

The Flora of Staffordshire, 2011.

Update No. 1 (February, 2012).

Contents.

Corrigenda and Addenda.	Page 2
Additions and modifications relating to pre-1995 data.	Page 3
A list of further records of less common taxa up until the end of 2011.	Page 5
Map of the boundary of VC 39, showing where it does not coincide with administrative Staffordshire and the area covered by this <i>Flora</i> Please see the separate file on this website	
Map of the approximate number of taxa recorded per tetrad post-1994..... Please see the separate file on this website	

Corrigenda and Addenda.

- Page 1. That area which is in the administrative county, but not in VC 39, is not shown on the map. The most significant example of this is the Borough of Tamworth, which is in VC 38. A corrected version appears as a separate file on this website.
- Page 1, 2nd column, paragraph 10. There was additional financial support as a donation from the remaining funds of the North Staffordshire Field Club, following its winding up.
- Page 4. 2nd column, line 6. "that" should be "than".
- Page 4. 2nd column, 8 lines from bottom. "hybird" should be "hybrid".
- Page 62. 2nd column, line 5 of final paragraph. "parley" should be "parsley".
- Page 68. Column 1, paragraph 2, line 15. A second closing brackets is required after "segetum".
- Page 95. Column 2, paragraph 3, line 7. "account of county's flora" should read "account of the county's flora".
- Page 101. "Chairman of the Field Club & responsibility of the botanical records of the Field Club" should read "Chairman of the Botanical Section of the Field Club and responsibility for their botanical records".
- Page 104. A map showing the approximate numbers of taxa recorded per tetrad (post-1994) went astray at the publication stage. It has been recovered and appears as a separate file on this website.
- Page 105. Column 2, line 1. Edees *Flora* contains a very small number of records that were made as late as 1971 and these are included in the figures quoted for that publication.
- Page 136 *Fumaria bastardii*. The species account should read:

Fumaria bastardii Boreau Tall Ramping Fumitory
1 2005 Casual
Found and identified by P.D. Stanley in a front garden, Baswich Crescent, Stafford, SJ9422, with three more plants at the base of a wall, Baswich Lane, in the same monad, four years later. A specimen, at **STO**, collected by K. Goodway, from imported soil on waste ground outside the Biology Department Buildings, Keele University, SJ8045, in 1965, was originally thought to be this species. It has recently been re-determined, by IJH, as *F. officinalis*.

- Page 152 *Cerastium arvense*: site should be "Lichfield Cathedral Close" not "Cathedral Chase" as given.
- Page 155 *Silene nutans*: status should be **6** (5) not "**6** (3)".
- Page 158 *Persicaria minor*: should be "the shoreline of Knypersley Reservoir..." not "the shorelineof Knypersley Reservoir...".
- Page 180 *Cardamine bulbifera*: status should be **4** (2), not "**5** (2)".
- Page 199 *Saxifraga x urbium*: status is **37** (2) rather than as "**37** (1)".
- Page 215 *Rubus caesius*: grid reference for Shatterford is SO7980 not "SO7080".
- Page 216 *Potentilla recta*: status is **19** (2) rather than "**19** (1)".
- Page 216 *Potentilla neumanniana*: status should be **9** (5) not "**9** (6)".
- Page 238 *Ononis spinosa*: status should be **3** (2) not "**3** (1)".
- Page 247 *Epilobium x dacicum*: status of this hybrid should have been given as **1** (1) rather than just as "**1**".
- Page 265 *Impatiens parviflora*: status is **8** (2) rather than "**8** (1)".
- Page 270 *Bupleurum rotundifolium*: status is **1** (0) rather than just "**1**".
- Page 271 *Sison amonum*: status is **4** (4) not "**4** (3)".
- Page 278 *Nymphoides peltata*: status is **57** (2) rather than "**57**(1)".
- Page 280 *Lithospermum arvense*: "The Lithospermum appeared..." should be "The *Lithospermum* appeared...".
- Page 286 *Galeopsis angustifolia*: "M.H.Bigwood" should be "M.H. Bigwood".

Page 292 *Callitriche obtusangula*: status is **17** (2) rather than “**17** (3)”.

Page 293 *Littorella uniflora*: status is **13** (2) rather than “**13** (1)”.

Page 295 *Verbascum blattaria*: status is **4** (1) rather than “**4** (2)” as given.

