



Historic England



The contribution of Heritage Assets to Biodiversity and Natural Capital in England - Practical Tools for Integrated Conservation

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Heritage assets - policy and practice

❖ **Heritage assets** - *“A building, monument, site, place, area or landscape identified as having a degree of significance meriting consideration in planning decisions, because of its heritage interest. Heritage asset includes designated heritage assets and assets identified by the local planning authority (including local listing).” (NPPF)*

❖ **Historic Environment** *“All aspects of the environment resulting from the interaction between people and places through time, including all surviving physical remains of past human activity, whether visible, buried or submerged, and landscaped and planted or managed flora.” (NPPF)*

❖ **Mechanisms for heritage protection**

- **Designation** (<https://historicengland.org.uk/advice/hpg/heritage-assets/nhle/> National Heritage List for England: SMs, LBs, Protected Wrecks, Registered Parks & Gardens, Registered Battlefields, WHS Conservation Area)
- **Development management through planning**
- **Agri-environment schemes**
- **Benevolent ownership**



Heritage policy and practise – significance and value

- ❖ **Significance:** *‘The value of a heritage asset to this and future generations because of its heritage interest. That interest may be archaeological, architectural, artistic or historic. Significance derives not only from a heritage asset’s physical presence, but also from its setting’ NPPF*
- ❖ **Cultural Heritage Capital:** the use and non-use value
- ❖ **Environmental value:** carbon, ecosystem services, biodiversity
- ❖ **Heritage Assets can be Natural Capital Assets**



Blackdown Hills AONB case study- An integrated approach to valuing heritage- Field boundaries and linear features

Project 7740
Tim Youngs & Bill Horner

Heritage, natural capital
and ecosystem services:
Coastal grazing marshes

Maria Medlycott
Project Officer

PLACE
SERVICES

Heritage, natural capital and ecosystem services: Trent Valley case study

presentation to
Historic England

Heritage, Natural Capital & Ecosystem Services Project Introduction Meeting

Historic England, 23 March 2018

Elizabeth Daly
March 2018



Heritage, Natural Capital and Ecosystem Services

Peak District Drystone Walls
Lower Severn Vale Linear Features
Buildings and their boundaries

John Powell
Jeremy Lake
Rob Berry

Tyne to Tees Marine Case Study
Dorset Stour Case Study

Antony Firth
Fjordr Limited

Heritage, natural capital and ecosystem
services:

Kent Coastal and Marine



Heritage and biodiversity – background

- ❖ Ecosystem services and heritage assets – dry stone walls, field boundaries, wrecks, water management features, buildings and boundaries
- ❖ Close relationship between heritage assets and certain habitats – chalk grassland, ancient woodland, parkland and wood pasture, coastal grazing marsh, farm buildings, peat lands,
- ❖ Little systematic investigation



FAO Climate Change @FAOclimate · Oct 25, 2019
RT @IPBES: #Biodiversity declines much slower on lands governed by #indigenous peoples

Their knowledge & practices are becoming recognized as necessary & complementary to modern #science

helping to advance understanding & management of #ecosystems
blogs.scientificamerican.com/observations/i...

South Downs National Park @sdnpa · Mar 3
Our landscape has been grazed by sheep for centuries and many of our rarest species are dependent on them.

Horseshoe vetch, on which the Adonis blue butterfly feeds & lays its eggs, can only grow because the sheep graze the longer grasses.

Simon Newman

#TuesdayThoughts



Invertebrate conservation value of colliery spoil habitats in South Wales

Written by Liam Olds

April 2019



The Countryman magazine @Countrymaned · Sep 9, 2019
#AnimalsInChurchesHour: Wed 11 Sept, 1-2pm
#LichensInChurches Churchyards in unpolluted areas provide extremely important refuges for many #lichens; British Lichen Society @BLSlichens has a group dedicated to the study & conservation of churchyard lichens
t.ly/ezMwE



Buglife @Buzz_dont_tweet · Oct 30, 2019
Habitat mosaics are incredibly important for invertebrates, this week we will be highlighting some of our advice sheets produced with @NaturalEngland for farmers and other land managers. Today we are looking at wood pasture with dead trees. cdn.buglife.org.uk/2019/08/HM-Woo...
[Show this thread](#)



Heritage and biodiversity – why does it matter?

