

Sketch Map + any other comments (other interesting species etc.)

# Arable Plants Survey Form



PLANTLIFE

## Information to help you complete this form:

- **Details of the location of the site are essential.** Eight-figure grid references (e.g. ST35466791) are most useful. The owner should be assured that no information will be made public, but if they insist on complete confidentiality, a four-figure grid reference (e.g. ST3567) is the minimum required. Soil type can be recorded in broad categories e.g. chalky, heavy clay, sandy loam etc.
- **Number of years the site has been within an arable rotation.** If this is an estimate, please indicate with a 'c.' before the number (e.g. c.50).
- **The list of plants to be recorded includes 120 species** - ranging from those that are still locally frequent to those that are now extremely rare. To assess the botanical quality of an assemblage of species, the combined totals of each species score should be calculated, irrespective of the abundance of each individual species.
- **Record relative abundance on the DAFOR scale using one letter per present species:**  
D = Dominant, A = Abundant, F = Frequent, O = Occasional, R = Rare
- **It is useful to know something of the overall composition of the plant community.** The most abundant species should be recorded. It is also useful to know whether there are any species present that might be a problem to conservation management, for instance Cleavers, Upright Brome or Black Grass.
- **Any details of the site, which you feel are relevant, should be included in the comments section.** These could include descriptions of the field boundary, adjacent habitats of importance, management factors (e.g. game cover crops etc.).
- **A small sketch map is helpful.** This should show the position of the uncommon species within the field boundary. There should be an indication of scale and a north point if possible.

**If you have any queries or require more recording forms please contact:  
Plantlife, 14 Rollestone Street, Salisbury, Wiltshire, SP1 1DX  
Tel: 01722 342730, Fax: 01722 329035, email: [enquiries@plantlife.org.uk](mailto:enquiries@plantlife.org.uk)**

The information collected will be used for the identification of important sites for arable plants and for the improved targeting of agri-environment schemes. The information will be used by Plantlife, Natural England and DEFRA.

No site should be visited without the owner's permission. Unfortunately data gathered without permission cannot be used.

**I declare that the landowner's permission was received before this information was sent to Plantlife:**

.....(Recorder's signature)

**Return completed forms to: Plantlife, 14 Rollestone Street, Salisbury, Wiltshire SP1 1DX**

This survey is part of the Plantlife Arable Plants Project, kindly supported by:



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Plantlife International - The Wild Plant Conservation Charity  
14 Rollestone Street, Salisbury, Wiltshire, SP1 1DX  
Telephone: +44 (0) 01722 342730 Fax: +44 (0) 01722 329035  
[enquiries@plantlife.org.uk](mailto:enquiries@plantlife.org.uk) [www.plantlife.org.uk](http://www.plantlife.org.uk)

Plantlife International - The Wild Plant Conservation Charity is a charitable company limited by guarantee.  
Registered Charity Number: 1059559. Registered Company Number: 3166339.

Farm:	Owner:	Tel:
Field Name:	Grid Ref:	County:
Recorder Name:	Recorder Tel:	Date:

Soil Type:	Past Cropping:
Current Crop:	No. of yrs arable rotation:
Type Cultivation(plough/min till):	Most abundant species in the field:
Any problem weed species or management issues:	
Agri-environment Scheme details:	
Sketch Map + any other comments (other interesting species etc.) on back cover	

