Data Article

A comprehensive dataset on cultivated and spontaneously growing vascular plants in urban gardens

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Abstract

This article summarizes the data of a survey of vascular plants in 85 urban gardens of the city of Zurich, Switzerland. Data was acquired by two sampling methods: (i) a floristic inventory of entire garden lots based on repeated garden visits, including all vegetation periods; and (ii) vegetation relevés on two plots of standardized size (10 m²) per garden during the summer. We identified a total of 1081 taxa and report the origin status, i.e., whether a taxon is considered native or alien to Switzerland. Furthermore, the origin of a plant or garden population was estimated for each taxon and garden: each taxon in each garden was classified as being either cultivated or spontaneously growing. For each garden, the number of all native, cultivated, and spontaneously growing plant species is given, along with additional information, including garden area, garden type and the landscape-scale proportion of impermeable surface within a 500-m radius. The dataset is related to the research note entitled “Research Note: Self-reported habitat heterogeneity predicts plant species richness in urban gardens” [1]. It is also linked to a comprehensive dataset on biotic and abiotic soil data and as well as to a dataset on soil-surface dwelling and flying arthropods [2–6].

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1. Data

This article presents data of a survey of vascular plants in 85 urban gardens in the city of Zurich, Switzerland. Two garden types were investigated: allotment (\(N = 42\)) and domestic gardens (\(N = 43\)). In each garden, we applied two sampling methods: a floristic inventory of entire garden lots (mean area ±SD: 312 ± 155 m\(^2\)) and sampling on plots of a standardized size (\(2 \times 10\) m\(^2\)). The two plots were centred within the two main land-use types found in each garden: lawn, meadow, vegetable bed, flower bed or berry patch. We give the origin status for each of the 1081 taxa found, i.e., whether a taxon is considered native or alien to Switzerland (Appendix). Similarly, for each taxon and garden, we estimate the origin of each plant or garden population by classifying each taxon as either cultivated or spontaneously growing (Appendix). Species richness (i.e., number of taxa) of all (\(S_{\text{total}}\)), native (\(S_{\text{native}}\)), cultivated (\(S_{\text{cultivated}}\)) and spontaneous (\(S_{\text{spontaneous}}\)) plants was computed for each garden and overall (Table 1). In addition, species richness levels of gardens and land-use types were visualized, and results of the two sampling methods were compared (Figs. 1 and 2). For each garden, additional environmental data is given, such as garden type, area, and urbanization intensity, which was calculated as the landscape proportion of impervious (i.e., built and paved) surface within a 500-m radius (Table 1). The data is part of an inter- and transdisciplinary investigation of biodiversity, soil quality, ecosystem...
services and social value of urban gardens in Switzerland (www.bettergardens.ch). The data can be linked to biotic and abiotic soil data [2–4], to data of soil surface dwelling and flying arthropods, which were sampled in the same gardens and during the same period, and to arthropod and bird predation data [5,6]. The raw data are available from Mendeley Data https://doi.org/10.17632/452pj39jm2.2 [7].

2. Experimental design, materials and methods

2.1. Data source

The data was acquired in the city of Zurich, Switzerland (47°22′N, 8°33′E). Zurich is located in the temperate climate zone of Europe, with a mean annual temperature of 9.3 °C (1981–2010) and mean annual precipitation of 1134 mm [8]. It harbours a population of 0.4 million in an area of approximately 92 km², placing it in the globally most common city class [9].

2.2. Garden selection

We collected floristic data in 85 urban gardens (43 domestic and 42 allotment gardens). We defined a domestic garden to be a garden directly adjacent to a single-occupancy or terraced house. Our definition of allotment gardens encompasses spatially clustered garden lots on public land, managed by associations and leased to leisure gardeners as lots of 100m²–200m² [10].

Gardens were chosen following a stratified sampling design, based on visual criteria defined by the urban habitat mapping key to the city of Zurich [11]. Potentially suitable gardens were identified based on the habitat map of the city of Zurich, aerial images and during field visits. We approached the garden owners initially by letter and thereafter by phone to arrange a visit. If no phone number was available, owners were approached personally. The (independent) strata included i) garden type (domestic vs. allotment), ii) a garden spatial heterogeneity/management intensity gradient, ranging from extensively managed gardens with a high vertical vegetation structure and a high proportion of native plant species, to intensively managed gardens with a low vertical vegetation structure and a high proportion of alien plant species [11], and iii) an urban intensity gradient, which ranged from densely to less densely built-up areas of the city. The urban intensity gradient was quantified as the proportional area of impervious (i.e. built and paved) surface within a 500-m radius around each garden lot (Table 1).

Variance in garden area was kept small and no novel gardens were included. To assure statistical independence among observations, no adjacent garden lots were sampled, and gardens were distributed across the city to include all urban districts. Additionally, with two exceptions, only one garden lot was sampled per allotment garden area. The average pairwise distance between gardens was 4.5 km (SD ± 2.2 km, min.-max. 0.1–11 km).

