

Rare Plant Register for Northamptonshire and the Soke of Peterborough

Alyson Freeman 2022

List of Species

Adiantum capillis-veneris
Adonis annua
Agrimonia procera
Agrostis vinealis
Aira praecox
Anacamptis morio
Antennaria dioica
Anthemis arvensis
Anthemis cotula
Aphanes australis
Aquilegia vulgaris
Arabis hirsuta
Arctium nemorosum
Arenaria leptoclados
Artemisia absinthium
Asperula cynanchica
Astragalus danicus
Avenella flexuosa
Baldellia ranunculoides subsp. ranunculoides
Bistorta officinalis
Blechnum spicant
Blitum bonus-henricus
Blysmus compressus
Bolboschoenus maritimus
Brachypodium rupestre
Briza minor
Bromus secalinus
Callitriche brutia subsp. hamulata
Calluna vulgaris
Calystegia sepium subsp. roseata
Camelina sativa
Campanula patula
Cardamine amara
Carduus tenuiflorus
Carex binervis
Carex demissa
Carex distans
Carex disticha
Carex divulsa subsp. leersii
Carex elata
Carex ericetorum
Carex hostiana
Carex lepidocarpa
Carex muricata subsp. pairae
Carex pulicaris
Carex rostrata
Carex vesicaria
Catabrosa aquatica
Centaurea cyanus
Cephalanthera damasonium

Cerastium diffusum
Cerastium pumilum
Ceratocarpus claviculata
Chenopodium vulvaria
Chrysosplenium oppositifolium
Cladium mariscus
Clinopodium acinos
Clinopodium nepeta
Coeloglossum viride
Colchicum autumnale
Convallaria majalis
Cuscuta epithymum
Cuscuta europaea
Cyperus longus
Cystopteris fragilis
Dactylorhiza incarnata
Dactylorhiza maculata
Danthonia decumbens
Diplotaxis tenuifolia
Drabella muralis
Dryopteris affinis
Dryopteris cambrensis subsp. cambrensis
Eleocharis acicularis
Eleocharis quinqueflora
Eleocharis uniglumis
Eleogiton fluitans
Epilobium roseum
Epipactis purpurata
Equisetum sylvaticum
Equisetum variegatum
Erica cinerea
Erica tetralix
Eriophorum angustifolium
Erodium moschatum
Ervum gracile
Euphorbia exigua
Euphorbia platyphyllos
Euphrasia pseudokernerii
Fritillaria meleagris
Fumaria densiflora
Fumaria officinalis subsp. wirtgenii
Fumaria parviflora
Gagea lutea
Galeopsis angustifolia
Galeopsis bifida
Galeopsis speciosa
Galium parisiense
Genista anglica
Genista tinctoria subsp. tinctoria
Gentianella amarella subsp. amarella
Geranium columbinum

Geranium purpureum
Geum rivale
Glebionis segetum
Groenlandia densa
Gymnadenia conopsea s.l.
Gymnadenia densiflora
Helianthemum nummularium
Helleborus foetidus
Helleborus viridis subsp. *occidentalis*
Helosciadium inundatum
Himantoglossum hircinum
Hippocrepis comosa
Hordelymus europaeus
Hottonia palustris
Hydrocharis morsus-ranae
Hydrocotyle vulgaris
Hylotelephium telephium
Hyoscyamus niger
Hypochaeris glabra
Hypopitys monotropa
Isolepis setacea
Jasione montana
Juncus bulbosus
Juncus compressus
Lactuca saligna
Laphangium luteoalbum
Lathraea squamaria
Lepidium heterophyllum
Lepidium latifolium
Linaria repens
Linum perenne
Lithospermum arvense
Littorella uniflora
Logfia minima
Luzula forsteri
Lysimachia foemina
Lysimachia tenella
Lythrum portula
Marrubium vulgare
Medicago minima
Medicago polymorpha
Melampyrum cristatum
Melampyrum pratense
Melica nutans
Mentha pulegium
Mentha suaveolens
Menyanthes trifoliata
Mespilus germanica
Misopates orontium
Moenchia erecta
Molinia caerulea

Montia fontana
Muscari neglectum
Myosurus minimus
Myriophyllum verticillatum
Narcissus pseudonarcissus
Nasturtium microphyllum
Neottia nidus-avis
Nymphoides peltata
Oenanthe aquatica
Oenanthe fistulosa
Oenanthe fluviatilis
Oenanthe lachenalii
Oenanthe silaifolia
Omalothea sylvatica
Ophrys insectifera
Orchis anthropophora
Oreopteris limbosperma
Ornithopus perpusillus
Pedicularis palustris
Pedicularis sylvatica
Persicaria mitis
Petrosedum forsterianum
Pinguicula vulgaris
Platanthera chlorantha
Poa humilis
Poa infirma
Polycarpon tetraphyllum
Polygala serpyllifolia
Polygonatum multiflorum
Polygonum rurivagum
Polypogon monspeliensis
Populus nigra subsp. betulifolia
Potamogeton alpinus
Potamogeton coloratus
Potamogeton compressus
Potamogeton friesii
Potamogeton praelongus
Potamogeton trichoides
Potentilla anglica
Potentilla argentea
Pulsatilla vulgaris
Pyrus pyraster
Ranunculus arvensis
Ranunculus hederaceus
Ranunculus peltatus
Ranunculus penicillatus
Ranunculus sardous
Roemeria hispida
Sabulina tenuifolia
Sagina apetala
Sagina nodosa

Scandix pecten-veneris
Schoenus nigricans
Scleranthus annuus
Serratula tinctoria
Silene gallica
Silybum marianum
Sison segetum
Sium latifolium
Sonchus palustris
Sparganium natans
Spergularia rubra
Spiranthes spiralis
Stachys arvensis
Stellaria neglecta
Stellaria palustris
Stratiotes aloides
Teesdalia nudicaulis
Teucrium scorodonia
Thymus pulegioides
Tilia platyphyllos
Torilis arvensis
Trifolium ochroleucon
Trifolium subterraneum
Ulex minor
Umbilicus rupestris
Valeriana dioica
Valerianella dentata
Verbascum lychnitis
Veronica scutellata
Viola canina

Introduction

This Rare Plant Register replaces the one issued in 2014. Updates will be made on an ongoing basis.

Scope

Records up until the end of 2019 on the BSBI database were used for the charts in this document. I have not included *Dryopteris affinis* as the aggregate is not rare or scarce in the county, and changes in nomenclature have not yet settled down. Most recorders have chosen to record as the agg., as identification of species/subspecies is difficult.

Hybrids are not included.

Apomictic groups such as *Taraxacum*, *Hieracium* and *Rubus* are not included as we have few experts and any records need to be confirmed with the referee.

Criteria

Rare means 3 sites or less in VC32.

Scarce means 10 sites or less in VC32.

Not scarce means more than 10 sites in VC32, but included because the species was formerly considered as rare or scarce, or is on the Red List for England or the UK.

Native means a plant which has been growing in Britain, usually for many thousands of years, without being either accidentally or intentionally introduced by man.

Archaeophyte means a naturalised plant believed to have been introduced by man before 1500 AD; it is considered to be naturalised if the population is maintained or increases from year to year.

Recorders

ADB	adb0806	MJ	Mark Jannick
AF	Alyson Freeman	MS	M. A. Spencer
AP	A.L. Primavesi	MW	M. Woods
AS	A G Smith	MWI	Martin Wiggington
BE	Brian Eversham	NB	Nicholas Barber
BF	Beryl Few	NC	Neil Crossman
BJ	Bob Johnson	NE	Natural England
BL	Brian Laney	NFG	Northamptonshire Flora Group
BLE	Barney Leigh	NH	Neil Harris
CC	Cliff Christie	NHU	Nathalie Hueber
CG	C. Guy	NIC	nickyth
CP	Chris Pendleton	NM	Nick Millar
CPERC	Cambridgeshire and Peterborough Environmental Records Centre	NMC	Neal McKenna
CS	C. A. Stace	NO	Nick Owens
DB	David Broughton	OM	Owen Mountford
DH	David Hughes	PB	Peter Brownjohn
DHW	D H Wrench	PC	Perdita Cawthorne
DR	Dan Richardson	PE	Paul Evans
DW	D. Wood	PH	Paul Hayter
FS	Fulbridge School	PK	Pete Kirby

GB	Gavin Boyd	PP	P. Precy
GC	George Crawford	PPA	P. Parker
GF	Graham French	PR	Phil Ricketts
GG	Gill Gent	PS	Peter Stroh
GM	Graham Martin	PW	Peter Warden
HB	Heather Ball	RC	Roger Cope
HG	H. Graves	RCL	Ryan Clarke
IS	I. Stowe	RCA	Richard Capon
JB	Jeff Best	RCO	Richard Comont
JBO	J. Bowley	RD	Roy Dexter
JC	John Comont	RM	Roy Maycock
JG	Jonathan Graham	RMO	Roger Morris
JH	John Handley	RO	R. Orbell
JL	Judith Line	ROS	Rose
JM	John Minney	RP	Rose Pride
JS	Jonathan Shanklin	RW	Rob Wilson
JSO	J. Southey	RWO	Rob Woodall
JSQ	Jane Squirrell	SB	Steve Brayshaw
JW	Jeff Waddell	SBA	Simon Barker
JWA	John Wakely	SD	Stephen Dempster
KL	Kevin Lunham	SH	Stephen Howarth
KNHS	Kettering Natural History Society	SK	Sean Karley
KP	K. Potterton	SL	Sarah Lambert
KY	Keith Yates	ST	Stella Taylor
LF	Lynn Farrell	TB	Tony Balbi
MA	Martyn Adkins	TOM	tomdadam
MB	Martin Baker	TR	Tim Rich
MD	Martin Dove	TRI	Tony Richardson
MG	Mark Gurney	TV	Tony Vials
MGO	Mick Goodman	TW	Terry Wells
		WTBCN	Wildlife Trust BCN

References

1. The Flora of Northamptonshire and the Soke of Peterborough, Gill Gent and Rob Wilson, 2012
2. New Flora of the British Isles, 4th edition, Clive Stace, 2019
3. Flora of Great Britain and Ireland, Vol. 5, Peter Sell and Gina Murrell, 1996
4. The Rare Plant Register of Northamptonshire and the Soke of Peterborough, Rob Wilson 2014 (available as PDF on the BSBI website).

Species accounts

Adiantum capillus-veneris L., Maidenhair Fern

GB red list: Least concern

England red list: Least concern

VC32: Rare (3 sites)

Native, but naturalised in VC32.

Year	Grid Reference	Location	Recorder
2014	SP9711796220	Minor road N of Blatherwyke, stone wall.	BL
2011	SP5737563699	Daventry, brick bridge	BL
2011	SP97Z	Islip, stone wall	PS

This fern normally grows on places such as coastal cliffs, but in this county it naturalises in places like walls and bridges. It was formerly distributed throughout the county¹, but has only been seen at the above sites in recent years.

Not included in ⁴.

Adonis annua L., Pheasant's- Eye

GB red list: Endangered

England red list: Endangered

VC32: Rare (1 site, 2 monads)

Archaeophyte.

Year	Grid Reference	Location	Recorder
2006	TF085024	Southorpe	PPA
2006	TF091022	Southorpe	PS

This rare casual has not been seen since 2006, when it was spotted at two nearby locations near Southorpe. It has been recorded a couple of times at probably the same location since 1956¹, and may reappear here. It may well turn up again elsewhere, as it is widely available as seed.

Rare in 2014⁴.

***Agrimonia procera* Wallr, Fragrant Agrimony**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (10 monads across 7 sites)
Native.



Year	Grid reference	Grid reference	Grid reference	Location	Recorder
2019	SP6641			Hazelborough Wood	MW
2017	SP6553542786			Hazelborough Wood	BL
2018	SP9581497899	SP9670698130	SP9626297861	Wakerley Wood	BL
2008	SP521404			Farthinghoe Nature Reserve	GG
2008	SP589548			High Wood and Meadow	TB
2005	SP938960			Road verge near Spanhoe Wood	GG
2002	SP544412			Cockleyhill Farm	CC
2002	SP545359			Charlton	CC

In the north of the county, *Agrimonia procera* has its stronghold at Wakerley Wood, where it can be found in several spots. It was also found nearby in 2005 on the road verge between Spanhoe Wood and Wakerley Wood. The other site with recent records is Hazelborough Wood, near Silverstone. Two records are from or near a disused railway line, at Farthinghoe Nature Reserve and not far away near Cockleyhill Farm. A little further south, near Charlton, it was found on a road verge. High Wood and Meadow is a Wildlife Trust BCN reserve, to the south of Daventry. There were only 5 sites in the county in the previous date class, so the species may be increasing. it would be well worth looking closely at any particularly tall plants of Agrimony on road verges or at the edges of woodland rides. The species may have disappeared from Salcey Forest, where it was last seen in 1987.

***Agrostis vinealis* Schreb., Brown Bent**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2012	SP561577	Fawsley Park west	TB
2010	SP624564	Ramsden Corner Nature Reserve	GG

Found on dry acid soils, a rare habitat in VC32, the situation is complicated by difficulty in identification and confusion with *A. canina*. These two records are both from very experienced botanists.

***Aira praecox* L., Early Hair-grass**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (5 sites)
Native.

Year	Grid Reference	Location	Recorder
2012	SP5258	Catesby	GG
2011	SP771757	Shortwood House	RW
2008	SP624564	Ramsden Corner Nature Reserve	GG
2006	SP592546	High Wood and Meadow	TB
2005	SP714640	Harlestone Firs	MJ

Another grass of dry acid soils³, so is scarce in this county and this seems to have always been the case¹. It has not been recorded for a few years, so needs re-finding.

***Anacamptis morio* (L.) R.M.Bateman, Pridgeon & M.W.Chase, Green-winged Orchid**

GB red list: Not Threatened
England red list: Vulnerable
VC32: Not rare or scarce (11 sites)
Native.

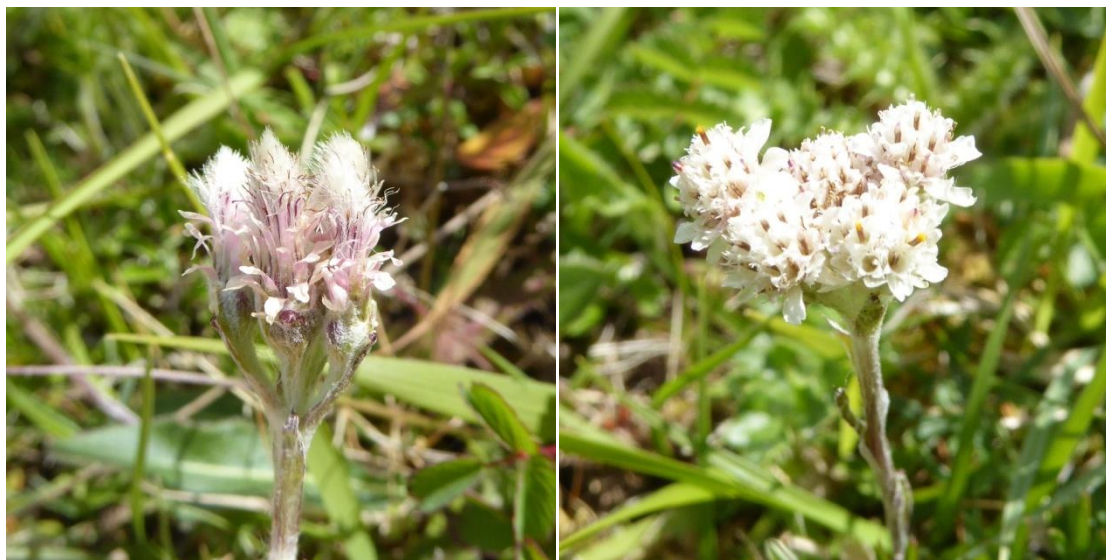


Year	Grid Reference	Location	Recorder
2019	SP9683084190	Sudborough Green Lodge Meadow	PS
2018	TF0803	Southorpe Meadow	SL
2017	SP7734857595	Brackmills Woods	BL
2015	SP574604	Newnham Hill	BL
2012	SP5689746479	Manor Farm, Sulgrave	MD
2010	SP928600	Dungee Corner	GG
2010	SP8270	Hardwick Wood and Meadow	GG
2010	SP833652	Sywell Country Park	GG
2009	SP9684	Fermyn Woods area	PS
2008	SP597553	Mantles Heath	GG
2008	SP95E	Bozeat	JL

This orchid, while strictly not scarce, is actually present in low numbers at each site. The best site¹ is apparently Dungee Corner Meadow, but we have no records from here since 2010. The sites are well-spread across the county and include base-rich, neutral and acidic sites, although the species is supposed to prefer calcareous grassland. The plant at Newnham Hill has been relocated, the success of this is not known. At the most northerly site, Southorpe Meadow, it is only just hanging on. Not included in ⁴.

***Antennaria dioica* (L.) Gaertn., Mountain Everlasting**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare
Native.



Year	Grid Reference	Location	Recorder
2019	TF0746704661	Barnack Hills and Holes	PS

Recorded at Barnack since 1871¹, a few plants can be seen at a single location on the reserve. The photos show the male and female forms.

