

County Wildlife Site name	Meadow Farm Meadow
County Wildlife Site number	199
Grid reference	TG 193 049
Parish	Cringleford / Keswick
District	South Norfolk
Area (ha)	4.47
Notification category & UKHab code	Grassland; g3, f2f, h3, w1f

Site description:

This is an interesting and diverse area of dry and marshy grassland which is grazed by horses, and in some parts goats, and contains areas of spring activity, tall fen, scrub and woodland. A stream runs along the southern edge of the site and the A47 crosses to the west.

The grassland in the western half of the site is the most diverse. The topography is slightly undulating with shallow ant hills present. The grass component of the sward includes Yorkshire fog *Holcus lanatus*, perennial rye-grass *Lolium perenne*, creeping bent *Agrostis stolonifera*, squirreltail fescue *Vulpia bromoides*, red fescue *Festuca rubra* and tufted hair-grass *Deschampsia cespitosa*. Where conditions are drier, the sward is short and open with frequent/abundant wildflowers including selfheal *Prunella vulgaris*, ribwort plantain *Plantago lanceolata*, smooth hawk's-beard *Crepis capilaris*, white clover *Trifolium repens*, creeping cinquefoil *Potentilla repens* and black medick *Medica lupulina*. Common centaury *Centaureum erythraea* and common cudweed *Filago vulgaris* are locally frequent whilst there is occasional red bartsia *Odontites vernus*, hoary mullein *Verbascum pulverulentum* and scarlet pimpernel *Anagallis arvensis*. Rarely, there is hare's-foot clover *Trifolium arvense*, bee-orchid *Ophrys apifera* and vervain *Verbena officinalis*. Where it's wetter, there is frequent jointed rush *Juncus articulatus*, water mint *Mentha aquatica*, common fleabane *Pulicaria dysenterica*, fool's-water-cress *Apium noiflorum*, silverweed *Potentilla anserine*, hairy sedge and selfheal with additional ragged-Robin *Silene flos-cuculi*, water forget-me-not *Myosotis scorpiodes*, greater bird's-foot-trefoil *Lotus pedunculatus*, fen bedstraw *Galium uglinosum*, meadow buttercup *Ranunculus acris*, and hoary willowherb *Epilobium hirsutum*.

There is an area of tall fen with locally abundant lesser pond-sedge *Carex acutiformis* and sharp-flowered rush *Juncus acutiflorus*. It contains frequent marsh thistle *Cirsium palustre*, greater bird's-foot-trefoil, water mint and square-stalked St John's-wort *Hypericum tetrapterum* with occasional wild angelica *Angelica sylvestris*, hoary willowherb and hemp agrimony *Eupatorium cannabinum*. Osier *Salix viminalis* and grey willow *Salix cinerea* scrub is present.

An area of woodland to the north-west of the site has mature oaks, some with veteran features, along with hazel *Corylus avellana*, holly *Ilex aquifolium*, cherry laurel *Prunus laurocerasus*, hawthorn *Crataegus monogyna*, elder *Sambucus nigra* and locally frequent nettles *Urtica dioica*. Moles are present. Areas of mixed scrub towards the south of the site include frequent grey willow along with hazel, hawthorn, osier, dogwood *Cornus sanguinea*, elder and bramble *Rubus fruticosus* agg.

A garden area in the centre of the site is planted with various shrubs, fruits and trees. The grassland is mown with taller areas cut less frequently. The grassland contains creeping cinquefoil, hairy sedge, marsh-orchids *Dactylorhiza* sp., jointed rush, creeping buttercup *Trifolium repens* and meadowsweet *Filipendula ulmaria*. Bee orchids and common spotted-orchids *Dactylorhiza fuchsia* are also reported to be present.