2.3. Floristic data of garden lots

A complete floristic inventory of each garden lot was made during repeated garden visits in 2015, based on the standard determination literature of the Swiss, resp. European (garden) flora [12–17]. Potted plants were included in the inventory. Abundance of each taxon was estimated semi-quantitatively on a six-point scale: 1 (1–10 individuals), 2 (11–25 ind.), 3 (26–50 ind.), 4 (51–100 ind.), 5 (101–250 ind.) and 6 (>250 ind.). To account for the different vegetation periods, gardens were visited three times in March/April, May, and July/August. To standardize the sampling effort among gardens, the duration of each visit was restricted to about 1.5 h. Note that the early spring flowering genus Crocus L. was missed. The species richness of each garden is given in Table 1. The list of all taxa and the number of observations per taxon is given in the Appendix. The raw data is available from Mendeley Data https://doi.org/10.17632/452pj39jm2.2 [7].
Table 1

Species richness (i.e. number of taxa) of all ($S_{total}$), native ($S_{native}$), cultivated ($S_{cultivated}$) and spontaneous ($S_{spontaneous}$) vascular plants in 85 urban gardens in the City of Zurich, Switzerland. The data are based on a complete floristic inventory of garden lots. For each garden, garden type, area and landscape proportion of sealed surface within a 500-m radius is given. Sealed surface was defined as built and paved land-cover. Note that plants can belong to more than one category (i.e., native, cultivated, spontaneous), since a plant can occur spontaneously in one garden while it is cultivated in another, and both cultivated and spontaneous plants can be native.

| Garden Id | Garden type | Garden area (m²) | Landscape proportion of sealed surface (500-m scale) | $S_{total}$ | $S_{native}$ | $S_{cultivated}$ | $S_{spontaneous}$ |
|-----------|-------------|-----------------|------------------------------------------------------|------------|-------------|-----------------|------------------|
| 1         | allotment   | 210.3           | 0.190                                                | 171        | 103         | 114             | 57               |
| 2         | home        | 285.1           | 0.393                                                | 148        | 78          | 109             | 39               |
| 3         | allotment   | 183.9           | 0.630                                                | 115        | 52          | 78              | 37               |
| 4         | home        | 399.5           | 0.233                                                | 145        | 81          | 89              | 56               |
| 5         | home        | 666.8           | 0.272                                                | 165        | 87          | 108             | 57               |
| 6         | allotment   | 169.5           | 0.390                                                | 126        | 68          | 68              | 39               |
| 7         | home        | 238.1           | 0.671                                                | 69         | 53          | 22              | 47               |
| 8         | home        | 473.5           | 0.428                                                | 79         | 40          | 51              | 28               |
| 9         | allotment   | 198.8           | 0.200                                                | 97         | 61          | 43              | 54               |
| 10        | allotment   | 246.1           | 0.536                                                | 179        | 99          | 113             | 66               |
| 11        | home        | 659.2           | 0.434                                                | 89         | 50          | 54              | 35               |
| 12        | home        | 476.2           | 0.429                                                | 130        | 65          | 88              | 42               |
| 13        | allotment   | 197.0           | 0.432                                                | 91         | 56          | 53              | 38               |
| 14        | allotment   | 172.6           | 0.218                                                | 113        | 61          | 69              | 44               |
| 15        | allotment   | 256.1           | 0.285                                                | 78         | 43          | 47              | 31               |
| 16        | allotment   | 307.5           | 0.243                                                | 120        | 59          | 86              | 34               |
| 17        | home        | 346.9           | 0.210                                                | 71         | 37          | 42              | 29               |
| 18        | allotment   | 179.6           | 0.210                                                | 109        | 60          | 67              | 42               |
| 19        | home        | 510.4           | 0.812                                                | 114        | 69          | 75              | 39               |
| 20        | allotment   | 496.0           | 0.208                                                | 139        | 91          | 78              | 61               |
| 21        | allotment   | 223.9           | 0.273                                                | 155        | 84          | 128             | 27               |
| 22        | home        | 170.2           | 0.726                                                | 64         | 52          | 17              | 47               |
| 23        | allotment   | 212.5           | 0.207                                                | 113        | 55          | 72              | 41               |
| 24        | allotment   | 205.3           | 0.290                                                | 148        | 83          | 87              | 61               |
| 25        | home        | 695.7           | 0.295                                                | 132        | 75          | 85              | 47               |
| 26        | home        | 400.1           | 0.559                                                | 120        | 71          | 67              | 53               |
| 27        | home        | 135.9           | 0.811                                                | 117        | 70          | 75              | 42               |
| 28        | home        | 407.5           | 0.613                                                | 110        | 60          | 75              | 35               |
| 29        | allotment   | 734.5           | 0.362                                                | 114        | 77          | 58              | 56               |
| 30        | home        | 273.6           | 0.716                                                | 185        | 124         | 145             | 40               |
| 31        | allotment   | 167.9           | 0.211                                                | 104        | 51          | 69              | 35               |
| 32        | home        | 229.7           | 0.284                                                | 95         | 43          | 73              | 22               |
| 33        | allotment   | 198.7           | 0.248                                                | 115        | 58          | 69              | 46               |
| 34        | allotment   | 173.1           | 0.539                                                | 63         | 38          | 27              | 36               |
| 35        | home        | 249.9           | 0.724                                                | 92         | 47          | 56              | 36               |
| 36        | home        | 255.9           | 0.373                                                | 96         | 52          | 64              | 32               |
| 37        | home        | 291.0           | 0.582                                                | 132        | 82          | 95              | 37               |
| 38        | allotment   | 501.2           | 0.159                                                | 99         | 57          | 53              | 46               |
| 39        | home        | 791.5           | 0.191                                                | 91         | 73          | 23              | 68               |
| 40        | home        | 294.2           | 0.534                                                | 105        | 58          | 71              | 34               |
| 41        | home        | 444.2           | 0.430                                                | 131        | 68          | 89              | 42               |
| 42        | home        | 486.1           | 0.248                                                | 205        | 169         | 153             | 52               |
| 43        | home        | 107.4           | 0.616                                                | 53         | 39          | 22              | 31               |
| 44        | home        | 497.2           | 0.517                                                | 118        | 62          | 77              | 41               |
| 45        | home        | 355.5           | 0.574                                                | 178        | 95          | 119             | 59               |
| 46        | allotment   | 212.5           | 0.195                                                | 113        | 46          | 82              | 31               |
| 47        | home        | 286.8           | 0.472                                                | 186        | 97          | 138             | 48               |
| 48        | home        | 422.2           | 0.721                                                | 102        | 54          | 67              | 35               |
| 49        | allotment   | 169.1           | 0.320                                                | 125        | 53          | 88              | 37               |
| 50        | home        | 150.9           | 0.613                                                | 92         | 37          | 74              | 18               |
| 51        | allotment   | 184.5           | 0.360                                                | 122        | 49          | 100             | 22               |
| 52        | home        | 366.7           | 0.497                                                | 174        | 107         | 138             | 36               |
| 53        | allotment   | 410.3           | 0.818                                                | 125        | 80          | 71              | 54               |
| 54        | allotment   | 179.6           | 0.187                                                | 75         | 52          | 31              | 44               |
| 55        | allotment   | 240.4           | 0.111                                                | 124        | 70          | 71              | 53               |
2.4. Sampling on standardized plots (vegetation relevés)