***Anthemis arvensis* L., Corn Chamomile**

GB red list: Endangered
England red list: Endangered
VC32: Rare (2 sites)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2011	TL069977	Yarwell allotments	NC
2009	TF05870476	Ermine Street bridleway, Stamford to Barnack	DB

Rare and endangered, this has been seen in only 2 locations and these are both in calcareous areas in the north of the county. It is sometimes supposedly included in wild flower seed mixes, but often turns out to be the alien *Cota austriaca*, Austrian Chamomile.

***Anthemis cotula* L., Stinking Chamomile**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Not rare or scarce (around 50 monads)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2018	SP9943082232	Aldwincle, Cross Lane	PS
2018	SP9398686417	Old Dry Hills, arable margin	PS
2016	SP753579	Northampton, Wootton Hall Park	BL
2015	SP687495	A5/A43 roundabout junction modifications	BL
2015	SP578704	A5 verge disturbance	BL
2014	SP871863	Corby	BL
2013	SP860852	Corby, waste ground	BL
2011	SP772709	Pitsford Water, footpath over arable land	BL
2011	SP783669	Moulton, field	RW
2011	SP8476	Kettering, A43	RW

Another arable weed, this appears fairly frequently in the county away from the more acid areas in the west, particularly where the ground has been disturbed. Only the most recent records are shown.

***Aphanes australis* Rydb., Slender Parsley-piert**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (5 sites, 8 monads)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0381900479	Bedford Purlieus	RC
2018	SP71906390	Harlestone Firs	MD
2017	SP802638	Lings Nature Reserve	RC
2008	SP946912	A43 near Deene	BL
2008	SP750645	Kingsthorpe Cemetery	BL

Although this generally prefers acid soil, it may well be under-recorded in the county and we probably need to look more closely when we come across this tiny plant.

***Aquilegia vulgaris* L., Columbine**

GB red list: Least concern
England red list: Least concern
VC32: Scarce or frequent
Native or naturalised.



Year	Grid Reference	Location	Recorder
2018	TF0415400299	Bedford Purlieus	TV
2015	TF0233400506	Easton Hornstocks	BL
2015	TF0063701519	Collyweston Great Wood	BL

There are numerous records for *Aquilegia vulgaris* but those shown above are the only ones likely to be native. Most villages seem to feature naturalised plants or clear garden escapes. The sites shown are geographically close and mainly calcareous, but there are naturalised plants present in all of them, so there is no certainty about their origin. Records from Wakerley and Fineshade woods may also refer to the native type, but this is not indicated on the record so they have been excluded.

***Arabis hirsuta* (L.) Scop., Hairy Rock-cress**

GB red list: Least concern
England red list: Near Threatened
VC32: Scarce (9 sites)
Native.



Year	Grid Reference	Location	Recorder
2019	TF0749004592	Barnack Hills and Holes	PS
2014	TF0003	Collyweston Quarries	AF
2014	SP8482	Rushton	RW
2011	SP97C	Burton Wold	RW
2010	TF1602	Werrington	JSQ
2009	TL0598	Old Sulehay	NC
2009	TL09N	Ring Haw	NC
2009	SP78C	East Farndon	RW
2008	SP0872	Walgrave	RW

The best sites for this little plant are Barnack Hills and Holes and Collyweston Quarries, where it is often abundant and easy to find. It's not clear whether the Old Sulehay and Ring Haw sites are the

same or not (problems with the grid references), but Ring Haw received donor hay from Collyweston on Sammocks Hill. It prefers limestone habitats.

***Arctium nemorosum* Lej., Wood Burdock**

GB red list: Not included
 England red list: Not included
 VC32: Scarce (6 sites)
 Native.

Year	Grid Reference	Location	Recorder
2013	SP801862	Stoke Wood	RW
2010	SP55T	Fawsley Park	RW
2004	SP55J	No location given	MA
2003-2004	SP88J	Wilbarston, roadside near.	GG
2003-2004	SP85A	Salsey Lawn	GG
2002	SP515337	Bridleway near Aynho	CC

This species has formerly been a subspecies of both *Arctium minus* and *Arctium lappa* and can be difficult to identify, and may well be more (or less) widespread than the chart indicates. We need more data and close examination of possible candidates.

***Arenaria leptoclados* (Rchb.) Guss., Slender Sandwort**

GB red list: Least concern
 England red list: Least concern
 VC32: Scarce (7 sites)
 Native.

Year	Grid Reference	Location	Recorder
2014	TF0787700059	Sacrewell Farm	OM
2012	SP9999	Fineshade Wood	JS
2012	SP53H	Charlton	PH
2010	SP85J	Denton/Brafield	GG
2009	SP9680	Lowick	PS
2008	SP85M	Yardley Chase, Sane Copse	GG
2007	TL021831	Achurch	RD

This little plant is very similar to the common *Arenaria serpyllifolia*, so may be under-recorded.

***Artemisia absinthium* L., Wormwood**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (9 sites)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2018	SP6293559538	Weedon	BL
2015	SP898890	Corby	BL
2015	SP96U	Higham Ferrers	RD
2015	SP87T	Kettering	RW
2014	SP9277	Cranford St Andrew	RW
2013	SP735645	Brampton Valley Way, Northampton	BL
2011	SP536604	Staverton, near	BL
2011	SP64Z	Towcester	JM
2011	SP67P	Welford, near	RW

Always scarce in the county and not extending to the limestone area in the north. It is sometimes grown as a garden plant and some records may be escapes.

***Asperula cynanchica* L., Squinancywort**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (8 sites)
Native.



Year	Grid Reference	Location	Recorder
2017	SP9410897903	Spanhoe Airfield	BL
2017	TF0704	Barnack Hills and Holes	JW
2015	SP7678	Harrington	RW
2010	SP7866	Moulton area	GG
2010	TF10R	Werrington	JSQ
2010	TL043969	Little Morton Sale quarry	TB
2009	SP954850	Fermyn Woods Country Park	TB
2008	SP99P	Wakerley Wood area	GG

Limited to limestone areas. The site at Spanhoe Airfield is now inaccessible due to quarrying. It is regularly seen at Barnack Hills and Holes.

***Astragalus danicus* Retz., Purple Milk-vetch**

GB red list: Endangered
England red list: Endangered
VC32: Scarce (6 sites)
Native.



Year	Grid Reference	Location	Recorder
2018	TF0704	Barnack Hills and Holes	SD
2017	TF0748003138	Southorpe Roughs	AF
2013	TF084021	Southorpe Paddock	SL
2012	TF00390386	Collyweston Quarries	AF
2008	TF090001	Sutton Heath and Bog	PS
2008	SP942979	Spanhoe Airfield	RW

The best sites for this are Barnack Hills and Holes, a National Nature Reserve, and Collyweston Quarries, a Wildlife Trust BCN reserve, but it is not abundant at any of its current sites and is in danger of extinction in the county.

***Avenella flexuosa* (L.) Drejer, Wavy Hair-grass**
Formerly *Deschampsia flexuosa*

GB red list: Least concern
 England red list: Least concern
 VC32: Scarce (6 sites)
 Native.

Year	Grid Reference	Location	Recorder
2018	SP71876399	Harlestone Firs	MD
2012	TF1002	Southey Wood	CPERC
2008	SP64M	Bucknell Wood and Pastures	GG
2008	SP588624	Borough Hill, Daventry	GG
2008	SP5955	Mantles Heath	GG
2002	SP921945	Dryleas Wood	WTBCN

As a grass of acid soils, this species is scarce in the county because of the lack of suitable habitats. The 2002 record at Dryleas Wood is an anomaly, as there is no indication from the species list that this wood has any acid habitat, so needs checking.

Update: Found at High Wood and Meadows in 2020 and Badby Wood in 2021.

***Baldellia ranunculoides* (L.) Parl., Lesser Water-plantain**
 All our plants are likely to be *ssp. ranunculoides*.

GB red list: Near threatened
 England red list: Vulnerable
 VC32: Scarce (5 monads across 4 sites)
 Native.

Year	Grid Reference	Location	Recorder
2019	SP95648504	Fermyn Woods Country Park	BL
2017	TF119016	Castor Hanglands	PS
2014	TF211026	Dogsthorpe Star Pit	SL
2013	TF093057	Bainton ponds	PS

Only 4 sites in recent years. Found in or at the edge of ponds, it has been seen in 2 different locations at Castor Hanglands, and has been present at Dogsthorpe Star Pit for many years. Bainton ponds is a village conservation area and it has been known here for at least 30 years. Fermyn Woods is a new site in a country park.

***Bistorta officinalis* Delarbre, Common Bistort**

Formerly *Persicaria bistorta*

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native.



Year	Grid Reference	Location	Recorder
2011	TF20I	Borough Fen	AF
2011	SP962944	Bulwick Meadow	NE
2009	SP778704	Pitsford Reservoir nature reserve	RW
2009	SP678710	Ravensthorpe Reservoir	RW
2008	SP8658	Castle Ashby	GG
2008	SP7449	Stoke Bruerne	GG
2002	TL008953	Tomlin Wood	WTBCN
2002	SP930905	Corby Old Quarries	WTBCN
2001	SP793426	Cosgrove, Grand Union Canal	DHW

Not seen for some time. Some records may be of garden escapes.

***Blechnum spicant* (L.) Roth, Hard-fern**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	TL0429299779	Bedford Purlieus	TV
2015	TF006012	Collyweston Great Wood	BL
2014	SP910873	Cowthick Plantation, Corby	BL
2010	SP76C	Harlestone Firs	RW

This fern has always been scarce in the county but its best site is Bedford Purlieus, a National Nature Reserve. It has also been found in Collyweston Great Wood, which is nearby. A few clumps were found in a railway cutting in Corby, and also at Harlestone Firs. It prefers acid conditions, rare in the county.

***Blitum bonus-henricus* (L.) Rchb., Good-King-Henry**
Formerly *Chenopodium bonus-henricus*

GB red list: Vulnerable
England red list: Vulnerable
VC32: Not rare or scarce.
Archaeophyte.



Year	Grid Reference	Location	Recorder
2019	SP46004171	Banbury	NB
2017	SP9384367987	Rushden Lakes	RCO
2011	SP595678	Near Watford Gap services	BL
2011	SP9876	Denford	GG
2010	SP9497	Spanhoe Airfield	PC
2010	SP97B	Finedon	GG
2010	SP827633	Ecton	RD
2010	SP85C	Horton	GG
2010	SP74U	Ashton, near	GG
2010	SP6644	Silverstone, near	PC

A selection of locations is given in the chart. Often but not always found close to houses. The species is not common in the county.

***Blysmus compressus* (L.) Panz. Ex Link, Flat-sedge**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare (2 sites)
Native.



Year	Grid Reference	Location	Recorder
2017	TL0703299424	Wansford Pasture	CPERC
2017	SP961944	Bulwick Meadow	PS

This rare sedge is only found in wet meadows, and is still present at the two SSSI sites in the chart.

***Bolboschoenus maritimus* (L.) Palla, Sea Club-rush**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2018	TF0458200284	Bedford Purlieus	TV
2011	TL05039999	Thornhaugh Quarry	JSO
2011	TF21150261	Dogsthorpe Star Pit	SL
2003	SP9733173074	Stanwick Gravel Pits	GG

This species is common at coastal locations, but in VC32 is only found in old flooded quarries, where it was probably introduced.

***Brachypodium rupestre* (Host) Roem. & Schult., Tor-grass**

GB red list: Waiting List
England red list: Waiting list
VC32: Scarce (9 sites)
Native.

Year	Grid Reference	Location	Recorder
2018	TF0603	Barnack Road Verges	CPERC
2018	TF0703	Walcot Hall Park CWS	CPERC
2017	TF0704	Barnack Hills and Holes	AF
2017	TF130002	Oldfield Pond Drains	SL
2016	TF0502	Wittering Valley CWS	CPERC
2016	TF0401	Wittering Road Verge CWS	CPERC
2015	TF1103	Swaddywell Pit	SL
2014	TF119020	Castor Hanglands	SL
2013	TF084021	Southorpe Paddock	SL

There is much confusion about this species, which was previously part of the *B. pinnatum* complex, and is difficult to identify. There are, however, plenty of records for *B. pinnatum* s.l. It is therefore difficult to draw conclusions from this chart; *B. rupestre* is most likely not scarce at all.

***Briza minor* L., Lesser Quaking Grass**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2004	SP800800	Rothwell (near)	RW

This annual grass has appeared only once, presumably as a casual. The record was confirmed externally.

***Bromus secalinus* L., Rye Brome**

GB red list: Vulnerable
England red list: Near threatened
VC32: Not scarce
Archaeophyte.

Year	Grid Reference	Location	Recorder
2019	TL0054082165	Aldwinckle	PS
2018	SP906791	Kettering, footpath near	PS
2017	SP5767967025	Welton, footpath near	BL
2017	SP5004354207	Upper Boddington area	BL
2017	TL007820	Short Wood	PS
2010	SP55E	Hellidon	MA
2007	TF116045	Rice Wood, near	DB
2007	TF086002	Sacrewell Farm	DB
2005	SP760503	Ashton	BL
2005	SP763656	Northampton, St John's Spring	BL

Although not scarce by our definition, this grass is certainly not common in the county. The chart shows a selection of sites.

***Callitriche brutia* subsp. *hamulata* (Kütz. Ex W.D.J.Koch) O.Bolòs & Vigo, Intermediate Water-starwort**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2008	SP45W	Boddington Meadow	GG

This *Callitriche* is thought to be common throughout Britain, but is probably under-recorded due to difficulties in identification.

***Calluna vulgaris* (L.) Hull, Heather**

GB red list: Least concern
England red list: Near Threatened
VC32: Scarce (6 sites)
Native.



Year	Grid Reference	Location	Recorder
2019	SP7218464572	Harlestone Firs	BL
2019	TL0440999905	Bedford Purlieus	TV
2017	SP7283264146	Northamptonshire County Golf Club	AF
2017	SP5334656950	Charwelton disused railway	BL
2008	SP957976	Wakerley Wood	GG
2008	SP76B	Northampton, New Duston area	MD

Like all plants that need acidic conditions, this is scarce in the county. In the north it is still to be found at Bedford Purlieus, but hasn't been seen at Wakerley since 2008 (the grid reference is probably a centroid). There are a few plants at the Golf Club, and it survives at Harlestone Firs. It is also still present at Charwelton disused railway line.

***Calystegia sepium* subsp. *roseata* Brummit, Hedge Bindweed**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2014	TL1797	Thorpe Meadows	CPERC

Only one record exists for this subspecies of the common *Calystegia sepium*. As the species also occurs in a pink-and-white striped version, it would be good to refind the subspecies but we only have a monad grid reference.

***Camelina sativa* (L.) Crantz, Gold-of-pleasure**

GB red list: Least concern
 England red list: Least concern
 VC32: Rare (1 site)
 Archaeophyte

Year	Grid Reference	Location	Recorder
2005	TF1500	Bretton	TR

A single casual record from farmland near Bretton in Peterborough, maybe from game bird sowings.

***Campanula patula* L., Spreading Bellflower**

GB red list: Endangered
 England red list: Critical
 VC32: Rare (1 site)
 Native

Year	Grid Reference	Location	Recorder
2015	SP67S	Thornby	RW

This may not be native in VC32. We do not have precise details about the location, but it is most likely that this is a garden escape in the village of Thornby. Needs checking.

***Cardamine amara* L., Large Bitter-cress**

GB red list: Least concern
 England red list: Least concern
 VC32: Not scarce
 Native.

Year	Grid Reference	Location	Recorder
2015	SP724563	Grand Union Canal near Rothersthorpe	MD
2015	SP65J	Weedon	MD
2014	SP597565	Meg Spinney, near Everdon	BL
2014	SP75J	Duston Mill	MD
2014	TF1703	Werrington Meadow	RP
2014	TL149983	Peterborough, Bluebell Wood	SL
2010	SP986852	Lyveden New Bield	PS
2008	SP6476	Cold Ashby, near	BL
2008	SP672542	Bugbrooke Meadow	GG
2008	SP54W	Helmdon Station	GG
2008	SP77U	Harrington area	RW

Included because it is very nearly scarce in the county. Records are well-spread throughout.

***Carduus tenuiflorus* Curtis, Slender Thistle**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0400	Bedford Purlieus	TV

Previously thought to be extinct in the county¹, this species occurs as a rare casual away from its native coastal sites.

***Carex binervis* Sm., Green-ribbed Sedge**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2006	TF08860017	Sutton Heath and Bog	PS

A single record, externally verified. There were many plants at this time, apparently growing in a base-rich flush. The species normally prefers acid conditions so may not have survived, but still worth searching for.

***Carex demissa* Hornem., Common Yellow-sedge**

GB red list: Least concern
England red list: Least concern
VC32: Rare (2 sites)
Native.



Year	Grid Reference	Location	Recorder
2017	TF13060025	Oldfield Pond Drains	SL
2017	TL0420499996	Bedford Purlieus	TV

This sedge was thought to be extinct¹, but can still be found at its old site of Bedford Purlieus, and has also been found at nearby ponds.

Update: Found in 2022 at Easton Hornstocks, many plants but somewhat atypical (photo above). Confirmed by external referee.

***Carex distans* L., Distant Sedge**

GB red list: Least concern
 England red list: Least concern
 VC32: Scarce (9 sites)
 Native.