Page 297 *Mimulus moschatus*: text should read "Cuckoostones" not "Cuckoost ones"; also "from the previous site" rather than "from the porevious site".

Page 304 *Orobanche rapum-genistae*: status should be **2** (0) not “**1** (0)”; also "1851 list..." rather than "1951 list...".

Page 304 *Pinguicula vulgaris*: status should be **1** (3) not “**1**(3)”.

Page 343 *Petasites albus*: status should have been given as **6** (4) and not as “**6** (3)”.

Page 344 *Helianthus petiolaris*: status should be **3** not “**3** (3)”.

Page 350 *Potamogeton filiformis*: first record was in 1892 not “1893”.

Page 354 *Juncus subnodulosus*: status is **8** (2) rather than “**8** (1)”

Page 359 *Carex divulsa*: status is **7** (5) rather than “**7** (2)”.

Page 376 *Bromus hordeaceus ssp. divaricatus*: status should be (*1) not “(1)”.

Page 365 *Festuca altissima*: status should be **3** (1) and not “**3**(1)” as given.

Page 379 *Hordelymus europaeus*: status is **2** (3) and not “**2** (1)”.

Page 385 *Tulipa sylvestris*: text should read "during the 20th Century..." and not as given "during the20th Century...".

Page 396 *Coeloglossum viride*: status is **6** (7) not “**5** (7)”.

Page 399 *Ophrys apifera*: "Var trollii" should read "**Var. trollii**".

Page 412 “*Pinguicula vulgaris* 305” should be in bold type.

Additions and modifications relating to pre-1995 data.

Ian Hopkins has been further researching pre-1930 records and consequently adds the following information.

The Edees paper *Staffordshire Additions to the Comital Flora* appeared in the *Report of the Botanical Exchange Club* for 1941-42. It seems very strange that Edees did not see fit to reference it in the index for his *Flora*!

Going through that particular Edees paper, and the old documents and material referenced in that work of which I have copies, I find the following that would seem perhaps to require correction or comment with reference to the new *The Flora of Staffordshire*:

Page 124 *Aristolochia clematitis* L. Birthwort

The family *Aristolochiaceae* is not included in the new *Flora*. However, Garner (1878) mentions *Aristolochia clematatis* as growing in an old garden at Wolstanton (presumably as a relic) and this entry should now be added.

Page 125 *Nuphar* spp.

In his 1878 paper entitled *The Staffordshire Flora*, Garner also mentions a claim of "*Nymphaea rubra*, warm engine pit at Newcastle". He also refers to "*Nuphar kalmiana*" being present in a pool at Madeley. Presumably the latter taxon was introduced (along with *Stratiotes aloides*) by T.W. Daltry and persisted for a few years. What he actually meant by "*Nuphar kalmiana*" in the absence of herbarium material must remain a mystery: it could have been *Nuphar pumila*, *Nuphar* x *spenneriana*, or the alien *Nuphar advena*, Spatterdock.

Page 183 *Camelina sativa*

An earlier record for this certainly exists: Dickenson in Shaw (1798), as *Moenchia sativa*. "Blymhill, amongst flax".

Page 203 *Rubus saxatilis*

An earlier first record than 1871 is known, if what Garner (1844) wrote about it is accepted: "Flowers greenish. Abundant on broken limestone in the valleys of the Hamps and Manyfold. Fruit red". Given the extreme likelihood of there being many more open rocky places and very different grazing or scrub/woodland management regimes then than now (backed up by what Garner wrote about his visit to this area c.1832 with two companions as later described in his later *Holiday Excursions of a Naturalist* (1867)), I find it very difficult to reject this claim. I'm surprised Edees passed over it for his *Flora* when, for example, he was happy to include Garner's claim for *Antennaria dioica* from the Wetton Valley. Similarly, he also failed to include Garner's claim for *Melica nutans*.

Page 218 *Sanguisorba minor ssp. muricata*

There must be considerable doubt that Pitt actually saw this taxon in the wild in 1794.

Page 225 *Prunus cerasus*

Garner (1844) certainly cannot be relied on here despite his use of the specific name. He makes no mention of *P. avium* at all!

Page 252 *Buxus sempervirens*

Brown in Mosley (1863) might be an earlier reference: "It grows freely in plantations, but it is not indigenous to the district". However, Brown's "area" extended well into Derbyshire, and the only record quoted is for Gopsall (Derbyshire) on the authority of Andrew Bloxam.

