

MILTON COMMON

10/09/2007-12/09/2007

Site Details

Grid Reference: SU67300070
Total Area: 40 Ha
Unitary Authority: Portsmouth
Vice-County: South Hampshire

Survey Details

Survey Type: Phase II
Survey Date: 10/09/2007-12/09/2007
Data Owned By: Hants Biodiversity Information Centre Partnership
Data Recorded By: Joel Miller, HBIC

Site Summary

The site is a very large area of grassland, scrub and ponds located on the edge of Langstone Harbour, on the edge of Portsmouth. The site is reclaimed intertidal land from around 40 years ago. The grassland present ranges from amenity to rough sward. The rough grassland has developed a good diversity of species, with a strong coastal element. There is extensive dense and scattered scrub throughout the site, especially to the east. There are three ponds present, which provide some stands of swamp. The coastal edge of the site supports salt-marsh vegetation. Overall the species diversity is excellent, with nearly 200 species noted within the common. These include 3 acid/neutral grassland indicators and the Nationally Rare *Bupleurum tenuissimum* and *Lathyrus aphaca*, the Nationally Scarce *Medicago polymorpha*, and the County Scarce *Smyrnum olusatrum* and *Linum bienne*.

Site Features

Geology ALLUVIUM
 Geology VALLEY GRAVEL & BRICKEARTH
 Invasive Species Japanese Knotweed

BAP Habitats

<u>BAP Priority Habitats</u>	<u>Area (%)</u>
Reedbeds	3

BAP/Notable Species

<u>UK BAP Priority Species</u>	<u>Status</u>
<i>Bupleurum tenuissimum</i> (Slender Hare's-Ear)	UKBAP/NR
<i>Sturnus vulgaris</i> (Starling)	UKBAP

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Hampshire BAP Priority Species

Cettia cetti (Cetti's Warbler)

Lathyrus aphaca (Yellow Vetchling)

Status

HBAP

HBAP/NR

Other Notable Species

Linum bienne (Pale Flax)

Medicago polymorpha (Toothed Medick)

Smyrniium olusatrum (Alexanders)

Status

CS

NS

CS

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Habitats Recorded

BAP Priority Habitats

	<u>Area (%)</u>
Reedbeds	3

National Vegetation Classifications

	<u>Area (%)</u>
MG1, Arrhenatherum elatius grassland	47
W24b, Arrhenatherum elatius-Heracleum sphondylium sub-community	14
OV23a, Typical sub-community	12
MG12a, Lolium perenne-Holcus lanatus sub-community	7
S26b, Arrhenatherum elatius sub-community	3
S4b, Galium palustre sub-community	3
W22c, Dactylis glomerata sub-community	3
OV24b, Arrhenatherum elatius-Rubus fruticosus agg. sub-community	2
SM24, Elymus pycnanthus saltmarsh	2
OV21c, Polygonum aviculare-Ranunculus repens sub-community	1
S21a, Scirpus maritimus sub-community	1

Species Recorded

<u>Taxon Latin Name</u>	<u>Taxon Common Name</u>	<u>Frequency</u>	<u>Status</u>
<i>Acer pseudoplatanus</i>	Sycamore	R	
<i>Achillea millefolium</i>	Yarrow	OLF	
<i>Achillea ptarmica</i>	Sneezewort	R	
<i>Aegopodium podagraria</i>	Ground-Elder	R	
<i>Agrimonia eupatoria</i>	Agrimony	R	
<i>Agrostis stolonifera</i>	Creeping Bent	F	
<i>Allium vineale</i>	Wild Onion	R	
<i>Alnus incana</i>	Grey Alder	R	
<i>Alopecurus geniculatus</i>	Marsh Foxtail	R	
<i>Alopecurus pratensis</i>	Meadow Foxtail	R	
<i>Anagallis arvensis</i>	Scarlet Pimpernel	R	
<i>Anisantha sterilis</i>	Barren Brome	R	
<i>Anthriscus sylvestris</i>	Cow Parsley	R	
<i>Arctium minus</i>	Lesser Burdock	R	
<i>Armoracia rusticana</i>	Horse-Radish	OLF	
<i>Arrhenatherum elatius</i>	False Oat-Grass	A	
<i>Artemisia verlotiorum</i>	Chinese Mugwort	RLF	
<i>Artemisia vulgaris</i>	Mugwort	O	
<i>Aster</i>	Michaelmas-Daisy	OLF	
<i>Atriplex littoralis</i>	Grass-Leaved Orache	RLO	
<i>Atriplex patula</i>	Common Orache	OLF	
<i>Atriplex prostrata</i>	Spear-Leaved Orache	RLF	
<i>Bellis perennis</i>	Daisy	OLF	
<i>Beta vulgaris</i>	Beet	RLF	