Year	Grid Reference	Location	Recorder
2016	TF11860168	Castor Hanglands	AF
2016	TF0800	Sutton Heath and Bog	BJ
2015	TF1103	Swaddywell Pit	SL
2011	TF00L	Wittering	NC
2011	TL069994	Wansford Pasture	SL
2010	SP586348	Evenley	GG
2008	SP8076	Mawsley Marsh and Birch Spinney	GG
2001	SP5953	Maidford, Tunningham Farm	CC
2001	SP836556	Yardley Chase MoD	GG

This species is mainly found in marshes and wet meadows. Most of the recent sites are in the north of the county.

***Carex divulsa* subsp. *leersii* (F.W.Schultz) W.Koch, Many-leaved Sedge**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (8 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	TL0384298879	Bedford Purlieus	TV
2017	TF12500108	Green lane to White's Spinney	SL
2016	TF1101	Castor Hanglands	AF
2016	TF079034	Southorpe, road verge	AF
2012	TL1299	Marholm Road verge	SL
2009	TL0598	Old Sulehay	NC
2004	TF121046	Rice Wood	NH
2004	TF0301	RAF Wittering	PS

This subspecies of Grey Sedge does appear to be less frequent than subsp. *divulsa*, but many records do not differentiate between the subspecies. Some taxonomists may split it off as a full species, but further study is required².

***Carex elata* All., Tufted Sedge**

GB red list: Least concern
England red list: Near Threatened
VC32: Scarce (9 sites)
Native.

Year	Grid Reference	Location	Recorder
2018	SP9816785401	Lyveden New Bield	PS
2014	TL1797	Thorpe Meadows	CPERC
2014	TL123973	Castor flood meadow	SL
2011	TL046998	Thornhaugh Quarry	DB
2011	SP884759	Southfield Farm Marsh	NE
2010	SP618795	Welford, Grand Union Canal	JM
2009	TL104978	Ailsworth, River Nene	DB
2008	TL094981	Sutton Meadows South	CPERC
2006	TF0800	Sutton Heath and Bog	MG

Another sedge that prefers damp conditions. It is frequently planted in gardens in its golden form, Bowles' Golden Sedge, so may be encountered as an escape in some places.

***Carex ericetorum* Pollich, Rare Spring Sedge**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0733604574	Barnack Hills and Holes	PS

The only site for this is at the Barnack reserve, where it is usually plentiful.

***Carex hostiana* DC., Tawny Sedge**

GB red list: Least concern
England red list: Least concern
VC32: Rare (3 sites)
Native.



Photo: PS

Year	Grid Reference	Location	Recorder
2011	TL069994	Wansford Pasture	SL
2010	SP8270	Hardwick Wood and Meadow	GG
2008	TF089001	Sutton Heath and Bog	DH

Preferring marshy ground, this sedge is found at two sites in the north of the county and at Hardwick Meadow near Wellingborough. It appears to be declining in VC 32. It has been found again at Wansford Pasture in 2020 (PS).

***Carex lepidocarpa* Tausch, Long-stalked Yellow-sedge**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (6 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0800	Sutton Heath and Bog	JG
2016	TF0502	Wittering Valley CWS	CPERC
2008	TL08A	Titchmarsh Nature Reserve	GG
2008	SP54V	Radstone and Helmdon	GG
2010	TL0498	Bedford Purlieus	NC
2008	SP533360	Charlton	PH

Another scarce sedge of marshy ground.

***Carex muricata* subsp. *pairae* (F.W.Schultz) Čelak, Small-fruited Prickly Sedge**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites, 5 monads)
Native.

Year	Grid Reference	Location	Recorder
2010	SP568467	Sulgrave Disused Railway	HB
2010	SP549507	Eydon Disused Railway	HB
2008	SP801639	Lings Way meadow	NHU
2008	SP762634	Bradlaugh Fields	NHU

This species needs care with its identification and separation from *Carex spicata*. It is said to grow in open grassy places, usually on acid soils.

***Carex pulicaris* L., Flea Sedge**

GB red list: Least concern
England red list: Near Threatened
VC32: Rare (2 sites)
Native.

Year	Grid Reference	Location	Recorder
2016	TF0885500118	Sutton Heath and Bog	BL
2010	SP8270	Hardwick Wood and Meadow	GG

This little sedge appears to be extinct at most of its former sites and has only been seen at these sites in recent years.

***Carex rostrata* Stokes, Bottle Sedge**

GB red list: Least concern
England red list: Least concern
VC32: Rare (3 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0800	Sutton Heath and Bog	JG
2007	SP497532	Boddington Meadow	NHU
2002	TF038013	Bonemills Hollow	GG

Found only in marshy places, this sedge is also in decline in the county.

***Carex vesicaria* L., Bladder-sedge**

GB red list: Least concern
England red list: Vulnerable
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2016	TF1101	Castor Hanglands	AF
2009	SP655811	Sulby Reservoir	TB
2009	SP673781	Naseby Reservoir	TB
2004	SP55A	Aston-le-Walls, east of	RW

This has always been scarce in the county. It can still be found in the main pond at Castor Hanglands. The last site has a couple of small ponds in the tetrad, but is not mentioned in the Flora¹ and we have no further information about the location.

***Catabrosa aquatica* (L.) P.Beauv., Whorl-grass**

GB red list: Least concern
England red list: Vulnerable
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2011	SP577641	Daventry Country Park	BL
2008	SP55M	Church Charwelton	GG
2008	SP96E	Wellingborough	RW
2008	SP886772	Kettering, Castle Field	TB

Found in wet and muddy places, this grass is now scarce in the county.

***Centaurea cyanus* L., Cornflower**

GB red list: Least concern
England red list: Least concern
VC32: Not rare or scarce
Archaeophyte..



This species is very frequently escaped from gardens or included in “wild flower” seed mixes, as in the photograph above, and so it is almost impossible to determine its provenance. According to the Flora¹, it may be naturally occurring in fields at Charlton, recorded in 2011.

***Cephalanthera damasonium* (Mill.) Druce, White Helleborine**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare (3 sites)
Native.

Year	Grid Reference	Location	Recorder
2018	SP5951134963	Evenley Woodland Garden	BL
2010	SP9776	Woodford (near)	GG
2008	SP88J	East Carlton Country Park	RW

The only confirmed current site is at Evenley, where it was probably introduced¹. The plants at East Carlton have not been seen since 2008, despite much searching.

***Cerastium diffusum* Pers., Sea Mouse-ear**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2016	SP897906	Corby	BL
2010	SP87W	Isham	GG
2008	SP55J	Catesby	GG
2014	SP9668	Higham Ferrers	RD

Common in coastal areas but in VC32 it occasionally occurs in dry, dusty places – the plant in Corby was at a kerb edge.

***Cerastium pumilum* Curtis, Dwarf Mouse-ear**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.



Year	Grid Reference	Location	Recorder
2019	SP94306884	Rushden Lakes	AF

A new species for VC32, this was first seen at its only location near the footpath at Rushden Lakes in 2017. It persists as a small patch in an enclosure.

***Ceratocarpus claviculata* (L.) Lidén, Climbing Corydalis**

GB red list: Least concern
England red list: Least concern
VC32: Rare (3 sites)
Native.



Year	Grid Reference	Location	Recorder
2017	SP7237664977	Northamptonshire County Golf Club	AF
2017	SP803639	Lings Nature Reserve	RC
2014	SP723638	Harlestone Firs	MD

This species has only been known in the county since 1996; all sites are around Northampton. It is most abundant at Harlestone Firs, where it can be found at a number of locations. It has persisted at the other two sites, so it may be spreading somewhat.

***Chenopodium vulvaria* L., Stinking Goosefoot**

GB red list: Endangered
England red list: Endangered
VC32: Rare? (1 site)
Archaeophyte.

No records exist for this, but the Flora¹ says that it was found in 2004 in Peterborough. Found as a casual in waste places², apparently stinking of rotten fish.

***Chrysosplenium oppositifolium* L., Opposite-leaved Golden Saxifrage**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (10 monads across 10 sites)
Native.



Year	Grid Reference	Location	Recorder
2019	SP590548	High Wood	PW
2018	SP9789899554	Fineshade Brook, near Duddington	JG
2018	SP5993455253	Mantles Heath	JWA
2016	SP570549	Church Wood	BL
2016	SP6224056558	Ramsden Corner	BL
2014	SP5947056432	Meg Spinney	BL
2013	SP68294342	Foxhole Copse	BL
2010	SP9898	Fineshade Wood	GG
2009	SP6976541772	Shrine's Wood	BL
2008	SP957976	Wakerley Wood	GG

Infrequently found in wet woodland, especially by streams. Records are mainly from a group of woods near Preston Capes. It has been known from High Wood and Mantles Heath since 1987 – these are adjacent sites. Church Wood is nearby, with records since 1979. Ramsden Corner is to the east, with Meg Spinney nearby.

At Foxhole Copse, west of Silverstone, it was recorded in 1995, then refound in 2013. Shrine's Wood is part of Whittlewood Forest and is on the border with VC24, Buckinghamshire, well to the east of Silverstone. This was a new location in 2009.

There are also records from Wakerley and Fineshade Woods but the grid references are not helpful. A recent find by Fineshade Brook, outside the wood, looks like a new location.

***Cladium mariscus*(L.) Pohl, Great Fen-sedge**

GB red list: Least concern
England red list: Least concern
VC32: Rare (2 sites)
Native.



Year	Grid Reference	Location	Recorder
2015	TF1103	Swaddywell Pit	SL
2005	TF184013	Fulbridge School, Peterborough	FS

This unusual plant with saw-edges to the leaves has been known from Swaddywell Pit since 2004, where it grows in and around the large pond. The site is looked after by the Langdyke Trust and it is carefully managed here. The other record is apparently from the grounds of a primary school, and its provenance is not known.

***Clinopodium acinos* (L.) Kuntze, Basil Thyme**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Not rare or scarce
Native.



Year	Grid Reference	Location	Recorder
2019	TL0598	Stonepit Close quarry	AF
2019	TL06079819	Yarwell Quarry	AF
2016	SP907874	Stanion, dismantled railway	BL
2014	SP898881	Corby, dismantled railway	BL
2014	TL09P	Bedford Purlieus	PS
2011	TL0998	Sutton	NC
2011	SP9477	Twywell Gullet	NE
2010	SP839666	Mears Ashby	GG
2009	SP9565297845	Wakerley Wood	BL
2008	TF0003	Collyweston Quarries	GG

A selection of sites for this small herb, found mainly in the north of the county on limestone. It is well-established in several of the old quarries.

***Clinopodium nepeta* (L.) Kuntze, Lesser Calamint**
Formerly *Clinopodium calamintha*

GB red list: Vulnerable
England red list: Least Concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2019	SP9427768410	Rushden Lakes	TV

This was thought to be extinct in VC32, but was found at Rushden Lakes in 2019.

***Coeloglossum viride* (L.) Hartm., Frog Orchid**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare (1 site)
Native.



Year	Grid Reference	Location	Recorder
2019	TF076047	Barnack Hills and Holes	TV

One tiny patch of Frog Orchid hangs on at Barnack Hills and Holes NNR, where it has been known since 1876¹.

***Colchicum autumnale* L., Meadow Saffron**

GB red list: Near Threatened
England red list: Least Concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2009	SP736795	Kelmarsh Hall	RW

This record is almost certainly of a naturalised plant in the garden of Kelmarsh Hall.

***Convallaria majalis* L., Lily-of-the-valley**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native



Year	Grid Reference	Location	Recorder
2019	TL0426299759	Bedford Purlieus	TV
2016	TF0132000624	Easton Hornstocks	AF
2014	SP88E	Stoke Albany and Wilbarston	RW
2003	TF106029	Southey Wood	CPERC

The populations at Bedford Purlieus and Easton Hornstocks are well-established at these National Nature Reserves. The record from Stoke Albany or Wilbarston seems unlikely to be native, we have no further information but probably planted or escaped from a garden. *Convallaria majalis* hasn't been seen at Southey Wood since 2003, but may possibly still be present.

***Cuscuta epithymum* (L.) L., Dodder**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Scarce (6 sites)
Native.



Year	Grid Reference	Location	Recorder
2019	TF0003	Collyweston Quarries	RC
2017	TF0737903110	Southorpe Roughs	AF
2017	TF0748204733	Barnack Hills and Holes	JW
2011	TF018042	Racecourse Farm Fields	NE
2008	TF114020	Castor Hanglands	DH
2003	SK998028	Collyweston Pocket park	PE

This parasitic plant is only found in the north of the county. It is most abundant at Collyweston Quarries, where it appears to grow on *Genista tinctoria* and *Helianthemum nummularium*. It has also been reported from Collyweston Pocket Park and Racecourse Farm Fields SSSI, in the same area. At Southorpe Roughs SSSI it has been known since 1955, and at Castor Hanglands since 1963. It is also present at Barnack Hills and Holes, known since 1977.

***Cuscuta europaea* L., Greater Dodder**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (5 sites)
Native

Year	Grid Reference	Location	Recorder
2018	TF0703	Walcot Hall Park CWS	CPERC
2011	TL0090	Glaphorn Cow Pastures Nature Reserve	NE
2010	SP74U	Ashton	GG
2010	TL000960	Kings Cliffe	RW
2004	TL017965	Kings Cliffe to Apethorpe footpath	BL

All the sites are in the north of the county, except for the record from Ashton, which might correspond to a record from 1979 at Bozenham Mill. It is thought to grow on *Urtica dioica* in VC32¹. The distribution maps show that our plants are at the extreme north of their range in Britain.

***Cyperus longus* L., Galingale**

GB red list: Near Threatened
England red list: Near Threatened
VC32: Not rare or scarce.
Native

Year	Grid Reference	Location	Recorder
2019	SP9563885045	Fermyn Woods Country Park	BL
2014	SP765634	Bradlaugh Fields	BL
2013	SP773675	Moulton College estate	BL
2011	SP544689	Barby	BL
2011	SP590725	Crick	BL
2011	SP55J	Catesby	GG
2011	TL08E	Biggin Hall	RW
2009	SP76R	Spinney Hill	MD
2004	SP85A	Salcey Forest	GG
2003	SP875637	Earls Barton Gravel Pits	GG

Also recorded at a few other sites. Usually found by water, but also found on verges. The species is sold by garden centres as a pond marginal, and these records are probably garden escapes or old plantings. VC32 is not part of the species' native range.

***Cystopteris fragilis* (L.) Bernh., Brittle Bladder Fern**

GB red list: Least concern

England red list: Least concern

VC32: Rare

Native.

Year	Grid Reference	Location	Recorder
2005	SP632625	Brockhall Hall	BL

We have only one record for this fern from 2005. It was established in a wall for at least 5 years, probably a casual from the Hall garden. The Hall is now divided into flats.

***Dactylorhiza incarnata* (L.) Soó, Early marsh Orchid**

GB red list: Least concern

England red list: Least concern

VC32: Scarce (7 sites)

Native.

Year	Grid Reference	Location	Recorder
2019	TF0803	Southorpe Meadow	SL
2016	TF1101	Castor Hanglands	AF
2016	TL123976	Castor flood meadow	BJ
2015	TF116031	Swaddywell Pit	IS
2011	TL069994	Wansford Pasture	SL
2008	TL031848	Lilford Meadow	GG
2008	TF151092	Deeping Gate Meadows	GG

All our records are from the northern end of VC32 in marshy areas. Some, but not all, are assigned to subspecies *incarnata*.

***Dactylorhiza maculata* (L.) Soó, Heath Spotted-orchid**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native.



Year	Grid Reference	Location	Recorder
2018	SP8370	Hardwick Lodge Meadow	MD
2013	SP980880	Lower Benefield Church	JL
2008	SP85H	Yardley Chase MoD	GG
2006	TF040013	Bonemills Hollow	TW

Our plants are subspecies *ericetorum*. This orchid prefers wet and acid conditions, which are in short supply in VC32. At Hardwick Lodge meadow the species has been established for many years. The other records may be single plants among populations of *D. fuchsii*. The plant at Yardley Chase was externally determined¹.

***Danthonia decumbens* (L.) DC., Heath-grass**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (5 sites)
Native.

Year	Grid Reference	Location	Recorder
2011	SP834703	Hardwick Lodge Meadow	NE
2010	SP5256	Charwelton Railway north	GG
2008	SP8658	Castle Ashby	GG
2008	SP85M	Yardley Chase MoD, Sane Copse	GG
2000	SP566473	Sulgrave Disused Railway	NM

In VC32 this grass is found in wet, acid sites, although elsewhere in Britain it can be found in calcareous grassland.

***Diplotaxis tenuifolia* (L.) DC., Perennial Wall-rocket**

GB red list: Least concern
England red list: Least concern
VC32: Rare (2 sites)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2017	SP77806175	Abington Park	MD
2011	SP97V	Stanwick	RD

One further record from 2013 has been omitted as it is at hectad resolution and not useful.

This is possibly one to look out for, as it is sold as a salad leaf (Wild Rocket²). It has been found in waste places and it is said to prefer dry conditions², although the Abington Park record was by a lake.

***Drabella muralis* (L.) Fourr., Wall Whitlowgrass.
Formerly *Draba muralis*.**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (7 monads)
Native.