Page 257 *Staphylea pinnata*

Brown in Moseley (1863) would be an earlier reference (but see the preceding comment): "May sometimes be found self-established in hedge-rows".

Page 266 *Astrantia major*

An earlier record exists: for Burton, by RC, given in BEC 1926 Report (1927).

Page 272 *Caucalis platycarpos*

An additional record exists: for Burton, by GCD, given in BEC 1928 Report (1929).

Page 342 *Senecio viscosus*

There is an earlier record, but only if one believes Garner (1844): "Flowers yellow. Common. Stoke". Bagnall (1901) stated that he had never seen it in Staffordshire, but he admittedly spent rather little of his time in the north of the county, whilst Ridge subsequently remarked that "common" seemed hardly the case in his day, and only gave a couple of records in his *The Flora of North Staffordshire* (1922-29). In his *Flora*, Edees indicates his belief that Garner was mistaken, yet as a centre of a railway network with coal workings in the area, Stoke is a place where this species might perhaps have been expected to turn up quite early on. It remains a puzzle!

Page 350 *Potamogeton filiformis*

As noted in the text, this is a likely mistake (and was considered so by Edees), but the supposed finders were J.R.B. Masefield and S. Bostock, and the report appeared in TNSFC for 1891-92.

Page 353 *Juncus compressus*

Claimed by Garner (1844) as "common", but he was no doubt mistaken. His only localised record was for "*Var Bothnicus*" at Kingston Pool, which would certainly have been *J. gerardii* as confirmed by later workers.

Page 389 *Leucojum vernum*

A record for "Dovedale, North Staffordshire Naturalists Field Club, but I fear there is some error " was quoted by Garner (1878), but this was included by Edees only in an "Appendix of Supposed Errors" in *Staffordshire Additions to the Comital Flora*. It would seem to be a very doubtful claim.

Page 397 *Dactylorhiza incarnata*

Edees *Flora* only mentions the 1954 record for this species from Loynton Moss. The Stanton site for ssp. *pulchella* found by G.J.V. Bemrose in 1932, and from where plants were seen and collected by Edees himself in 1938 is not mentioned in his *Flora* although the records were given in TNSFC, and mentioned in Edees' 1967 Presidential address to the Field Club entitled *The Wild Orchids of Staffordshire*. The status "1 (2)" instead of 1 (1) in the new *Flora* thus reflects Edees' acceptance of the Stanton records, rather than the actual information given in his *Flora*.

A list of further records of less common taxa up until the end of 2011.

During the latter days of preparing the *Flora* it was possible to add records of the rarer taxa (recorded in fewer than about 40 tetrads) made in the first half of 2011. The following treatment adds all additional records of taxa, previously recorded for fewer than 150 tetrads, accumulated up until the end of 2011.

- Page 115 *Polystichum setiferum* SJ85H, SJ9234
Page 125 *Helleborus foetidus* SJ8649
Page 128 *Ranunculus auricomus* SJ8939, SJ9026, SJ9234, SK1545
Page 128 *Ranunculus lingua* SJ8652, SJ8855
Page 130 *Ranunculus aquatilis* SJ7951, SJ85G
Page 133 *Berberis darwinii* SJ9152
Page 133 *Papaver pseudoorientale* SJ8553
Page 139 *Cannabis sativa* SJ75W
Page 140 *Parietaria judaica* SK0539
Page 140 *Soleirolia soleirolii* SJ8959
Page 145 *Chenopodium bonus-henricus* SJ8644
Page 146 *Chenopodium ficifolium* SJ8644
Page 151 *Stellaria neglecta* SK1039, SK1545
Page 154 *Spergularia marina* SJ8657
Page 154 *Spergularia rubra* SO8297
Page 154 *Agrostemma githago* SJ8852
Page 156 *Saponaria officinalis* SJ8550, SJ8858
Page 158 *Persicaria capitata* SJ8654
Page 158 *Fagopyrum esculentum* SJ8654, SO8792
Page 160 *Rumex alpinus* SK0053
Page 161 *Rumex cristatus* Still present at its Castletown site, SJ9123, in 2011
Page 162 *Rumex maritimus* SJ8550, SJ9026
Page 163 *Hypericum androsaemum* SJ8836
Page 164 *Hypericum hirsutum* SJ9234
Page 165 *Tilia platyphyllos* SJ8353
Page 165 *Tilia tomentosa* A mature tree, Shugborough Estate, SJ9921,
J. Woodward, 2007; south end of Bathpool Park SJ85K, SRH, 2007