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<i>Betula pendula</i>	Silver Birch	R	
<i>Bolboschoenus maritimus</i>	Sea Club-Rush	RLA	
<i>Bromus hordeaceus</i>	Soft-Brome	O	
<i>Buddleja davidii</i>	Butterfly-Bush	R	
<i>Bupleurum tenuissimum</i>	Slender Hare's-Ear	R	UKBAP/NR
<i>Calystegia sepium</i>	Hedge Bindweed	OLA	
<i>Capsella bursa-pastoris</i>	Shepherd's-Purse	R	
<i>Carex divulsa</i>	Grey Sedge	R	
<i>Carex hirta</i>	Hairy Sedge	R	
<i>Carex otrubae</i>	False Fox-Sedge	R	
<i>Carex spicata</i>	Spiked Sedge	R	
<i>Centaurea nigra</i>	Common Knapweed	O	
<i>Cerastium fontanum</i>	Common Mouse-Ear	O	
<i>Chenopodium album</i>	Fat-Hen	R	
<i>Cichorium intybus</i>	Chicory	R	
<i>Cirsium arvense</i>	Creeping Thistle	OLF	
<i>Cirsium vulgare</i>	Spear Thistle	R	
<i>Clematis</i>	Clematis	RLF	
<i>Conium maculatum</i>	Hemlock	R	
<i>Convolvulus arvensis</i>	Field Bindweed	F	
<i>Conyza canadensis</i>	Canadian Fleabane	R	
<i>Cornus sanguinea</i>	Dogwood	R	
<i>Coronopus didymus</i>	Lesser Swine-Cress	R	
<i>Cotoneaster</i>	Cotoneaster	R	
<i>Crataegus monogyna</i>	Hawthorn	R	
<i>Crepis capillaris</i>	Smooth Hawk's-Beard	OLF	
<i>Cynosurus cristatus</i>	Crested Dog's-Tail	R	
<i>Dactylis glomerata</i>	Cock's-Foot	F	
<i>Daucus carota</i>	Wild Carrot	F	
<i>Diplotaxis tenuifolia</i>	Perennial Wall-Rocket	RLF	
<i>Dipsacus fullonum</i>	Wild Teasel	O	
<i>Elytrigia atherica</i>	Sea Couch	RLA	
<i>Elytrigia repens</i>	Common Couch	FLA	
<i>Epilobium ciliatum</i>	American Willowherb	R	
<i>Epilobium hirsutum</i>	Great Willowherb	RLF	
<i>Erodium cicutarium</i>	Common Stork's-Bill	R	
<i>Fallopia japonica</i>	Japanese Knotweed	OLA	
<i>Festuca arundinacea</i>	Tall Fescue	FLA	
<i>Festuca rubra</i>	Red Fescue	FLA	
<i>Foeniculum vulgare</i>	Fennel	OLF	
<i>Fraxinus excelsior</i>	Ash	R	
<i>Galium aparine</i>	Cleavers	O	
<i>Geranium molle</i>	Dove's-Foot Crane's-Bill	O	
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	R	
<i>Hedera helix</i>	Ivy	R	
<i>Helictotrichon pratense</i>	Meadow Oat-Grass	R	
<i>Heracleum sphondylium</i>	Hogweed	OLF	
<i>Holcus lanatus</i>	Yorkshire-Fog	OLF	
<i>Hordeum murinum</i>	Wall Barley	F	
<i>Hypericum perforatum</i>	Perforate St. John's-Wort	R	
<i>Hypochaeris radicata</i>	Cat's-Ear	R	