Year	Grid Reference	Location	Recorder
2015	SP744849	Brampton Valley Way	BL

Found at several locations along the Brampton Valley Way from Market Harborough and first seen in VC32 in 2005, this species is probably naturalised in our area².

***Eleocharis acicularis* (L.) Roem. & Schult., Needle Spike-rush**

GB red list: Least concern
England red list: Near Threatened
VC32: Not rare or scarce.
Native.

Year	Grid Reference	Location	Recorder
2015	SP686735	Hollowell Reservoir	?
2014	SP87E	Loddington	RW
2011	SP67T	Naseby Reservoir	RW
2011	TF214027	Dogsthorpe Star Pit	SL
2010	SP926678	Wellingborough, Viaduct Lake	TB
2008	SP792603	Northampton, Rush Mills	BL
2008	SP674708	Ravensthorpe Reservoir	BL
2008	TL031848	Lilford Meadow	GG
2008	TL08A	Titchmarsh Nature Reserve	GG
2008	SP97Q	Stanwick Lakes	GG

Plenty of sites for this in VC32, including many of our lakes and reservoirs. A selection of the most recent records is shown in the chart.

***Eleocharis quinqueflora* (Hartmann) O.Schwarz, Few-flowered Spike-rush**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2004	TF0800	Sutton Heath and Bog	DW

Just the one site for the species. Unfortunately it hasn't been seen since 2004, so may be extinct in VC32.

***Eleocharis uniglumis* (Link) Schult., Slender Spike-rush**

GB red list: Least concern
England red list: Least concern
VC32: Rare (2 sites)
Native.

Year	Grid Reference	Location	Recorder
2018	TL0088882092	Aldwinckle	PS
2017	TF09000010	Sutton Heath and Bog	PS

This rare Spike-rush can still be found at Sutton Heath and Bog, with records going back to 1953. A new site was found near Aldwinckle in 2017. I also have a confirmed report of this species at Wansford in 2020.

***Eleogiton fluitans* (L.) Link, Floating Club-rush**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2012	TF070027	Southorpe Mill Bog CWS	CPERC

Thought to be extinct in the county¹ until this sighting in 2012, at a site not normally accessible. It prefers acid water conditions.

***Epilobium roseum* Schreb., Pale Willowherb**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (5 sites)
Native.

Year	Grid Reference	Location	Recorder
2018	TF0503	Whitewater Valley	CPERC
2010	SP949697	Irthlingborough Lakes	TB
2008	TL0090	Glaphorn Cow Pastures Nature Reserve	GG
2008	SP85A	Salcey Forest	GG
2005	TF1301	Marholm, Bridleway to west	DB

This Willowherb is only seen as a casual of shady places in this and the surrounding counties.

***Epipactis purpurata* Sm., Violet Helleborine**

GB red list: Least concern
England red list: Least concern
VC32: Nearly scarce (11 sites)
Native.



Year	Grid Reference	Location	Recorder
2018	SP9906098578	Fineshade Wood	JH
2018	TL0362799364	Bedford Purlieu	TV
2013	TL015913	Short Wood	RCA
2011	SP966986	Wakerley Spinney	NE
2011	SP725430	Whittlewood Forest	NE
2010	SP886560	Old Pastures Wood	GG
2009	SP963986	Wakerley Wood	BL
2008	TL09F	Southwick Wood	GG
2008	SP86Y	Wellingborough	GG
2008	SP85A	Salcey Forest	GG
2008	SP55X	High Wood	GG
2000	SP9585	Fermyn Woods Hall	KP

Found in shady places in woods, often in ancient woodland and mainly to the north and east of the county. Our plants are at the current northern limit of their range.

***Equisetum sylvaticum* L., Wood Horsetail**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2011	SP566582	Badby Woods	NE
2011	SP624564	Ramsden Corner	NE
2011	SP5854	High Wood	NE
2001	TL007815	Titchmarsh Nature Reserve	MWI

This is rare on the eastern side of the UK and is only found on these few nature reserves.

***Equisetum variegatum* Schleich. ex F.Weber and D.Mohr, Variegated Horsetail**

GB red list: Least concern
England red list: Least concern
VC32: Rare (1 site)
Native.



Year	Grid Reference	Location	Recorder
2019	TL0581698206	Yarwell Quarry	BL

This was found for the first time in a privately-owned quarry in 2019. It is well outside its normal western distribution and may have come in on the wheels of a 4x4, as the quarry was previously used as an off-road driving site.

***Erica cinerea* L., Bell Heather**

GB red list: Least concern
England red list: Near Threatened
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2008	SP7163	Harlestone Firs	GG

Only one site for Bell Heather, which requires acid conditions; it hasn't been seen at this site for several years.

***Erica tetralix* L., Cross-leaved Heath**

GB red list: Least concern
England red list: Near Threatened
VC32: Rare (1 site)
Native.

Year	Grid Reference	Location	Recorder
2011	SP721645	Harlestone Firs	SB

Formerly known from sites in the north of the county, this species hangs on at Harlestone Firs. It would be good to have up to date confirmation of this.

***Eriophorum angustifolium* Honck., Common Cottongrass**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare (2 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0899600073	Sutton Heath and Bog	JG/PS
2011	SP673586	Bugbrooke Meadow	NE

Rare in our county, probably due to the drainage of bogs.

***Erodium moschatum* (L.) L'Hér., Musk Stork's-bill**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (6 sites)
Archaeophyte.



Year	Grid Reference	Location	Recorder
2019	SP77826229	Abington	PB
2019	SP95376996	Irthlingborough Lakes	TV
2016	TF0528502399	Wittering	AF
2015	SP775585	Brackmills	BL
2015	SP760601	Beckett's Park, Northampton	BL

This is an ancient introduction that may be associated with the wool industry. In 1995 it was thought to be extinct in the county¹, but has since been found at the above locations, often on verges.

***Ervum gracile* DC., Slender Tare**

Formerly *Vicia parviflora* Cav.

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2019	TL135985	Marholm Road field	SL

Only a single record ever in VC32. This species is probably at the limit of its northern range at present.

***Euphorbia exigua* L., Dwarf Spurge**

GB red list: Near Threatened
England red list: Vulnerable
VC32: Not rare or scarce
Archaeophyte.



Year	Grid Reference	Location	Recorder
2019	TL00629780	Kings Cliffe	AF
2019	SP55F	West Farndon	MA
2019	TF022004	Easton Hornstocks	SD
2018	TF1903	Gunthorpe	AF
2018	SP9430277711	Twywell Hills and Dales	BL
2018	SP5922638302	Brackley	BL
2018	SP5969735519	Evenley	BL
2018	TL047783	Titchmarsh	PS
2018	SP916793	Cranford	PS
2017	TF1200	Ailsworth to Helpston road	SL

This small arable weed is spread throughout the county and records are neither increasing nor decreasing, although the plant is vulnerable in England. The chart above shows a selection of recent sites.

***Euphorbia platyphyllos* L., Broad-leaved Spurge**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Archaeophyte.



Year	Grid Reference	Location	Recorder
2018	TF19340322	Gunthorpe	AF
2011	TF124010	Castor Hanglands	DB
2011	SP9972	Raunds	GG
2003	SP85A	Salcey Lawn	GG

An occasional species usually found on rough ground.

***Euphrasia pseudokernerii* Pugsley, Chalk Eyebright**

GB red list: Endangered
England red list: Vulnerable
VC32: Rare (2 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0745604573	Barnack Hills and Holes	TV
2014	TL09P	Stonepit Close, Old Sulehay	PS

Only two sites for this large-flowered *Euphrasia* species, often growing with *E. nemorosa* at Barnack.

***Fritillaria meleagris* L., Fritillary**

GB red list: Waiting list
England red list: Waiting list
VC32: Scarce (7 monads across 7 sites)
Native.



Year	Grid Reference	Location	Recorder
2019	TL171977	Thorpe Meadows	SL
2018	SP8719169324	Wellingborough	ADB
2018	SP5140	Farthinghoe Nature Reserve	RC
2009	SP736795	Kelmarsh Hall	RW
2008	SP957976	Wakerley Wood	GG
2008	SP780708	Pitsford Reservoir Nature Reserve	GG
2005	SP7646	Grafton Regis meadow	GM

Questionably native² and often planted, preferring damp meadows. There is a good population at Thorpe Meadows in Peterborough, which is now established (first record 2005), but thought to originate from deliberate planting. It has been around for a similar time at Farthinghoe Nature Reserve, origin unknown. The record from Wellingborough, submitted through iRecord, is from a suburban street and most likely planted or a garden escape. The status of the record from Kelmarsh Hall is unknown but may be a planted population. A couple of plants appeared on a road verge near Wakerley Wood in 2008, but haven't been seen since. It was reported from Pitsford Water Nature Reserve in 2008 but the grid reference is not specific. The Grafton Regis Meadow plants persisted for a few years but were last seen in 2005.

***Fumaria densiflora* DC., Dense-flowered Fumitory**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (8 sites)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2017	SP6836548297	Towcester	BL
2016	SP556621	Daventry, roundabout	BL
2016	TL052997	Cook's Hole (footpath near)	PS
2015	SP788648	Round Spinney roundabout, Northampton	BL
2013	SP57556306	Daventry, Welton road allotments	BL
2011	SP786617	Weston Favell allotments	BL
2011	SP708626	New Duston	BL
2011	SP820817	Rothwell	RW

This is an annual of disturbed ground and arable fields, and has only been recorded in the county since 1988. It probably occurs as a casual only.

***Fumaria parviflora* Lam., Fine-leaved Fumitory**

GB red list: Vulnerable
England red list: Near Threatened
VC32: Rare(2 sites)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2015	TF17490337	Werrington	GF
2011	SP97Z	Islip allotments	PS

The first record for this in VC32 was in 2011, from allotments, and in 2015 it was found next to a fence in Werrington, Peterborough. Like our other scarce Fumitory, it is occurring as a casual. It is said to prefer chalk and limestone² and may yet be found on the limestone in the north of the county.

***Gagea lutea* (L.) Ker Gawl., Yellow Star-of-Bethlehem**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (8 monads across 6 sites)
Native.



Year	Grid Reference	Grid Reference	Location	Recorder
2019	SP95829766	SP9667698217	Wakerley Wood	PS
2019	TL0441998705		Bedford Purlieus	TV
2018	SP897854		Sart Wood	PS
2016	SP9721297359		Lynn Wood, Fineshade	BL
2015	SP980985		Fineshade	BL
2015	SP830728		Badsaddle Wood	MD
2003	SP972970		Blatherwyke	BL

A very early-flowering woodland species, relatively easy to spot when in flower, but it does blend into the bluebells before and after flowering. It is found mainly to the north of the county. It occurs in a couple of spots in Wakerley Wood and also in Fineshade Wood, where it grows near to the caravan park (still doing well in 2020), then was found in a new location, Lynn Wood near Fineshade Abbey, in 2011. There is a well-known site at the southern edge of Bedford Purlieus, conveniently close to the road, with records going back to 1954 (shown in the photo). There is also an established colony at Badsaddle Wood, south of Kettering. A small group of non-flowering plants was found in 2018 in Sart Wood near Corby, where it had not been seen since 1993. The final site is near Blatherwyke Lake and had not been seen since 1984, until it was refound in 2003.

***Galeopsis angustifolia* Ehrh) ex Hoffm., Red Hemp-nettle**

GB red list: Critical
England red list: Critical
VC32: Rare (1 site)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2005	SP822823	Rothwell	RW

This was thought to be extinct in the county, but was recorded in an arable field near Rothwell in 2005. Unfortunately it hasn't been seen since.

***Galeopsis bifida* Boenn., Bifid Hemp-nettle**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (7 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	SP9835098341	Fineshade Woods	BL
2018	SP7216363655	Harlestone Firs	BL
2015	SP6281	Welford, footpath near	OM
2013	SP681603	Harpole, footpath near	BL
2013	SP67726006	Upper Heyford, near	BL
2011	SP772709	Brixworth Fox Covert, footpath near	BL
2008	SP780708	Pitsford Reservoir Nature Reserve	GG

This may be under-recorded as it can be difficult to separate from *G. tetrahit*.

***Galeopsis speciosa* Mill., Large-flowered Hemp-nettle**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare (3 sites)
Archaeophyte.

Year	Grid Reference	Location	Recorder
2013	SP566582	Badby Woods	NFG
2012	TF169001	Peterborough	ST
2008	TF20C	Newborough	GG

A plant of arable and disturbed ground. It is rarely seen in VC32. The Peterborough record is from Bretton Gate.

***Galium parisiense* L., Wall Bedstraw**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Scarce (7 sites, 8 monads)
Native.



Year	Grid Reference	Location	Recorder
2019	SP8980391003	Corby	BL
2019	SP6873049320	Towcester	BL
2019	SP9888973292	Raunds	BL
2018	SP46964161	Banbury	AF
2018	SP9041366653	Wellingborough	BL
2017	SP8958075621	Burton Latimer	BL
2008	SP780708	Pitsford Reservoir Nature Reserve	GG

Many of the sites for this small annual are on industrial estates or waste ground. There is also a record from a garden (not planted) but this is not included here. The Flora¹ states that it is “possibly extinct”, but then goes on to mention the Pitsford Reservoir site from 2001, and also a large population at Ring Haw in 2012. Neither of these records appears in the BSBI database, however.

***Genista anglica* L., Petty Whin**

GB red list: Near Threatened
England red list: Vulnerable
VC32: Extinct?
Native.

Year	Grid Reference	Location	Recorder
1997	SP723645	Harlestone Firs	RW

This was last seen at the nature reserve by Harlestone Firs, but hasn't been recorded since 1997. The site had become overgrown, and BL has done some conservation work in the hope that it will reappear.

***Genista tinctoria subsp. tinctoria* L., Dyer's Greenweed**

GB red list: Least concern
 England red list: Vulnerable
 VC32: Scarce (8 sites)
 Native.



Year	Grid Reference	Location	Recorder
2019	TF0003	Collyweston Quarries	RC
2017	TF07330334	Southorpe Roughs	AF
2011	TF09N	Ring Haw	NC
2010	SP99Y	Fineshade, Westhay Wood	PC
2010	SP6644	Silverstone, near	PC
2009	TF1103	Swaddywell Pit	LF
2008	SP957976	Wakerley Wood	GG
2000	SP765466	Grafton Regis meadow	NE

Our species is *subsp. tinctoria*.

It is very abundant at Collyweston Quarries, and there is also a thriving population at Southorpe Roughs SSSI. Hay was taken from Collyweston Quarries for the limestone grassland re-creation project at Ring Haw. Swaddywell Pit is extremely well recorded, and it appears likely that the species has disappeared since 2009. The other sightings have yet to be confirmed as still present or not.

***Gentianella amarella* (L.) Börner, Autumn Gentian**

GB red list: Least concern
England red list: Near Threatened
VC32: Scarce (10 sites)
Native.



Year	Grid Reference	Location	Recorder
2017	SP9409097624	Spanhoe Airfield	BL
2016	TF0704	Barnack Hills and Holes	RC
2015	TF016012	RAF Wittering	BL
2014	TF0003	Collyweston Quarries	AF
2011	TF018042	Racecourse Farm Fields	NE
2011	TF01540063	Easton Hornstocks	NFG
2008	TL041986	Bedford Purlieus	GG
2008	SP98V	Aldwinckle	GG
2008	SP836555	Yardley Chase MoD	TRI
2006	TF040013	Bonemills Hollow	TW

Our plants are subsp. *amarella*. Most of the current sites are on limestone in the north of the county. The record from a road verge with Aldwinckle as the location is a problem as it doesn't match the grid reference. The quarrying at Spanhoe Airfield may harm the population there, but it is reliable at Barnack Hills and Holes and Collyweston Quarries.

***Geranium columbinum* L., Long-stalked Crane's-bill**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (7 sites).
Native.



Year	Grid Reference	Location	Recorder
2019	TL00439765	Kings Cliffe	AF
2019	SP95569783	Wakerley Wood	BL
2018	TF04120043	Bedford Purlieus	MD
2014	TL122980	Castor	SL
2011	SP68F	Welford	RW
2008	TF004038	Collyweston Quarries	GG
2006	TF1101	Castor Hanglands	KNHS

Another annual of calcareous soil, this is well-established at Bedford Purlieus.

***Geranium purpureum* Vill., Little-robin**

GB red list: Least concern
England red list: Least concern
VC32: Rare (2 tetrads).
Native.

