

## SECTION 2

### SPECIES LIST for Churchyards

Only include one record per species  
See handout 9 for information on DAFOR

**Name of Churchyard and location:** St. Edmunds, Church Road, Thurne, Norfolk, NR29 3BT

**Name of surveyor/s:** Gemma Walker (NWT), Keith Armstrong, Val Armstrong,  
Pauline Parker, Pat George and Stewart Wright.

#### Dates of surveys:

6<sup>th</sup> April, 22<sup>nd</sup> May, 15<sup>th</sup> & 24<sup>th</sup> June, 20<sup>th</sup> July,  
28<sup>th</sup> August, 25<sup>th</sup> September 2016

Common name	Scientific name	DAFOR Please tick relevant box					Comments / GPS or Grid Reference location
		D	A	F	O	R	
ALMOND	<i>Prunus dulcis</i>					/	Ornamental, one specimen in west section
ANNUAL MEADOW-GRASS	<i>Poa annua</i>			/			Common annual
BLACKBERRY	<i>Rubus fruticosus</i>				/		Occasional on the boundary
BLACK BRYONY					/		Common perennial
BLACK HOREHOUND	<i>Ballota nigra</i>				/		Common perennial
BLACKTHORN	<i>Prunus spinose</i>				/		In boundary hedge
BLUEBELL	<i>Hyacinthoides non-scripta</i>			/			Common perennial
BROADLEAF COCKSPUR THORN	<i>Crataegus prunifolia</i>					/	Ornamental, one specimen in west section
BROAD-LEAVED DOCK	<i>Rumex obtusifolius</i>				/		Common perennial
BROAD-LEAVED WILLOWHERB	<i>Epilobium montanum</i>				/		Common perennial
BUCK'S-HORN PLANTAIN	<i>Plantago coronopus</i>					/	Perennial of light sandy soils, at base of church wall
BUTTERFLY BUSH	<i>Buddleja sp.</i>					/	Ornamental, one specimen
CEDAR	<i>Cedrus sp.</i>					/	Ornamental tree, mature specimen on boundary
Common name	Scientific name	DAFOR Please tick relevant box					Comments / GPS or Grid Reference location

COCKSFOOT	<i>Dactylis glomerata</i>			/			Ubiquitous perennial
COMMON ASH	<i>Fraxinus excelsior</i>				/		Some large trees in hedges as well as smaller plants elsewhere
COMMON BENT	<i>Agrostis capillaris</i>				/		Common perennial
COMMON CHICKWEED	<i>Stellaria media</i>				/		Ubiquitous annual
COMMON DAISY	<i>Bellis perennis</i>			/			Common perennial
COMMON FIELD SPEEDWELL	<i>Veronica persica</i>				/		Common annual
COMMON HAWTHORN	<i>Crataegus monogyna</i>			/			predominant hedging shrub as well as specimen trees
COMMON KNAPWEED	<i>Centaurea nigra</i>			/			Common perennial
COMMON LIME	<i>Tilia x europaea</i>				/		Several mature trees on the boundary
COMMON MALLOW	<i>Malva neglecta</i>					/	Common perennial
COMMON MOUSE-EAR	<i>Cerastium fontanum</i>				/		Common perennial
COMMON SORREL	<i>Rumex acetosa</i>				/		Common perennial
COMMON SALLOW	<i>Salix cinerea</i>					/	One small plant is becoming established
COMMON VETCH	<i>Vicia sativa</i>				/		Common perennial
COUCH	<i>Elymus repens</i>				/		Common perennial
COW PARSLEY	<i>Anthriscus sylvestris</i>				/		Common perennial
COWSLIP (CULTIVATED)						/	Introduced ornamental
CRAB APPLE	<i>Malus sp.</i>					/	Ornamental, one large 'John Downie'
CREeping BENT	<i>Agrostis stolonifera</i>				/		Common perennial
CREeping BUTTERCUP	<i>Ranunculus repens</i>				/		Common perennial
CREeping CINQUEFOIL	<i>Potentilla reptans</i>			/			Common perennial
CREeping SOFT-GRASS	<i>Holcus mollis</i>				/		Common perennial
CREeping THISTLE	<i>Cirsium arvense</i>				/		Common perennial
CUT-LEAVED CRANE'S-BILL	<i>Geranium dissectum</i>				/		Common annual
DAFFODIL (CULTIVATED)					/		Garden escape
DANDELION	<i>Taraxacum ag.</i>			/			Common perennial
Common name	Scientific name	DAFOR Please tick relevant box					Comments / GPS or Grid Reference location