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<i>Iris pseudacorus</i>	Yellow Iris	R	
<i>Juncus bufonius</i>	Toad Rush	RLA	
<i>Juncus inflexus</i>	Hard Rush	O	
<i>Laburnum anagyroides</i>	Laburnum	R	
<i>Lactuca serriola</i>	Prickly Lettuce	OLF	
<i>Lamium album</i>	White Dead-Nettle	R	
<i>Lamium purpureum</i>	Red Dead-Nettle	O	
<i>Lathyrus aphaca</i>	Yellow Vetchling	R	HBAP/NR
<i>Lathyrus latifolius</i>	Broad-Leaved Everlasting-Pea	R	
<i>Lathyrus nissolia</i>	Grass Vetchling	RLO	
<i>Lathyrus pratensis</i>	Meadow Vetchling	RLF	
<i>Leontodon autumnalis</i>	Autumnal Hawkbit	R	
<i>Leontodon hispidus</i>	Rough Hawkbit	R	
<i>Lepidium draba</i>	Hoary Cress	O	
<i>Leucanthemum vulgare</i>	Oxeye Daisy	R	
<i>Ligustrum ovalifolium</i>	Garden Privet	R	
<i>Linaria purpurea</i>	Purple Toadflax	R	
<i>Linum bienne</i>	Pale Flax	R	CS
<i>Lolium perenne</i>	Perennial Rye-Grass	FLA	
<i>Lotus corniculatus</i>	Common Bird's-Foot-Trefoil	R	
<i>Malus domestica</i>	Apple	R	
<i>Malva sylvestris</i>	Common Mallow	OLF	
<i>Matricaria discoidea</i>	Pineapple Weed	R	
<i>Medicago arabica</i>	Spotted Medick	OLA	
<i>Medicago lupulina</i>	Black Medick	R	
<i>Medicago polymorpha</i>	Toothed Medick	RLF	NS
<i>Medicago sativa</i>	Medick	O	
<i>Melilotus albus</i>	White Melilot	O	
<i>Melilotus altissimus</i>	Tall Melilot	R	
<i>Mercurialis annua</i>	Annual Mercury	R	
<i>Odontites vernus</i>	Red Bartsia	O	
<i>Papaver rhoeas</i>	Common Poppy	R	
<i>Pastinaca sativa</i>	Wild Parsnip	RLF	
<i>Persicaria amphibia</i>	Amphibious Bistort	O	
<i>Pbleum pratense</i>	Timothy	OLF	
<i>Phragmites australis</i>	Common Reed	OLD	
<i>Picris echioides</i>	Bristly Oxtongue	F	
<i>Plantago coronopus</i>	Buck's-Horn Plantain	OLA	
<i>Plantago lanceolata</i>	Ribwort Plantain	OLF	
<i>Plantago major</i>	Greater Plantain	O	
<i>Poa annua</i>	Annual Meadow-Grass	F	
<i>Poa pratensis</i>	Smooth Meadow-Grass	O	
<i>Poa trivialis</i>	Rough Meadow-Grass	R	
<i>Polygonum aviculare</i> agg.	Knotgrass agg.	O	
<i>Populus</i>	Poplar	R	
<i>Potentilla anserina</i>	Silverweed	R	
<i>Potentilla reptans</i>	Creeping Cinquefoil	F	
<i>Prunella vulgaris</i>	Selfheal	R	
<i>Prunus domestica</i>	Wild Plum	R	
<i>Prunus spinosa</i>	Blackthorn	R	
<i>Pulicaria dysenterica</i>	Common Fleabane	R	