In each garden, in addition to the floristic inventory, plant species were sampled on two circular plots of 10 m² each during the summer. The methodology was based on the survey of angiosperm diversity of the Swiss Biodiversity Monitoring program [18]. Potted plants were not included. On each plot, three vegetation layers (ground vegetation, shrub and tree layer) were roughly distinguished and within each layer, the percentage cover of each taxon was scored on an ordinal scale: 1 (<1% cover), 2 (1–5% cover), 3 (>5–25% cover), 4 (>25–50% cover), 5 (>50–75% cover), 6 (>75–100% cover). Note that due to the heterogenous vegetation structure of gardens, cover sums over 100% within a vegetation layer were allowed. The two plots were centred within the two main garden land-use types found in each garden: lawn, meadow, vegetable bed, flower bed or berry patch. In addition, the levels of soil disturbance were contrasted between the two selected land-use types [2]: in each garden, one of the plots had to be in a low soil disturbance land-use type with mostly perennial vegetation (e.g. lawn), while the other had to be in a high soil disturbance land-use type with mostly annual vegetation (e.g. a vegetable bed). The distribution of species richness in each land use type is given in Fig. 1. A comparison between the two sampling methods is given in Fig. 2. The plot-based data can be linked to urban soil data of land-use types [3]. The raw data is available from Mendeley Data https://doi.org/10.17632/452pj39jm2.2 [7].

Table 1 (continued)