DOG WOOD	Cornus sanguinea					/	Common shrub, one on boundary
DOG ROSE	Rosa canina				/		Occasional on boundary
DOWNY BIRCH	Betula pubescens					/	Two trees on boundary
ELDER	Sambucus nigra				/		Common shrub
FALSE BROME GRASS	Brachypodium sylvaticum				/		Common perennial
FALSE OAT GRASS	Arrhenatherum elatius			/			Ubiquitous perennial
FIELD BINDWEED	Convolvulus arvensis				/		Common perennial
FIELD MAPLE	Acer campestre					/	Deciduous tree, present in middle hedge
FIELD WOODRUSH	Luzula campestris				/		Common perennial
GARLIC MUSTARD	Alliaria petiolate				/		Common perennial
GERMANDER SPEEDWELL	Veronica chamaedrys			/			Common perennial
GIANT FESCUE	Festuca gigantea				/		Common perennial, occasional in shade
GOOSEGRASS	Galium aparine				/		Common annual
GREEN ALKANET	Pentaglottis sempervirens				/		Common perennial
GROUND IVY	Glechoma hederacea				/		Common perennial
GROUNDSEL	Senecio vulgaris				/		Common annual
HAIRY TARE	Vicia hirsuta				/		Common annual
HEDGE WOUNDWORT	Stachys sylvatica				/		Common perennial
HERB ROBERT	Geranium robertianum				/		Common biennial
HOGWEED	Heracleum sphondylium				/		Common perennial
HOLLY	Ilex aquifolium				/		Common shrub
HYBRID CYPRESS						/	Ornamental tree, east section
IVY	Hedera helix				/		Winter green climber, occasional in shade
JACQUEMONT'S BIRCH	Betula utilis var. jacquemontii					/	Ornamental one specimen in west section
LABURNUM						/	Ornamental, two present
LADY'S BEDSTRAW	Galium verum				/		Common perennial, occasional, particularly on roadside bank
LESSER CELANDINE	Ficaria verna				/		Common perennial
Common name	Scientific name	DAFOR Please tick relevant box					Comments / GPS or Grid Reference location

LORDS AND LADIES	Arum maculatum				/		Common perennial, occasional, particularly under trees
MARSH HORSETAIL	Equisetum palustre				/		Deciduous perennial
MEADOW BUTTERCUP	Ranunculus acris				/		Common perennial
MEADOW FOXTAIL	Alopecurus pratensis				/		Common perennial
MEADOW VETCHLING	Lathyrus pratensis				/		Common perennial
NIPPLEWORT	Lapsana communis				/		Ubiquitous annual
NORWAY MAPLE (HYBRID)	Acer platanoides					/	Ornamental, one specimen tree in west section
ORANGE HAWKBIT	Pilosella aurantiaca				/		Common perennial
ORNAMENTAL CHERRIES	Prunus sp.					/	Two varieties present
PERENNIAL RYE GRASS	Lolium perenne			/			Common perennial
PERENNIAL SOW-THISTLE	Sonchus arvensis				/		Common perennial
PETTY SPURGE	Euphorbia peplus				/		Common annual
PINK OXALIS	Oxalis acetosella					/	Perennial introduced from gardens
PRICKLY SOW-THISTLE					/		Common biennial
PRIMROSE	Primula vulgaris			/			Common perennial – frequent particularly in the east section
PROCUMBENT YELLOW SORREL	Oxalis corniculata				/		Perennial introduced from gardens
RAGWORT	Jacobaea vulgaris				/		Common perennial
RED DEAD NETTLE	Lamium purpureum				/		Common perennial
RED FESCUE	Festuca rubra				/		Common perennial
RIBWORT PLANTAIN	Plantago lanceolata			/			Common perennial
ROUGH HAWKBIT	Leontodon hispidus				/		Common perennial
ROUGH MEADOW-GRASS	Poa trivialis			/			Common perennial
SELF-HEAL	Prunella vulgaris				/		Common perennial
SCARLET PIMPERNEL	Anagallis arvensis				/		Common perennial
SMOOTH MEADOW GRASS	Poa pratensis			/			Common perennial
Common name	Scientific name	DAFOR Please tick relevant box					Comments / GPS or Grid Reference location