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<i>Quercus robur</i>	Pedunculate Oak	R	
<i>Ranunculus repens</i>	Creeping Buttercup	OLF	
<i>Ranunculus sceleratus</i>	Celery-Leaved Buttercup	R	
<i>Raphanus raphanistrum</i>	Wild Radish	RLF	
<i>Reseda luteola</i>	Weld	O	
<i>Rosa canina</i>	Dog Rose	R	
<i>Rubus fruticosus agg.</i>	Bramble	FLD	
<i>Rumex crispus</i>	Curled Dock	R	
<i>Rumex obtusifolius</i>	Broad-Leaved Dock	O	
<i>Salix alba</i>	White Willow	R	
<i>Salix caprea</i>	Goat Willow	R	
<i>Salix cinerea</i>	Grey Willow	R	
<i>Salix fragilis</i>	Crack Willow	R	
<i>Salix viminalis</i>	Osier	R	
<i>Sambucus nigra</i>	Elder	O	
<i>Senecio aquaticus</i>	Marsh Ragwort	R	
<i>Senecio jacobaea</i>	Common Ragwort	OLF	
<i>Senecio vulgaris</i>	Groundsel	R	
<i>Silene latifolia</i>	White Campion	R	
<i>Sison amomum</i>	Stone Parsley	R	
<i>Sisymbrium officinale</i>	Hedge Mustard	OLF	
<i>Smyrniolum olusatrum</i>	Alexanders	R	CS
<i>Solanum dulcamara</i>	Bittersweet	R	
<i>Solidago canadensis</i>	Canadian Goldenrod	R	
<i>Sonchus asper</i>	Prickly Sow-Thistle	R	
<i>Sonchus oleraceus</i>	Smooth Sow-Thistle	R	
<i>Sorbus aria</i>	Whitebeam	R	
<i>Spartium junceum</i>	Spanish Broom	R	
<i>Spergularia media</i>	Greater Sea-Spurrey	R	
<i>Stachys sylvatica</i>	Hedge Woundwort	R	
<i>Stellaria graminea</i>	Lesser Stitchwort	O	
<i>Stellaria media</i>	Common Chickweed	RLF	
<i>Tanacetum vulgare</i>	Tansy	OLF	
<i>Taraxacum officinale agg.</i>	Dandelion	OLF	
<i>Tragopogon pratensis</i>	Goat's-Beard	R	
<i>Trifolium campestre</i>	Hop Trefoil	R	
<i>Trifolium dubium</i>	Lesser Trefoil	R	
<i>Trifolium pratense</i>	Red Clover	O	
<i>Trifolium repens</i>	White Clover	OLF	
<i>Tripleurospermum inodorum</i>	Scentless Mayweed	O	
<i>Tussilago farfara</i>	Colt's-Foot	O	
<i>Typha angustifolia</i>	Lesser Bulrush	R	
<i>Ulmus procera</i>	English Elm	R	
<i>Urtica dioica</i>	Common Nettle	OLA	
<i>Verbascum thapsus</i>	Great Mullein	R	
<i>Verbena officinalis</i>	Vervain	R	
<i>Veronica persica</i>	Common Field-Speedwell	R	
<i>Vicia cracca</i>	Tufted Vetch	O	
<i>Vicia hirsuta</i>	Hairy Tare	R	
<i>Vicia sativa</i>	Common Vetch	O	
<i>Vulpia myuros</i>	Rat's-Tail Fescue	R	

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Zannichellia palustris Horned Pondweed RLA

<u>Taxon Latin Name</u>	<u>Taxon Common Name</u>	<u>Present</u>	<u>Status</u>
<i>Anas platyrhynchos</i>	Mallard	P	
<i>Anthus pratensis</i>	Meadow Pipit	P	
<i>Aythya fuligula</i>	Tufted Duck	P	
<i>Cettia cetti</i>	Cetti's Warbler	P	HBAP
<i>Corvus corone</i>	Carrion/Hooded Crow	P	
<i>Cygnus olor</i>	Mute Swan	P	
<i>Erithacus rubecula</i>	Robin	P	
<i>Fulica atra</i>	Coot	P	
<i>Gallinula chloropus</i>	Moorhen	P	
<i>Larus ridibundus</i>	Black-Headed Gull	P	
<i>Oenanthe oenanthe</i>	Wheatear	P	
<i>Parus caeruleus</i>	Blue Tit	P	
<i>Parus major</i>	Great Tit	P	
<i>Pica pica</i>	Magpie	P	
<i>Sturnus vulgaris</i>	Starling	P	UKBAP
<i>Turdus merula</i>	Blackbird	P	

Species Summary

Total no. of species:	194
No. of woodland species:	50
No. of AWVP indicators (*):	0
No. of acid/neutral grassland indicators (‡):	3

Notes

Indicators:

Ancient Woodland Vascular Plants (AWVP) - species most strongly associated with ancient woodland and are typical components of botanically rich ancient woodland communities

Acid/neutral grassland indicators - species which seldomly occur outside of unimproved acid/neutral grasslands or are indicative of a long period of uninterrupted grassland management

Chalk grassland indicators - species characteristic of unimproved chalk downland or have a strong affinity to calcareous soils

Habitats:

BAP Priority: Habitats identified as the highest priority for conservation action in the UK

NVC: A system of classifying natural habitat types according to the vegetation they contain

Phase 1: A standardised system for surveying, classifying and mapping wildlife habitats including urban areas

Peterken: A stand type classification that describes only woodland

Species:

Frequency: D=dominant A=abundant F=frequent O=occasional R=rare L=locally

Frequencies within brackets () indicate non-native occurrences.

Status codes:

NR Nationally Rare	CR County Rare	nHR North Hampshire Rare (within Vice-County 12)
NS Nationally Scarce	CS County Scarce	nHS North Hampshire Scarce (within Vice-County 12)
NI Nationally Important	CI County Important	sHR South Hampshire Rare (within Vice-County 11)
		sHS South Hampshire Scarce (within Vice-County 11)

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