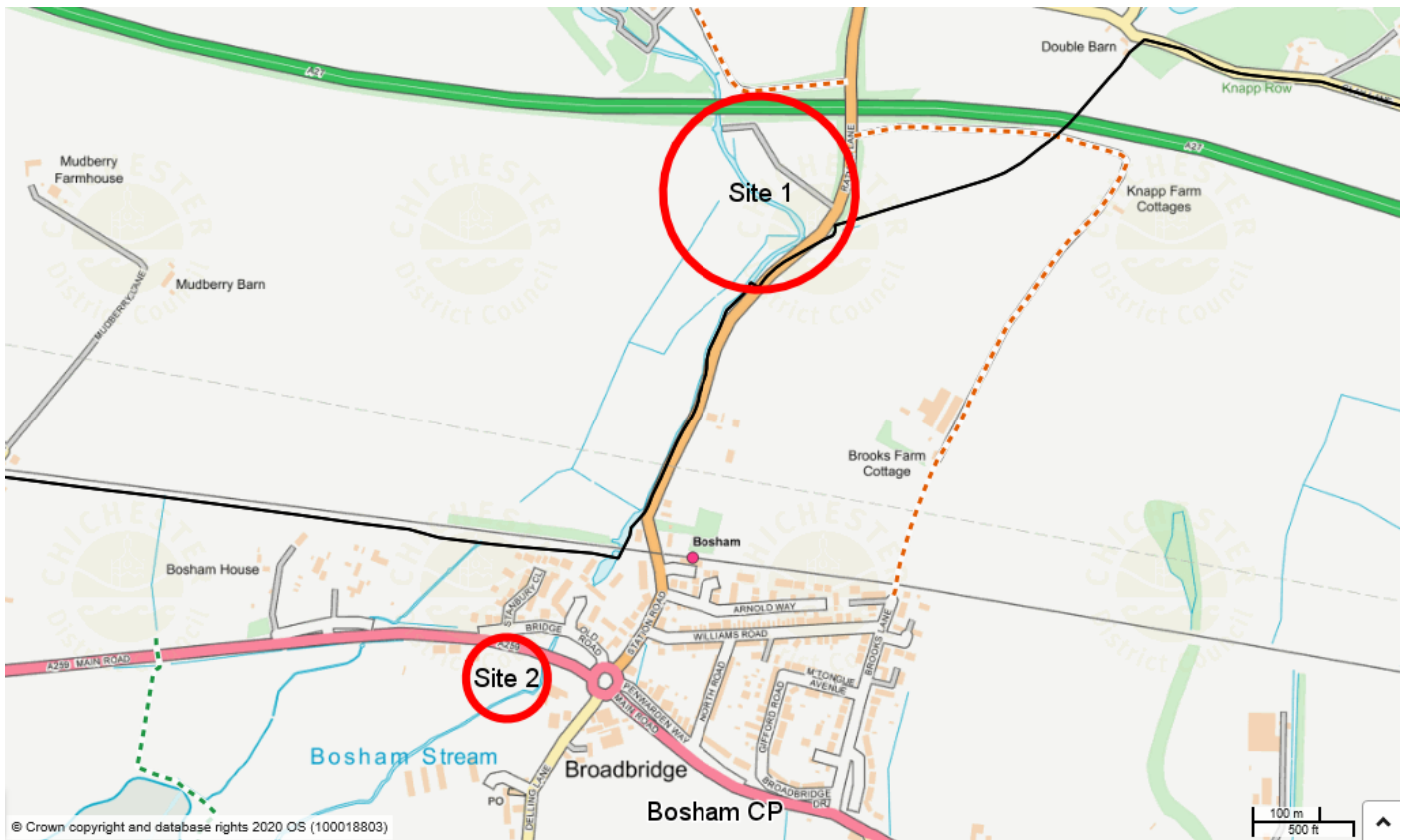


**Water vole survey 25/03/2021 – Sarah Hughes (Community Wildlife Officer) Bosham Chalk Stream**



**Site 1 – Chalk Stream - Grid Ref.: SU 81375 05999**

Ford, northern end adjacent to A27



Northern west bank



Horse's field western bank



Horse's field southern view



Western bank



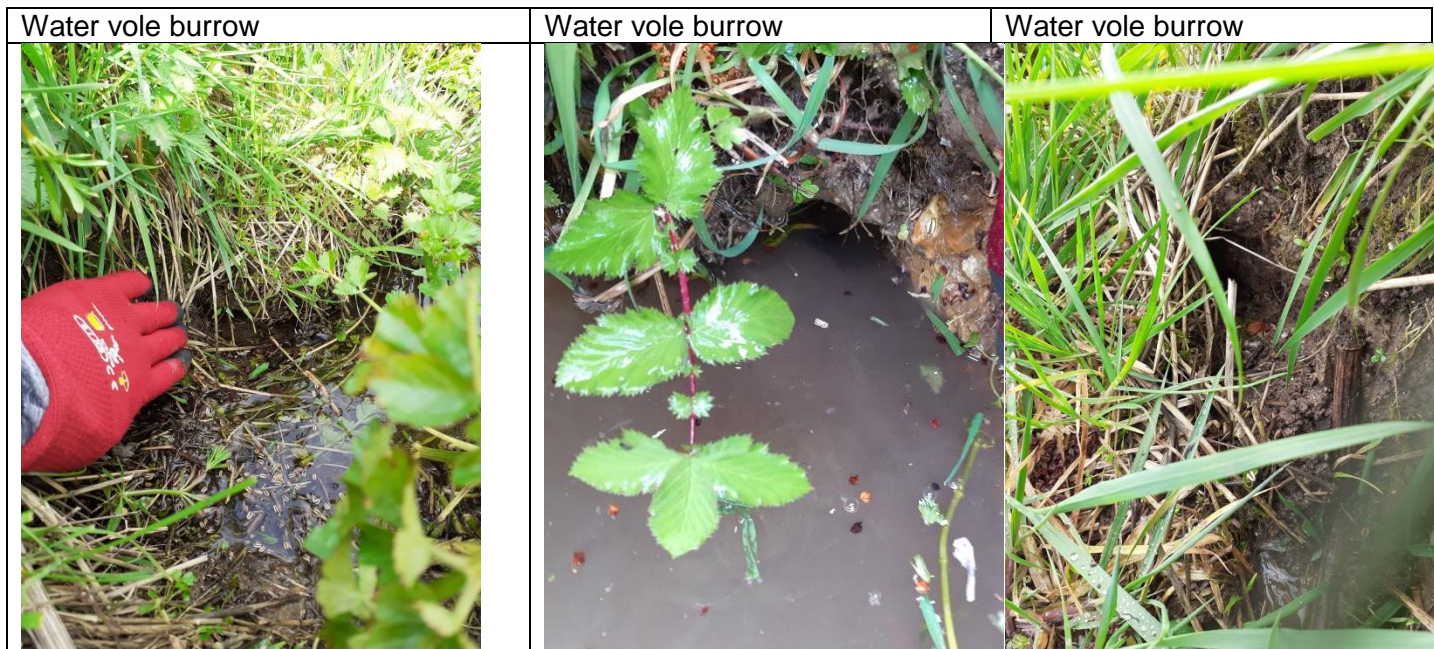
Stream off the main river



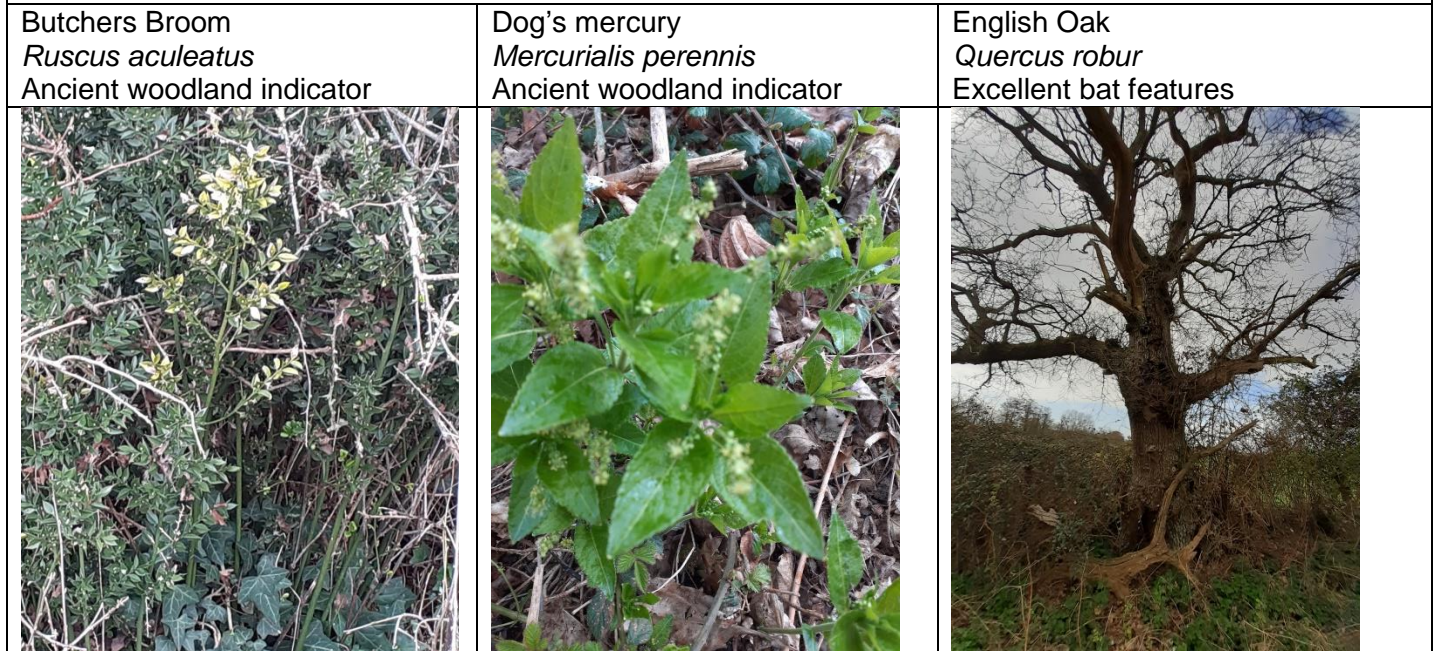
<b>Site 1 - Plant list (marginal area only) Grid Ref.: SU 81375 05999</b>			
<b>No.</b>	<b>Common Name</b>	<b>Latin Name</b>	<b>DAFOR scale</b>
1	Bramble	<i>Rubus fruticosus</i>	Abundant
2	Broad-leaved dock	<i>Rumex obtusifolius</i>	Abundant