SMOOTH SOW-THISTLE	Sonchus oleraceus				/		Ubiquitous biennial
SNOWDROP	Galanthus nivalis				/		Possible native or garden escape
SOFT BROME	Bromus hordeaceus				/		Common perennial
SPANISH BLUEBELL					/	/	Garden escape – a few scattered throughout
SPOTTED DEAD NETTLE	Lamium maculatum					/	Perennial introduced from gardens
STAR OF BETHLEHEM	<i>Ornithogalum umbellatum</i>					/	Possible native or garden escape, occasional, few in conservation area
STICKY MOUSE-EAR	Cerastium glomeratum				/		Common annual
STINGING NETTLE	Urtica dioica				/		Common perennial
SWEET VERNAL GRASS	Anthoxanthum odoratum			/			Common perennial
SWEET VIOLET	Viola odorata				/		Common perennial
SYCAMORE	Acer pseudoplatanus					/	Decidious tree, present on boundary
TALL FESCUE	Festuca arundinacea				/		Common perennial
TIMOTHY	Phleum pratense				/		Common perennial
TUFTED HAIR-GRASS	Deschampsia cespitosa			/			Common perennial
WALL BARLEY	Hordeum murinum				/		Common annual
WHITEBEAM	Sorbus aria					/	One specimen in west section
WHITE CLOVER	Trifolium repens				/		Ubiquitous perennial
WHITE DEADNETTLE	Lamium album				/		Common perennial
WILD OAT	Avena fatua				/		Common annual
YARROW	Achillea millefolium				/		Common perennial, occasional, particularly on roadside bank
YEW	Taxus baccata				/		Evergreen, several in east section
YORKSHIRE FOG	Holcus lanatus				/		Common perennial

## ST EDMUND'S, THURNE

6<sup>th</sup> April, 22<sup>nd</sup> May, 15<sup>th</sup> & 24<sup>th</sup> June, 20<sup>th</sup> July, 28<sup>th</sup> August, 25<sup>th</sup> September 2016

By Dr. Stewart Wright

### Fungi

*Chalara fraxinella* – ash die-back noted on smaller trees, fruiting bodies found in litter 15/6