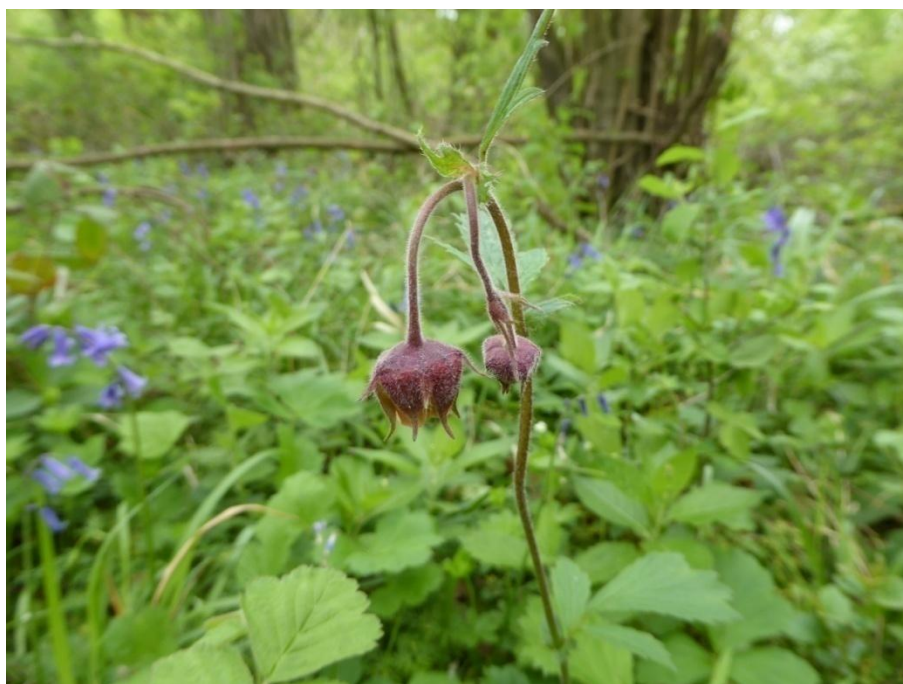
Year	Grid Reference	Location	Recorder
2015	SP96T	Higham Ferrers	RD
2015	SP96U	Higham Ferrers	RD

This species is very rare in our part of the UK, and this is the first record for VC32. It is unclear whether the two sites are in fact the same. This record needs confirming as the differences between this and a small *G. robertianum* are slight.

Update: Found at Peterborough Station in 2022.

***Geum rivale* L., Water Avens**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites).
Native.



Year	Grid Reference	Location	Recorder
2018	TF102032	Southey Wood	TV
2013	TF1202	Stamford Rd. / Heath Rd. / Ailsworth Rd. / King St. Verges CWS	CPERC
2008	SP85U	Castle Ashby	GG
2007	SP793520	Salcey Forest	MD

Always scarce in VC32, this species used to be present in Wakerley Wood but hasn't been seen for many years. Southey Wood seems to be the only reliable site in the county.

***Glebionis segetum* (L.) Fourr., Corn Marigold**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Not scarce, seen on many sites.
Archaeophyte.



Photo: NB

Year	Grid Reference	Location	Recorder
2019	SP46004172	Banbury	BL
2018	SP7149458429	Northampton, Swan Valley Industrial Estate	BL
2017	SP8629478407	Kettering	BL
2017	SP6363472123	West Haddon	BL
2017	SP7631565011	Northampton, Holly Lodge Drive	BL
2017	SP73087248	Beck Dairy	MD
2016	SP572624	Daventry	BL
2015	SP772715	Pitsford Reservoir Nature Reserve, near	BL
2015	TL177983	Thorpe Meadows, Peterborough	SL
2014	SP906942	Gretton	BL

There are many records for Corn Marigold, as it is a regular component of seed mixes for farmers and gardeners. These are only the most recent records. The record from the Pitsford Reservoir area may be naturally occurring, but the others are most likely to be planted.

***Groenlandia densa* (L.) Fourr., Opposite-leaved Pondweed**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Not scarce.
Native.

Year	Grid Reference	Location	Recorder
2018	TF18640601	Newborough	OM
2015	TF17550583	Long Meadow Drain	OM
2010	TL2399	Cat's Water Drain	CPERC
2010	TF1807	Asholt and Moor Drains	CPERC
2010	TF196061	Soke Road Drain	CPERC
2010	TF1905	Catchwater Drain	CPERC
2010	TL068871	Polebrook	RW
2009	TF2301	Eyebury Road Pits	CPERC
2001	TF093057	Bainton ponds	PP

This aquatic plant is found mainly in the drains in the Soke of Peterborough area, and has been noted as abundant at some sites. It is mentioned as present at Dogsthorpe Star Pit as a current site in the Flora, but there is no record of this. The sites in the chart represent a selection of locations visited as part of Records Centre surveys or Fenland surveys.

***Gymnadenia conopsea* (L.) R.Br., Chalk Fragrant Orchid**

GB red list: Least concern
England red list: Least concern
VC32: Scarce.
Native.



Year	Grid Reference	Location	Recorder
2019	TF076046	Barnack Hills and Holes	NMC
2018	TF11900165	Castor Hanglands	KL
2010	SP53H	Charlton	PH
2008	TF004038	Collyweston Quarries	GG
2005	TL083854	Kingsthorpe Lodge, Oundle	NO
2004	TF0800	Sutton Heath and Bog	DW

The record for Castor Hanglands came through iRecord and is extremely unlikely to be correct. The last record there was in 1953. The best site for Fragrant Orchid is at Barnack.

***Gymnadenia densiflora* (Wahlenb.) A.Dietr., Marsh Fragrant-orchid**

GB red list: Data deficient
England red list: Data deficient
VC32: Rare
Native.

2004	TF090000	Sutton Heath and Bog	MD
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Only one record since 2000, although the site has earlier records for this species. The differentiation of *G. densiflora* from *G. conopsea* is difficult, depending on careful measurements.

***Helianthemum nummularium* (L.) Mill., Common Rock-rose**

GB red list: Least concern
England red list: Near threatened
VC32: Not scarce, established on many sites.
Native.



Year	Grid Reference	Location	Recorder
2019	TL01489715	Kings Cliffe Banks	AF
2019	TF0800	Sutton Heath and Bog	JG
2019	TF004038	Collyweston Quarries	RC
2018	TF0704	Barnack Hills and Holes	NMC
2017	TF0703	Southorpe Roughs	AF
2017	SP9666298517	Wakerley Spinney	BL
2017	SP516333	Aynho	MA
2017	TF0406300451	Bedford Purlieus	TV
2016	TF11770189	Castor Hanglands	AF
2016	TF084020	Southorpe Paddock	AF

Common on the limestone grasslands in the north of the county.

***Helleborus foetidus* L., Stinking Hellebore**

GB red list: Least concern
England red list: Least concern
VC32: Not scarce, established on many sites.
Native.



Year	Grid Reference	Location	Recorder
2019	SP7439	Wicken	AF
2019	TL00999762	Kings Cliffe	AF
2019	TL0230079738	Titchmarsh	BL
2019	SP9181789653	Weldon	BL
2019	SP7277362331	Northampton	BL
2019	SP8035063351	Lingswood Park, Northampton	BL
2019	SP9885	Lyveden New Bield	SL
2019	TL038986	Bedford Purlieus	SL
2018	SP978984	Fineshade Wood	RC
2017	SP95147136	Irthlingborough	RCO

Previously thought to be rare in VC32¹ but this is no longer the case. Some records may be garden escapes. Mostly seen in the north of the county, often in woodland.

***Helleborus viridis* L., Green Hellebore**

All our plants are *H. viridis* subsp. *occidentalis*

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native.

Year	Grid Reference	Location	Recorder
2018	TF0703	Walcot Hall Park CWS	CPERC
2016	SP678734	Guilsborough	BL
2016	SP607392	Whitfield	BL
2016	SP572565	Mill Spinney, Fawsley	BL
2011	TF177034	Werrington	JSQ
2010	SP5095634756	Walton Grounds	BL
2008	SP85U	Castle Ashby	GG
2008	SP75G	Blisworth	RM

At least some of these records are likely to be introductions.

***Helosciadium inundatum* (L.) W.D.J.Koch, Lesser Marshwort**

Formerly *Apium inundatum*.

GB red list: Least concern
England red list: Vulnerable
VC32: ? extinct
Native.

Last seen at Castor Hanglands in 1999; as this is a well-recorded site it seems likely that this species is no longer extant in the county. Still worth searching for in still, shallow water though.

***Himantoglossum hircinum* (L.) Spreng., Lizard Orchid**

GB red list: Not threatened
England red list: Least concern
VC32: Rare
Native.



Year	Grid Reference	Location	Recorder
2017	TF114035	Swaddywell Pit	SK

This single plant popped up at Swaddywell, but has not been seen since.

Update: A plant appeared at Ring Haw in 2022.

***Hippocrepis comosa* L., Horseshoe Vetch**

GB red list: Least concern
England red list: Least concern
VC32: Not scarce
Native



Year	Grid Reference	Location	Recorder
2019	TF0908000231	Sutton Heath and Bog	JG
2018	TF0704	Barnack Hills and Holes	MD
2017	TF114035	Swaddywell Pit	SK
2017	TF0736203231	Southorpe Roughs	AF
2017	SP9416697951	Spanhoe Airfield	BL
2016	TF0847702088	Southorpe Paddock	AF
2015	TF004037	Collyweston Quarries	AF
2011	TF0401	Wittering Road Verge CWS	CPERC
2011	TL09N	Ring Haw	NC
2010	SP53H	Charlton	PH
2009	TL09P	Old Sulehay	NC

Present at a number of sites, mainly in limestone grassland in the north of the county, but scarce elsewhere.

***Hordelymus europaeus* (L.) Jess. ex Harz, Wood Barley**

GB red list: Least concern

England red list: Least concern

VC32: Scarce

Native

Year	Grid Reference	Location	Recorder
2019	TL0123291465	Short Wood	PS
2011	SP99B	Gretton	RW
2010	TL09J	Bedford Purlieus	GG
2008	SP99269960	Fineshade Wood	DB
2008	SP957976	Wakerley Wood	GG

Found in several locations at Short Wood, but also present at a few sites in the north.

***Hottonia palustris* L., Water-violet**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2017	TF150093	Deeping Gate Meadows	CPERC
2017	TL1277998227	Castor	JG
2015	TL177983	Thorpe Meadows	SL

The Castor and Thorpe Meadows plants are introductions. The population at Deeping Gate has been known since at least 1990, possibly 1949.

***Hydrocharis morsus-ranae* L., Frogbit**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2018	TL075990	Wansford	TV
2017	TL0724896083	Nassington	PS
2009	TL0899	Stibbington Lakes	JSQ

This was thought to be extinct in the county¹ but is now confirmed from 3 sites.

***Hydrocotyle vulgaris* L., Marsh Pennywort**

GB red list: Least concern
England red list: Near threatened
VC32: Scarce
Native



Year	Grid Reference	Location	Recorder
2016	TF090001	Sutton Heath and Bog	BL
2015	TF151092	Deeping Gate Meadows	PS
2011	TL004807	Aldwinkle Marsh	NE
2008	SP7163	Harlestone Firs	GG
2001	TF115015	Castor Hanglands	KNHS
2001	TL008829	Wadenhoe	MGO

Found at only 6 sites since 2000.

***Hylotelephium telephium* (L.) H.Ohba, Orpine**
Formerly *Sedum telephium*

GB red list: Least concern

England red list: Least concern

VC32: Scarce

Native

Year	Grid Reference	Location	Recorder
2014	SP986972	Westhay Wood	BL
2014	SP605566	Everdon Stubbs	MD
2014	TL158983	Thorpe Wood	SL
2013	SP69954200	Whittlebury, near	BL
2010	SP9898	Fineshade area	GG
2010	TL0068	Caldecott, near	RD
2009	SP935814	Grafton Park Wood	PS
2009	SP8464	Earl's Barton	RW
2003	SP858826	Barford Meadows	GB

Some of these records may be garden escapes, but others have been established for many years.

***Hyoscyamus niger* L., Henbane**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Not scarce
Archaeophyte

Year	Grid Reference	Location	Recorder
2018	SP945924	Deene Park	AF
2011	TL09T	Yarwell/Nassington area	NC
2008	TF034012	Bonemills Hollow	BL
2008	SP96C	Irchester	GG
2008	SP85U	Castle Ashby	GG
2008	SP8252	Horton Woods	GG
2008	SP63E	Whitfield area	GG
2008	SP707510	A43 north of Towcester	RW
2007	SP868616	Grendon	GC
2006	TF115015	Castor Hanglands	

This pops up occasionally, not often seen in the county.

***Hypochaeris glabra* L., Smooth Cat's-ear**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2014	TL1797	Thorpe Meadows	CPERC
2006	TF1103	Stamford Rd. / Heath Rd. / Ailsworth Rd. / King St. Verges CWS	CPERC
2003	TF231034	Eye Green LNR	CPERC

Worth looking for but can be confused with small examples of *H. radicata*.

***Hypopitys monotropa* Crantz, Yellow Bird's-nest**

GB red list: Endangered
England red list: Endangered
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2018	SP5944834990	Evenley Woodland Garden	BL

Only one record since 2000, but previously known from Wakerley Woods so worth searching for there.

***Isolepis setacea* (L.) R.Br., Bristle Club-rush**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2017	TF12070090	Castor Hanglands	SL
2011	TL06929939	Wansford Pasture	SL
2006	TF0800	Sutton Heath and Bog	MG
2004	SP864871	Kingswood Nature Reserve, Corby	JB
2002	TL041995	Bedford Purlieus	NE
2000	SP672542	Bugbrooke Meadow	TB

Occasionally found, often in wet woodland.

***Jasione montana* L., Sheep's-bit**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2017	SP5755660784	Daventry, Newnham Hill	BL

Only one record, probably the site where this was found in the 1960's, and even earlier in the 1800's¹.

***Juncus bulbosus* L., Bulbous Rush**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2009	TF241014	Cat's Water Drain	DB
2008	TF084021	Southorpe Paddock	GG

Always rare in the county.

***Laphangium luteoalbum* (L.) Tzvelev, Jersey Cudweed**

Formerly *Gnaphalium luteoalbum*

GB red list: Not included
England red list: Not included
VC32: Scarce (4 sites)
May be native in UK, but not in VC32.



Year	Grid Reference	Location	Recorder
2019	TL05869830	Yarwell Quarry	AF
2019	SP7240063688	Harlestone Firs	BL
2019	SP9072675580	Burton Latimer	BL
2019	SP7288462471	Northampton	BL

New to VC32 in 2019, this occurs as a casual in a few locations and may be spreading.

***Lathraea squamaria* L., Toothwort**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native



Year	Grid Reference	Location	Recorder
2019	TL0660798831	Old Sulehay Forest	PS
2019	TF0385400009	Bedford Purlieus	TV
2019	SP9601398529	Wakerley Wood	TV
2016	TF1101	Castor Hanglands	RMO
2015	TF006012	Collyweston Great Wood	BL
2002	SP932949	Lodge Coppice	WTBCN

Well-known in sites in the north of the county.

***Lepidium heterophyllum* Benth., Smith's Pepperwort**

GB red list: Least concern

England red list: Least concern

VC32: Rare

Native

Year	Grid Reference	Location	Recorder
2015	TF046002	Bedford Purlieus	AF

A single record of a few plants found in a spoil heap near the quarry edge ponds. The species was previously known at Bedford Purlieus.

***Lepidium latifolium* L., Dittander**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native



Year	Grid Reference	Location	Recorder
2018	TF00450168	Collyweston Great Wood road verge	AF
2017	SP6011877625	A14 near Yelvertoft	BL
2013	SP8775	Kettering, near Pytchley Lodge	RD

Although native in Britain near the coast, this species is now found at the edge of major roads inland. The Kettering plants were known to be planted.

***Linaria repens* (L.) Mill., Pale Toadflax**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Archaeophyte



Year	Grid Reference	Location	Recorder
2011	SP74K	Deanshanger	MD
2010	SP96N	Rushden	RD
2009	SP9094	Gretton	RW
2008	SP85L	Ravenstone Road copse	GG

This was thought to be found near railways or former rail tracks¹, but there is little evidence for this from the most recent records. It does like to grow in stony places.
There is one record of the hybrid with *L. vulgaris*, although none for *L. repens* nearby.

***Linum perenne* L., Perennial Flax**

GB red list: Least concern
 England red list: Least concern
 VC32: Rare
 Native.

Year	Grid Reference	Location	Recorder
2014	TL0282	Achurch	RW

This was thought to be extinct in the county¹, but a single record (without useful grid reference) was made in 2014.

***Lithospermum arvense* L., Field Gromwell**

GB red list: Endangered
England red list: Endangered
VC32: Rare
Archaeophyte

Year	Grid Reference	Location	Recorder
2006	TL09N	Ring Haw	
2002	SP915968	Harringworth	GG
2001	SP9666	Rushden	GG

Rarely seen arable weed. Two records are mentioned in the last edition of the Rare Plant Register (2014)⁴, the one from Ring Haw without a known recorder, and one from Bedford Purlieus from DB that is not included in the database.

***Littorella uniflora* (L.) Asch., Shoreweed**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2016	SP676711	Ravensthorpe Reservoir	BL
2016	SP670774	Naseby Reservoir	BL
2011	SP684737	Hollowell Reservoir	BL
2008	SP780708	Pitsford Reservoir nature reserve	GG

Found in the draw-down zones of reservoirs in VC32, where it is able to flower.

***Logfia minima* (Sm.) Dumort., Small Cudweed**

Formerly *Filago minima*

GB red list: Least concern
England red list: Near threatened
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2017	TL155984	Peterborough	PK
2014	TL09P	Old Sulehay	PS
2013	SP715637	Harlestone Firs	MD
2005	TL045968	Great Morton Sale	BL

Usually found in bare sandy places, this species was found most recently on Thorpe Wood Road in Peterborough. At Old Sulehay it would be most likely on Stonepit Close. It was spotted near the sawmill at Harlestone Firs, and on disturbed ground near a new housing development very close to

Harlestone Firs. It has also been seen in an old quarry at Great Morton Sale. These records are encouraging as it had previously been thought to be extinct in the county.