3	Cleavers	<i>Galium aparine</i>	Abundant
4	Common daisy	<i>Bellis perennis</i>	Occasional
5	Common dandelion	<i>Taraxacum officinale</i>	Occasional
6	Common mouse-ear	<i>Cerastium fontanum</i>	Occasional
7	Common ragwort	<i>Senecio jacobaea</i>	Occasional
8	Common reed	<i>Phragmites australis</i>	Dominant (in one area)
9	Cow parsley	<i>Anthriscus sylvestris</i>	Occasional
10	Creeping buttercup	<i>Ranunculus repens</i>	Dominant
11	Curled dock	<i>Rumex crispus</i>	Abundant
12	Cut-leaved crane's-bill	<i>Geranium dissectum</i>	Abundant
13	Fool's-water-cress	<i>Helosciadium nodiflorum</i>	Occasional
14	Greater plantain	<i>Plantago major</i>	Occasional
15	Groundsel	<i>Senecio vulgaris</i>	Occasional
16	Hemlock water dropwort	<i>Oenanthe crocata</i>	Dominant
17	Lords-and-ladies	<i>Arum maculatum</i>	Rare
18	Ivy	<i>Hedera helix</i>	Occasional
19	Lesser celandine	<i>Ranunculus ficaria</i>	Occasional
20	Red dead-nettle	<i>Lamium purpureum</i>	Abundant
21	Stinging nettle	<i>Urtica dioica</i>	Abundant
22	Spear thistle	<i>Cirsium vulgare</i>	Occasional
23	Teasel	<i>Dipsacus fullonum</i>	Occasional
24	Water mint	<i>Mentha aquatica</i>	Occasional
25	White dead-nettle	<i>Lamium album</i>	Occasional
26	Willow herb sp.	<i>Epilobium sp.</i>	Occasional
27	Yellow iris	<i>Iris pseudacorus</i>	Rare

