

The Flora of Staffordshire, 2011.

Update No. 7 (April, 2018)

Arrival dates.

**First dates (sometimes estimated) for significantly spreading neophytes
(excluding hybrids and non-aquatic garden throw-outs).**

1800 Plantago coronopusØ
Conyza canadensis

1810

1820

1830

Lepidium didymus

1840

1850 Elodea canadensis

1860

Veronica persica; Chenopodium rubrum¶

1870

1880

1890 Impatiens glandulifera

- 1900** Lepidium draba
- 1910**
- 1920** Senecio viscosus
Fallopia japonica; Senecio squalidus; Juncus tenuis
Hirschfeldia incana; Panicum miliaceum†
- 1930**
Epilobium ciliatum
Galinsoga parviflora
- 1940** Lactuca serriola; Impatiens capensis
Helminthotheca echioides
- 1950**
Veronica filiformis§; Epilobium brunnescens; Bidens frondosa
- 1960**
Senecio inaequidens
Azolla filiculoides; Galinsoga quadriradiata
- 1970**
Crepis biennis
- 1980** Crepis vesicaria
Elodea nuttallii; Echinochloa crus-galli†; Setaria viridis†; Cochlearia danica‡
Ceratachloa carinata†; Crassula helmsii[¶]
Anisantha diandra†; Setaria pumila†
- 1990** Lagarosiphon major; Myriophyllum aquaticum; Lactuca virosa⌘
Puccinellia distans*; Spergularia marina*
Lemna minuta; Solanum physalifolium
- 2000** Hydrocotyle ranunculoides; Conyza sumatrensis
Bidens connata; Bromus secalinus†; Atriplex littoralis
Polypogon viridis[¶]; Conyza floribunda

* = records on roadsides (seen earlier on salt marshes).

‡ = now spreading on roadsides (formerly occasionally on railways from 1948).

¶ = actually a native, which did not spread rapidly until after about 1985.

∅ = another native, originally of sandy heaths, but rapidly spreading on roadsides from c. 2001.

† = casuals, spreading their range. § = probably once grown in gardens.

[¶] = spreading on shallow water situations in the wild (first seen in a garden pond in 1968).

⌘ = now spreading on roadsides/waste ground (occasionally seen in various habitats as far back as c. 1798).

[¶] = earlier a grain alien at Burton (1928 & 1940).

Timeline of Extinctions.

**Last dates (sometimes estimated) for natives and archaeophytes
(excluding hybrids).**

1810 *Draba incana*

1820

1830

Rosa spinosissima; *Campanula glomerata*

1840

Lycopodiella inundata; *Antennaria dioica*
Dianthus armeria

1850

1860

Myriophyllum verticillatum
Wahlenbergia hederacea

1870

Torilis arvensis
Huperzia selago

1880

Eriophorum latifolium
Dryopteris cristata

1890

Ranunculus baudotii
Oenanthe fluviatilis; *Sparganium natans*
Arabis glabra; *Lolium temulentum*

- 1900 *Sagina subulata*; *Petroselinum segetum*; *Groenlandia densa*
- Orchis ustulata*
- 1910 *Euphrasia micrantha*; *Eleocharis multicaulis*; *Campanula rapunculus*
Mentha pulegium
Centaurea cyanus
Drosera intermedia
- 1920
Elatine hydropiper
- Puccinellia rupestris*
- 1930 *Torilis nodosa*
- Hymenophyllum tunbrigense*
- 1940
- Minuartia hybrida*; *Agrostemma githago*
Valerianella dentata
- 1950 *Scandix pecten-veneris*
Silene gallica; *Erodium maritimum*
Utricularia vulgaris; *Polygonatum odoratum*
Carex diandra
- 1960
Blysmus compressus
- Chamaemelum nobile*; *Carex dioica*; *Colchicum autumnale*
- 1970 *Drosera anglica*
Daphne mezereum; *Ophrys insectifera*
Rosa micrantha
- 1980 *Genista anglica*; *Potamogeton praelongus*
Teesdalia nudicaulis; *Baldellia ranunculoides*; *Moenchia erecta*
Melica nutans; *Papaver hybridum*; *Legousia hybrida*; *Puccinellia maritima*
Rumex longifolius; *Epipactis palustris*
- 1990 *Pilularia globulifera*; *Campanula patula*
- Kickxia elatine*
- 2000 *Gentianella campestris*

(The situation regarding some other species is unclear and they have not been included:

Asplenium viride, *Briza minor*, *Carex lasiocarpa*, *C. limosa*, *Hammarbya paludosa*,
Hymenophyllum wilsonii, *Kickxia spuria*, *Potamogeton gramineus*, *Rosa rubiginosa*, *Silene conica*,
Spiranthes spiralis, *Thalictrum minus*; *Valerianella rimosa*).