- Page 166 *Tilia 'Petiolaris'* About 30 trees planted around the edge of The Green, Coalpit Hill, Talke Pits, SJ8253, SRH, 2010
- Page 166 *Malva parviflora* Five, as weeds in a flower bed, High Street, Burton, SK2422, MES, 2011
- Page 166 *Malva pusilla* About ten plants in a rose bed, Burton Day Centre, Byrkley Street/Waterloo Street, SK2423, MES, 2011. Known there since c. 2008, but previously weeded out before flowering.
- Page 167 *Malva neglecta* SJ8254
- Page 168 *Viola odorata* SO8383
- Page 176 *Salix aurita* SK1161
- Page 177 *Sisymbrium altissimum* SK2524
- Page 178 *Erysimum cheiranthoides* SJ8352
- Page 182 *Aubrieta deltoidea* SJ9054
- Page 188 *Rapistrum rugosum* SJ8352
- Page 190 *Gaultheria mucronata* Birchenwood Park, Goldenhill, SJ8454, SRH, 2010
- Page 191 *Vaccinium myrtillus* x *vitis-idaea* (*V. x intermedium*) SK0407
- Page 192 *Monotropa hypopitys* Under mature *Salix caprea*, on the bank of a pool, SJ8249; also many more to the south, at the site of the previous iron works, Apedale, SJ8248, where it was recorded in the mid-1980s: both IJH, 2011
- Page 193 *Cyclamen hederifolium* SJ8651
- Page 194 *Cyclamen coum* In the woodland strip along the bottom of Birchenwood Road, Packmoor, SJ8653, SRH, 2011
- Page 195 *Philadelphus x virginalis* (*P. coronarius* x *microphyllus* x *pubescens*) SJ8756
- Page 196 *Ribes nigrum* SJ8048, SJ8254, SJ9053, SK03P
- Page 196 *Ribes sanguineum* SJ8045, SJ8051, SJ8556
- Page 197 *Crassula helmsii* SJ83Y
- Page 198 *Sedum telephium* Still present at its Betley site, SJ7448, JEH, 2011
- Page 200 *Saxifraga tridactylites* SK2324
- Page 200 *Tellima grandiflora* SJ8045
- Page 202 *Spiraea x arguta* A probable garden throw-out, by a level crossing, west of Abbey Hulton, SJ9045, SRH, 2011
- Page 203 *Rubus chamaemorus* Still present at its only Staffordshire site, SK0267, IJH, 2011
- Page 215 *Potentilla fruticosa* SJ8648, SJ8254
- Page 219 *Alchemilla xanthochlora* SJ9362
- Page 220 *Rosa multiflora* SJ8354
- Page 220 *Rosa pimpinellifolia* SJ8354
- Page 228 *Sorbus croceocarpa* Amenity plantings in SJ84T, U, Y & Z; SJ85B, C, F, G, H, K, L, Q, R, T & U
- Page 228 *Sorbus latifolia* Amenity plantings in SJ84T, W, X, Y & Z; SJ85G
- Page 228 *Sorbus torminalis* SJ8746, SJ8942, SJ9042
- Page 229 *Cotoneaster frigidus* x *salicifolius* (*C. x watereri*) SJ9856
- Page 229 *Cotoneaster dammeri* SJ8254
- Page 230 *Cotoneaster horizontalis* s.s. SJ95B
- Page 230 *Cotoneaster hjelmqvistii* SJ85G
- Page 230 *Cotoneaster rehderi* SJ7548, SJ8757, SJ8859
- Page 231 *Cotoneaster sternianus* SJ8220, SK0539
- Page 232 *Crataegus laevigata* SJ9234, SK1110
- Page 232 *Robinia pseudoacacia* SJ9044
- Page 233 *Onobrychis viciifolia* SJ85R, SJ9023
- Page 236 *Vicia faba* SJ85G