<b>Site 1 – Water vole evidence Grid Ref.: SU 81375 05999</b>		
<b>Water vole latrine on the mink raft</b>	<b>Water vole latrine &amp; footprints</b>	<b>Water vole feeding station</b>
 A photograph showing a dark, rectangular mink raft floating on water. A small, dark, circular object, likely a water vole latrine, is circled in red on the raft's surface. A person's hand is visible in the foreground, pointing towards the raft.	 A close-up photograph of a water vole latrine, showing a dark, circular object surrounded by mud and debris. A person's hand is visible in the foreground, pointing towards the latrine.	 A close-up photograph of a water vole feeding station, showing a pile of green, leafy vegetation and stems, likely used by the water vole for feeding.

Water vole feeding evidence	Water vole feeding station	Water vole feeding evidence
		
Water vole pathway, feeding & latrine	Water vole feeding evidence	Water vole feeding station
		
Water vole feeding station & latrine	Water vole feeding evidence	Water vole feeding station
		



**Site 1 – Additional notes of interest Grid Ref.: SU 81375 05999**



**Site 2 – Chalk Stream - Grid Ref.: SU 81029 05254**



<b>Site 2 - Plant list (marginal area only) Grid Ref.: SU 81029 05254</b>			
<b>No.</b>	<b>Common Name</b>	<b>Latin Name</b>	<b>DAFOR</b>
	Bramble	<i>Rubus fruticosus</i>	Occasional
	Bristly oxtongue	<i>Helminthotheca echioides</i>	Occasional
	Cleavers	<i>Galium aparine</i>	Abundant
	Common dandelion	<i>Taraxacum officinale</i>	Abundant
	Cow parsley	<i>Anthriscus sylvestris</i>	Occasional
	Curley dock	<i>Rumex crispus</i>	Occasional
	Hairy Bitter-cress	<i>Cardamine hirsuta</i>	Abundant
	Hemlock water dropwort	<i>Oenanthe crocata</i>	Dominant
	Ivy	<i>Hedera helix</i>	Abundant
	Lesser celandine	<i>Ranunculus ficaria</i>	Dominant
	Lords-and-ladies	<i>Arum maculatum</i>	Rare
	Red dead nettle	<i>Lamium purpureum</i>	Abundant
	Rush sp.	<i>Juncus sp.</i>	Rare
	Stinging nettle	<i>Urtica dioica</i>	Dominant
	Spear thistle	<i>Cirsium vulgare</i>	Occasional
	Water forget-me-not	<i>Myosotis scorpioides</i>	Rare
	Water mint	<i>Mentha aquatica</i>	Occasional

<b>Site 2 – Water vole evidence Grid Ref.: SU 81029 05254</b>		
<b>Water vole burrow</b>	<b>Water vole burrow</b>	<b>Water vole burrow</b>
		
		

Feeding evidence / feeding station	Feeding evidence	Feeding evidence
		
Water vole latrine	Water vole latrine	Burrow and droppings
		

Water voles *Arvicola amphibious* have experienced one of the most rapid and serious declines of any British wild mammal ever.

By the end of the 1990s we had lost more than 90% of our nation's water voles. This was due to habitat loss and fragmentation during the 20th century and more recent pressures from non-native American mink.

A recent report estimated a further 30% decline in the places where water voles live in England and Wales between 2006-2015.

Under the proposed Strategic Wildlife Corridor project, we have funding to assist with biodiversity enhancements, which could include fencing (to reduce the poaching by animals, particularly sheep or horses), pre planted coir rolls, further planting etc.

Details on managing land for water voles can be found on the following link - <https://assets.sussexwildlifetrust.org.uk/managing-land-for-water-voles.pdf>

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