*Puccinia obscura* – rust on daisy

*Taphrina betulina* – fungus on birch

*T. deformans* – fungus causing leaf curl on almond

### Lichen

*Aspicilia calcarea* – common lichen on tombstones

*A. contorta* – common lichen on tombs

*Caloplaca flavescens* – common lichen on tombstones

*C. aurantia* – common lichen on tombstones

*C. citrina* – common lichen on walls

*C. dalmatica* – frequent lichen on church walls

*Candelariella medians* – common lichen on tombstones

*Diploicia canescens* – common lichen on trees, tombs and walls

*Diploschistes scruposus* – frequent lichen on walls

*Haematomma ochroleucum* – common lichen on tombstones and walls

*Hypocenomyce scalaris* – common lichen on tombstones

*Hypotrachyna revolute* – common lichen on trees and tombstones

*Lecania turicensis* – common lichen on walls

*Lecanora sulphurea* – common lichen on tombstones and walls

*L. campestris* – common lichen on tombstones and walls

*L. albens* – common lichen on tombstones

*L. muralis* – common lichen on walls

*L. chlorotera* – common lichen on trees

*Lecidea fuscoatra* – common lichen on walls

*Lepraria incana* – common lichen on tombstones, walls and trees

*Melanella fuliginosa subsp. fuliginosa* – common lichen on tombstones

*Neofuscella verruculifera* – common lichen, especially on tops of tombs

*Opegrapha calcarea* – frequent, on flints in the church walls

*Parmelia sulcata* – common lichen, mostly on trees

*Phaeophyscia orbicularis* – common lichen on tombstones and trees

*Physcia dubia* – common lichen on tombstones

*P. adscendens* – common lichen on tombstones and trees

*P. caesia* – common lichen on tombstones

*Porpida tuberculosa* – common lichen on tombstones

*Ramalina lacera* – lichen on church walls

*Rinodina gennarii* – common lichen on walls

*Scoliosporum umbrinum* – common lichen, especially on tops of tombs

*Tephromela atra* – common lichen on tombstones and walls

*Trapelia coarctata* – common lichen on walls

*Verrucaria viridula* – common lichen on tombstones

*V. baldensis* – common lichen on tombstones

*Xanthoria parietina* – common lichen on tombstones, walls and trees

*X. ucrainica* – common lichen on trees and walls

### Gastropod

Red Slug - *Arion rufus*

Lesser Bulin - *Merdigera obscura*

Dark-lipped Banded Snail - *Cepaea nemoralis*  
White-lipped Banded Snail - *Cepaea hortensis*  
Garden Snail - *Cornu aspersum*  
Silky Snail - *Ashfordia granulata*

## **Invertebrates**

*Oniscus asellus* – common woodlouse  
*Philoscia muscorum* – common woodlouse

*Phytoptus tiliae tiliae* – common mite causing gall on limes  
*P. leiosoma* – common mite causing gall on limes  
*Artacris cephalonea* – common mite causing gall on field maples  
*Phyllocoptes goniothorax* – common mite causing gall on hawthorns

*Opilio saxatilis* – common harvestman  
*Leiobunum rotundum* – common harvestman

*Clubiona pallidula* – local, on bushes and trees  
*Philodromus aureolus* – common spider on vegetation and bushes  
*Salticus scenicus* – common spider on walls  
*Pisaura mirabilis* Nursery Web Spider  
*Araneus diadematus* Garden Spider  
*Tetragnatha Montana* – common spider on vegetation and bushes  
*Metellina segmentata* – common spider on vegetation  
*Nuctenea umbratica* – common spider on trees  
*Araniella cucurbitina* – common spider on bushes  
*Enoplognatha ovata* – common spider on vegetation and bushes  
*Zygiella atrica* – common spider on vegetation  
*Erigone atra* – common spider on vegetation

*Tomocerus longicornis* – common springtail

Large Red Damselfly - *Pyrrhosoma nymphula*  
Azure Damselfly - *Coenagrion puella*  
Common Blue Damselfly - *Enallagma cyathigerum*  
Blue-tailed Damselfly - *Ischnura elegans*  
Common Darter - *Sympetrum striolatum*  
Brown Hawker - *Aeshna grandis*  
Southern Hawker - *Aeshna cyanea*

Common Earwig - *Forficula auricularia*

Field Grasshopper - *Chorthippus brunneus*  
Meadow Grasshopper - *Chorthippus parallelus*  
Roesel's Bush-cricket – local, few in conservation area long grass - *Metrioptera roeselii*

Red and Black Froghopper - *Cercopis vulnerata*  
*Amphorophora rubi* – common aphid causing gall on brambles

Woundwort Shield Bug - *Eysarcoris venustissimus*  
Hawthorn Shield Bug - *Acanthosoma haemorrhoidale*  
Green Shield Bug - *Palomena prasina*  
Tree Damsel Bug - *Himacerus apterus*  
Common Flower Bug - *Anthocoris nemorum*

*Phytocoris varipes*  
*Capsodes gothicus*  
*Pinalitus cervinus* – common bug, found on lime  
*Lygus rugulipennis* – tarnished plant bug

