

Plants recorded at Penlanole in June and July 2007

**Periwinkle Field**

Dicotyledons

<i>Achillea millefolium</i>	Yarrow
<i>Cardamine pratensis</i>	Cuckooflower
<i>Centaurea nigra</i>	Common Knapweed
<i>Cerastium holostoides</i>	Common Mouse-ear
<i>Crepis capillaris</i>	Smooth Hawk's-beard
<i>Euphrasia officinalis</i> agg.	Eyebright
<i>Heracleum sphondylium</i>	Hogweed
<i>Hieracium pilosella</i>	Mouse-ear Hawkweed
<i>Hypochoeris radicata</i>	Cat's-ear
<i>Leontodon autumnalis</i>	Autumn Hawkbit
<i>Leontodon hispidus</i>	Rough Hawkbit
<i>Lotus corniculatus</i>	Common Bird's-foot-trefoil
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Ranunculus acris</i>	Meadow Buttercup
<i>Ranunculus bulbosus</i>	Bulbous Buttercup
<i>Rhinanthus minor</i>	Yellow Rattle
<i>Rumex acetosa</i>	Common Sorrel
<i>Rumex obtusifolius</i>	Broad-leaved Dock
<i>Stellaria graminea</i>	Lesser Stitchwort
<i>Taraxacum officinale</i>	Dandelion
<i>Trifolium dubium</i>	Lesser Trefoil
<i>Trifolium pratense</i>	Red Clover
<i>Trifolium repens</i>	White Clover

Grasses

<i>Agrostis stolonifera</i>	Creeping Bent
<i>Agrostis capillaris</i>	Common Bent
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass
<i>Bromus hordeaceus</i>	Lop-grass
<i>Bromus lepidus</i>	Slender Soft-brome
<i>Cynosurus cristatus</i>	Crested Dog's-tail
<i>Dactylis glomerata</i>	Cock's-foot
<i>Holcus lanatus</i>	Yorkshire Fog
<i>Holcus mollis</i>	Creeping Soft-grass
<i>Lolium perenne</i>	Perennial Rye-grass
<i>Phleum bertolonii</i>	Smaller Cat's-tail
<i>Phleum pratense</i>	Timothy

<i>Pteridium aquilinum</i>	Bracken
<i>Hyacinthoides non-scripta</i>	Bluebell

Total 37 species

## Observations for 2007

The abundance of Yellow Rattle was very down on 2006.

The abundance of many annual and perennial herbs was down on the previous year(2006)

The abundance of white and red clover was up on previous years.

The abundance of *Lolium perenne* was down on previous years.

These observations are not based on quantified data: they are subjective. Differences are as likely to be due to variation in sampling dates and sampling errors than any true decline or increase in abundance of species.

During the winter of 2005/2006 badgers damaged much of the field rootling for leather jackets. It will be interesting to see how this has affected the grassland.

In 2007 this “damage” did not appear to have caused any effect on hay production.

## **Shakespeare’s Meadow**

### Dicotyledons

<i>Achillea millefolium</i>	Yarrow
<i>Capsella bursa-pastoris</i>	Shepherds Purse
<i>Cirsium</i> sp.	Not collected and identified
<i>Lotus corniculatus</i>	Common Bird’s foot trefoil
<i>Matricaria matricarioides</i>	Pineappleweed
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Prunella vulgaris</i>	Selfheal
<i>Ranunculus repens</i>	Creeping Buttercup? (or bulbous?)
<i>Rumex acetosa</i>	Common Sorrel
<i>Trifolium dubium</i>	Lesser Trefoil
<i>Trifolium pratense</i>	Red Clover+
<i>Trifolium repens</i>	White Clover
<i>Urtica dioica</i>	Common nettle

### Grasses

<i>Agrostis stolonifera</i>	Creeping Bent
<i>Anthoxanthum odoratum</i>	Sweet Vernal Grass
<i>Cynosurus cristatus</i>	Crested Dog’s tail
<i>Dactylis glomerata</i>	Cock’s-foot
<i>Holcus lanatus</i>	Yorkshire Fog
<i>Lolium perenne</i>	Perennial Rye grass

### Reference

Stace, Clive (1977). New Flora of the British Isles. CUP

