

Preliminary list of species for inclusion in the Rare Plant Register for Huntingdonshire (VC31)

A preliminary list of taxa to be considered for inclusion in the Rare Plant Register (RPR) is provided below. The list is likely to be subject to gradual review with updates appearing on the Vice-County webpage. The list is intended as a guide to species requiring attention in the run up to publication of the RPR, but it is hoped that recorders will not focus on this list to such an extent that other recording activities and opportunities are over-looked. Records of all species are valuable and welcome. Similarly, as the discovery of *Osmunda regalis* in 2007 proves, there is still scope for the discovery of new native (and non-native) plant species within the Vice-County. In many cases such new native finds will merit inclusion in the RPR.

Where appropriate, the collection of voucher material and consultation with BSBI referees is encouraged. Please supply a minimum of a 6-figure grid reference with all records. Detailed habitat notes and other pertinent information are also welcome and encouraged.

The inclusion of hybrids follows the five criteria established in the Vascular Plant Red Data List (Cheffings & Farrell, 2005). The hybrid list will be subject to further review as knowledge of the ecology of these taxa is accumulated. Some non-conforming regional specialities have been included for the time being (e.g. *Primula elatior* hybrids).

Taxa meeting the criteria for 'conservation reintroductions' as defined in Cheffings & Farrell (2005) are treated as native. Casual taxa will be excluded from the RPR, except where there is a strong case for their inclusion. Casuals have already been well treated in the County Flora (Wells, 2003).

It is not within the scope of the RPR to undertake a full review of all 'microspecies' occurring in the Vice-County. Such species are patchily recorded and there are still many opportunities for new first county records to be made. However, where records exist then they will be considered for inclusion on their individual merit, based on the best available information. As such, it is hoped that more people will take an interest in these difficult taxa. In particular, the collection of high quality *Taraxacum* and *Rubus* material (see BSBI yearbook, Plant Crib and the Dandelion Handbook for further guidance on collecting specimens), for identification by our expert BSBI referees, is encouraged.

Red Data List, Nationally rare or scarce

Charophytes – to be defined, refereed records of all taxa encouraged

Agrostemma githago

Anacamptis morio (= *Orchis morio*)

Anthemis arvensis

Anthemis cotula

Baldellia ranunculoides

Calystegia sepium ssp. *roseata*

Carex diandra

Carex x evoluta

Chenopodium bonus-henricus

Chrysanthemum segetum

Clinopodium calamintha

Cuscuta europaea

Cynoglossum officinale

Cyperus longus

Dianthus armeria

Euphorbia exigua
Filago vulgaris
Fritillaria meleagris
Galeopsis angustifolia
Galeopsis speciosa
Groenlandia densa
Hydrocharis morsus-ranae
Hyoscyamus niger
Juncus compressus
Lathyrus palustris
Lithospermum arvense
Luzula pallidula
Medicago minima
Melampyrum cristatum
Myosurus minimus
Myriophyllum verticillatum
Neottia nidus-avis
Oenanthe fistulosa
Oenanthe silaifolia
Onobrychis viciifolia
Papaver argemone
Potamogeton friesii
Potamogeton x fluitans
Primula elatior
Primula x digenea
Ranunculus arvensis
Scandix pecten-veneris
Scleranthus annuus ssp. annuus
Senecio paludosus
Silene noctiflora
Sium latifolium
Sonchus palustris
Spergula arvensis
Stachys arvensis
Stellaria palustris
Trifolium ochroleucon
Valerianella dentata
Vicia parviflora
Viola canina ssp. canina
Viola canina ssp. montana
Viola persicifolia
Viola x ritschliana
Viola tricolor ssp. tricolor

Locally rare, scarce or declining

Charophytes – to be defined, refereed records of all taxa encouraged
Achillea ptarmica
Adoxa moschatellina (not listed in Flora but record given in New Atlas)
Agrimonia procera
Agrostis canina
Aira caryophyllea
Aira praecox

