

Arable Plant National Vegetation Classification Quadrat Survey

This virtual NVC uses real images that were taken on 29 June. These are a record of species present in 1x1m quadrats, but not percentage cover. Your task is to identify the species in the images and use them to classify the habitat to the community level.

You need to:

- Identify the species in each image using the list below and identification guides, for example The Wild Flower Key by Francis Rose or New Flora of the British Isles (fourth edition) by Clive Stace.
- Play the presentation examining each picture for each quadrat. Images are taken to emphasise one species, but sometimes they contain more than one. You can put down all the species that you can identify from each image.
- Use the NVC data collection form to show species presence in each quadrat by putting a tick or a 'P' for presence in each quadrat where a species was present.
- Use British Plant Communities Volume 5 Habitats of Open Vegetation (Ed. J Rodwell) and the Key to the vegetation of open habitats on pages 325-333 to assess which community this sample fits into. Do you agree with this assessment and why?
- Use the MAVIS software to classify the habitat type. Do you agree with this assessment and why? (NB the Mavis software may still use the old scientific names for some species)
- Write a description of the habitat on the form looking at frequency of species (how often they occurred) and composition of community. You can read community descriptions for the 'standard' communities in Volume 5 of the NVC guides.

Fat Hen (<i>Chenopodium album</i>)	Broadleaved Dock (<i>Rumex obtusifolius</i>)
Field Bindweed (<i>Convolvulus arvensis</i>)	Field Madder (<i>Sherardia arvensis</i>)
Sunspurge (<i>Euphorbia helioscopia</i>)	White Campion (<i>Silene latifolia</i>)
Black Bindweed (<i>Fallopia convolvulus</i>)	Charlock (<i>Sinapis arvensis</i>)
Common Fumitory (<i>Fumaria officinalis</i>)	Prickly Sowthistle (<i>Sonchus asper</i>)
Crane's-bill (<i>Geranium</i> sp.)	Smooth Sowthistle (<i>Sonchus oleraceus</i>)
Henbit Dead-nettle (<i>Lamium amplexicaule</i>)	Common Chickweed (<i>Stellaria media</i>)
Red Dead-nettle (<i>Lamium purpureum</i>)	Dandelion (<i>Taraxacum officinale</i>)
Venus's-looking-glass (<i>Legousia hybrida</i>)	Field Pennycress (<i>Thlaspi arvense</i>)
Scarlet Pimpernel (<i>Lysimachia arvensis</i>)	Common Field-speedwell (<i>Veronica persica</i>)
Black Medick (<i>Medicago lupulina</i>)	Field Pansy (<i>Viola arvensis</i>)
Common Poppy (<i>Papaver rhoeas</i>)	

Name changes:

Scarlet Pimpernel *Anagallis arvensis* = *Lysimachia arvensis*

Black Bindweed *Bilderdykia convolvulus* / *Polygonum convolvulus* = *Fallopia convolvulus*