- Page 237 *Lathyrus linifolius* SK2200
- Page 237 *Lathyrus grandiflorus* SJ8754
- Page 237 *Lathyrus sylvestris* SK2200
- Page 237 *Lathyrus latifolius* SJ7948
- Page 239 *Melilotus albus* SJ85B
- Page 242 *Trifolium striatum* SO9686
- Page 245 *Elaeagnus umbellata* New Vice County record: see end of this list
- Page 246 *Lythrum salicaria* SP2099
- Page 248 *Epilobium tetragonum* SJ8936
- Page 248 *Epilobium roseum* SJ83Y
- Page 251 *Aucuba japonica* SJ8848
- Page 253 *Euphorbia lathyris* SJ8836
- Page 256 *Linum usitatissimum* SJ8354, SJ8955
- Page 260 *Oxalis exilis* SK0724
- Page 262 *Geranium sanguineum* SJ8649
- Page 264 *Impatiens capensis* SK2103
- Page 265 *Hedera colchica* SJ7949
- Page 266 *Hydrocotyle vulgaris* SK0407
- Page 272 *Heracleum mantegazzianum* SJ7948
- Page 274 *Vinca minor* SJ9049, SJ9948
- Page 274 *Vinca major* SJ8758
- Page 274 *Lycium barbarum* SJ9222
- Page 275 *Physalis alkekengi* Garden escape, wall base, Back Lane,
Hill Top, Brown Edge, SJ9054, SRH, 2011
- Page 275 *Physalis philadelphica* New Vice County record: see end of this list
- Page 275 *Lycopersicon esculentum* SJ85H
- Page 276 *Solanum chenopodioides* New Vice County record: see end of this
list
- Page 277 *Calystegia sepium* x *silvatica* (*C.* x *lucana*) SJ8354
- Page 278 *Menyanthes trifoliata* SJ8551, SJ8554, SJ9652
- Page 278 *Nymphoides peltata* SK04E
- Page 280 *Pulmonaria officinalis* SJ8553, SJ8653, SJ8754
- Page 281 *Symphytum grandiflorum* SJ8354
- Page 282 *Borago officinalis* SJ8141
- Page 284 *Stachys palustris* x *sylvatica* (*S.* x *ambigua*) SK2328
- Page 288 *Clinopodium ascendens* Garden escape, by the western gatepost of
Biddulph Grange Gardens, SJ8959, SRH, 2011
- Page 288 *Origanum vulgare* SJ8649
- Page 289 *Mentha arvensis* SJ8955
- Page 293 *Plantago coronopus* SJ8350, SJ9025
- Page 294 *Forsythia suspensa* x *viridissima* (*F.* x *intermedia*) SJ8149,
SJ8253, SJ8651
- Page 295 *Verbascum blattaria* A single plant on a bank bordering the car park
of Servosteel, Dudley, B. Laney, conf. P.D. Stanley, SO9289, 2011
- Page 296 *Verbascum nigrum* SJ8836
- Page 297 *Mimulus guttatus* SJ8753
- Page 297 *Antirrhinum majus* SJ8254
- Page 303 *Pedicularis palustris* Still present near Spout Farm, SK0860, IJH,
2011
- Page 306 *Campanula persicifolia* SJ9053
- Page 307 *Lobelia erinus* SJ8254
- Page 310 *Sambucus racemosa* SJ7951, SJ7953
- Page 311 *Viburnum lantana* SJ84T, SJ84X, SJ84Z, SJ8254, SJ85K, SJ85L,
SJ85Q, SJ85S