***Luzula forsteri* (Sm.) DC, Southern Woodrush**

GB red list: Least concern
 England red list: Least concern
 VC32: Rare
 Native.

Year	Grid Reference	Location	Recorder
2008	TL041986	Bedford Purlieus	GG
2007	TF120050	Rice Wood	TW

A woodland plant found in only 2 locations in the county. It is well-established at Bedford Purlieus, and it would be good to check whether it remains at Rice Wood, where much forestry work has been done in recent years.

***Lysimachia foemina* (Mill.) U.Manns & Anderb., Blue Pimpernel**
 (formerly *Anagallis arvensis* subsp. *foemina*)

GB red list: Least Concern
 England red list: Data Deficient
 VC32: Scarce
 Archaeophyte.



Year	Grid Reference	Location	Recorder
2010	SP586348	Evenley	GG
2008	SP946912	A43 near Deene	BL
2008	SP833652	Sywell Country Park	GG
2008	SP9698	Wakerley Wood	PC

2001	SP565325	Croughton Airfield	CC
2001	TL070994	Wansford Pasture	?

Unfortunately it is impossible to know whether these records are actually *L. foemina*, or the blue form of *Lysimachia arvensis*. As an arable weed it is very likely to be scarce in either case.

***Lysimachia tenella* L., Bog Pimpernel**
(formerly *Anagallis tenella*)

GB red list: Least concern
 England red list: Least concern
 VC32: Rare
 Native.



Year	Grid Reference	Location	Recorder
2016	TF0885100126	Sutton Heath and Bog	BL
2008	TL0698	Wansford Pasture	GG

The only current record is from Sutton Heath and Bog SSSI. At Wansford Pasture, also a SSSI and a Wildlife Trust Nature Reserve, it hasn't been seen since the record in 2008. The species is more common in the west of Britain.

***Lythrum portula* (L.) D.A.Webb, Water-purslane**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2017	SP7158664181	Harlestone Firs	BL
2008	TL177981	Thorpe Meadows	JSQ

Present at Harlestone Firs in damp areas since at least 2000, and recorded once from Peterborough.

***Marrubium vulgare* L., White Horehound**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2010	SP66C	Thrupp Grounds	GG

Although native in Britain, it is a coastal species² and unlikely to be native in VC32. There are quite a few older records in the north of the county but this is the only one in recent years, and is probably a naturalised specimen.

***Medicago minima* (L.) Bartal., Bur Medick**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2015	SP87U	Kettering	RW
2010	SP9291	Priors Hall, Corby	RW
2009	TL09E	Westhay Lodge	NC

Probably native, but likely to be alien in VC32², this small annual can be easily missed and it is worth keeping an eye out for it.

***Medicago polymorpha* L., Toothed Medick**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2017	SP7647760398	Northampton General Hospital	BL
2013	SP58376283	Daventry, Admiral's Way	BL
2013	SP862866	Corby, Danesholme Estate	RW

Another annual Medick that occurs as a casual in this county.

***Melampyrum cristatum* L., Crested Cow-wheat**

GB red list: Vulnerable
England red list: Endangered
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2019	TF1236502276	Castor Hanglands, Blacklands	PS
2008	TF1102	Southey Wood verge	GG

The Southey Wood verge population has disappeared since 2008, leaving only one site at Castor Hanglands for this species. It was introduced here from the verge in 1996¹.

***Melampyrum pratense* L., Common Cow-wheat**

GB red list: Least concern
England red list: Near threatened
VC32: Scarce (5 monads)
Native.

Year	Grid Reference	Location	Recorder
2019	SP6118041418	Whistley Wood	BL
2019	SP6641	Hazelborough Wood	MW
2019	SP6517244475	Bucknell Wood	MW
2017	SP9666598518	Wakerley Spinney	BL
2011	SP55P	Badby	RW

This woodland plant is found in a number of sites in the south of the county, and still exists at one in the north.

***Melica nutans* L., Mountain Melick**

GB red list: Least concern
England red list: Least concern
VC32: Rare

Native.

Year	Grid Reference	Location	Recorder
2019	TL0430399697	Bedford Purlieus	TV
2015	TF020006	Easton Hornstocks	BL
2015	TF006012	Collyweston Great Wood	BL

This grass is at its southern extremity in VC32 and is only found in three woods in the north of the county. It was reported from Castor Hanglands in 2013, this is thought to be an error but needs checking out.

***Mentha pulegium* L., Pennyroyal**

GB red list: Endangered

England red list: Critical

VC32: Not scarce

Native.

Year	Grid Reference	Location	Recorder
2018	SP791606	Abington Meadows	RC
2014	SP885634	Summer Leys NR	MD
2013	SP96D	Wellingborough	RD
2013	SP757698	Brixworth Country Park	RW
2010	SP765639	Bradlaugh Fields	BL
2009	SP76S	Moulton Park area, Northampton	MD
2009	SP967721	Stanwick Lakes	TB
2008	SP792603	Rush Mills, Northampton	BL
2008	SP9166	Irchester Country Park	GG
2008	SP897660	Wellingborough Pit	NHU

This species is unlikely to be native in Northamptonshire; it has been suggested that it was brought in with grass seed in wet areas of the Nene valley^{1,2}. It is certainly found in quantity at several sites and its spread needs to be monitored.

***Mentha suaveolens* Ehrh., Round-leaved mint**

GB red list: Data deficient

England red list: Near threatened

VC32: Rare

Native.

Year	Grid Reference	Location	Recorder
2010	SP9089	Corby	MW

Only found once in the county, probably a garden escape. Not native in our area.

***Menyanthes trifoliata* L., Bogbean**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (9 monads)
Native.



Year	Grid Reference	Location	Recorder
2019	TL0030980807	Aldwincle Marsh	PS
2016	SP918893	Weldon Country Park	BL
2015	SP718590	Northampton, near Upton Mill	MD
2015	TF00G	White Water Marsh	RW
2009	SP662819	Sulby Gardens	HB
2009	SP9094	Gretton	RW
2008	SP88A	Rothwell	RW
2001	SP772396	Deanshanger, near	CC
2001	TL139989	Milton Park golf course	PP

Some of these records are likely to be of planted specimens, as it is frequently sold as a pond plant, e.g. Sulby Gardens¹. They appear to be native at Aldwincle Marsh.

***Mespilus germanica* L., Medlar**

GB red list: Least concern
England red list: Least concern
VC32: Rare (2 sites)
Archaeophyte

Year	Grid Reference	Location	Recorder
2003	SP888635	Earls Barton Gravel Pits	GG
2019	SP8405683079	Rushton	NIC

The first record is mentioned in the Flora¹. The other was reported on iNaturalist. Both are likely to be planted specimens.

***Misopates orontium* (L.) Raf., Weasel's-snout**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Archaeophyte

Year	Grid Reference	Location	Recorder
2008	SP732615	Northampton	BL

Only one record, found at allotments in Duston, Northampton.

***Moenchia erecta* (L.) P.Gaertn., B.Mey. & Scherb., Upright Chickweed**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2013	SP56735802	Fawsley	BL

Found in 3 spots near Fawsley. Previously thought to be extinct in the county¹.

***Molinia caerulea* (L.) Moench, Purple Moor Grass**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2019	TF0800	Sutton Heath and Bog	PS
2015	TF00G	White Water Marsh	RW
2011	TF046037	White Water Valley	NC

Found at 2 sites in the White Water area as well as Sutton Heath and Bog. It would be good to know the subspecies.

***Montia fontana* L., Blinks**

GB red list: Least concern
 England red list: Least concern
 VC32: Scarce
 Native.

Year	Grid Reference	Location	Recorder
2015	TF043063	Burghley Park	BL
2015	SP569579	Fawsley Park	BL
2014	SP634753	Cold Ashby golf course	BL
2013	SP73795809	Hunsbury Hill, Northampton	BL
2013	<u>SP66954233</u>	Silverstone race track	BL
2011	<u>SP599549</u>	Farthingstone golf course	BL
2008	<u>SP7163</u>	Harlestone Firs	GG

Always rare in Central England, but worth looking for in damp, shady places.

***Muscari neglectum* Guss. ex Ten., Grape-hyacinth**

GB red list: Vulnerable
 England red list: Waiting list
 VC32: Not scarce
 Native or neophyte.

Year	Grid Reference	Location	Recorder
2015	SP95147139	Irthlingborough	RCO
2011	TL09V	Warmington	NC
2011	TL09P	Bedford Purlieus	NC
2011	TL09K	Cotterstock and Tansor	NC
2011	SK9800	Duddington	RW
2011	SP88U	Corby	RW
2010	SP96Y	Newton Road, near Newton Bromswold	RD
2009	TL091991	Sutton Disused Railway CWS	MB
2009	TL058991	Kings Cliffe to Wansford road	NC
2009	TL09N	Ring Haw	NC

Recorded fairly often, but confusion with other species may be occurring, especially with *M. latifolium* which has very broad leaves. Sometimes grown in gardens.

***Myosurus minimus* L., Mousetail**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Native (uncertain).

Year	Grid Reference	Location	Recorder
2019	SP74956007	St James Retail Park, Northampton	BL
2019	TL0102782987	Achurch Meadow	PS

This was thought to be extinct in the county¹ but is now present on 2 sites.

***Myriophyllum verticillatum* L., Whorled Water-Milfoil**

GB red list: Vulnerable
England red list: Near threatened
VC32: Scarce
Native.

Year	Grid Reference	Location	Recorder
2019	TF2205	Eye	SL
2016	TL168980	Holywell Fish Ponds CWS	CPERC
2014	TL09T	Nassington/Yarwell area	PS
2011	TL09U	Wansford	NC
2011	TF21620275	Dogsthorpe Star Pit	SL
2010	TF2205	Highland Drain CWS	CPERC
2010	TF1905	Catchwater Drain CWS	CPERC
2009	TF2005	Middle Drain CWS	TB
2009	TF2306	Hundreds Farm Drain CWS	TB
2008	TF2005	Newborough	GG

This species is now only found in the north of VC32, the Soke of Peterborough, with a stronghold at Dogsthorpe Star Pit.

***Narcissus pseudonarcissus* L., Wild Daffodil**

Our plants are probably *ssp. pseudonarcissus*, although none are recorded as such.

GB red list: Least concern
England red list: Least concern
VC32: Scarce (7 monads across 7 sites)
Native.



Year	Grid Ref.	Grid Ref.	Location	Recorder
2019	SP61575684		Farthingstone	JWA
2017	SP598553		Mantles Heath	MA
2014	SP6056		Everdon Stubbs	RW
2013	SP566582		Badby Woods	NFG
2013	TF159024		Pocock's Wood CWS	CPERC
2011	SP9084	SP913847	Geddington Chase	NE
2009	SP947877		Harry's Park Wood	PS

Scarce across the county, the Wild Daffodil has been recorded from the Everdon Stubbs and Geddington Chase areas for many years. The first four sites in the chart are within a few kilometres of each other so are likely to be the genuine species, although the Farthingstone record is from a road verge so possibly planted. Harry's Park Wood is part of Laundimer Woods, near Brigstock, and a few kilometres from Geddington Chase; it is open access woodland with public footpaths through it, so the origin of the plants is not clear. The Geddington Chase plants are still extant in 2020. The edge of Pocock's Wood, behind Peterborough Crematorium, does have a few plants (4 in 2020) but the crematorium grounds have many more that are clearly planted.

***Nasturtium microphyllum* (Boenn.) Rchb., Narrow-fruited Watercress**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (4 sites)
Native.

Year	Grid Reference	Location	Recorder
2014	TL1088	Papley Medieval Village	PS
2012	TL0097	Kings Cliffe	JS
2008	SP780708	Pitsford Reservoir nature reserve	GG
2008	SP5150	Warden Hill/Warden Grange	GG

Apparently scarce in the county, this can be difficult to identify until fruits are present and may well be overlooked. Watercress is often recorded as *Nasturtium officinale* agg. It would be good to see this represented in the records as the full species.

***Neottia nidus-avis* (L.) Rich., Bird's-nest Orchid**

GB red list: Near threatened
England red list: Vulnerable
VC32: Scarce
Native.



Year	Grid Reference	Location	Recorder
2018	TL04669968	Bedford Purlieus	MD
2011	TL0191	Short Wood	NE
2011	SP801862	Stoke Wood	NE
2011	SP85A	Salcey Forest	NE
2010	SP829688	Sywell Wood	BL
2010	SP825705	Hardwick Wood	BL
2008	SP85Y	Horn Wood?	GG

Found in woodland throughout VC32. The most reliable site is the eastern edge of Bedford Purlieus, where it can be spotted most years. Present in 2022.

***Nymphoides peltata* Kuntze, Fringed Water-lily**

GB red list: Least concern

England red list: Least concern

VC32: Not scarce.

Native.

Year	Grid Reference	Location	Recorder
2019	SP8759563724	Doddington Lock	JG
2019	TF227058	Eye	SL
2018	TF18320777	River Welland	NH
2014	SP75Z	Great Houghton	MD
2014	TF215049	Middle Drain	OM
2013	SP791608	Abington Meadows NR	MD
2012	SP770394	Deanshanger, near	ROS
2011	TF1804	Newborough Fen	JSQ
2011	TL07E	Thrapston	PS
2011	SP954850	Brigstock Country Park	RW

and other locations.

This species is a commonly planted pond plant, and it is difficult to tell whether a population is native or not. It is still established at Brigstock, now known as Fermyn Woods Country Park.

***Oenanthe aquatica* (L.) Poir., Fine-leaved Water-dropwort**

GB red list: Least concern

England red list: Least concern

VC32: Rare

Native.

Year	Grid Reference	Location	Recorder
2016	SP667775	Naseby Reservoir	BL
2016	SP651812	Welford Reservoir	BL

Found in only 2 sites since 2000, this may be decreasing in VC32.

***Oenanthe fistulosa* L., Tubular Water-dropwort**

GB red list: Least concern
England red list: Vulnerable
VC32: Not scarce
Native.



Year	Grid Reference	Location	Recorder
2019	TL0417089223	Oundle	PS
2019	SP9216997969	Seaton Meadows	PS
2015	TF15060927	Deeping Gate Meadows	PS
2014	TL122976	Castor flood meadow	SL
2013	TL093981	Sutton Meadows South	CPERC
2013	TF093057	Bainton ponds	PS
2011	TL008828	Wadenhoe Marsh and Achurch Meadow	NE
2009	TF1101	Castor Hanglands	RW
2008	SP813827	Tailby Meadow, Desborough	GG
2008	TL073960	Nassington Meadows and Dyke	TB

Occurs at 14 known locations in the county, making this the second most common Water-dropwort after *O. crocata* in VC32.

***Oenanthe fluviatilis* (Bab.) Coleman, River Water-dropwort**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native.

Year	Grid Reference	Location	Recorder
2011	TL07E	Thrapston	PS
2010	SK90W	Collyweston, near	GG
2008	SP892740	Burton Latimer meadows	TB
2007	TL1197	Normangate River Meadows CWS	CPERC
2007	SP8878	Kettering, River Isle	RD

The record from Collyweston is likely to be an error as the River Welland is actually in VC55, and there are no other bodies of water in the tetrad. This species has not been seen for over 10 years in VC32.

***Oenanthe lachenalii* C.C. Gmel., Parsley Water-dropwort**

GB red list: Least concern
England red list: Near threatened
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2017	TF131002	Oldfield Pond Drains	SL
2015	TF1101	Castor Hanglands	PS

Only 2 locations; Oldfield Pond is near Castor Hanglands. Ailsworth Heath is the area to search at Castor Hanglands.

***Oenanthe silaifolia* M. Bleb., Narrow-leaved Water-dropwort**

GB red list: Near threatened
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2008	TF114020	Castor Hanglands	DH

A single record, apparently confirmed by Gill Gent the same year. One to re-find if possible.

***Omalothea sylvatica* (L.) Sch.Bip & F.W.Schultz, Heath Cudweed**

Formerly *Gnaphalium sylvaticum*

GB red list: Endangered
England red list: Endangered
VC32: Rare (4 monads across 3 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	SP7238563693	Harlestone Firs	BL
2011	SP9514797078	Wakerley Wood	BL
2003	SP966719	Stanwick Lakes	GG

This species prefers acidic soil and hence is rare in the county. It has been known at Harlestone Firs since around 1887¹. A single plant was found at Wakerley Wood in 2011 and its identification was verified. It was said to be “frequent” at Stanwick Lakes, this needs confirming if it is still present.

***Ophrys insectifera* L., Fly Orchid**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Native.



Year	Grid Reference	Location	Recorder
2019	SP9680698467	Wakerley Spinney	TV
2018	TF0415100329	Bedford Purlieus	TV
2011	TF013003	Easton Hornstocks	NE

Just 3 sites in the north of the county. Still present at Bedford Purlieus in 2022.

***Orchis anthropophora* (L.) All., Man Orchid**

GB red list: Endangered
England red list: Endangered
VC32: Scarce
Native.