- ❖ Holistic approach to our environment – mutual benefit
- ❖ Maximise potential for biodiversity in heritage assets
- ❖ Public engagement – people respond to human stories of places and the environment in the round



Photo Historic England: Victoria Gardens, Bath

Wessex Hill Forts and Habitats

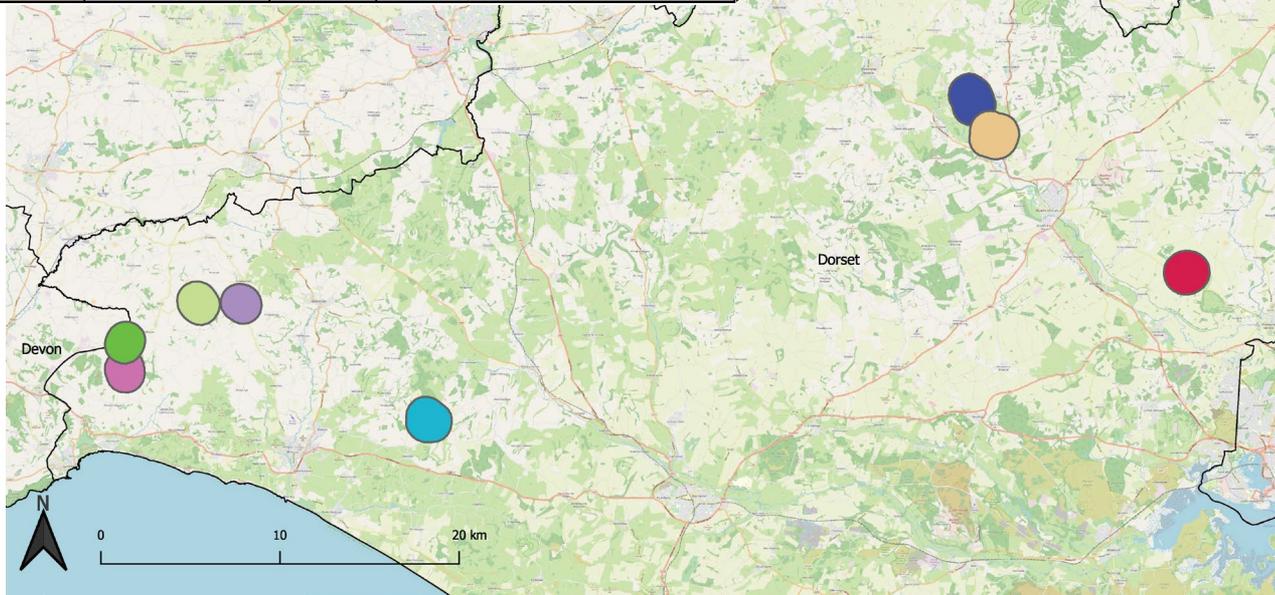
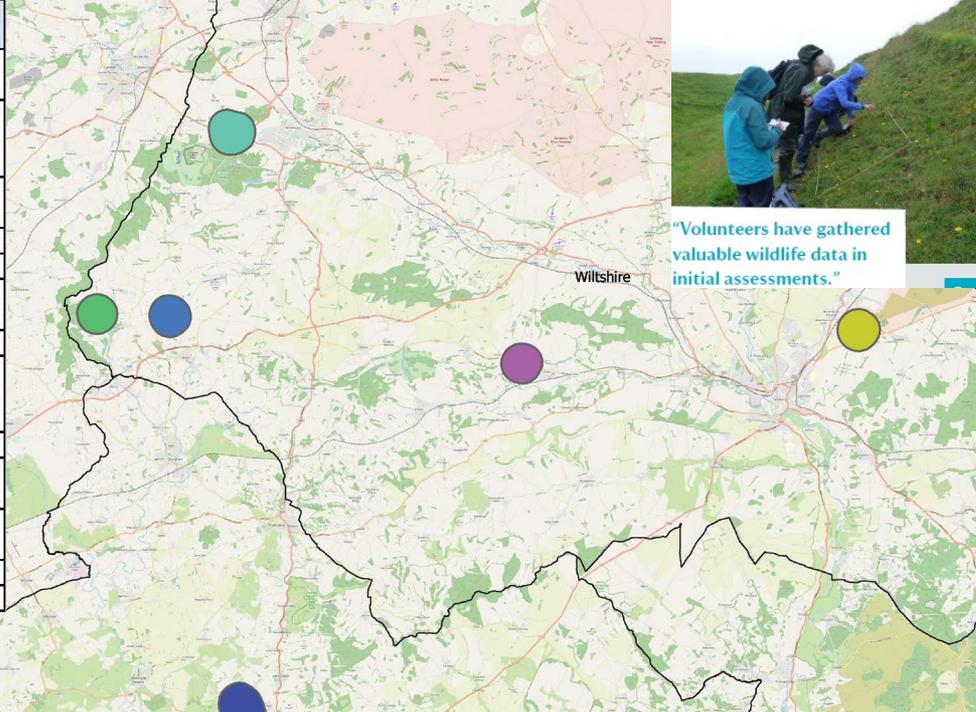


