

Threatened Plant Survey

We managed to do TPP Surveys on three sites for *Juncus compressus* in Dentdale and Widdale, we also managed Surveys on some of the Small White Orchid sites, Dr. Margaret Bradshaw gave us the data for the site down river from Wynch Bridge and Alan Gendle did the Survey form for Deepdale near Sedbergh where the Orchid has been seen 4 times in the last 10 years, and a null record had been expected, however this year there were two spikes. As a result of its intermittent appearances we will endeavour to visit any old Small White Orchid sites in the v.c. annually. The dry spring was blamed for the non-appearance of the Burnt Orchids in Leyburn Glebe and sheep blamed for the non-appearance of the Orchid up river from Masham. We received some old 1980's records of Burnt Orchids and Green Winged Orchids with Grid References from Mike Porter and Mike Foley and we are having a Field Meeting on 20th May to try and visit these sites. It was not possible to visit any *Sedum villosum* sites this year but hopefully this will be remedied in 2012.

There are a new group of species for the TPP in 2012, these are:-

Alchemilla wichurae

Anacamptis morio (*Orchis morio*)

Bupleurum tenuissimum

Fumaria parviflora

Hypochaeris glabra

Orchis anthropophora (*Aceras anthropophorum*)

Persicaria minor

Ranunculus arvensis

Tephrosia integrifolia subsp. *Integrifolia*

Vicia parviflora

Linda and Kevin will be visiting sites for any occurring in v.c.65 and if you would like to come along please get in touch with them or if you know any localities in v.c.65 for any of these we would very much appreciate the information.

Rare Plants Register

We are still in the process of producing a Rare Plants Register for the v.c., we are focusing our recording efforts on species that are either nationally rare or scarce (i.e. recorded in less than 100 10 × 10 km squares) or classified as threatened in the new Red Data List of the British flora published in 2005. Currently this includes the 126 native and archaeophyte taxa listed below:

Actaea spicata

Alchemilla acutiloba

Alchemilla glaucescens

Alchemilla glomerulans

Alchemilla minima

Alchemilla monticola

Hypericum montanum

Juncus alpinoarticulatus

Juncus compressus

Kobresia simpliciuscula

Limosella aquatica

Linum perenne

<i>Alchemilla subcrenata</i>	<i>Luronium natans</i>
<i>Alchemilla wichurae</i>	<i>Lysimachia thyrsiflora</i>
<i>Allium oleraceum</i>	<i>Melampyrum sylvaticum</i>
<i>Alopecurus borealis</i>	<i>Meum athamanticum</i>
<i>Anthemis arvensis</i>	<i>Minuartia hybrid</i>
<i>Arabis glabra</i>	<i>Minuartia verna</i>
<i>Asplenium trichomanes ssp. pachyrachis</i>	<i>Myosotis alpestris</i>
<i>Bartsia alpina</i>	<i>Myosotis stolonifera</i>
<i>Blysmus compressus</i>	<i>Myosurus minimus</i>
<i>Bromopsis benekenii</i>	<i>Myriophyllum verticillatum</i>
<i>Cardamine impatiens</i>	<i>Oenanthe fistulosa</i>
<i>Carex capillaris</i>	<i>Ophrys insectifera</i>
<i>Carex digitata</i>	<i>Anacamptis morio</i>
<i>Carex ericetorum</i>	<i>Neotinea ustulata</i>
<i>Carex muricata ssp. muricata</i>	<i>Orobanche alba</i>
<i>Carex vaginata</i>	<i>Orobanche rapum-genistae</i>
<i>Chenopodium bonus-henricus</i>	<i>Orobanche reticulata</i>
<i>Chrysanthemum segetum</i>	<i>Papaver argemone</i>
<i>Circaea alpina</i>	<i>Persicaria minor</i>
<i>Clinopodium calamintha</i>	<i>Peucedanum ostruthium</i>
<i>Cochlearia micacea</i>	<i>Pilularia globulifera</i>
<i>Cochlearia pyrenaica</i>	<i>Polemonium caeruleum</i>
<i>Coeloglossum viride</i>	<i>Polygala amarella</i>
<i>Crepis mollis</i>	<i>Polystichum lonchitis</i>
<i>Cynoglossum officinale</i>	<i>Potamogeton coloratus</i>
<i>Cypripedium calceolus</i>	<i>Potamogeton friesii</i>
<i>Dactylorhiza traunsteinerioides</i>	<i>Potentilla crantzii</i>
<i>Daphne mezereum</i>	<i>Potentilla fruticosa</i>
<i>Draba muralis</i>	<i>Potentilla neumanniana</i>
<i>Dryas octopetala</i>	<i>Primula farinosa</i>
<i>Dryopteris submontana</i>	<i>Pseudorchis albida</i>
<i>Epipactis atrorubens</i>	<i>Ranunculus arvensis</i>
<i>Epipactis phyllanthes</i>	<i>Ribes alpinum</i>
<i>Equisetum pratense</i>	<i>Ribes spicatum</i>
<i>Equisetum variegatum</i>	<i>Rosa agrestis</i>
<i>Eriophorum gracile</i>	<i>Rumex pseudoalpinus</i>
<i>Erophila majuscula</i>	<i>Saxifraga hirculus</i>
<i>Euphorbia exigua</i>	<i>Saxifraga hypnoides</i>
<i>Euphrasia rostkoviana ssp. montana</i>	<i>Scandix pecten-veneris</i>
<i>Euphrasia rostkoviana ssp. rostkoviana</i>	<i>Scheuchzeria palustris</i>
<i>Filago vulgaris</i>	<i>Sedum villosum</i>
<i>Fumaria purpurea</i>	<i>Sesleria caerulea</i>
<i>Galeopsis angustifolia</i>	<i>Silene gallica</i>
<i>Galeopsis speciosa</i>	<i>Silene noctiflora</i>
<i>Genista anglica</i>	<i>Sium latifolium</i>
	<i>Sorbus rupicola</i>
	<i>Spergula arvensis</i>
	<i>Spiranthes spiralis</i>

<i>Gentiana verna</i>	<i>Stachys arvensis</i>
<i>Gentianella campestris</i>	<i>Stellaria palustris</i>
<i>Gnaphalium sylvaticum</i>	<i>Teesdalia nudicaulis</i>
<i>Groenlandia densa</i>	<i>Teucrium scordium</i>
<i>Gymnocarpium</i> <i>robertianum</i>	<i>Thlaspi caerulescens</i>
<i>Helianthemum oelandicum</i>	<i>Tilia platyphyllos</i>
<i>ssp. levigatum</i>	<i>Utricularia australis</i>
<i>Hordelymus europaeus</i>	<i>Valerianella dentata</i>
<i>Hornungia petraea</i>	<i>Vicia orobus</i>
<i>Hymenophyllum wilsonii</i>	<i>Viola tricolor</i>
<i>Hyoscyamus niger</i>	<i>Woodsia ilvensis</i>

Some of these species are long extinct (e.g. *Cypripedium calceolus*, *Eriophorum gracile*, *Scheuchzeria palustris*, *Woodsia ilvensis*) whereas others are relatively common in VC65 (e.g. *Minuartia verna*, *Primula farinosa*, *Sesleria caerulea*). We would welcome any recent records or help with checking out old sites for any of these species.

We have already made a start to record the flora of the entire county, at the tetrad scale, we hope to keep going over the next 18 years. Initially we intend to focus on hectads for which we have very few records. To this end we have planned a series of field trips to various parts of the county during next summer (see below). Please feel free to come along to these meetings or alternatively if you would like to concentrate on specific areas or hectads closer to home then please feel free to get in touch to see how we can help. We can supply lists of species for each hectad, probably some old records and recording forms.