Year	Grid Reference	Location	Recorder
2018	TF09690395	Ufford	AF
2018	TF0703	Walcot Hall Park CWS	CPERC
2018	TF0745204647	Barnack Hills and Holes	KY
2017	TF0737903229	Southorpe Roughs	AF
2016	TF118023	Castor Hanglands	AF
2016	TF041014	Bonemills Hollow	BL
2016	TF117035	Swaddywell Pit	CPERC
2013	TF068048	Windmill Farm Meadow CWS	MB
2008	TF004038	Collyweston Quarries	GG

There are good populations at Barnack and Swaddywell, confirmed in 2022, and this is possibly increasing in the north of VC32. It hasn't been seen at Collyweston since 2008 despite much searching.

***Oreopteris limbosperma* (All.) Holub, Lemon-scented Fern**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2010	SP55I	Charwelton Railway north	GG

This is a fern of acid soil, and was last seen in 2010 at its only site in VC32. Needs checking to see whether it still grows in this locality.

***Ornithopus perpusillus* L., Bird's-foot**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native.



Year	Grid Reference	Location	Recorder
2019	SP7645059603	Waterside university campus, Northampton	BL
2017	SP7647960406	Northampton General Hospital	BL
2017	SP71896386	Harlestone Firs	MD
2016	SP761617	Northampton Racecourse	BL
2016	SP715611	Northampton, near Frank Large Walk	BL
2011	SP606402	Whitfield	TOM
2008	SP750645	Kingsthorpe Cemetery, Northampton	BL
2008	SP86B	Great Billings?	GG
2008	SP624564	Ramsden Corner Nature Reserve	GG

This annual species prefers sandy, acid soils but still pops up in various places in Northampton, and can often be found at Harlestone Firs.

***Poa infirma* Kunth, Early Meadow Grass**

GB red list: Least concern
England red list: Least concern
VC32: Scarce (6 monads across 6 sites)
Native.

Year	Grid Reference	Location	Recorder
2019	TF0431306167	Burghley Park	BL
2019	SP7946342487	Cosgrove Leisure Park	BL
2019	SP9901873552	Raunds	BL
2016	SP854792	Kettering	BL
2013	SP68254814	Towcester	BL
2010	SP773588	Brackmills, Northampton	BL

A new species for VC32, first spotted by Brian Laney in Northampton in 2010, this little annual grass is best spotted early in the year. It is found mostly at the edges of roads and is spreading from the south of the country. The records from Northampton, Raunds and Kettering are all on industrial estates, while the Towcester record is from the services on the A43. Cosgrove Leisure Park is a caravan and holiday centre near the county border with Buckinghamshire and close to Milton Keynes. The odd one out from these (sites where vehicles might be carrying in seed) is the record from Burghley Park in Stamford, where plants were seen growing by one of the tarmac paths. One to watch out for.

***Pedicularis palustris* L., Marsh Lousewort**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2018	TF0800	Sutton Heath and Bog	SL

Only found at one site in VC32.

***Pedicularis sylvatica* L., Lousewort**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2008	SP85H	Yardley Chase MoD	GG

Again only one site, not easily accessible. A later record from Sutton Heath and Bog is likely to be an error.

***Persicaria mitis* (Schrank) Assenov, Tasteless Water-pepper**

GB red list: Vulnerable
England red list: Vulnerable
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2011	SP675711	Ravensthorpe Reservoir	BL
2004	SP55A	Aston le Walls area	GG

Found in wet places, but not seen for some time. Stace says that it is over-recorded, but not in VC32!

***Petrosedum forsterianum* (Sm.) Grulich, Rock Stonecrop**

GB red list: Least Concern
England red list: Least concern
VC32: Rare
Native or naturalised.

Year	Grid Reference	Location	Recorder
2011	SP5452	Woodford Halse	RW
2010	TL034945	Woodnewton	RW
2010	SP99F	Priors Hall, Corby	RW

It is likely that these records are all of garden escapes.

***Pinguicula vulgaris* L., Common Butterwort**

GB red list: Least concern
England red list: Vulnerable
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2019	TF0885900123	Sutton Heath and Bog	JG

Only the one site in VC32, where a few plants were seen in 2019.

***Platanthera chlorantha* (Custer) Rchb., Greater Butterfly Orchid**

GB red list: Near threatened

England red list: Least concern

VC32: Not scarce

Native.



Year	Grid Reference	Location	Recorder
2018	SP5947434998	Evenley Woodland Garden	BL
2018	SP9901698456	Fineshade Wood	JH
2017	SP9653198667	Wakerley Spinney	BL
2017	TF094011	Sutton Wood and Beech Spinney CWS	CPERC
2015	TL060985	Old Sulehay Forest	AF
2015	TF0803	Southorpe Meadow	SL
2013	TF11900183	Castor Hanglands	RO
2011	TL0191	Short Wood	NE
2011	SP801862	Stoke Wood	NE
2011	SP833720	Withmale Park Wood	NE

Found in many of our ancient woodlands. Still present in 2020 at Rawhaw Wood and Fineshade.

***Poa humilis* Ehrh. ex Hoffm, Spreading Meadow Grass**

GB red list: Least Concern
England red list: Least concern
VC32: Not scarce
Native.

Year	Grid Reference	Location	Recorder
2019	SP9599	Wakerley village	AF
2019	TF0803	Southorpe Meadow	SL
2018	SP9913898576	Fineshade Wood	JH
2018	TL0059181728	Aldwincle	PS
2016	TF0502	Wittering Valley CWS	CPERC
2014	TF2102	Dogsthorpe Star Pit	AF
2013	TF084021	Southorpe Paddock	SL
2009	SP98Z	Lower Benefield	PS
2009	SP98Q	Lowick	PS
2008	SP957976	Wakerley Wood	GG

Probably under-recorded or placed in *Poa pratensis* agg. Worth recording as the species.
A new site was found at Brigstock in 2022.

***Poa infirma* Kunth, Early Meadow-grass**

GB red list: Least Concern
England red list: Least concern
VC32: Scarce
Native.

Year	Grid Reference	Location	Recorder
2019	TF0431306167	Burghley Park	BL
2019	SP7946342487	Cosgrove Leisure Park	BL
2019	SP9901873552	Raunds	BL
2016	SP854792	Kettering	BL
2013	SP68254814	Towcester	BL
2010	SP773588	Brackmills, Northampton	BL

Fist recorded in VC32 in 2010, this is appearing more frequently at scattered locations. One to look out for in spring/early summer.

***Polycarpon tetraphyllum* (L.) L., Four-leaved Allseed**

GB red list: Least Concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2019	TL1894198439	Peterborough	BL

First found in 2015 at Peterborough and persisting in this location, it has since been found in Northampton in 2020. Another to watch out for.

***Polygala serpyllifolia* Hosé, Heath Milkwort**

GB red list: Least Concern
England red list: Near threatened
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2015	TF00A	RAF Wittering	RW
2008	SP64M	Bucknell Wood and Pastures	GG

A plant of acid heathland, there are only two recent records, although Wilson¹ refers to several others not in the database.

***Polygonatum multiflorum* (L.) All., Solomon's-seal**

GB red list: Least Concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2016	SP535524	Hinton	BL
2010	SP76G	Dallington Heath area	MD
2010	SP663732	Guilsborough (near)	RW
2008	SP5863	Daventry Reservoir	GG

This is sold as a garden plant, so the provenance of these records may be in doubt, although the identifications are held to be correct.

***Polygonum rurivagum* Jord. ex Boreau, Cornfield Knotgrass**

GB red list: Least Concern

England red list: Least concern

VC32: Scarce

Archaeophyte

Year	Grid Reference	Location	Recorder
2012	TL0097	Kings Cliffe	JS
2011	SP847776	Kettering, near	BL
2011	SP708626	Duston, near	BL
2010	SP710608	Northampton	BL
2009	TF07170391	Barnack, near	BL
2009	SP7086159900	Kislingbury, near	BL
2008	SP759638	Kingsthorpe, Northampton	BL

There is some doubt about this as a distinct species, Stace² mentions amalgamation with *P. aviculare*.

***Polypogon monspeliensis* (L.) Desf., Annual Beard-grass**

GB red list: Least Concern

England red list: Least concern

VC32: Not scarce

Native



Year	Grid Reference	Location	Recorder
2019	SP9074275571	Burton Latimer	BL
2019	SP8656881691	Kettering	BL
2019	SP7625059593	Northampton, Waterside University Campus	BL
2019	SP55L	Woodford Halse	MA
2019	SP55G	Hinton	MA
2018	SP72168646	Market Harborough	AF
2018	SP5920138206	Brackley	BL
2018	TF0458200293	Bedford Purlieus	TV
2017	SP9008990282	Corby	BL
2014	TF1103	Swaddywell Pit	AF

and other locations.

Occurs as a casual in VC32, well away from its native areas.

***Populus nigra subsp. betulifolia* (Pursh) Dippel, Black Poplar**

GB red list: Least Concern

England red list: Least concern

VC32: Scarce

Native

Year	Grid Reference	Location	Recorder
2018	SP8330989435	East Carlton Country Park	BL
2016	SP796428	Cosgrove	BL
2016	SP613810	South Kilworth, road near	BL
2013	SP775601	Northampton, St Andrews Hospital	BL
2013	SP614639	A5 south of Long Buckby	BL
2010	SP895815	Boughton House	GG
2008	SP85T	Yardley Hastings area	GG
2008	SP593374	Brackley	GG

As relatively short-lived trees, this species may be in danger of being lost to the county. The trees seen at East Carlton have already been removed – one may survive.

***Potamogeton alpinus* Balb., Red Pondweed**

GB red list: Least concern

England red list: Vulnerable

VC32: Rare

Native.

Year	Grid Reference	Location	Recorder
2008	SP8254	Yardley Chase MoD	GG

Only found on the one site, which is difficult to access.

***Potamogeton coloratus* Hornem., Fen Pondweed**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2013	TF213027	Dogsthorpe Star Pit	BE

This has only one recent site, and could do with re-finding.

***Potamogeton compressus* L., Grass-wrack Pondweed**

GB red list: Endangered
England red list: Endangered
VC32: Not scarce
Native.

Year	Grid Reference	Location	Recorder
2019	TL1926498178	Peterborough, Nene	JG
2019	TL1763398424	Thorpe Meadows Marina, Nene	JG
2019	SP9915276831	Denford Siphon, Nene	JG
2019	SP8325761472	Cogenhoe Lock, Nene	JG
2019	TF17470710	Peakirk, Car Dyke/Welland	SL
2019	SP95246911	Higham Wharf Pit, Nene	TV
2013	SP99017868	Thrapston, Nene	JG
2010	SP913672	Wellingborough East Pit, Nene	TB
2008	SP727571	Rothersthorpe, Grand Union Canal	CG
2008	TL039871	Oundle, Nene	JG

and other locations.

One of the more common pondweeds, especially in the Nene.

***Potamogeton freisii* Rupr., Flat-stalked Pondweed**

GB red list: Near threatened
England red list: Vulnerable
VC32: Scarce
Native.

Year	Grid Reference	Location	Recorder
2019	TL1744498061	Thorpe Meadows Marina	JG
2019	SP9915276831	Denford Siphon, Nene	JG
2019	SP8315361388	Cogenhoe Lock, Nene	JG
2019	SP7930160406	Weston Favell	JG
2018	SP791606	Abington Meadows NR	RC
2018	SP766597	Barnes Meadows	RC
2010	SP913672	Wellingborough East Pit, Nene	TB
2010	SP889644	Wollaston Lock	TB
2001	SP5968	Watford Locks	DHW

An occasional find, especially in the Nene. Any further records will need confirmation by a referee.

***Potamogeton praelongus* Wulfen, Long-stalked Pondweed**

GB red list: Near threatened
England red list: Vulnerable
VC32: Not scarce
Native.

Year	Grid Reference	Location	Recorder
2019	SP8767963789	River Nene, Great Doddington	JG
2019	SP9262568105	River Nene east of Wellingborough	JG
2019	SP8325761472	Cogenhoe Lock, downstream	JG
2019	SP7919960476	Weston Favell	JG
2019	SP8567662019	White Mills Lock, Earls Barton	JG
2019	SP9915276831	Denford Siphon, Nene	JG
2019	SP9555670058	Higham Lock	TV
2018	SP774595	River Nene, Northampton	RC
2010	SP886643	Doddington, marshy field	TB
2006	SP748596	Grand Union Canal, Hunsbury	HG

and other locations.

This was thought to be extinct¹, but appears to be increasing now in the Nene.

***Potamogeton trichoides* Cham. & Schultdl, Hairlike Pondweed**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2011	SP538724	Kilsby Lane Meadow	JBO

A single record near the border with Warwickshire, needs confirmation.

***Potentilla anglica* Laichard., Trailing Tormentil**

GB red list: Least concern

England red list: Least concern

VC32: Scarce

Native.

Year	Grid Reference	Location	Recorder
2019	TF0400	Bedford Purlieus	SL
2016	TF0237800510	Easton Hornstocks	AF
2011	SP599549	Farthingstone golf course	BL
2009	SP574609	Daventry, Newnham Hill	BL
2009	SP95869751	Wakerley Wood	DB
2008	SP85T	Cold Oak Copse, Yardley Hastings	GG
2008	SP8456	Denton Wood	GG
2008	SP64L	Hazelborough Wood	GG
2005	TF119021	Castor Hanglands	DB
2003	SP85A	Salcey Lawn	GG

Most of the records are from woodland with some acidic habitats. It can be confused with the hybrid with *P. reptans*, *Potentilla x mixta*.

Update: Still present at Easton Hornstocks in 2022.

***Potentilla argentea* L., Hoary Cinquefoil**

GB red list: Near Threatened

England red list: Near Threatened

VC32: Scarce

Native.



Year	Grid Reference	Location	Recorder
2018	SP6278167441	Long Buckby	BL
2014	SP795610	Northampton, Riverside Retail Park	BL
2014	TL171990	Netherton	SL
2010	TL158983	Thorpe Wood CWS	BL
2008	TF028008	Bonemills Hollow	DH

Grows in sandy grassland. It has been established at Bonemills Hollow for many years and was still present in 2021.

***Pulsatilla vulgaris* Mill., Pasqueflower**

GB red list: Vulnerable
 England red list: Vulnerable
 VC32: Rare (1 site)
 Native.



Year	Grid Reference	Location	Recorder
2019	TF074047	Barnack Hills and Holes	SH

The only site for this is the National Nature Reserve of Barnack Hills and Holes, where it is frequent in the limestone grassland and should be safe. It has been known to pop up on surrounding verges from time to time but does not persist outside the reserve.

***Pyrus pyrastrer* (L.) Burgsd., Wild Pear**

We have a couple of records for this from Sudborough Green Lodge Meadows, but as it is difficult to separate from *Pyrus communis* I will not treat this as a rare taxon.

***Ranunculus arvensis* L., Corn Buttercup**

GB red list: Critically endangered
 England red list: Endangered
 VC32: Rare
 Archaeophyte.

Year	Grid Reference	Location	Recorder
2013	SP862866	Corby	RW
2013	SP950711	Irthlingborough	RW
2008	SP833652	Sywell Country Park	GG

Little information is available for these records.

The records from RW are from urban areas, and the record in the country park is from a garden area. It is likely that the species is extinct in the wild in VC32.

***Ranunculus hederaceus* L., Ivy-leaved Crowfoot**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2015	TL177983	Thorpe Meadows	SL
2008	SP64L	Hazelborough Wood	GG
2008	SP588624	Daventry, Borough Hill	GG
2006	SP865871	Corby, King's Wood	JB
2006	SP578573	Everdon Hill	TB
2004	SP55J	Upper Catesby area	MA

A plant of muddy edges and shallow water. The most recent record in 2015 is of an introduced plant.

***Ranunculus peltatus* Schrank, Pond Water-crowfoot**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2015	SP689729	Hollowell Reservoir	ENSIS
2010	SP53H	Charlton	PH
2010	SP6448	Bradden	RW
2009	SP669776	Naseby Reservoir	TB
2009	SP76U	Pitsford Reservoir	TB

Found in reservoirs and ponds. Common in England, the scarcity of records for VC32 may be due to difficulties in identification.

***Ranunculus penicillatus* (Dumort.) Bab., Stream Water-crowfoot**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2017	SP87618314	Newton	JG
2009	SP98Q	Lowick	PS
2008	SP780708	Pitsford Reservoir nature reserve	GG
2008	SP900704	River Ise, Finedon stretch	TB
2008	SP892740	Burton Latimer meadows	TB
2008	SP881761	Ise pasture, Kettering	TB

Found in rivers. Again, scarcity may be due to difficulties in identification.

***Ranunculus sardous* Crantz, Hairy Buttercup**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native



Year	Grid Reference	Location	Recorder
2016	SP661659	Great Brington	BL

This is the only site in VC32 at present.

***Roemeria hispida* (Lam.) Stace, Rough Poppy**

Formerly Papaver hybridum

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Archaeophyte.

Year	Grid Reference	Location	Recorder
2018	SP94399881	Spanhoe Airfield	PS
2016	TL052997	Cook's Hole (footpath near)	PS
2014	SP87E	Loddington	RW
2012	TF0848500249	Sacrewell Farm	MD
2003	TF036033	Whitewater Reservoir CWS	PE

Scarce becoming rare, as the two most recent sites are now quarries.