| Garden Id | Garden type | Garden area (m²) | Landscape proportion of sealed surface (500-m scale) | S<sub>total</sub> | S<sub>native</sub> | S<sub>cultivated</sub> | S<sub>spontaneous</sub> |
|-----------|-------------|-----------------|-----------------------------------------------------|-----------------|-----------------|----------------------|------------------------|
| 56        | home        | 438.9           | 0.249                                               | 171             | 123             | 122                  | 49                     |
| 57        | home        | 121.7           | 0.814                                               | 98              | 50              | 72                   | 26                     |
| 58        | home        | 551.4           | 0.383                                               | 143             | 102             | 89                   | 54                     |
| 59        | home        | 455.3           | 0.441                                               | 75              | 45              | 43                   | 32                     |
| 60        | allotment   | 220.2           | 0.129                                               | 99              | 60              | 57                   | 42                     |
| 61        | allotment   | 150.4           | 0.109                                               | 88              | 48              | 51                   | 37                     |
| 62        | home        | 291.7           | 0.663                                               | 103             | 55              | 60                   | 43                     |
| 63        | allotment   | 370.9           | 0.834                                               | 130             | 67              | 86                   | 44                     |
| 64        | allotment   | 201.6           | 0.548                                               | 155             | 75              | 112                  | 43                     |
| 65        | home        | 479.6           | 0.215                                               | 121             | 68              | 93                   | 28                     |
| 66        | allotment   | 232.4           | 0.423                                               | 123             | 50              | 90                   | 33                     |
| 67        | allotment   | 507.4           | 0.279                                               | 176             | 87              | 106                  | 70                     |
| 68        | allotment   | 494.2           | 0.461                                               | 94              | 61              | 49                   | 45                     |
| 69        | allotment   | 200.7           | 0.287                                               | 132             | 50              | 106                  | 26                     |
| 70        | allotment   | 242.4           | 0.183                                               | 192             | 116             | 139                  | 53                     |
| 71        | home        | 287.2           | 0.215                                               | 177             | 84              | 131                  | 46                     |
| 72        | allotment   | 486.1           | 0.333                                               | 104             | 62              | 58                   | 46                     |
| 73        | home        | 277.1           | 0.697                                               | 76              | 46              | 46                   | 30                     |
| 74        | allotment   | 150.9           | 0.308                                               | 83              | 42              | 50                   | 33                     |
| 75        | allotment   | 177.8           | 0.399                                               | 154             | 70              | 109                  | 45                     |
| 76        | allotment   | 180.5           | 0.491                                               | 131             | 47              | 105                  | 26                     |
| 77        | allotment   | 231.5           | 0.405                                               | 86              | 32              | 71                   | 15                     |
| 78        | home        | 244.8           | 0.651                                               | 173             | 91              | 131                  | 42                     |
| 79        | home        | 207.9           | 0.621                                               | 94              | 57              | 52                   | 42                     |
| 80        | allotment   | 186.4           | 0.252                                               | 141             | 71              | 87                   | 54                     |
| 81        | allotment   | 110.2           | 0.439                                               | 68              | 38              | 42                   | 26                     |
| 82        | allotment   | 177.8           | 0.421                                               | 136             | 69              | 97                   | 39                     |
| 83        | home        | 288.0           | 0.369                                               | 90              | 70              | 55                   | 35                     |
| 84        | home        | 281.6           | 0.256                                               | 85              | 46              | 56                   | 29                     |
| 85        | home        | 438.7           | 0.216                                               | 82              | 68              | 53                   | 29                     |

Mean ± SD 311.6 ± 155.1 0.411 ± 0.195 118.8 ± 34.7 66.5 ± 23.2 77.9 ± 30.8 40.9 ± 11.4

Range 107.4 – 791.5 0.109 – 0.834 53 – 175 32 – 153 17 – 70 15 – 70

https://doi.org/10.17632/452pj39jm2.2 [7].
2.5. Taxonomic treatment, origin status and origin of garden populations

Taxonomy largely followed the Checklist of the National Data and Information Centre of the Swiss Flora [19]. In addition, for cultivated ornamental plants, Huxley & Royal Horticultural Society [13], Jäger [14], and Cullen [15] were consulted. Taxa below the species level, taxa within species complexes, and cultivars were not consequently determined at the lowest possible taxonomic rank. They were mostly grouped into aggregates (e.g. *Taraxacum* of *ficinale* aggr.), Cultivar Groups (e.g. *Begonia* *Semper* *florens* Cultorum Group), or labeled CV as cultivars without further distinction (e.g. *Rosa* CV).

Juillerat et al. [19] were followed to assess the origin status of species, i.e. whether a taxon is considered native or alien to Switzerland. Our definition of native plants encompasses archeophytes, which are taxa introduced to Switzerland before 1500, and neophytes of European origin that have colonized Switzerland spontaneously. A more detailed description of the origin status is given in the raw data [7]. Cultivar groups not derived from native plants were considered to be alien.

The origin of a plant individual or “population” in a garden, i.e. whether a plant or a group of plants was cultivated, or whether it occurred spontaneously, was determined by consulting the Flora of the City of Zurich [20] and/or by asking the garden owners. Intentionally introduced plants, which subsequently formed self-sustaining local populations, were considered to be cultivated. Plants that spontaneously colonized a garden and were subsequently tolerated or even locally favored by the garden owner/tenant were considered to be spontaneous plants. The origin of rare native plants was always verified by asking the garden owners. Meadow and lawn plants originating from seeding were considered to be cultivated plants. In lawns and meadows not deliberately enriched with herbs, only grasses employed in landscaping were considered to be cultivated [13].