A clear stream runs along the length of the southern boundary of the site. It is fringed by fool's-water-cress and occasional water forget-me-not with water figwort *Scrophularia auriculata* and wood dock *Rumex sanguineus* along the margin. Species recorded in the stream include otter

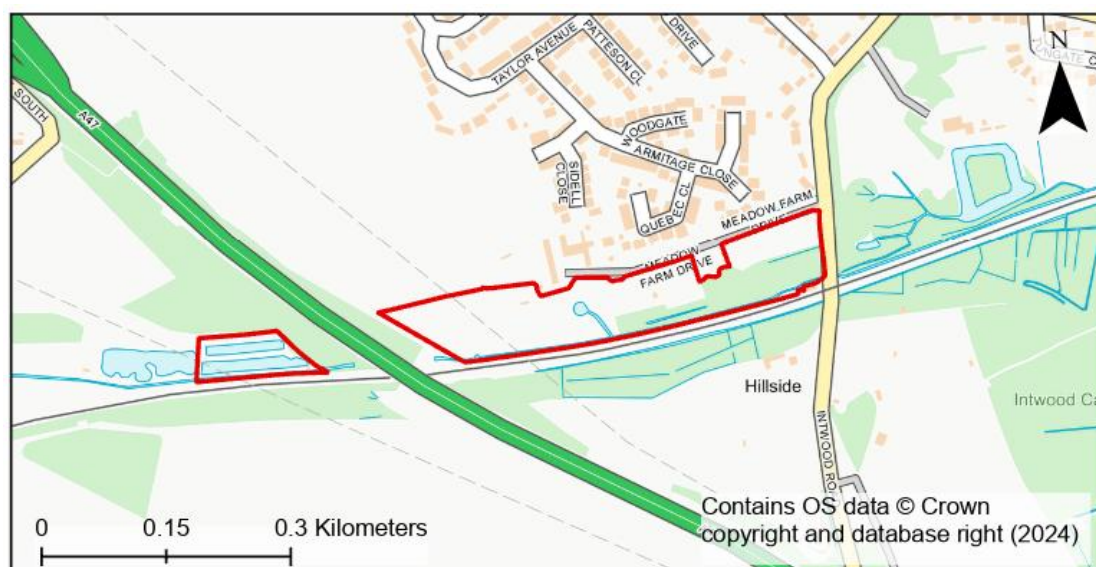
Lutra lutra, water vole *Arvicola amphibius* and European eel *Anguilla anguilla*. A pond towards the centre of the site has a wide, open, shallow margin to the east and is fringed by water-lilies *Nymphaea alba*, soft rush *Juncus effusus*, fool's-water-cress, yellow iris *Iris pseudacorus*, branched bur-reed *Sparganium erectum*, great willowherb *Epilobium hirsutum* and water mint and has a covering of duckweed *Lemna minor*.

The grassland in the middle section is more heavily grazed and was not surveyed in detail. It is bordered by a row of poplars *Populus* sp. to the north and wet woodland to the south. Species present include selfheal, creeping cinquefoil, scarlet pimpernel *Anagallis arvensis*, black medick, meadow buttercup, common fleabane, yellow iris, water forget-me-not and yarrow *Achillea millefolium* along with nettles and broad-leaved dock *Rumex obtusifolius*.

At the time of survey, in July 2024, the north-eastern section of the site was not accessed and appeared unmanaged and overgrown, providing semi-natural habitat to benefit a variety of species. A visit in February 2025 confirmed that this area had been stripped of trees and vegetation. In 1995, there were records of orchid *Dactyloriza* sp. and yellow rattle *Rhianthus minor* at the eastern end of the site. The broadleaved woodland in the south-eastern corner of the site has origins as an alder *Alnus glutinosa* plantation with occasional large mature overstood coppice. Other tree species include hazel (coppice), willow, ash *Fraxinus excelsior*, oak and elder. There are saplings present in the understory as well as recently planted trees. The ground flora is varied including frequent dog's mercury *Mercurialis perennis* and patches of moschatel *Adoxa moschatellina*, wood anemone *Anemonoides nemorosa* and ramsons *Allium ursinum*.