Photo: National Trust / Simon Ford
Hambleton Hill

Case Studies	Designated Sites	Ancient Woodland	Priority Habitat	
Lamberts Castle	SSSI, SAM		Deciduous woodland dry acid grassland	Lowland
Coneys Castle	CWS, SAM		Deciduous woodland Lowland dry acid grassland fens	Lowland
Pilsdon Pen	SAM		Lowland dry acid grassland heathland	Lowland
Lewesdon Hill	CWS, SAM	Y	Deciduous woodland	
Eggardon Hill	SSSI, SAC, SAM		Lowland calcareous grassland	
Badbury Rings	CWS, SAM		Lowland calcareous grassland Deciduous woodland	
Hambledon Hill	SSSI, NNR, SAM		Lowland calcareous grassland	
Hod Hill	SSSI, SAM	Y	Deciduous woodland Good quality semi-improved grassland Lowland calcareous grassland	
Park Hill Camp	CWS, SAM	Y	Deciduous woodland	
Whitesheet Hill	SSSI, SAM		Lowland calcareous grassland meadows	Lowland
Figsbury Ring	SSSI, SAC, SPA, SAM		Lowland calcareous grassland	
Wick Ball Camp	CWS, SAM		Deciduous woodland	
Cley Hill	SSSI, SAM		Lowland calcareous grassland	



"Volunteers have gathered valuable wildlife data in initial assessments."



Wessex Hillforts

- Badbury Rings
- Lambert's Castle
- Cley Hill
- Lewesdon
- Coney's Castle
- Park Hill Camp
- Eggardon Hill
- Pilsdon Pen
- Figsbury Ring
- Whitesheet Hill
- Hambledon Hill
- Wick Ball Camp