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**Fig. 1.** Violin plots illustrating the distribution of plant species richness of all (A), native (B), cultivated (C), and spontaneous (D) taxa growing on 10 m² plots for each of the five land-use types based on all 85 gardens. Note the unequal sampling size among the land-use types: meadows (*N* = 11), lawns (*N* = 56), flower beds (*N* = 35), berry patches (*N* = 15) and vegetable beds (*N* = 47). Only the herbaceous vegetation layer was considered for meadows, lawn, and vegetables, and the tree layer was excluded altogether. Six plots were excluded due to pseudoreplication (e.g. two plots in lawn of the same garden).
It is important to note that the origin of a garden population can not always be unambiguously retraced and should therefore be interpreted with caution: especially in the case of lawn and grassland plants. Note that a taxon can belong to more than one category (native, cultivated, spontaneous), since a species may occur spontaneously in one garden, while it is cultivated in another, and both cultivated and spontaneous plants can be native.

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**Transparency document**

Transparency document associated with this article can be found in the online version at https://doi.org/10.1016/j.dib.2019.103982.
Appendix

List and number of observations of vascular plants taxa in 85 urban gardens in the City of Zurich, Switzerland, based on the floristic inventory. OS, origin status (A, alien; N, native); N\textsubscript{cult.}, number of observations of garden populations of anthropic origin; N\textsubscript{spont.}, number of observations of spontaneously occurring garden populations; N\textsubscript{total}, total number of observations of a taxon. Note that the early spring flowering genus *Crocus* L. was missed.