***Sabulina tenuifolia* (L.) Rchb., Fine-leaved Sandwort**

Formerly *Minuartia hybrida*

GB red list: Endangered
England red list: Endangered
VC32: Rare (3 monads across 2 sites)
Native.



Photo: TV

Year	Grid Reference	Location	Recorder
1996	TF106065	Lolham Bridges	RW
2021	TF10530750	Lolham Bridges	TV
2021	SP8880991589	Corby, Brookfield Plantation	BL

Always rare in VC32, this was found in 1996 by Rob Wilson but for some reason was not included in the Flora¹. There are now 2 sites, one similar but the other new, for the species. It is probably overlooked.

***Sagina apetala* Ard., Annual Pearlwort**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2015	TF1103	Swaddywell Pit	SL
2011	SP712634	Duston, near	BL
2011	SP67T	Naseby Reservoir, near	RW

Rarity may be due to under-recording.

***Sagina nodosa* (L.) Fenzl, Knotted Pearlwort**

GB red list: Least concern
England red list: Vulnerable
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2011	SP87Q	Harrington	RW
2007	TF111054	Torpe Manor Field CWS	CPERC
2005	SP734586	Hunsbury Ironstone Railway	TB
2005	SP720550	Grand Union Canal, Northampton	TB

Prefers sandy, peaty soil, which is scarce in the county. Torpe Manor Field does not provide those conditions.

***Scandix pecten-veneris* L., Shepherd's-needle**

GB red list: Critically endangered
England red list: Endangered
VC32: Scarce
Archaeophyte

Year	Grid Reference	Location	Recorder
2019	SP8433572831	Moorfield Lodge	BL
2019	SP8380071145	Redhouse Road, south of	BL
2018	SP6303166835	Long Buckby area	BL
2017	SP5261236523	Charlton	BL
2017	SP4905053003	Boddington Reservoir, near	BL
2015	TL008735	Raunds	BL
2005	SP481521	Lower Boddington	BL

An annual arable weed that needs the right conditions to germinate. Some sites are maintained for this species by BL.

***Schoenus nigricans* L., Black Bog-rush**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2016	TF0800	Sutton Heath and Bog	BL
2015	TF046036	RAF Wittering	BL
2015	TF0202	Whitewater Marsh, RAF Wittering	RW

Found only in the north of the county.

***Scleranthus annus* L., Annual Knawel**

GB red list: Endangered
England red list: Endangered
VC32: Scarce
Native.

Year	Grid Reference	Location	Recorder
2015	SP772715	Scaldwell	BL
2012	SP769718	Rectory Farm, Scaldwell	MD
2009	TF1103	Stamford Rd. / Heath Rd. / Ailsworth Rd. / King St. Verges CWS	CPERC
2008	TL1197	Nene Valley Railway CWS	CPERC
2008	TL089994	Sutton Meadows South	CPERC

An annual of dry, open, sandy ground.

***Serratula tinctoria* L., Saw-wort**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2013	SP87F	Hardwick Wood and Meadow	RD
2010	SP85X	Yardley Chase Old Pastures	GG
2009	SP739813	Brampton Triangular Meadow	HB
2008	SP96C	Irchester area	GG
2008	SP85H	Yardley Chase MoD	GG

This plant has not been seen for some time. It has a preference for calcareous grassland, and is found in South Lincs VC53, so worth keeping an eye for it.

***Silene gallica* L., Small-flowered catchfly**

GB red list: Endangered

England red list: Endangered

VC32: Rare

Archaeophyte

Year	Grid Reference	Location	Recorder
2019	SP7618359843	University of Northampton	BL

A population was found here in 2019, but has since disappeared.

***Silybum marianum* (L.) Gaertn., Milk Thistle**

GB red list: Least concern

England red list: Least concern

VC32: Scarce

Archaeophyte.



Year	Grid Reference	Location	Recorder
2019	SP951707	Irthingborough	JC
2019	TL09969864	Sutton	SL
2017	SK9893600556	Duddington	AF
2016	TF219034	Newborough	OM
2011	SP96J	Finedon Top Lodge quarry	RD
2010	TL0488	Oundle	NC
2005	SP741840	Brampton Valley Way	BL

Pops up from time to time, sometimes as a garden throw-out – at Duddington, it was seen on a mound of dumped soil.

Update: Still present at Irthingborough in 2020, and found at Ore Lane Industrial Estate, Corby, in 2021.

***Sison segetum* L., Corn Parsley**
Formerly *Petroselinum segetum*.

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native.



Year	Grid Reference	Location	Recorder
2019	SP5654135224	Parsons Spinney	BL
2019	SP493531	Boddington Reservoir	MA
2018	TF19000332	Gunthorpe	AF
2017	TL121994	A47 near Ailsworth	SL
2014	SP765634	Bradlaugh Fields	BL
2014	SP9516170997	Irthlingborough	BL
2014	TL1797	Nene Valley Railway CWS	CPERC

Pops up occasionally under hedges and in verges. A further site at RAF Croughton was found in 2020.

***Sium latifolium* L., Greater Water Parsnip**

GB red list: Endangered
England red list: Endangered
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2016	TL008829	Wadenhoe	BL
2010	SP99F	Priors Hall, Corby	RW

Only two locations at present, and the Prior's Hall location is imprecise – it may since have been built on.

***Sonchus palustris* L., Marsh Sow-thistle**

GB red list: Least concern
 England red list: Least concern
 VC32: Rare
 Native.

Year	Grid Reference	Location	Recorder
2014	SP936793	Cranford Wood	BL
2013	SP99747988	Thrapston	JM
2008	TL08Y	Ashton Wold	GG

Introduced at Cranford Wood and Ashton Wood; the status of the plant at the lake near Thrapston is unknown. It has also escaped from BL's garden!

***Sparganium natans* L., Least Bur-reed**

GB red list: Least concern
 England red list: Vulnerable
 VC32: Rare
 Native.

Year	Grid Reference	Location	Recorder
2017	TF119016	Castor Hanglands	PS

Only one site, in the pond at Castor Hanglands. It was thought to be extinct in the county until found here in 2008.

***Spergularia rubra* (L.) J.Presl & C.Presl, Sand Spurrey**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native.

Year	Grid Reference	Location	Recorder
2019	SP9066975619	Burton Latimer	BL
2018	SP9055566049	Irchester Country Park	BL
2018	SP760617	Northampton Racecourse	BL
2017	SP7278764123	Northamptonshire County Golf Club	BL
2017	SP71866397	Harlestone Firs	MD
2003	SP625563	Ramsden Corner plantation	
2000	SP618742	Winwick Bridge	GG

Prefers acidic, sandy soils so is understandably scarce in the county.

***Spiranthes spiralis* (L.) Chevall., Autumn Lady's-tresses**

GB red list: Near Threatened
England red list: Near Threatened
VC32: Rare
Native.



Year	Grid Reference	Location	Recorder
2018	SP47244104	Banbury	AF
2018	TF118031	Swaddywell Pit	SL

This has appeared regularly at Swaddywell since 2018. The plants at Banbury were in a mown verge and not flowering.

***Stachys arvensis* (L.) L., Field Woundwort**

GB red list: Near Threatened
England red list: Near Threatened
VC32: Scarce
Archaeophyte

Year	Grid Reference	Location	Recorder
2019	TL02039118	Short Wood	TV
2015	SP772715	Pitsford Reservoir, near	BL
2011	TF035041	Racecourse Road	RW
2010	TL0696	Nassington	NC
2006	TL070978	Yarwell	GG

Still found at a few sites but likely to be declining.

***Stellaria neglecta* Weihe, Greater Chickweed**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.



Year	Grid Reference	Location	Recorder
2010	TF00C	Easton on the Hill	GG

Grows in damp, shady places. Was thought to be extinct in VC32¹. Are we perhaps missing this species when recording? Worth keeping a lookout for the species.

***Stellaria palustris* Ehrh. ex Hoffm., Marsh Stitchwort**

GB red list: Vulnerable
 England red list: Vulnerable
 VC32: Rare
 Native.

Year	Grid Reference	Location	Recorder
2008	TF151092	Deeping Gate Meadows	GG
2002	TL022833	Achurch marsh	WTBCN

Always rare in the county. A large population was recorded at Deeping Gate Meadows in 2008. This needs updating.

***Stratiotes aloides* L., Water-soldier**

GB red list: Near Threatened
 England red list: Least concern
 VC32: Scarce
 Native or alien

Year	Grid Reference	Location	Recorder
2019	SP644807	Welford Pocket Park	RC
2019	SP9468869615	Irthingborough Lakes	TV
2017	TF119016	Castor Hanglands	PS
2016	SP622679	Long Buckby pocket park	BL
2009	SP88H	Pipewell	RW
2002	SP833654	Sywell Country Park	WTBCN
2002	SP889916	Brookfield Plantation	WTBCN

This aquatic species is sometimes planted in ponds.
 Update: Also found in a pond at Dodford in 2020.

***Teesdalia nudicaulis* (L.) W.T.Aiton, Shepherd's Cress**

GB red list: Near Threatened
 England red list: Near Threatened
 VC32: Rare (2 monads across 2 sites)
 Native.

Year	Grid Reference	Location	Recorder
2012	SP763650	Moulton Park area, Northampton	BL
2012	SP599679	Watford Gap services	BL

A small white member of the Brassicaceae, early flowering but easily identified later by the distinctive seed pods. It was thought to be extinct in the county¹, but two widely spaced records in 2012 have changed this status.

***Teucrium scorodonia* L., Wood Sage**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.



Year	Grid Reference	Location	Recorder
2019	SP7122763366	Harlestone Firs	BL
2019	TF0438100164	Bedford Purlieus	TV

This can grow in acid or alkaline conditions, but in VC32 is only found in acidic habitats, at various sites in Harlestone Firs and at Bedford Purlieus.

***Thymus pulegioides* L., Large Thyme**

GB red list: Least concern
England red list: Least concern
VC32: Rare
Native.

Year	Grid Reference	Location	Recorder
2014	TL1299	Clay and Cow Lanes CWS	CPERC
2001	TF004038	Collyweston Quarries	TW

This species appears to be spreading northwards so may become more common. Although seen at Collyweston Quarries in 2001, it can no longer be found despite much searching.

***Tilia platyphyllos* Scop., Large-leaved Lime**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native or planted.

Year	Grid Reference	Location	Recorder
2019	SP7476	Maidwell	AF
2017	TL156986	Bretton	SL
2014	TL112979	Ailsworth	SL
2013	TF1203	Stamford Rd. / Heath Rd. / Ailsworth Rd. / King St. Verges CWS	CPERC
2011	TL0498	Bedford Purlieus	NC
2011	SP78Y	Brampton Ash	RW
2009	TF0504	Ermine Street, near Burghley Park	DB
2004	SP820880	Wilbarston	GG

Many of these trees will have been planted.

***Torilis arvensis* (Huds.) Link, Spreading Hedge-parsley**

GB red list: Endangered
England red list: Endangered
VC32: Rare
Archaeophyte

Year	Grid Reference	Location	Recorder
2017	TL15679864	Bretton	SL
2009	TF193058	Newborough, near	JG
2009	SP588363	Brackley disused railway	TB

A rare weed of arable land.

***Trifolium ochroleucon* Huds., Sulphur Clover**

GB red list: Near Threatened
England red list: Vulnerable
VC32: Rare
Native.



Year	Grid Reference	Location	Recorder
2019	SP9686984219	Sudborough Green Lodge Meadow	PS

Now known from only one site in VC32.

***Trifolium subterraneum* L., Subterranean Clover**

GB red list: Least concern
 England red list: Least concern
 VC32: Scarce
 Native

Year	Grid Reference	Location	Recorder
2020	SP7956761076	Northampton, Museum Way	TV
2020	SP94226787	Rushden Lakes	TV
2019	SP7624459845	Northampton, University Waterside Campus	BL
2019	SP59626794	Watford	BL
2018	SP5837762844	Admirals Way, Daventry	BL

The first record for the county was made by BL in 2013 at Daventry. It has since been seen at 4 other sites, usually in mown verges.
 Updated 2022.

***Ulex minor* Roth, Dwarf Gorse**

GB red list: Least concern
 England red list: Least concern
 VC32: Rare
 Native

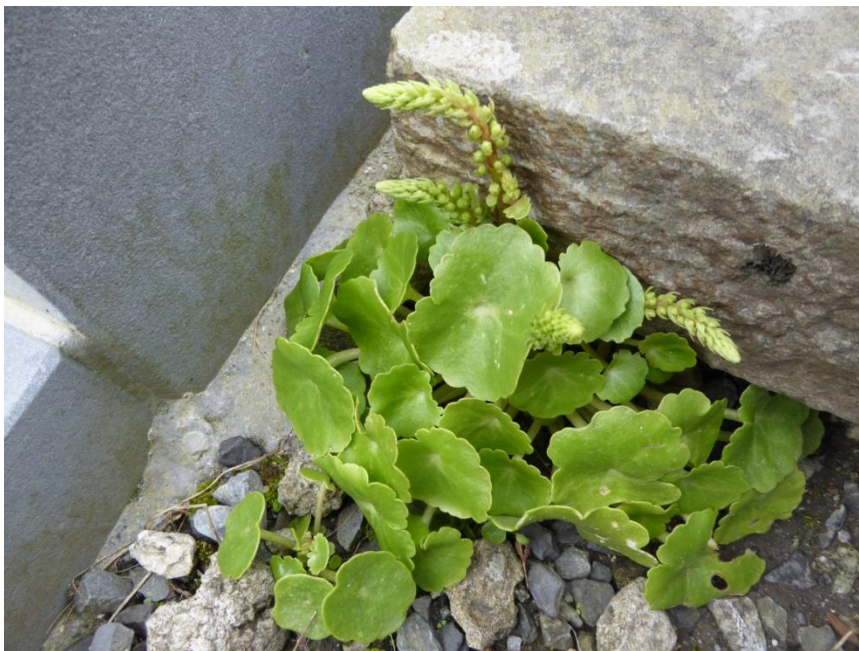


Year	Grid Reference	Location	Recorder
2020	SP718640	Harlestone Firs	MD

The only site for this is at Harlestone Firs, where it can be found in several locations.
Updated 2022.

***Umbilicus rupestris* (Salisb.) Dandy, Navelwort**

GB red list: Least concern
 England red list: Least concern
 VC32: Scarce
 Native



Year	Grid Reference	Location	Recorder
2019	SP7961342772	Cosgrove	BL
2019	SP587373	Brackley	CP
2019	SP631542	Litchborough	RC
2019	SP57775056	Canons Ashby	SBA
2016	SP542500	Eydon	BL
2016	SP535524	Hinton	BL
2016	SP644567	Upper Stowe	BL
2015	SP791697	Holcot	BL

A scarce plant, seen only in the south of the county and having a mainly western distribution in Britain. Where it is found, it is often on old walls.

***Valeriana dioica* L., Marsh Valerian**

GB red list: Least concern
England red list: Near Threatened
VC32: Not scarce
Native



Year	Grid Reference	Location	Recorder
2019	TF0800	Sutton Heath and Bog	JG
2019	TL0032380812	Aldwinckle Marsh	PS
2019	SP55Y	Everdon	RW
2019	TF119016	Castor Hanglands	SL
2016	TF029032	Whitewater Reservoir	BL
2016	SP673586	Bugbrooke Meadow	BL
2013	SP761768	Draughton	NFG
2012	TF1002	Southey Wood	JS
2012	SP6342	Syersham	MW
2011	TL008828	Wadenhoe Marsh and Achurch Meadow	NE

Found in a number of marshy places, this species no longer fits the definition of rare in the county.

***Valerianella dentata* (L.) Polich, Narrow-fruited Cornsalad**

GB red list: Endangered
England red list: Endangered
VC32: Rare
Archaeophyte

Year	Grid Reference	Location	Recorder
2013	SP88	Rothwell	RW
2009	TF05880477	Barnack	DB
2001	TF063044	Burghley Park	PP

***Verbascum lychnitis* L., White Mullein**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2015	SP78K	Arthingworth	RW
2010	SP686785	Naseby, near	RW
2008	SP521404	Farthinghoe Nature Reserve	GG
2007	SP903675	Rushden	RD

Native on calcareous sites, but may also be casual or escaped. Worth recording the flower colour as yellow ones are often from planted stock².

***Veronica scutellata* L., Marsh Speedwell**

GB red list: Least concern
England red list: Least concern
VC32: Scarce
Native

Year	Grid Reference	Location	Recorder
2015	TF10P	Deeping Gate Meadows	PS
2010	TF1905	Catchwater Drain CWS	CPERC
2010	SP684724	Hollowell Reservoir	GG
2008	SP5863	Daventry Reservoir	GG
2008	SP45W	Boddington Meadow area	GG
2004	TF2102	Dogsthorpe Star Pit	DB

Not many records for Marsh Speedwell, which is restricted to wetlands.

Update: A new record at Bugbrooke Meadow, SP5768, in 2020.

***Viola canina* L., Heath Dog Violet**

GB red list: Near threatened
England red list: Vulnerable
VC32: Rare
Native

Year	Grid Reference	Location	Recorder
2008	SP7163	Harlestone Firs	GG

Only one reliable site for this at Harlestone Firs. There is a record from Yardley Chase MoD, but the location does not match the grid reference unfortunately.

Update: It was re-found at Harlestone firs at SP71906396 by MD in 2020.