In 1998 the area to the west of the A47 was described as lowland neutral grassland. A shallow drainage ditch ran through the site, south of which was marshy grassland with species such as marsh thistle, common sorrel *Rumex acetosa*, marsh horsetail *Equisetum palustre*, greater bird's-foot-trefoil, meadow buttercup, creeping cinquefoil and cuckooflower *Cardamine pratensis*. A drier, well drained area supported common bird's-foot-trefoil *Lotus corniculatus*, square-stalked St John's wort and field wood-rush *Luzula campestris*. This area appears to have been developed into fishing ponds circa 2010.

Faunal records for the site include greenfinch *Chloris chloris*, marsh tit *Poecile palustris*, song thrush *Turdus philomelos*, yellowhammer *Emberiza citrinella*, grey wagtail *Motacilla cinerea*, kingfisher *Alcedo atthis*, tawny owl *Strix aluco*, great spotted woodpecker *Dendrocopos major*, hedgehog *Erinaceus europaeus*, slow worm *Anguis fragilis*, common toad *Bufo bufo* and willow emerald damselfly *Chalcolestes viridis*, among others including various bat species.



Survey dates: 21/09/1995, 05/06/1998, 22/07/2024
Year notified: 1983

PLANT LIST

Scientific name	Common name	DAFOR
<i>Achillea millefolium</i>	Yarrow	O
<i>Aesculus hippocastanum</i>	Horse-chestnut	R
<i>Agrostis stolonifera</i>	Creeping Bent	F
<i>Anagallis arvensis</i>	Scarlet Pimpernel	O
<i>Angelica sylvestris</i>	Wild Angelica	O
<i>Aphanes arvensis</i> agg.	Parsley Piert	R
<i>Apium nodiflorum</i>	Fool's-water-cress	LF
<i>Arctium minus</i>	Lesser Burdock	R
<i>Artemisia vulgaris</i>	Mugwort	R
<i>Arum maculatum</i>	Lords-and-Ladies	R
<i>Ballota nigra</i>	Black Horehound	R
<i>Bellis perennis</i>	Daisy	O
<i>Bryonia dioica</i>	White Bryony	R
<i>Carex acutiformis</i>	Lesser Pond-sedge	LA
<i>Carex hirta</i>	Hairy Sedge	LF
<i>Carex remota</i>	Remote Sedge	R
<i>Centaurium erythraea</i>	Common Centaury	LF
<i>Cerastium fontanum</i>	Common Mouse-ear	O
<i>Chaerophyllum temulum</i>	Rough Chervil	R
<i>Cirsium arvense</i>	Creeping Thistle	R
<i>Cirsium palustre</i>	Marsh Thistle	LF
<i>Cirsium vulgare</i>	Spear Thistle	O
<i>Conium maculatum</i>	Hemlock	R
<i>Convolvulus arvensis</i>	Field Bindweed	R
<i>Conyza canadensis</i>	Canadian Fleabane	O
<i>Cornus sanguinea</i>	Dogwood	R
<i>Corylus avellana</i>	Hazel	O
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Crepis capillaris</i>	Smooth Hawk's-beard	F
<i>Dactylis glomerata</i>	Cock's-foot	O
<i>Dioscorea communis</i>	Black Bryony	R
<i>Dipsacus fullonum</i>	Wild Teasel	R
<i>Epilobium hirsutum</i>	Great Willowherb	R
<i>Epilobium parviflorum</i>	Hoary Willowherb	O
<i>Epilobium tetragonum</i>	Square-stalked Willowherb	O
<i>Equisetum arvense</i>	Field Horsetail	O
<i>Equisetum palustre</i>	Marsh Horsetail	R
<i>Erodium cicutarium</i>	Common Stork's-bill	O
<i>Euonymus europaeus</i>	Spindle	R
<i>Eupatorium cannabinum</i>	Hemp-agrimony	O
<i>Festuca rubra</i>	Red Fescue	O
<i>Filago vulgaris</i>	Common Cudweed	LF
<i>Filipendula ulmaria</i>	Meadowsweet	R
<i>Galium aparine</i>	Cleavers	R
<i>Galium uliginosum</i>	Fen Bedstraw	R