| Taxon name | Authority | Family | OS | N\textsubscript{cult.} | N\textsubscript{spont.} | N\textsubscript{total} |
|------------|-----------|--------|----|----------------|----------------|------------------|
| *Abelmoschus esculentus* | (L.) Moench | Malvaceae | A | 1 | 0 | 1 |
| *Abies alba* | Mill. | Pinaceae | N | 2 | 0 | 2 |
| *Abutilon × hybridum* | Voss | Malvaceae | A | 2 | 0 | 2 |
| *Acanthus mollis* | L. | Acanthaceae | A | 7 | 0 | 7 |
| *Acer × conspicuum* | van Gelderen & Oterdoom | Sapindaceae | A | 1 | 0 | 1 |
| *Acer campestre* | L. | Sapindaceae | N | 3 | 14 | 17 |
| *Acer palmatum* | Thunb. | Sapindaceae | N | 19 | 0 | 19 |
| *Acer platanoides* | L. | Sapindaceae | N | 1 | 6 | 7 |
| *Acer pseudoplatanus* | L. | Sapindaceae | N | 3 | 13 | 16 |
| *Achillea filipendulina* | Lam. | Asteraeae | A | 5 | 0 | 5 |
| *Achillea millefolium* | aggr. | Asteraeae | A | 14 | 2 | 16 |
| *Achillea patraica* | L. | Asteraeae | N | 3 | 0 | 3 |
| *Acinos arvensis* | (Lam.) Dandy | Lamiaceae | N | 1 | 0 | 1 |
| *Aconitum napellus* | L. | Ranunculaceae | N | 8 | 0 | 8 |
| *Actinidia arguta* | (Siebold & Zucc.) Planch. ex Miq. | Actinidiaceae | A | 5 | 0 | 5 |
| *Actinidia chinsensis* | Planch. | Actinidiaceae | A | 8 | 0 | 8 |
| *Actinidia kolomikta* | (Rupr. & Maxim.) Maxim. | Actinidiaceae | A | 1 | 0 | 1 |
| *Adenophora liliifolia* | (L.) A. DC. | Campanulaceae | N | 1 | 0 | 1 |
| *Adiantum capillus-veneris* | L. | Pteridaceae | N | 1 | 0 | 1 |
| *Aegopodium podagraria* | L. | Apiaceae | N | 0 | 26 | 26 |
| *Aegopodium hauorthii* | Webb & Berthel. | Crassulaceae | A | 1 | 0 | 1 |
| *Aesculus hippocastanum* | L. | Sapindaceae | N | 3 | 0 | 3 |
| *Aethusa cynapium* | L. | Apiaceae | N | 0 | 2 | 2 |
| *Aconitum napellus* | Willd. | Amaryllidaceae | A | 3 | 0 | 3 |
| *Agastache mexicana* | (Kunth) Lint & Epling | Lamiaceae | A | 3 | 0 | 3 |
| *Agave americana* | L. | Asparagaceae | A | 1 | 0 | 1 |
| *Ageratum houstonianum* | Mill. | Amaryllidaceae | A | 1 | 0 | 1 |
| *Agrimonia eupatoria* | L. | Rosaceae | N | 0 | 4 | 4 |
| *Agrosthon cepharanthum* | L. | Poaceae | N | 3 | 0 | 3 |
| *Agrostis gigantea* | Roth | Poaceae | N | 2 | 0 | 2 |
| *Agrostis stolonifera* | L. | Poaceae | N | 38 | 0 | 38 |
| *Ailanthus altissima* | (Mill.) Swingle | Simaroubaceae | A | 0 | 2 | 2 |
| *Ajuga reptans* | L. | Lamiaceae | N | 8 | 34 | 42 |
| *Akebia quinata* | (Houtt.) Decne. | Lardizabalaceae | A | 1 | 0 | 1 |
| *Alcea rosea* | L. | Malvaceae | N | 35 | 0 | 35 |
| *Alchemilla mollis* | (Buser) Rothm. | Rosaceae | A | 31 | 0 | 31 |
| *Alchemilla vulgaris* | aggr. | Rosaceae | N | 2 | 1 | 3 |
| *Alisma plantago-aquatica* | L. | Alismataceae | N | 3 | 0 | 3 |
| *Allaria petiolata* | (M. Bieb.) Cavara & Grande | Brassicaceae | N | 21 | 0 | 21 |
| *Allium carinatum* | L. | Amaryllidaceae | N | 1 | 0 | 1 |
| *Allium cepa* | L. | Amaryllidaceae | A | 20 | 0 | 20 |
| *Allium cristophii* | Trautv. | Amaryllidaceae | A | 18 | 0 | 18 |
| *Allium fistulosum* | L. | Amaryllidaceae | A | 2 | 0 | 2 |
| *Allium neapolitanum* | Crillo | Amaryllidaceae | A | 1 | 0 | 1 |
| *Allium nigrum* | L. | Amaryllidaceae | A | 2 | 0 | 2 |
| *Allium porrum* | L. | Amaryllidaceae | A | 17 | 0 | 17 |
| *Allium schoenoprasum* | L. | Amaryllidaceae | N | 41 | 0 | 41 |
| *Allium siculum* | Ucria | Amaryllidaceae | A | 1 | 0 | 1 |
| *Allium tuberosum* | Rottler ex Spreng. | Amaryllidaceae | A | 1 | 0 | 1 |
| *Allium ursinum* | L. | Amaryllidaceae | N | 31 | 0 | 31 |
| *Allium vineale* | L. | Amaryllidaceae | N | 1 | 0 | 1 |
| *Aloe vera* | (L.) Burm. f. | Asphodelaceae | A | 1 | 0 | 1 |
| *Alopecurus pratensis* | L. | Poaceae | N | 2 | 0 | 2 |
| *Aloysia citriodora* | Palau | Verbenaceae | A | 7 | 0 | 7 |
| *Althaea officinalis* | L. | Malvaceae | A | 5 | 0 | 5 |
| *Amaranthus blitum* | aggr. | Amaranthaceae | N | 0 | 20 | 20 |
| Taxon name                | Authority                  | Family             | OS | N<sub>total</sub> | N<sub>spont.</sub> | N<sub>land</sub> |
|--------------------------|----------------------------|--------------------|----|-------------------|-------------------|-----------------|
| Amaranthus caudatus      | L.                         | Amaranthaceae      | A  | 8                 | 0                 | 8               |
| Amaranthus hybridus aggr.|                           | Amaranthaceae      | A  | 3                 | 3                 |                 |
| Amaranthus retroflexus   | L.                         | Amaranthaceae      | A  | 2                 | 2                 |                 |
| Amelanchier alnifoia     | (Nutt.) Nutt. ex M. Roem.  | Rosaceae           | A  | 2                 | 2                 |                 |
| Amelanchier lamarkii     | F. G. Schroed.             | Rosaceae           | A  | 11                | 0                 | 11              |
| Amelanchier ovalis       | Medik.                     | Rosaceae           | N  | 2                 | 0                 | 2               |
| Anagallis arvensis       | L.                         | Primulaceae        | N  | 0                 | 23                | 23              |
| Anchusa officinalis      | L.                         | Boraginaceae       | N  | 1                 | 0                 | 1               |
| Androsace septentrionalis| L.                         | Primulaceae        | N  | 0                 | 1                 |                 |
| Androsace studiosorum    | (Duby) Govaerts            | Primulaceae        | A  | 1                 | 0                 |                 |
| Anemone blanda           | Schott & Kotschky          | Ranunculaceae      | N  | 0                 | 7                 |                 |
| Anemone coronaria        | L.                         | Ranunculaceae      | A  | 1                 | 0                 |                 |
| Anemone hupehensis       | (Lemoine) Lemoine          | Ranunculaceae      | A  | 29                | 0                 | 29              |
| Anemone nemorosa         | L.                         | Ranunculaceae      | N  | 0                 | 32                | 32              |
| Anemone sylvestris       | L.                         | Ranunculaceae      | N  | 1                 | 0                 |                 |
| Anethum graveolens       | L.                         | Apiaceae           | A  | 8                 | 0                 | 8               |