Species	Species Score	Dafor	Score
Pheasant's-eye <i>Adonis annua</i>	8		
Corncockle <i>Agrostemma githago</i>	9		
Ground-pine <i>Ajuga chamaepitys</i>	8		
Rough Marsh-mallow <i>Althaea hirsuta</i>	8		
Small Alison <i>Alyssum alyssoides</i>	8		
Blue Pimpernel <i>Anagallis arvensis</i> ssp. <i>foemina</i>	5		
Small Bugloss <i>Anchusa arvensis</i>	1		
Corn Chamomile <i>Anthemis arvensis</i>	8		
Stinking Chamomile <i>Anthemis cotula</i>	7		
Annual Vernal-grass <i>Anthoxanthum aristatum</i>	8		
Bur Chervil <i>Anthriscus caucalis</i>	3		
Dense Silky-bent <i>Apera interrupta</i>	4		
Loose Silky-bent <i>Apera spica-venti</i>	6		
Slender Parsley-piert <i>Aphanes australis</i>	1		
Lamb's-succory <i>Arnoseris minima</i>	9		
Bristle Oat <i>Avena strigosa</i>	5		
Black Mustard <i>Brassica nigra</i>	2		
Lesser Quaking-grass <i>Briza minor</i>	5		
Field Brome <i>Bromus arvensis</i>	6		
Interrupted Brome <i>Bromus interruptus</i>	9		
Rye Brome <i>Bromus secalinus</i>	7		
Greater Pignut <i>Bunium bulbocastanum</i>	6		
Thorow-wax <i>Bupleurum rotundifolium</i>	9		
False Flax <i>Camelina sativa</i>	5		
Small Bur-parsley <i>Caucalis platycarpus</i>	9		
Cornflower <i>Centaurea cyanus</i>	8		
Small Toadflax <i>Chaenorhinum minus</i>	1		
Fig-leaved Goosefoot <i>Chenopodium ficifolium</i>	2		
Maple-leaved Goosefoot <i>Chenopodium hybridum</i>	3		
Nettle-leaved Goosefoot <i>Chenopodium murale</i>	7		

Species	Species Score	Dafor	Score
Many-seeded Goosefoot <i>Chenopodium polyspermum</i>	2		
Upright Goosefoot <i>Chenopodium urticum</i>	9		
Corn Marigold <i>Chrysanthemum segetum</i>	7		
Tansy Mustard <i>Descurainia sophia</i>	3		
Purple Viper's-bugloss <i>Echium plantagineum</i>	8		
Common Stork's-bill <i>Erodium cicutarium</i>	1		
Musk Stork's-bill <i>Erodium moschatum</i>	3		
Treacle-mustard <i>Erysimum cheiranthoides</i>	2		
Dwarf Spurge <i>Euphorbia exigua</i>	6		
Broad-leaved Spurge <i>Euphorbia platyphyllus</i>	3		
Narrow-leaved Cudweed <i>Filago gallica</i>	9		
Red-tipped Cudweed <i>Filago lutescens</i>	8		
Broad-leaved Cudweed <i>Filago pyramidata</i>	8		
Common Cudweed <i>Filago vulgaris</i>	6		
Tall Ramping-fumitory <i>Fumaria bastardii</i>	2		
White Ramping-fumitory <i>Fumaria capreolata</i>	3		
Dense-flowered Fumitory <i>Fumaria densiflora</i>	3		
Common Ramping-fumitory <i>Fumaria muralis</i> ssp. <i>neglecta</i>	7		
Western Ramping-fumitory <i>Fumaria occidentalis</i>	5		
Fine-leaved Fumitory <i>Fumaria parviflora</i>	7		
Purple Ramping-fumitory <i>Fumaria purpurea</i>	4		
Martin's Ramping-fumitory <i>Fumaria reuteri</i>	8		
Few-flowered Fumitory <i>Fumaria vaillantii</i>	7		
Red Hemp-nettle <i>Galeopsis angustifolia</i>	9		
Downy Hemp-nettle <i>Galeopsis segetum</i>	9		
Large-flowered Hemp-nettle <i>Galeopsis speciosa</i>	7		
False Cleavers <i>Galium spurium</i>	8		
Corn Cleavers <i>Galium tricomutum</i>	9		
Nit-grass <i>Gastridium ventricosum</i>	5		
Long-stalked Crane's-bill <i>Geranium columbinum</i>	2		