- Page 311 *Viburnum rhytidophyllum* Three self-sown, scattered plants along the line of the Trent & Mersey Canal, Etruria, SJ8647, SRH, 2011
- Page 312 *Leycesteria formosa* SJ8551, SJ9053, SJ9054
- Page 312 *Weigela florida* In three places west of Stonebank Wood, Goldenhill, SJ8553, SRH, 2010
- Page 312 *Lonicera pileata* SJ8746, SJ9922
- Page 312 *Lonicera nitida* SJ8453, SJ8653, SK0638
- Page 313 *Valerianella locusta* SK1139
- Page 313 *Valerianella carinata* SK1039
- Page 315 *Knautia macedonica* New Vice County record: see end of this list
- Page 319 *Centaurea cyanus* SJ85W
- Page 320 *Cichorium intybus* SJ85G
- Page 321 *Picris echioides* SJ8842, SP1998
- Page 322 *Lactuca virosa* SK1929
- Page 322 *Cicerbita macrophylla* SK0751, SK0814
- Page 329 *Pilosella peleteriana* ssp. *tenuiscapa* Still present at Wetton Mill, SK0956, IJH, 2011
- Page 336 *Erigeron annuus* New Vice County record: see end of this list
- Page 336 *Erigeron acer* SJ85H, SO8596
- Page 337 *Olearia avicenniifolia* x *moschata* (*O.* x *haastii*) Western end of woodland strip, south side of Linley Road, Talke, SJ8253, SRH, 2011
- Page 339 *Chrysanthemum segetum* SK1016
- Page 339 *Mauranthemum paludosum* New Vice County record: see end of this list
- Page 340 *Cotula coronopifolia* 21 shoots, edge of River Sow, Doxey Marshes, SJ9124, IJH & MFG, 2011
- Page 341 *Senecio erucifolius* SJ8254
- Page 343 *Petasites fragrans* SJ8843
- Page 343 *Ambrosia artemisiifolia* SJ8750, SJ8959
- Page 344 *Guizotia abyssinica* SJ85G, SK1109
- Page 344 *Helianthus annuus* SJ9856
- Page 344 *Galinsoga quadriradiata* SJ7831
- Page 345 *Bidens cernua* SJ92D
- Page 345 *Bidens tripartita* SJ9026
- Page 346 *Eupatorium cannabinum* SJ85H
- Page 346 *Sagittaria sagittifolia* SJ8050, SJ8551, SO7582
- Page 347 *Stratiotes aloides* SJ8551
- Page 348 *Lagarosiphon major* SJ8050
- Page 351 *Acorus calamus* SK13E
- Page 356 *Eleocharis quinqueflora* Still in Oldacre Valley, SJ9718, T. Holland, 2011
- Page 357 *Scirpus sylvaticus* SJ92C, SK0048
- Page 357 *Schoenoplectus tabernaemontani* SJ92C
- Page 357 *Isolepis setacea* SK0414
- Page 358 *Cyperus longus* SJ7948
- Page 359 *Carex spicata* SK0749
- Page 359 *Carex disticha* SJ9026
- Page 360 *Carex curta* SK0407, SK0830
- Page 361 *Carex pseudocyperus* SJ92C
- Page 361 *Carex strigosa* SJ9234
- Page 366 *Festuca filiformis* Acid grassland, close to western edge of Penn Golf Course, SO8994, ICT, 2011

- Page 366 *Festuca pratensis* x *Lolium perenne* (X *Festulolium loliaceum*)
SK1158
- Page 373 *Phalaris canariensis* SK85G
- Page 380 *Cortaderia selloana* SJ8349
- Page 382 *Setaria viridis* SJ8354
- Page 384 *Hemerocallis fulva* On an island, Minnie Lake, Halmer End, SJ7948,
SRH, 2011
- Page 385 *Fritillaria meleagris* SO8199
- Page 385 *Lilium pyrenaicum* A clump with 50 shoots, A52 verge between
Thorswood and Rue Hill, SK1047, IJH, 2011
- Page 386 *Polygonatum multiflorum* x *odoratum* (*P. x hybridum*) SJ8041
- Page 387 *Muscari armeniacum* SJ8051, SJ85G, SK1544
- Page 396 *Gymnadenia conopsea* SJ8852
- Page 398 *Dactylorhiza praetermissa* SK1039
- Page 399 *Ophrys apifera* SJ8684

Elaeagnus umbellata Thunb. Elaeagnus
1 2011 Neophyte
Seven plants of varying size scattered along the Greenway, possibly originating from a standard in the adjacent Tunstall Park, SJ8651, SRH.