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<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	R
<i>Geranium pusillum</i>	Small-flowered Crane's-bill	R
<i>Geranium robertianum</i>	Herb-Robert	R
<i>Geum urbanum</i>	Herb Bennet	R
<i>Glechoma hederacea</i>	Ground-ivy	R
<i>Hedera helix</i> subsp. <i>helix</i>	Common Ivy	R
<i>Holcus lanatus</i>	Yorkshire-fog	F
<i>Hypericum perforatum</i>	Perforate St. John's-Wort	R
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	R
<i>Hypochaeris radicata</i>	Cat's-ear	R
<i>Iris pseudacorus</i>	Yellow Iris	R
<i>Jacobaea vulgaris</i>	Common Ragwort	O
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	LA
<i>Juncus articulatus</i>	Jointed Rush	LF
<i>Juncus bufonius</i>	Toad Rush	R
<i>Juncus effusus</i>	Soft-rush	R
<i>Juncus inflexus</i>	Hard Rush	R
<i>Lemna minor</i>	Common Duckweed	LA
<i>Lolium perenne</i>	Perennial Rye-grass	F
<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	O
<i>Lythrum salicaria</i>	Purple-loosestrife	R
<i>Malva sylvestris</i>	Common Mallow	R
<i>Medicago lupulina</i>	Black Medick	F
<i>Mentha aquatica</i>	Water Mint	LF
<i>Mentha spicata</i>	Spear Mint	R
<i>Myosotis arvensis</i>	Field Forget-me-not	R
<i>Myosotis scorpioides</i>	Water Forget-me-not	R
<i>Nymphaea alba</i>	White Water-lily	R
<i>Odontites vernus</i>	Red Bartsia	O
<i>Oenothera glazioviana</i>	Large-flowered Evening-primrose	R
<i>Phalaris arundinacea</i>	Reed Canary-grass	R
<i>Picris echioides</i>	Bristly Oxtongue	R
<i>Plantago lanceolata</i>	Ribwort Plantain	F
<i>Plantago major</i>	Greater Plantain	R
<i>Poa annua</i>	Annual Meadow-grass	O
<i>Poa trivialis</i>	Rough Meadow-grass	O
<i>Populus</i> sp.	Poplar sp.	R
<i>Populus tremula</i>	Aspen	R
<i>Potentilla anserina</i>	Silverweed	R
<i>Potentilla reptans</i>	Creeping Cinquefoil	F
<i>Prunella vulgaris</i>	Selfheal	A
<i>Prunus laurocerasus</i>	Cherry Laurel	R
<i>Pulicaria dysenterica</i>	Common Fleabane	LF
<i>Quercus robur</i>	Pedunculate Oak	O
<i>Ranunculus acris</i>	Meadow Buttercup	R
<i>Ranunculus repens</i>	Creeping Buttercup	LF
<i>Rosa</i>	Rose	R
<i>Rubus fruticosus</i> agg.	Bramble	R

<i>Rumex conglomeratus</i>	Clustered Dock	R
<i>Rumex obtusifolius</i>	Broad-leaved Dock	O
<i>Rumex sanguineus</i>	Wood Dock	O
<i>Sagina procumbens</i>	Procumbent Pearlwort	R
<i>Salix alba</i>	White Willow	R
<i>Salix cinerea</i> subsp. <i>cinerea</i>	Grey Willow	O
<i>Salix viminalis</i>	Osier	R
<i>Sambucus nigra</i>	Elder	O
<i>Scrophularia auriculata</i>	Water Figwort	O
<i>Silene dioica</i>	Red Campion	R
<i>Silene flos-cuculi</i>	Ragged-Robin	O
<i>Silene latifolia</i>	White Campion	R
<i>Sonchus asper</i>	Prickly Sow-thistle	R
<i>Sparganium erectum</i>	Branched Bur-reed	R
<i>Stachys sylvatica</i>	Hedge Woundwort	R
<i>Tilia</i>	Lime	R
<i>Trifolium arvense</i>	Hare's-foot Clover	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	A
<i>Urtica dioica</i>	Common Nettle	O
<i>Verbascum pulverulentum</i>	Hoary Mullein	O
<i>Verbena officinalis</i>	Vervain	R
<i>Veronica beccabunga</i>	Brooklime	R
<i>Veronica chamaedrys</i>	Germander Speedwell	R
<i>Veronica serpyllifolia</i>	Thyme-leaved Speedwell	O
<i>Vicia sativa</i>	Common Vetch	R
<i>Vulpia bromoides</i>	Squirreltail Fescue	F