Species	Species Score	Dafor	Score
Small-flowered Crane's-bill <i>Geranium pusillum</i>	2		
Jagged Chickweed <i>Holosteum umbellatum</i>	9		
Henbane <i>Hyoscyamus niger</i>	7		
Smooth Cat's-ear <i>Hypochaeris glabra</i>	7		
Wild Candytuft <i>Iberis amara</i>	7		
Sharp-leaved Fluellen <i>Kickxia elatine</i>	2		
Round-leaved Fluellen <i>Kickxia spuria</i>	3		
Henbit Dead-nettle <i>Lamium amplexicaule</i>	1		
Northern Dead-nettle <i>Lamium confertum</i>	3		
Yellow Vetchling <i>Lathyrus aphaca</i>	7		
Small Tree-mallow <i>Lavatera cretica</i>	7		
Venus's-looking-glass <i>Legousia hybrida</i>	3		
Field Pepperwort <i>Lepidium campestre</i>	3		
Corn Gromwell <i>Lithospermum arvense</i>	8		
Darnel <i>Lolium temulentum</i>	9		
Grass-poly <i>Lythrum hyssopifolium</i>	8		
Dwarf Mallow <i>Malva neglecta</i>	2		
Field Cow-wheat <i>Melampyrum arvense</i>	8		
Corn Mint <i>Mentha arvensis</i>	1		
Annual Mercury <i>Mercurialis annua</i>	2		
Weasel's-snout <i>Misopates orontium</i>	7		
Mousetail <i>Myosurus minimus</i>	7		
Cat-mint <i>Nepeta cataria</i>	7		
Common Broomrape <i>Orobanche minor</i>	2		
Prickly Poppy <i>Papaver argemone</i>	7		
Babington's Poppy <i>Papaver dubium</i> ssp. <i>lecoqii</i>	2		
Rough Poppy <i>Papaver hybridum</i>	3		
Corn Parsley <i>Petroselinum segetum</i>	3		
Four-leaved Allseed <i>Polycarpon tetraphyllum</i>	5		
Northern Knotgrass <i>Polygonum boreale</i>	4		

Species	Species Score	Dafor	Score
Cornfield Knotgrass <i>Polygonum rivinagum</i>	3		
Corn Buttercup <i>Ranunculus arvensis</i>	9		
Rough-fruited Buttercup <i>Ranunculus muricatus</i>	6		
Small-flowered Buttercup <i>Ranunculus parviflorus</i>	3		
Hairy Buttercup <i>Ranunculus sardous</i>	3		
Wild Radish <i>Raphanus raphanistrum</i>	1		
Greater Yellow-rattle <i>Rhinanthus angustifolius</i>	7		
Shepherd's needle <i>Scandix pecten-veneris</i>	9		
Annual Knawel <i>Scleranthus annuus</i>	8		
Field Madder <i>Sherardia arvensis</i>	1		
Small-flowered Catchfly <i>Silene gallica</i>	8		
Night-flowering Catchfly <i>Silene noctiflora</i>	7		
White Mustard <i>Sinapis alba</i>	2		
Corn Spurrey <i>Spergula arvensis</i>	7		
Field Woundwort <i>Stachys arvensis</i>	6		
Cut-leaved Germander <i>Teucrium botrys</i>	7		
Perfoliate Penny-cress <i>Thlaspi perfoliatum</i>	7		
Spreading Hedge-parsley <i>Torilis arvensis</i>	8		
Knotted Hedge-parsley <i>Torilis nodosa</i>	3		
Narrow-fruited Cornsalad <i>Valerianella dentata</i>	8		
Broad-fruited Cornsalad <i>Valerianella ramosa</i>	8		
Green Field-speedwell <i>Veronica agrestis</i>	1		
Grey Field-speedwell <i>Veronica polita</i>	2		
Breckland Speedwell <i>Veronica praecox</i>	8		
Fingered Speedwell <i>Veronica triphyllus</i>	8		
Spring Speedwell <i>Veronica verna</i>	8		
Slender Tare <i>Vicia parviflora</i>	7		
Smooth Tare <i>Vicia tetrasperma</i>	2		
Wild Pansy <i>Viola tricolor</i> ssp. <i>tricolor</i>	6		
<b>Assemblage Score</b> (sum of all individual scores of species)			