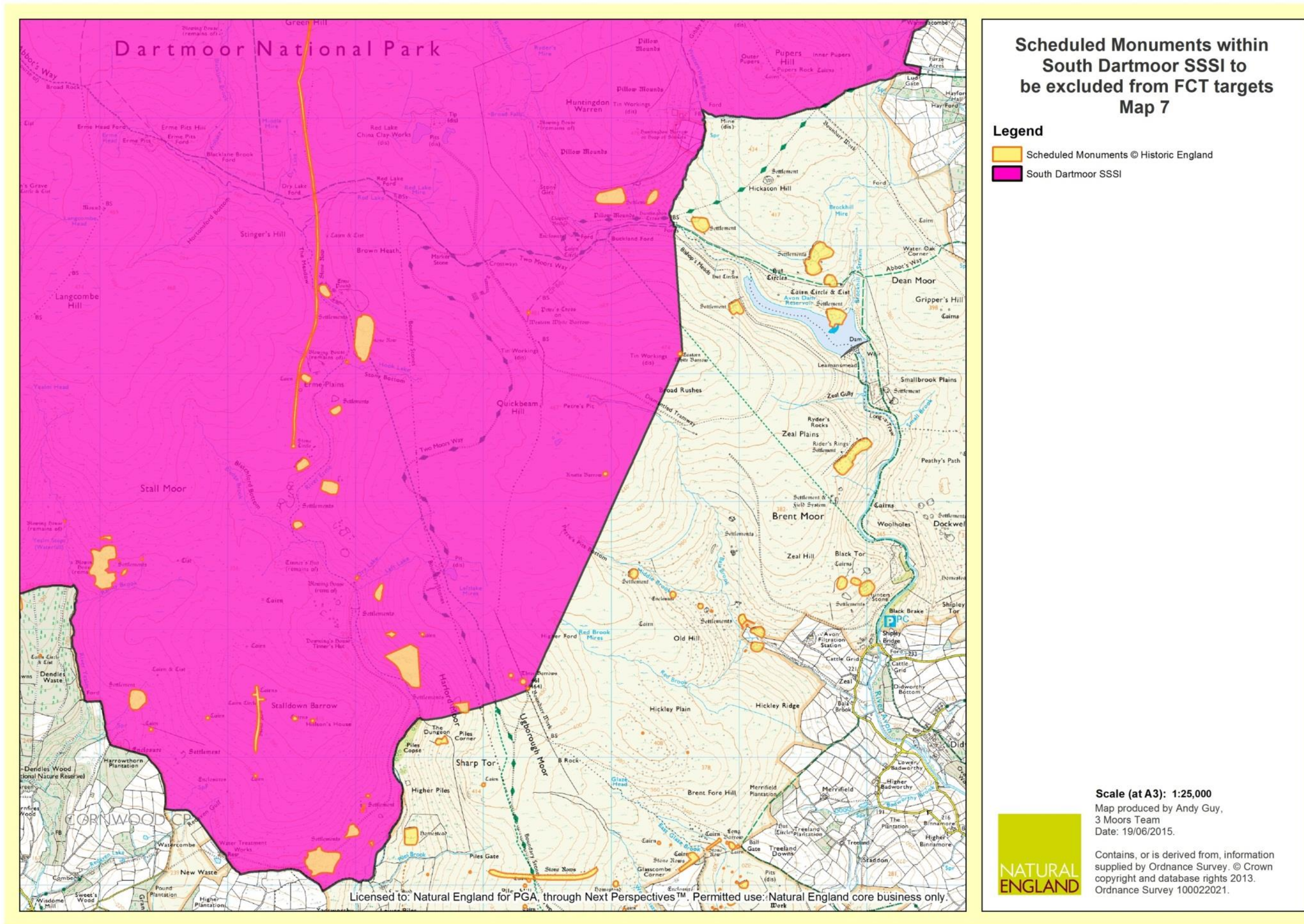
Legend

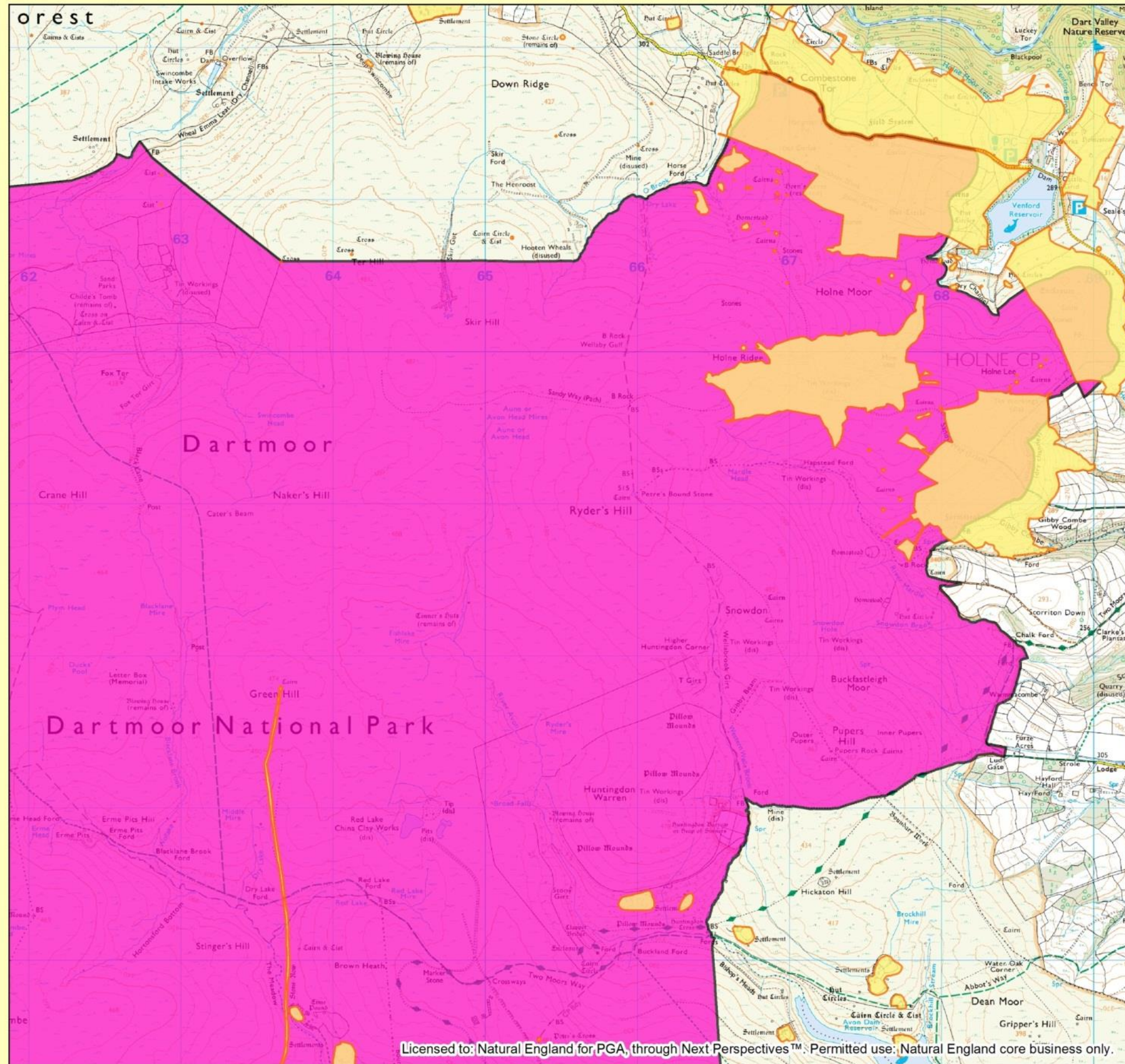
- Scheduled Monuments © Historic England
- South Dartmoor SSSI

Scale (at A3): 1:25,000
 Map produced by Andy Guy,
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Scheduled Monuments within South Dartmoor SSSI to be excluded from FCT targets Map 8

Legend

- Scheduled Monuments © Historic England
- South Dartmoor SSSI

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Annex 2 Location of features by unit

Unit number	Unit Name	Main habitat	L1 feature	L2 Features	SAC features
003	Foxtor Mires	BOGS - Upland	E1 Mire: Bog	Fen, marsh and swamp Short Sedge Acidic Fen Soakaway and sump	H7130 Blanket bog S1106 - atlantic salmon, salmo salar S1355 - otter, lutra lutra
008	Dean Moor (Dry Heath)	DWARF SHRUB HEATH - Upland	D5 - Heathland: Dry Heath/Acid Grassland Mosaic	Subalpine dwarf-shrub heath	4030 European dry heaths
009	Huntingdon Warren	DWARF SHRUB HEATH - Upland	D5 - Heathland: Dry Heath/Acid Grassland Mosaic	Subalpine dwarf-shrub heath	4030 European dry heaths
010	Brent Moor (Bog)	BOGS - Upland	E1 Mire: Bog	Blanket bog and valley bog (upland)	H7130 Blanket bog
021	High-House Waste	BOGS - Upland	E1 Mire: Bog	Blanket bog and valley bog (upland)	H7130 Blanket bog
057	Redlake Erme Pits	BOGS - Upland	E1 Mire: Bog	Acid grassland (upland) Blanket bog and valley bog (upland) Wet heath (upland) Subalpine dwarf-shrub heath	H7130 Blanket bog
058	South 2B	BOGS - Upland	E1 Mire: Bog	Blanket bog and valley bog (upland) FB Quarternary	H7130 Blanket Bog