Additional records from the woodland in the south-east corner of the site:

Scientific Name	Common Name	DAFOR
<i>Acer pseudoplatanus</i>	Sycamore	R
<i>Acer campestre</i>	Field Maple	R
<i>Adoxa moschatellina</i>	Moschatel	LF
<i>Aegopodium podagraria</i>	Ground Elder	O
<i>Aesculus hippocastanum</i>	Horse-chestnut	R
<i>Ajuga reptans</i>	Bugle	R
<i>Alliaria petiolata</i>	Garlic Mustard	R
<i>Allium ursinum</i>	Ramsons	R
<i>Alnus glutinosa</i>	Common Alder	D
<i>Amelanchier lamarckii</i>	Juneberry	R
<i>Anemonoides nemorosa</i>	Wood Anemone	R
<i>Angelica sylvestris</i>	Angelica	R
<i>Apium nodiflorum</i>	Fool's-water-cress	R
<i>Arctium minus</i> subsp. <i>minus</i>	Lesser Burdock	R
<i>Arum maculatum</i>	Lords-and-Ladies	O

<i>Asplenium scolopendrium</i>	Hart's Tongue Fern	R
<i>Brachypodium sylvaticum</i>	False Brome	R
<i>Caltha palustris</i>	Marsh Marigold	R
<i>Cardamine flexuosa</i>	Wavy Bitter-cress	R
<i>Cardamine pratensis</i>	Lady's Smock	R
<i>Carex pendula</i>	Pendulous Sedge	R
<i>Carex remota</i>	Remote Sedge	R
<i>Chelidonium majus</i>	Greater Celandine	R
<i>Cicuta lutetiana</i>	Enchanter's Nightshade	R
<i>Cirsium palustre</i>	Marsh Thistle	R
<i>Cirsium vulgare</i>	Spear Thistle	R
<i>Clematis armandii</i>	Evergreen Clematis	R
<i>Cornus</i> sp.	Dogwood sp.	R
<i>Corylus avellana</i>	Hazel	A
<i>Crataegus monogyna</i>	Hawthorn	O
<i>Cyrtomium fortunei</i>	Holly Fern – Asian Netvein	R
<i>Digitalis purpurea</i>	Foxgloves	R
<i>Dryopteris dilatata</i>	Broad Buckler Fern	R
<i>Dryopteris filix-mas</i>	Male Fern	LF
<i>Endymion non-scriptus</i>	English Bluebell	R
<i>Epilobium parviflorum</i>	Hoary Willowherb	R
<i>Equisetum hyemale</i>	Rough Horsetail	R
<i>Eranthis hyemalis</i>	Winter Aconite	R
<i>Euonymus japonicus</i>	Evergreen Spindle	R
<i>Eupatorium cannabinum</i>	Hemp-agrimony	R
<i>Ficaria verna</i> ssp <i>verna</i>	Lesser Celandine	R
<i>Filipendula ulmaria</i>	Meadowsweet	R
<i>Fraxinus excelsior</i>	Ash	R
<i>Fritillaria meleagris</i>	Snake's Head Fritillary	R
<i>Galanthus nivalis</i>	Snowdrop	LF
<i>Galium aparine</i>	Cleavers	O
<i>Geranium robertianum</i>	Herb-Robert	R
<i>Geum urbanum</i>	Wood Avens	R
<i>Glechoma hederacea</i>	Ground Ivy	R
<i>Hedera helix</i>	Ivy	F
<i>Helleborus foetidus</i>	Stinking Hellebore	R
<i>Helleborus niger</i>	Black Hellebore	R
<i>Helleborus x hybridus</i>	Lenten Rose	R
<i>Heracleum sphondylium</i>	Hogweed	R
<i>Hyacinthoides x massartiana</i>	Hybrid Bluebell	R
<i>Hypericum androsaemum</i>	Tutsan	R
<i>Ilex aquifolium</i>	Holly	R
<i>Ilex aquifolium</i>	Variegated Holly	R
<i>Iris foetidissima</i>	Stinking Iris	R
<i>Iris pseudacorus</i>	Yellow Flag Iris	R
<i>Juncus effusus</i>	Soft-rush	R
<i>Juncus inflexus</i>	Hard Rush	R
<i>Lapsana communis</i> subsp. <i>communis</i>	Nipplewort	R