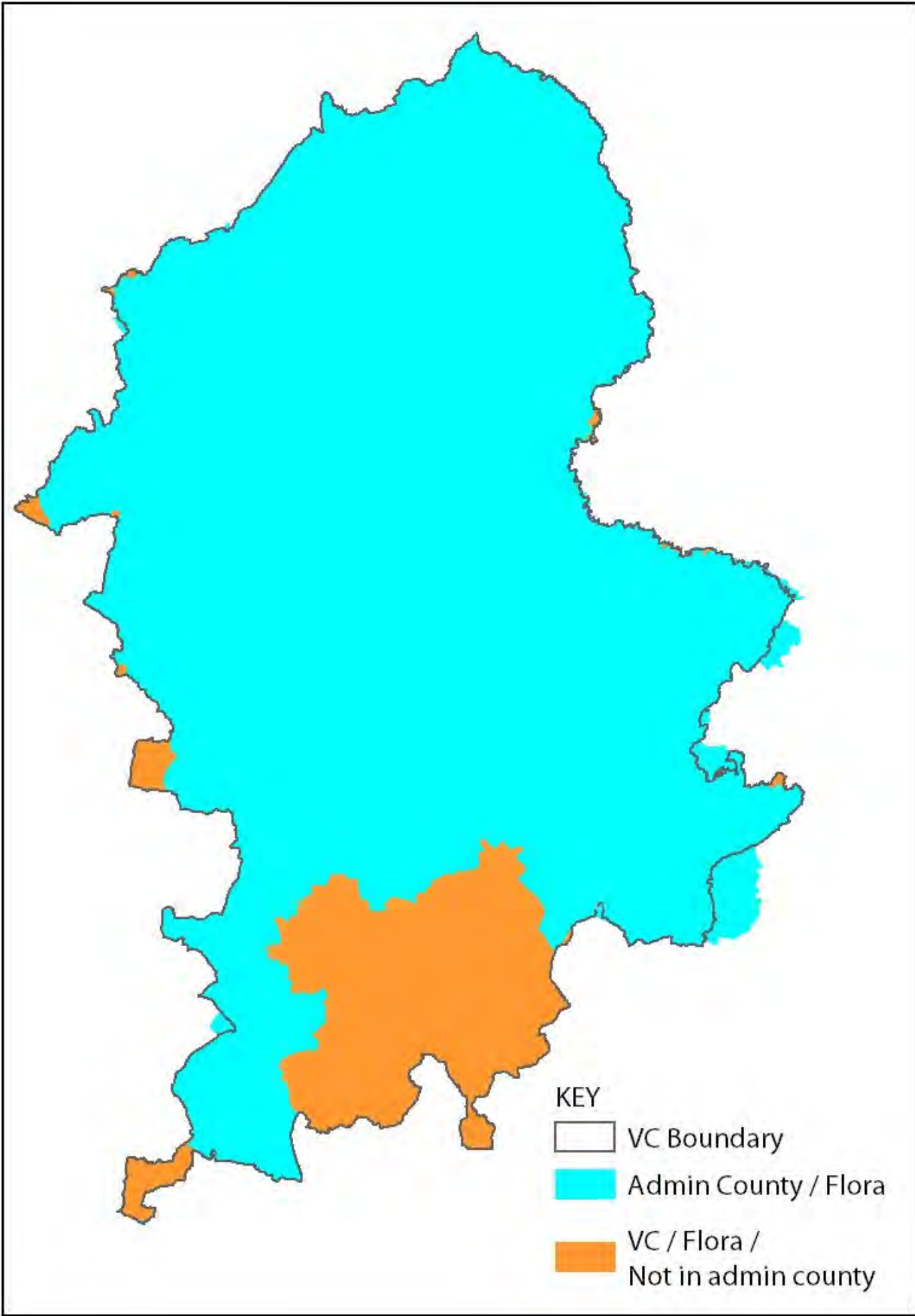
Physalis philadelphica Lam. Large-flowered Tomatillo
1 2011 Casual
In a strawberry bed mulched with compost provided by Stafford Borough Council, Cotonfields Allotments, Stafford, SJ9223, J.Gale, det. GMK.

Solanum chenopodioides Lam. Tall Nightshade
1 2011 Casual
30 or 40 plants on the perimeter of a field, Trysull, SO8593, A. Ferguson, conf. CBW& ICT.

Knautia macedonica Griseb. Knautia, Red Scabious
1 2011 Neophyte
Established on waste ground at southern end of Christchurch Street, Fenton, SJ8944, SRH.

Erigeron annuus (L.) Pers. Tall Fleabane
1 2011 Neophyte
Several plants at edge of the grounds of an old ironworks, bank of River Stour, SO8984, APD.

Mauranthemum paludosum (Poir.) Vogt & Oberprieler Annual Marguerite
1 2004 Neophyte
In paving cracks and at foot of brickwork, small front garden, Poplar Road, Bearwood, possibly originating from a hanging basket, SP0286, MWP, det. EJC.