Allium ursinum
Alopecurus aequalis
Alopecurus x haussknachtianus
Anacamptis pyramidalis
Anagallis tenella
Anthriscus caucalis
Anthyllis vulneraria ssp. vulneraria (beware alien ssp.)
Aphanes australis
Apium graveolens
Apium inundatum
Apium x moorei
Arabis hirsuta
Arctium lappa ssp. nemorosum (material to be collected, possibility of confusion with ssp. pubens, follow Sell & Murrell (2006) taxonomy)
Artemisia absinthium
Asplenium trichomanes ssp. quadrivalens
Astragalus glycyphyllos
Athyrium filix-femina
Atropa belladonna
Berberis vulgaris
Berula erecta
Bidens cernua (beware B. tripartita var. integra which is not infrequent e.g. along the Nene valley)
Blechnum spicant
Bolboschoenus maritimus
Bromus racemosus
Calamagrostis canescens
Callitriche hamulata
Callitriche obtusangula
Callitriche platycarpa
Calluna vulgaris
Campanula glomerata
Campanula latifolia
Campanula rotundifolia ssp. rotundifolia
Cardamine amara
Carex binervis
Carex divulsa ssp. divulsa
Carex divulsa ssp. leersii
Carex echinata
Carex hostiana
Carex lasiocarpa
Carex muricata ssp. lamprocarpa
Carex nigra
Carex leporina (= Carex ovalis)
Carex pallescens
Carex panicea
Carex paniculata
Carex pilulifera
Carex pseudocyperus
Carex pulicaris
Carex strigosa
Carex vesicaria

Carex viridula ssp. *brachyrrhyncha*
Carex viridula ssp. *oedocarpa*
Carex viridula ssp. *viridula*
Carlina vulgaris
Catabrosa aquatica
Centaurea cyanus
Centaurea debeauxii ssp. *thuilleri*
Centaurea nigra *sens. str.* (following the revision published in Sell & Murrell most of the common knapweed populations examined by myself appear referable to *C. debeauxii* ssp. *nemoralis*. More records are needed but true *C. nigra* may be rare in the VC)
Centaureum pulchellum
Cerastium arvense
Cerastium semidecandrum
Ceratocarpus claviculata
Ceratophyllum submersum
Ceterach officinarum
Chenopodium hybridum
Cirsium dissectum
Cladium mariscus
Clinopodium ascendens
Crepis biennis
Cruciata laevipes
Cytisus scoparius ssp. *scoparius*
Dactylorhiza incarnata ssp. *incarnata*
Dactylorhiza praetermissa
Dactylorhiza traunsteinerioides
Danthonia decumbens
Digitalis purpurea (distinguish native records from likely garden escapes)
Diploaxis tenuifolia
Dipsacus pilosus
Dryopteris affinis
Dryopteris carthusiana
Echium vulgare
Eleocharis acicularis
Eleocharis uniglumis
Epilobium palustre
Epilobium roseum
Epipactis helleborine
Epipactis purpurata
Erica tetralix
Erodium moschatum
Euphorbia lathyris
Euphorbia platyphyllos
Foeniculum vulgare
Frangula alnus
Galium odoratum
Galium palustre ssp. *elongatum* (doubtfully under-recorded, this is a large and distinctive ssp. that is hard to ignore. Sell and Murrell (2006) have defined 3 ssp., one more than described in Stace (1997). As such, please state which taxonomy has been followed).
Galium uliginosum
Genista tinctoria ssp. *tinctoria*
Gentianella amarella ssp. *amarella*

Geranium columbinum
Geranium lucidum
Geranium pusillum (probably under-recorded)
Geranium rotundifolium (may qualify, not included in the County Flora)
Glyceria x pedicellata
Gymnadenia conopsea
Helianthemum nummularium
Helictotrichon pratense
Helleborus viridis ssp. occidentalis
Hieracium umbellatum ssp. umbellatum (refereed records of all Hieracium species are encouraged, only collect if population can sustain it)
Holcus mollis
Hordelymus europaeus
Hydrocotyle vulgaris
Hypericum humifusum
Hypericum pulchrum
Inula conyzae
Isolepis fluitans (= Eleogiton fluitans)
Isolepis setacea
Juncus bulbosus
Juncus subnodulosus
Koeleria macrantha
Lathyrus sylvestris
Legousia hybrida
Lepidium campestre
Lepidium heterophyllum
Linaria repens
Lotus glaber
Luzula multiflora (ssp. multiflora and ssp. congesta both occur in the VC. It will be necessary to determine populations to ssp. level so that we can identify whether one or both ssp. merit inclusion in the RPR)
Lysimachia nemorum
Lythrum portula
Mentha spicata
Mentha x piperita
Mentha x verticillata
Molinia caerulea ssp. caerulea
Montia fontana ssp. chondrosperma
Mycelis muralis
Myosotis discolor
Myosotis ramosissima
Myrica gale
Myriophyllum alterniflorum
Nymphoides peltata
Oenanthe crocata
Oenanthe fluviatilis
Origanum vulgare
Ornithogalum pyrenaicum
Orobanche elatior
Orobanche minor
Osmunda regalis
Oxalis acetosella