| Angelica archangelica    | L.                         | Apiaceae           | A  | 1                 | 0                 |                 |
| Angelica sylvestris      | L.                         | Apiaceae           | N  | 2                 | 0                 | 2               |
| Anthemis tinctoria       | (L.) J. Gay                | Asteraceae         | N  | 5                 | 0                 | 5               |
| Anthericum ramosum       | L.                         | Asparagusaceae     | N  | 2                 | 0                 |                 |
| Anthoxanthum odoratum    | L.                         | Poaceae            | N  | 6                 | 0                 | 6               |
| Anthyllis vulneraria     | L.                         | Fabaceae           | N  | 1                 | 0                 |                 |
| Antirrhinum majus        | L.                         | Plantaginaceae     | A  | 27                | 0                 | 27              |
| Apium graveolens         | L.                         | Apiaceae           | A  | 22                | 0                 | 22              |
| Aquilegia skinneri       | Hook.                      | Ranunculaceae      | A  | 1                 | 0                 |                 |
| Aquilegia vulgaris       | L.                         | Ranunculaceae      | N  | 63                | 0                 | 63              |
| Arabidopsis thaliana     | (L.) Heynh.                | Brassicaceae       | N  | 0                 | 4                 | 4               |
| Arabis alpina subsp. caucasicana | (Willd.) Briq.                              | Brassicaceae       | A  | 2                 | 0                 |                 |
| Arcauraria arauca (Molina) K. Koch |                     | Araucariae         | A  | 1                 | 0                 |                 |
| Arctium lappa            | L.                         | Asteraceae         | N  | 1                 | 3                 | 4               |
| Argynanthemum frutescens | (L.) Sch. Bip.             | Asteraceae         | A  | 3                 | 0                 |                 |
| Aristolochia decamensis  | L.                         | Aristolochiaceae   | N  | 1                 | 0                 |                 |
| Aristolochia macrophylla | Lam.                       | Aristolochiaceae   | A  | 1                 | 0                 |                 |
| Aristolochia rotunda     | L.                         | Aristolochiaceae   | N  | 1                 | 0                 |                 |
| Armeria maritima         | (Mill.) Willd.             | Plumbaginaceae     | A  | 4                 | 0                 | 4               |
| Armoracia rusticana      | G. Gaertn. & al.          | Brassicaceae       | N  | 16                | 0                 | 16              |
| Aronia melanocarpa       | (Michx.) Elliott           | Rosaceae           | A  | 4                 | 0                 | 4               |
| Arrhenatherum elatius    | (L.) J. Presl & C. Presl  | Poaceae            | N  | 10                | 13                | 23              |
| Artemisia abrotanum      | L.                         | Asteraceae         | A  | 6                 | 0                 | 6               |
| Artemisia absinthium     | L.                         | Asteraceae         | N  | 6                 | 0                 | 6               |
| Artemisia campestris     | L.                         | Asteraceae         | A  | 1                 | 0                 |                 |
| Artemisia dracunculus    | L.                         | Asteraceae         | A  | 1                 | 0                 |                 |
| Artemisia tridentata     | Nutt.                      | Asteraceae         | A  | 1                 | 0                 |                 |
| Artemisia vulgaris       | L.                         | Asteraceae         | N  | 6                 | 0                 | 6               |
| Arum italicum            | Mill.                      | Araceae            | N  | 6                 | 0                 | 6               |
| Arum maculatum           | L.                         | Araceae            | N  | 0                 | 8                 | 8               |
| Aruncus dioicus          | Rosaceae                   | N  | 3                 | 4                 |                 |
| Asarum europaeum         | L.                         | Aristolochiaceae   | A  | 1                 | 0                 |                 |
| Asclepias syriaca        | L.                         | Apocynaceae        | A  | 3                 | 0                 | 3               |
| Asimina triloba          | (L.) Dunal                 | Annonaceae         | A  | 1                 | 0                 |                 |
| Asparagus densiflorus    | (Kunth) Jessop             | Asparagusaceae     | A  | 2                 | 0                 |                 |
| Asparagus officinalis    | L.                         | Asparagusaceae     | N  | 8                 | 0                 | 8               |
| Asphodeline lutea        | (L.) Rchb.                 | Asphodelaceae      | A  | 2                 | 0                 |                 |
| Asplenium ruta-muraria   | L.                         | Aspleniaceae       | N  | 2                 | 2                 |                 |
| Asplenium trichomanes    | L.                         | Aspleniaceae       | N  | 2                 | 2                 |                 |
| Aster amellus            | L.                         | Asteraceae         | N  | 1                 | 0                 |                 |
| Aster dumosus            | Hoffm.                     | Asteraceae         | A  | 2                 | 0                 | 2               |
| Aster novae-angliae      | L.                         | Asteraceae         | A  | 15                | 0                 | 15              |
| Aster novi-belgii aggr.  | L.                         | Asteraceae         | A  | 25                | 0                 | 25              |
| Astilbe Arendssii Group  |                           | Saxifragaceae      | A  | 17                | 0                 | 17              |
| Astilboides tabularis    | (HemsI.) Engl.             | Saxifragaceae      | A  | 1                 | 0                 |                 |