Unit number	Unit Name	Main habitat	L1 feature	L2 Features	SAC features
059	Down Ridge Ter Hill	BOGS - Upland	E1 Mire: Bog	Acid grassland (upland) Blanket bog and valley bog (upland)	H7130 Blanket bog
060	Fox Tor Nun's Cross	BOGS - Upland	E1 Mire: Bog	Blanket bog and valley bog (upland) FB - Quaternary Of South-West England	H7130 Blanket bog
061	Willingswalls and Hentor Common	DWARF SHRUB HEATH - Upland	D5 - Heathland: Dry Heath/Acid Grassland Mosaic	Acid grassland (upland) Blanket bog and valley bog (upland) Wet heath (upland)	4010 North Atlantic wet heaths
062	Stall and Penn Commons	BOGS - Upland	E1 Mire: Bog	Wet heath (upland) Acid grassland (upland) Blanket bog and valley bog (upland)	4010 North Atlantic wet heaths H7130 Blanket bog S1106 - atlantic salmon, salmo salar S1355 - otter, lutra lutra
063	Ugborough and Harford Commons	BOGS - Upland	E1 Mire: Bog	Blanket bog and valley bog (upland) Wet heath (upland)	H7130 Blanket bog S1106 - atlantic salmon, salmo salar S1355 - otter, lutra lutra
065	Buckfastleigh Common	DWARF SHRUB HEATH - Upland	D5 - Heathland: Dry Heath/Acid Grassland Mosaic	Subalpine dwarf-shrub heath Wet heath (upland)	4030 European dry heaths 4010 North Atlantic wet heaths
067	Holne Moor	BOGS - Upland	E1 Mire: Bog	Acid grassland (upland) Blanket bog and valley bog (upland) Subalpine dwarf-shrub heath Wet heath (upland)	H7130 Blanket bog 4030 European dry heaths 4010 North Atlantic wet heaths

FOXTOR MIRES

259.92

Raised bog (lowland) - M1-3, M17-21

FOXTOR MIRES	259.92	Transition mire, ladder fen and quaking bog (upland)
DEAN MOOR (DRY HEATH)	47.99	Subalpine dwarf-shrub heath
HUNTINGDON WARREN	154.84	Subalpine dwarf-shrub heath
BRENT MOOR (BOG)	273.17	Blanket bog and valley bog (upland)
HIGH-HOUSE WASTE	59.35	Blanket bog and valley bog (upland)
Redlake Erme Pits	348.8	Acid grassland (upland)
Redlake Erme Pits	348.8	Blanket bog and valley bog (upland)
South 2B	691.4	Blanket bog and valley bog (upland)
South 2B	691.4	FB - Quaternary Of South-West England
Down Ridge Ter Hill	522.95	Blanket bog and valley bog (upland)
Fox Tor Nun's Cross	375.25	Blanket bog and valley bog (upland)
Fox Tor Nun's Cross	375.25	FB - Quaternary Of South-West England
Willingswalls and Hentor Common	1253.396	Acid grassland (upland)
Willingswalls and Hentor Common	1253.396	Blanket bog and valley bog (upland)
Willingswalls and Hentor Common	1253.396	Wet heath (upland)
Stall and Penn Commons	1682.58	Acid grassland (upland)
Stall and Penn Commons	1682.58	Atlantic salmon, <i>Salmo salar</i>
Stall and Penn Commons	1682.58	Blanket bog and valley bog (upland)
Stall and Penn Commons	1682.58	Otter, <i>Lutra lutra</i>
Stall and Penn Commons	1682.58	Subalpine dwarf-shrub heath
Ugborough and Harford Commons	539.1121	Atlantic salmon, <i>Salmo salar</i>
Ugborough and Harford Commons	539.1121	Blanket bog and valley bog (upland)
Ugborough and Harford Commons	539.1121	Otter, <i>Lutra lutra</i>
Ugborough and Harford Commons	539.1121	Wet heath (upland)
Buckfastleigh Common	298.014	Subalpine dwarf-shrub heath
Buckfastleigh Common	298.014	Wet heath (upland)
Holne Moor	606.3305	Acid grassland (upland)
Holne Moor	606.3305	Blanket bog and valley bog (upland)
Holne Moor	606.3305	Subalpine dwarf-shrub heath
Holne Moor	606.3305	Wet heath (upland)