Hod Hill



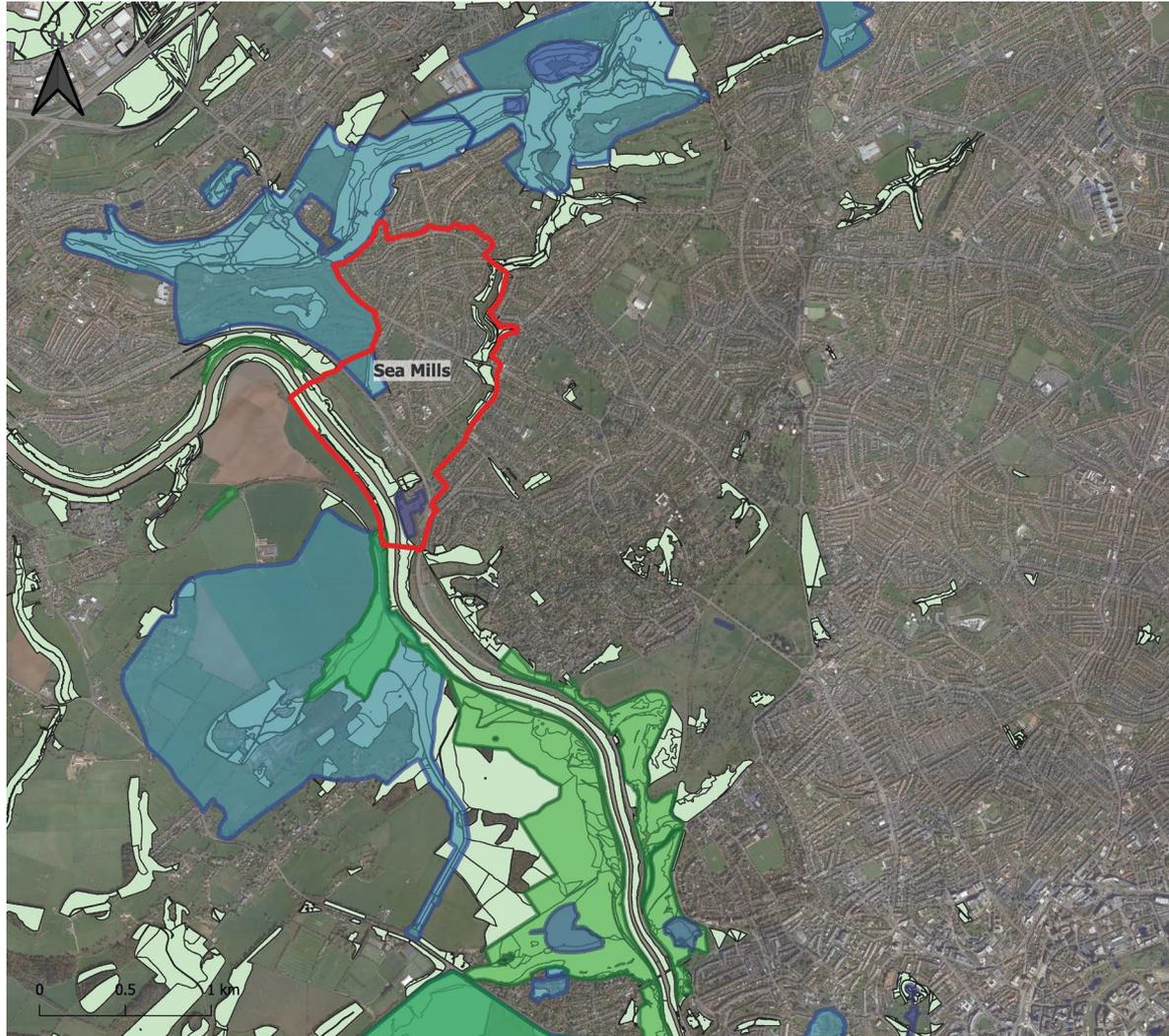
Wessex Hill Forts and Habitats Project

-  Hod Hill Camp & Lydsbury Rings
Scheduled Ancient Monument
-  Hod and Hambledon Hills SSSI

Priority Habitat

-  Deciduous woodland
-  Good quality semi-improved grassland
-  Lowland calcareous grassland
-  Ancient Woodland