Papaver hybridum
Paris quadrifolia
Pedicularis palustris
Pedicularis sylvatica ssp. sylvatica
Persicaria bistorta
Persicaria hydropiper
Persicaria minor
Persicaria mitis
Petasites hybridus
Petroselinum segetum
Poa humilis
Polygala serpyllifolia
Polygala vulgaris ssp. vulgaris
Polygonum rurivagum
Polypodium interjectum
Polystichum setiferum
Populus nigra ssp. betulifolia
Potamogeton berchtoldii
Potamogeton coloratus
Potamogeton compressus
Potamogeton gramineus
Potamogeton pusillus
Potamogeton trichoides
Potamogeton x angustifolius (= x zizii)
Potamogeton x cooperi
Potamogeton x grovesii
Potamogeton x nitens
Potamogeton x salicifolius
Potamogeton x sparganiifolius
Potentilla anglica
Potentilla palustris
Primula x media
Prunus avium (scarce native but also widely planted, please distinguish likely natives from introductions)
Pyrus communis agg. (if possible distinguish between Pyrus pyraster and P. communis)
Ranunculus baudotii
Ranunculus fluitans
Ranunculus hederaceus
Ranunculus lingua
Ranunculus parviflorus
Ranunculus peltatus
Ranunculus sardous
Rorippa x sterilis (commonly cultivated and perhaps under-recorded)
Rosa agrestis
Rosa caesia
Rosa micrantha
Rosa obtusifolia
Rosa rubiginosa
Rosa sherardii
Rosa stylosa
Rumex pulcher
Ruscus aculeatus

Salix aurita
Salix repens
Salix x rubens (may qualify but more likely to be under-recorded and widely planted)
Salix x rubra
Salvia verbenaca
Sambucus ebulus
Saxifraga granulata
Scabiosa columbaria
Schoenoplectus tabernaemontani
Senecio sylvaticus
Serratula tinctoria
Silene dioica
Sorbus torminalis
Sparganium emersum
Spergularia rubra
Spirodela polyrhiza
Stellaria uliginosa
Stellaria neglecta
Stellaria pallida
Teucrium scorodonia
Thymus polytrichus
Torilis arvensis
Torilis nodosa
Trifolium micranthum
Trifolium striatum
Trifolium subterraneum
Triglochin palustre
Ulmus x vegeta
Urtica dioica ssp. galeopsifolia
Utricularia vulgaris
Valeriana dioica
Verbascum nigrum
Verbena officinalis
Veronica montana
Veronica scutellata
Viola x bavarica
Viola x scabra
Viscum album
Vulpia unilateralis (possibly native)

Extinct

Adonis annua
Alchemilla filicaulis ssp. vestita
Allium oleraceum
Andromeda polifolia
Antennaria dioica
Apera spica-venti
Astragalus danicus
Botrychium lunaria
Bromus secalinus
Bupleurum rotundifolium
Bupleurum tenuissimum

Chenopodium vulvaria
Clinopodium acinos
Cuscuta epithymum
Cynoglossum germanicum
Dactylorhiza viridis (= Coeloglossum viride)
Dianthus deltoides
Drosera anglica
Drosera intermedia
Drosera rotundifolia
Dryopteris cristata
Eleocharis multicaulis
Eleocharis quinqueflora
Epipactis palustris
Eriophorum angustifolium
Eriophorum latifolium
Filago lutescens
Filago minima
Galium saxatile
Galium tricornutum
Gastridium ventricosum
Genista anglica
Gnaphalium sylvaticum
Hammarbya paludosa
Lactuca saligna
Lathyrus aphaca
Limosella aquatica
Liparis loeselii
Lolium temulentum
Lycopodiella inundata
Lythrum hyssopifolia
Melampyrum pratense ssp. pratense
Mentha pulegium
Menyanthes trifoliata (may occur as a garden throwout)
Moenchia erecta
Narthecium ossifragum
Neotinea ustulata (= Orchis ustulata)
Nepeta cataria
Oenanthe lachenalii
Ophrys insectifera
Oreopteris limbosperma
Parnassia palustris
Peucedanum palustre
Pilularia globulifera
Pinguicula vulgaris
Polystichum aculeatum
Potamogeton polygonifolius
Potamogeton praelongus
Pulicaria vulgaris
Pulsatilla vulgaris
Rhynchospora alba
Sagina nodosa
Schoenus nigricans

Solidago virgaurea (original record doubtful)
Sparganium natans
Spiranthes spiralis (also an introduced colony at Monks Wood)
Stratiotes aloides (may occur as a garden throwout)
Teesdalia nudicaulis
Tephrosieris palustris ssp. congesta
Teucrium scordium
Thelypteris palustris
Thymus pulegioides
Utricularia australis
Utricularia minor
Vaccinium oxycoccos
Valerianella rimosa
Viola palustris
Wahlenbergia hederacea

Alien species of particular interest

Calystegia pulchra
Poa palustris
Ornithogalum angustifolium
Senecio fluviatilis
Other species under consideration.