<i>Tetrad Totals</i>																																											
7				8				9				0				1				2																							
												183	243	125	17																												
SJ								155	180	289	281	257	246	95					SK																								
								170	0	137	267	227	272	261	260	229	239	161																									
6								131	280	268	331	284	253	225	233	268	274	236	230	12					6																		
								96	239	250	302	274	254	272	245	227	229	243	258	241	111																						
								264	331	256	255	242	266	256	272	262	326	245	297	262	228																						
								183	260	328	251	327	355	319	327	252	251	223	247	322	275	229	199																				
								27	105	355	326	267	309	280	303	336	368	289	311	292	269	228	334	282	313	205																	
								87	291	324	439	350	319	330	302	388	401	340	307	292	244	291	267	259	249	236	249																
5								64	293	325	289	299	412	439	273	287	393	350	316	293	308	324	296	287	342	336	253	301	211					5									
								72	312	290	337	400	401	313	324	294	357	266	271	255	296	303	379	278	332	268	251	265	260	81													
								325	326	395	373	379	332	349	437	265	331	298	248	276	267	384	250	296	334	322	388	265	13														
								319	290	349	356	301	313	309	468	328	336	288	281	270	259	369	365	328	327	263	300	334	43														
								272	287	315	335	330	370	292	363	287	288	339	314	404	273	253	324	342	243	242	293	76															
4								147	276	324	320	315	276	417	407	310	291	296	315	254	300	334	295	289	261	266	260					4											
								155	260	291	253	301	294	264	342	393	365	271	306	253	253	300	246	270	291	293	244	255															
								147	294	374	341	265	301	238	354	262	335	384	295	272	270	251	249	322	280	289	325	292	148														
								254	266	302	362	269	304	243	231	260	295	355	321	302	247	252	265	304	305	305	319	328	199														
								184	212	349	387	315	294	235	225	235	342	265	276	381	290	306	245	230	236	223	272	336	392	278	64												
3								135	133	27	210	294	256	240	214	224	241	232	304	383	281	274	283	198	236	252	271	301	317	302	330	186					3						
								149	233	254	279	277	281	321	243	247	261	285	306	253	271	231	250	260	281	292	302	316	311	324	335	339	241	226									
								181	309	245	247	254	281	228	265	326	300	345	248	251	306	301	242	229	202	188	257	224	190	304	287	281	309	335	301								
								155	196	239	308	273	288	287	281	418	360	349	346	258	316	232	208	257	238	242	238	275	278	256	312	265	281	347	229								
								188	270	338	328	261	252	324	307	459	334	280	246	245	285	238	222	235	236	221	277	251	245	230	297	347	420	335									
2								337	346	407	475	403	314	314	302	285	374	356	285	318	403	244	332	281	262	226	294	317	256	313	375	331	220	198					2				
								139	334	396	314	297	332	304	245	253	321	268	376	213	242	352	347	205	262	226	303	351	260	298	333	97											
								100	291	278	283	259	240	226	284	293	240	272	234	247	280	372	272	304	365	360	296	296	290	198													
								258	225	214	228	247	259	296	287	382	295	261	264	221	259	320	282	249	334	236	243	303	280	128	77												
								98	241	273	235	231	286	246	269	279	330	292	277	231	378	344	300	235	248	283	292	316	282	255	237	177											
1								65	150	203	253	209	209	290	242	309	324	327	324	276	259	307	234	230	263	330	306	245	271	253	317	247	238	192	45					1			
								102	148	132	247	298	293	315	284	285	306	307	270	398	268	227	237	448	333	248	250	285	206	157	201	94											
								65	312	264	260	274	273	283	280	263	275	426	362	232	250	224	233	229	230	314	233	251	145														
								48	323	304	249	268	254	258	288	280	299	316	372	242	213	255	220	209	373	302	359	341	301														
								213	318	312	341	321	281	269	280	323	320	326	355	278	209	206	244	249	277	260	401	252	250														
0								182	172	248	257	311	409	384	283	304	308	406	286	286	278	258	237	227	163	215	229	255	414	319	197					0							
								184	265	248	321	373	345	440	328	374	268	376	386	297	283	240	171	19	129	56	176	172	71														
								104	274	316	404	426	429	292	363	334	356	320	356	239	312	182																					
								114	291	335	325	410	411	321	381	351	308	260	336	305	313	275																					
								94	259	424	666	458	396	338	377	326	277	360	402	344	328	148																					
9								248	268	328	470	501	405	327	297	309	336	349	414	294	290					9																	
								225	246	283	263	417	471	523	455	359	295	204	277	279	155	195																					
SO								308	292	299	260	311	508	332	486	298	323	9	167	154					SP																		
								247	338	382	470	424	348	250	316	255	157	290																									
								145	131	334	326	270	301	287	173	119	163																										
8								221	352	330	175	17	156	226	210																												
								366	345																																		
								79	208																																		
7				8				9				0				1				2																							