<i>Lemna sp.</i>	Duckweed sp.	R
<i>Ligustrum ovalifolium</i>	Garden Privet	R
<i>Ligustrum vulgare</i>	Wild Privet	R
<i>Lonicera nitida</i>	Wilson's Honeysuckle	R
<i>Lonicera periclymenum</i>	Honeysuckle	R
<i>Lythrum salicaria</i>	Purple Loosestrife	R
<i>Malus sylvestris</i>	Crab Apple	R
<i>Mentha aquatica</i>	Water Mint	R
<i>Mercurialis perennis</i>	Dog's Mercury	O
<i>Moehringia trinervia</i>	Three-nerved Sandwort	R
<i>Myosotis scorpiodes</i>	Water Forget-me-not	R
<i>Myosotis sylvatica</i>	Wood Forget-me-not	R
<i>Narcissus agg</i>	Daffodil	R
<i>Nasturtium officinale</i>	Watercress	R
<i>Poa trivialis</i>	Rough Meadow-grass	R
<i>Potentilla sterilis</i>	Barren Strawberry	R
<i>Primula sp.</i>	Primula	R
<i>Primula veris</i>	Cowslip	R
<i>Primula vulgaris</i>	Primrose	R
<i>Prunus laurocerasus</i>	Cherry Laurel	O
<i>Prunus padus</i>	Bird Cherry	R
<i>Prunus spinosa</i>	Blackthorn	R
<i>Quercus robur</i>	Pedunculate Oak	R
<i>Ranunculus repens</i>	Creeping Buttercup	R
<i>Ribes rubrum</i>	Red Currant	R
<i>Rubus fruticosus agg.</i>	Bramble	A
<i>Rubus idaeus</i>	Raspberry	R
<i>Salix caprea</i>	Goat Willow	R
<i>Salix cineria</i>	Grey Willow	R
<i>Sambucus nigra</i>	Elder	R
<i>Scrophularia auriculata</i>	Water Figwort	R
<i>Silene dioica</i>	Red Campion	R
<i>Solanum dulcamara</i>	Bittersweet	R
<i>Soleirolia soleirolii</i>	Mind-your-own-business	R
<i>Sorbus aucuparia</i>	Rowan	R
<i>Stachys sylvatica</i>	Hedge Woundwort	R
<i>Symphoricarpos albus</i>	Snowberry	R
<i>Symphytum norvicense</i>	Norfolk Comfrey	R
<i>Taraxacum agg.</i>	Dandelion	R
<i>Taxus baccata</i>	English Yew	R
<i>Tilia cordata</i>	Small-leaved Lime	R
<i>Urtica dioica subsp. dioica</i>	Nettle	LA
<i>Veronica hederifolia subsp. hederifolia</i>	Ivy-leaved Speedwell	R
<i>Viburnum opulus</i>	Guelder-rose	R