*Panorpa communis* – scorpion fly

*Limnephilus marmoratus* – common caddis  
*L. flavicornis* – common caddis

*Stigmella aurella* – common, larvae mine the leaves of bramble  
*S. crataegella* – common, larvae mine the leaves of hawthorn  
*S. hybnerella* – common, larvae mine the leaves of hawthorn  
*S. sakhalinella* – local, larvae mine the leaves of birch  
*S. incognitella* – local, larvae mine the leaves of apple  
*S. malella* – common, larvae mine the leaves of apple  
*S. regiella* – common, larvae mine the leaves of hawthorn  
*Bohemannia pulverosella* – common, larvae mine the leaves of apple  
*Ectoedemia lousella* – local, larvae mine the seeds of field maple  
*E. occultella* – common, larvae mine the leaves of birch  
*Antispila treitschiella* – local, larvae mine the leaves of dogwood  
*Coptotriche marginea* – common, larvae mine the leaves of bramble  
*Luffia ferchaultella* – common, case-bearing larvae feed on lichen on trees and tombstones  
*Bucculatrix thoracella* – local, larvae mine the leaves of lime  
*Caloptilia rufipennella* – common, larvae mine the leaves of sycamore  
*Parornix anglicella* – common, larvae mine the leaves of hawthorn  
*Callisto denticulella* – common, larvae mine the leaves of apple  
*Phyllonorycter oxyacanthae* – common, larvae mine the leaves of hawthorn  
*P. corylifoliella* – local, larvae mine the leaves of hawthorn and whitebeam  
*P. acerifoliella* – common, larvae mine the leaves of field maple  
*P. blandcardella* – common, larvae mine the leaves of apple  
*P. ulmifoliella* – common, larvae mine the leaves of birch  
*Swammerdamia pyrella* – common, larvae feeding on the leaves of apple, hawthorn and blackthorn  
*Cocksfoot Moth* – common, larvae feed on grasses  
*Lyonetia clerkella* – common, larvae mine the leaves of hawthorn, cherry and apple  
*Leucoptera laburnella* – common, larvae mine the leaves of laburnum  
*L. malifoliella* – local, larvae mine the leaves of hawthorn and apple  
*Coleophora serratella* – common, case-bearing larvae feed on leaves of birch  
*C. spinella* – common, case-bearing larvae feed on leaves of hawthorn  
*C. argentula* – common, case-bearing larvae feed on flowers of yarrow  
*Blastodacna hellerella* – common, larvae feed in hawthorn fruits  
*Nettle-tap* – common, larvae feed on leaves of nettle  
*Pseudargyrota conwagana* – common, larvae feed on seeds of ash  
*Celypha lacunana* – common, larvae feed on various herbaceous plants and shrubs  
*Epiblema cirsiana* – common, larvae feed on stems and roots of knapweed  
*Grapholita janthinana* – common, larvae feed in hawthorn fruits  
*Chrysoteuchia culmella* – common, larvae feed on grasses

Wall – common, larvae feed on grasses  
Speckled Wood – common, larvae feed on grasses  
Meadow Brown – common, larvae feed on grasses  
Gatekeeper – common, larvae feed on grasses  
Ringlet – common, larvae feed on grasses  
Green-veined White – common, larvae feed on garlic mustard and other crucifers



Large White – common, larvae feed on brassicas  
Holly Blue – common, larvae feed on holly, ivy and other shrubs  
Red Admiral – common, larvae feed on nettles  
Peacock – common, larvae feed on nettles  
Small Tortoiseshell – common, larvae feed on nettles  
Single-dotted Wave – common, larvae feed on cow parsley etc.  
Treble Brown Spot – local, larvae feed on withered leaves  
Silver-ground Carpet – common, larvae feed on bedstraws and primroses etc.  
Yellow Shell – common, larvae feed on bedstraws and docks etc.  
Barred Straw – common, larvae feed on bedstraws  
Brimstone Moth – common, larvae found on hawthorn 25/9  
Common Marbled Carpet – common, larvae feed on a variety of shrubs  
Coxcomb Prominent – common, larvae found on birch 25/9  
Snout – common, larvae feed on nettle  
Silver Y – migrant, larvae feed on various plants  
Angle Shades – common, larvae feed on various plants  
Dot Moth – common, larvae found on dogwood 25/9  
Least Black Arches – local, larvae feed on various broad-leaved trees