Sea Mills Conservation Area



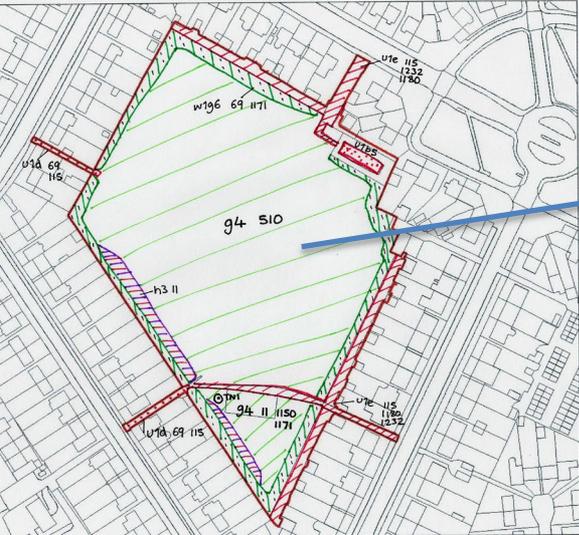
 Sea Mills Area Boundry

 Scheduled Monuments

 Parks and Gardens

 Priority Habitat

 SSSI



Bristol City Council

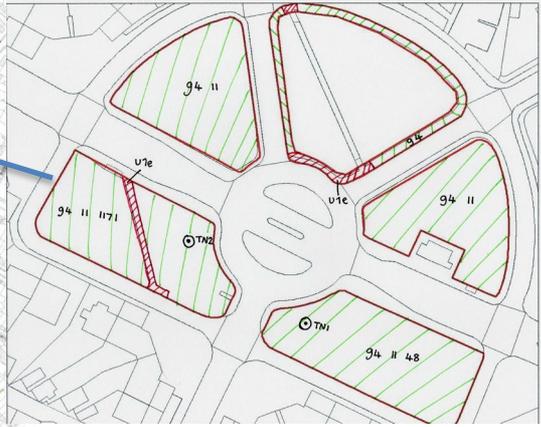
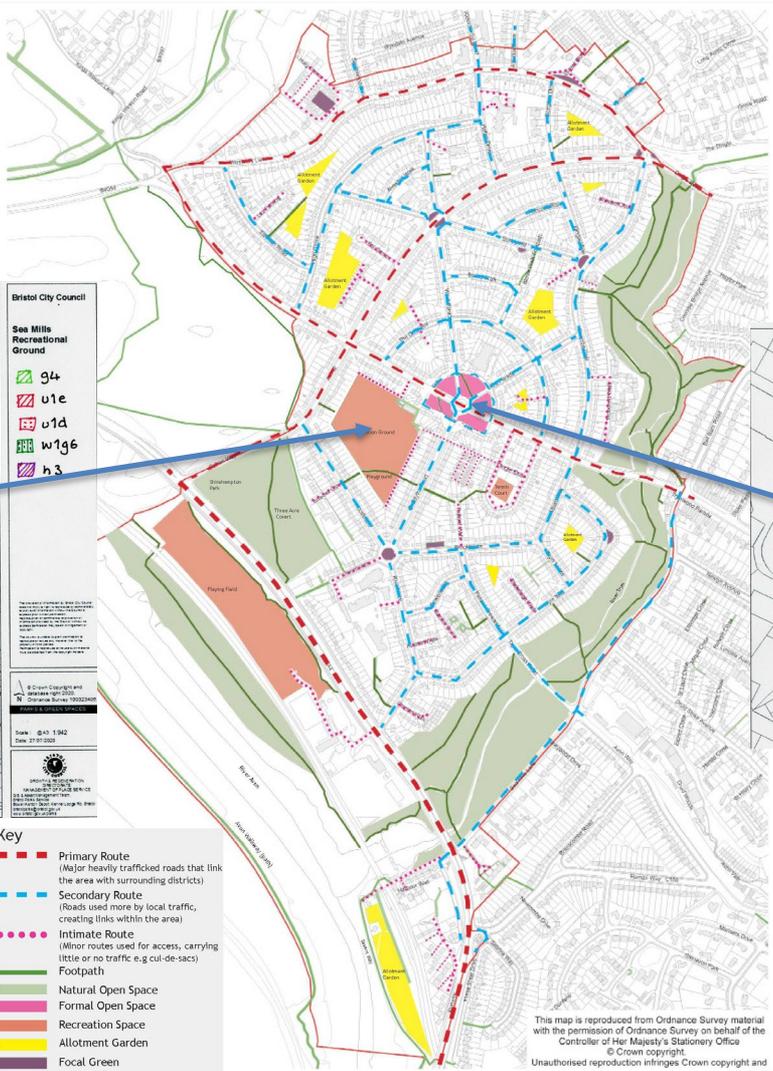
Sea Mills Recreational Ground