7-spot Ladybird  
22-spot Ladybird  
Harlequin Ladybird  
*Cassida sanguinolenta* - tortoise beetle  
*Apion pomonae* – common weevil  
Pea Weevil  
*Pterostichus madidus* – common ground beetle  
*Bradychellus verbasci* – common ground beetle

*Fenusa pumila* – common sawfly, larvae mine the leaves of birch  
*Parna tenella* – common sawfly, larvae mine the leaves of lime  
*Cladius compressicornis* – common sawfly, larvae feed on the leaves of hawthorn etc.  
*Dineura stilita* – common sawfly, larvae feed on the leaves of hawthorn etc.  
*Caliroa cerasi* – common sawfly, larvae feed on the leaves of apple, hawthorn etc.

*Andrena helvola* – common mining bee  
Patchwork Leafcutter Bee – adults harvest leaves of roses etc.  
Western Honey Bee  
Garden Bumblebee  
White-tailed Bumblebee  
Early Bumblebee  
Red-tailed Bumblebee  
Common Carder Bee

*Tipula maxima* – common crane-fly  
*T. paludosa* – common crane-fly  
*Jaapiella veronicae* – common fly, larvae causing gall on germander speedwell  
*Phytomyza cytisi* – common fly, larvae mine the leaves of laburnum  
*P. ranunculi* – common fly, larvae mine the leaves of buttercup  
*P. spondylii* – common fly, larvae mine the leaves of sow-thistle  
*Amauromyza morionella* – common fly, larvae mine the leaves of black horehound  
*Chromatomyia atricornis* – common fly, larvae mine the leaves of knapweed etc.  
*C. primulae* – common fly, larvae mine the leaves of primrose  
*Liriomyza pusilla* – common fly, larvae mine the leaves of daisy  
*Dasineura tiliae* – common fly, larvae causing gall on lime  
*Seioptera vibrans* – picture-winged fly associated with lime

*Heliophilus pendulus* – common hover-fly  
*Rhingia campestris* – common hover-fly  
*Episyrphus balteatus* – common hover-fly  
*Syrphus vitripennis* – common hover-fly  
*Tachina fera*  
Four-barred Major *Oxycera rara* – soldier-fly  
Greenbottle  
Bluebottle

*Polyxenus lagurus* – millipede feeding on lichen on tombstones  
*Tachypodoiulus niger* – millipede feeding on lichen on trees

## **Mammals**

Hedgehog  
Grey Squirrel  
Rabbit  
Mole  
Common Shrew

## **Birds**

Egyptian Goose  
Red-legged Partridge  
Pheasant  
Wood Pigeon - breeding  
Pied Wagtail  
Robin - breeding  
Wren - breeding  
Blackbird  
Starling  
Goldcrest  
Blue Tit  
Great Tit  
Chaffinch  
Greenfinch  
Goldfinch

## **Mosses**

Common Pincushion – common, on trees, walls etc.  
Common Pocket-moss – common, on soil in shade  
Wall Screw-moss – common, on walls  
Intermediate Screw-moss – common, on walls  
Grey-cushioned Grimmiid – common, on tombstones and walls  
Bonfire Moss – common, on bare ground  
Capillary Thread-moss – common, on trees and walls  
Squirrel-tail Moss – uncommon, on tombstones  
Creeping Feather-moss – common, on wood, base of walls etc.  
Silky Wall Feather-moss – common, on walls and tombstones  
Velvet Feather-moss – common, at base of trees  
Rough-stalked Feather-moss – common, on wood and walls  
Neat Feather-moss – common, on banks  
Clustered Feather-moss – common, on wood and stone  
Springy Turf-moss – ubiquitous, in short grass