- g4
- u1e
- u1d
- w1q6
- h3

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Key

- Primary Route
(Major heavily trafficked roads that link the area with surrounding districts)
- Secondary Route
(Roads used more by local traffic, creating links within the area)
- Intimate Route
(Minor routes used for access, carrying little or no traffic e.g. cul-de-sacs)
- Footpath
- Natural Open Space
- Formal Open Space
- Recreation Space
- Allotment Garden
- Focal Green
- Conservation Area Boundary



Bristol City Council

Sea Mills Square

- g4e
- u1e

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Sea Mills Conservation Area



Bristol City Council
@BristolCouncil

Today people from across [#Bristol](#) helped to mark the centenary of the 1919 Addison Act, which was the start of the first significant era of council house building, by planting a tree at the new Ashton Rise development & hosting a birthday party at Sea Mills

[#HomesForHeroes100](#)

1:54 PM · Jun 4, 2019 · Twitter Web Client

28 Retweets 2 Quote Tweets 58 Likes



André & Sm... · Jun 4, 2019

Replying to [@BristolCouncil](#) [@MarvinRees](#) and 6 others

What on Earth has happened to Bristol City Council since ?



This Tweet was deleted by the Tweet author. [Learn more](#)

[Show replies](#)



sahmeepce @s... · Jun 5, 2019

Replying to [@BristolCouncil](#)



Historic England

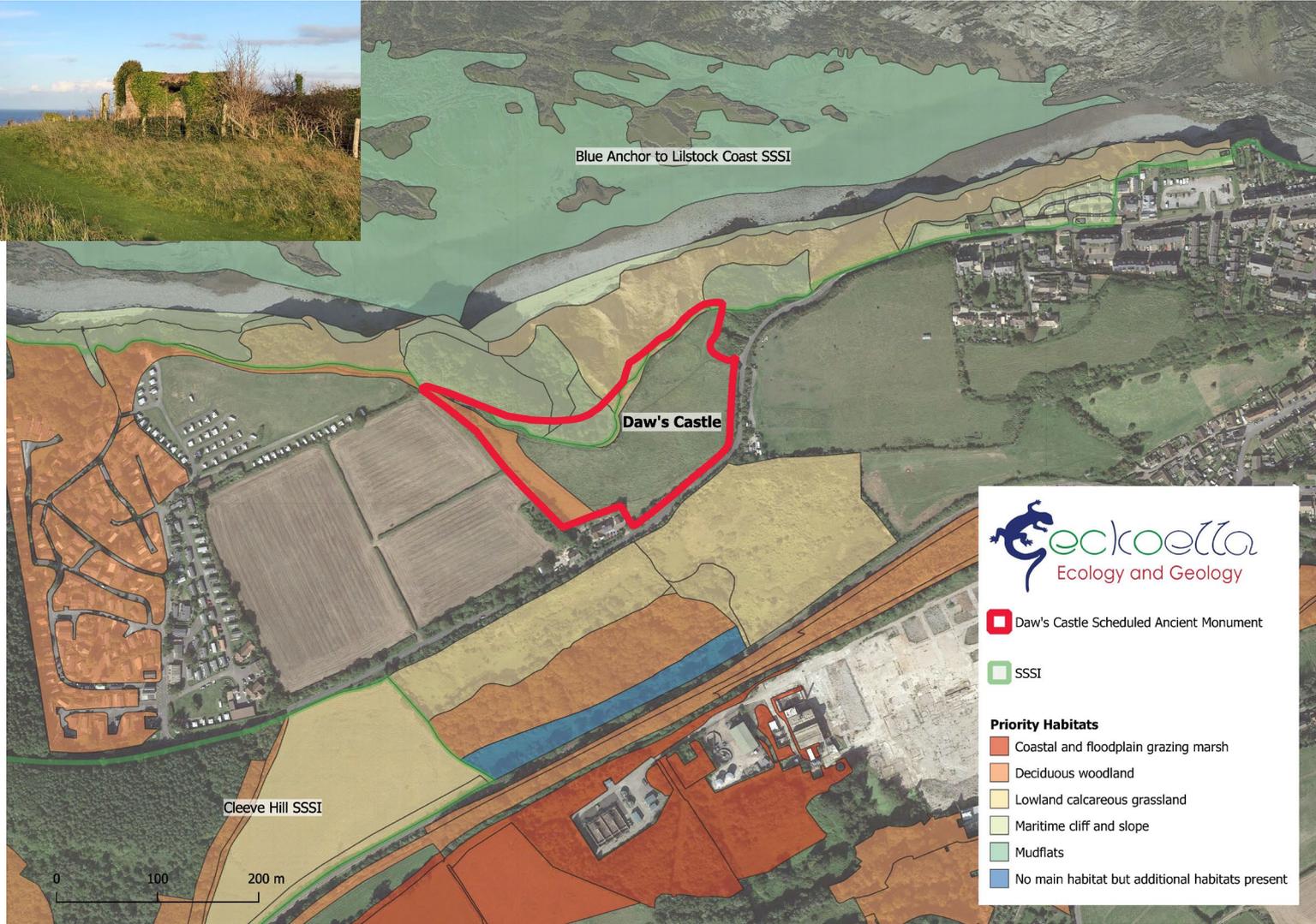
Daw's Castle Scheduled Ancient Monument



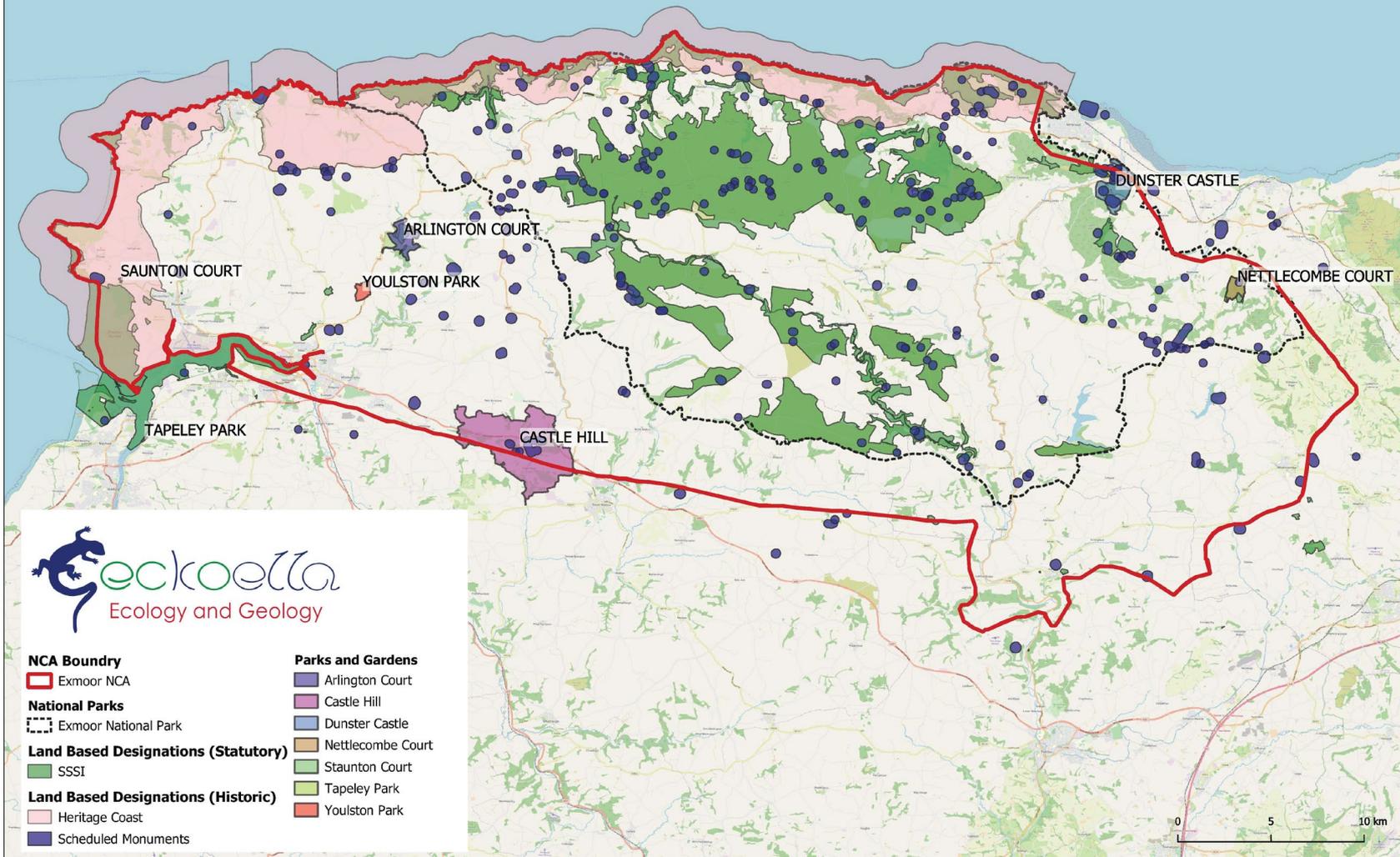
©Geckoella



Daw's Castle Scheduled Ancient Monument



Exmoor National Character Area



EXMOOR NATURE RECOVERY VISION



‘Nature in decline’ landscape



Nature Recovery landscape

“We realise that we cannot continue to segregate the themes biodiversity, landscape and cultural heritage if we are to address the ecological and climate emergencies. They are all underpinned by natural process and adaptive land management and it is only by working together, across these topics, that nature recovery and climate action will be achieved recognising natural beauty and cultural heritage are integral elements of National Park purposes.” Exmoor National Park Authority Report, November 2020

Heritage and biodiversity – why does it matter?

- ❖ Holistic approach to our environment – mutual benefit
- ❖ Maximise potential for biodiversity in heritage assets
- ❖ Public engagement

BUT Look at integration early on in a scheme



The Future...

- ❖ Integrated Assessments and Management?
- ❖ Shared understanding:
 - Better training / awareness for ecologists?
 - Better training / awareness for heritage professionals?
- ❖ Opportunities for holistic approach to the environment?
- ❖ e.g: ELMS? Nature Recovery Mapping? Environmental Net Gain? Protected landscape management strategies? Land use planning? Planning reforms? Carbon mitigation land use (peatland, tree planting)? Flood management schemes?



© H Fluck: Chichester harbour



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THANK YOU

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Questions and thoughts??

Report: Heritage, natural capital and ecosystem services: case studies: The Blackdown Hills AONB case study: An integrated approach to valuing environmental capital and services (boundaries and linear landscape features). Tim Youngs and Bill Horner.

Link: blackdownhillsaonb.org.uk/wp-content/uploads/2019/05/historic-england-field-boundary-project-report.pdf

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Link: research.historicengland.org.uk/Report.aspx?i=16225&ru=%2fResults.aspx%3fp%3d1%26n%3d10%26tsk%3dHeritage%252C%2bNatural%2bCapital%2band%2bEcosystem%2bservices%26ns%3d1

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