(continued on next page)
| Taxon name                        | Authority          | Family            | OS | N<sub>cul</sub> | N<sub>sp</sub> | N<sub>total</sub> |
|----------------------------------|--------------------|-------------------|----|---------------|-------------|-----------------|
| Astrantia major                  | L.                 | Apiaceae          | N  | 2             | 0           | 2               |
| Athyrium filix-femina            | (L.) Roth          | Athyriaceae       | N  | 5             | 0           | 5               |
| Atriplex hortensis               | L.                 | Amaranthaceae     | A  | 4             | 0           | 4               |
| Atropa belladonna                | L.                 | Solanaceae        | N  | 1             | 0           | 1               |
| Aubrieta deltoidea               | (L.) DC.           | Brassicaceae      | A  | 14            | 0           | 14              |
| Aurinia saxatilis                | (L.) Desv.         | Brassicaceae      | A  | 11            | 0           | 11              |
| Avena fatua                      | L.                 | Poaceae           | N  | 0             | 1           | 1               |
| Avena sativa                     | L.                 | Poaceae           | A  | 0             | 4           | 4               |
| Baptisia australis               | (L.) R. Br.        | Fabaceae          | A  | 1             | 0           | 1               |
| Barbarea vulgaris                | R. Br.             | Brassicaceae      | N  | 3             | 0           | 3               |
| Begonia Semperflorens Cultorum Group |                | Begoniaceae       | A  | 10            | 0          | 10              |
| Bellis perennis                  | L.                 | Asteraceae        | N  | 8             | 51          | 59              |
| Berberis julianae                | C. K. Schneid.     | Berberidaceae     | A  | 2             | 0           | 2               |
| Berberis thunbergii              | DC.                | Berberidaceae     | A  | 5             | 0           | 5               |
| Berberis verruculosa             | Hemsli. & E. H. Wilson | Berberidaceae | A  | 2             | 0           | 2               |
| Berberis vulgaris                | L.                 | Berberidaceae     | N  | 2             | 0           | 2               |
| Bergenia crassifolia             | (L.) Fritsch       | Saxifragaceae     | A  | 11            | 0           | 11              |
| Beta vulgaris                    | L.                 | Amaranthaceae     | A  | 34            | 0           | 34              |
| Betula pendula                   | Roth               | Betulaceae        | N  | 3             | 5           | 8               |
| Bidens ferulifolia               | (Jacq.) DC.        | Asteraeae         | A  | 10            | 0           | 10              |
| Bidens frondosa                  | L.                 | Asteraeae         | A  | 0             | 1           | 1               |
| Bletilla striata                 | (Thunb.) Rchb. f.  | Orchidaceae       | A  | 3             | 0           | 3               |
| Borago officinalis               | L.                 | Boraginaceae      | A  | 25            | 0           | 25              |
| Bougainvillea spectabilis        | Willd.             | Nyctaginaceae     | A  | 1             | 0           | 1               |
| Brachypodium pinnatum            | (L.) P. Beauv.     | Poaceae           | N  | 1             | 0           | 1               |
| Brachypodium sylvaticum          | (Huds.) P. Beauv.  | Poaceae           | N  | 0             | 25          | 25              |
| Brachyscome iberidifolia         | Bentham.           | Asteraeae         | A  | 1             | 0           | 1               |
| Brassica napus                   | L.                 | Brassicaceae      | A  | 0             | 1           | 1               |
| Brassica oleracea                | L.                 | Brassicaceae      | A  | 43            | 0           | 43              |
| Brassica rapa                    | L.                 | Brassicaceae      | A  | 5             | 0           | 5               |
| Briiza media                     | L.                 | Poaceae           | N  | 1             | 0           | 1               |
| Bromus erectus                   | Huds.              | Poaceae           | N  | 2             | 0           | 2               |
| Bromus hordeaceus                | L.                 | Poaceae           | N  | 1             | 3           | 4               |
| Bromus inermis                   | Leyss.             | Poaceae           | A  | 0             | 1           | 1               |
| Bromus ramosus                   | Huds.              | Poaceae           | N  | 0             | 1           | 1               |
| Bromus sterilis                  | L.                 | Poaceae           | N  | 0             | 11          | 11              |
| Bromus tectorum                  | L.                 | Poaceae           | N  | 0             | 1           | 1               |
| Brugmansia suaveolens            | (Humb. & Bonpl. ex Willd.) Bercht. & J. Presl | Solanaceae | A  | 3             | 0           | 3               |
| Brunnera macrophylla             | (Adams) I. M. Johnst. | Boraginaceae    | A  | 10            | 0           | 10              |
| Bryonia dioica                   | Jacq.              | Cucurbitaceae     | N  | 2             | 0           | 2               |
| Buddleja alternifolia            | Maxim.             | Scrophulariaceae  | A  | 1             | 0           | 1               |
| Buddleja davidii                 | Franch.            | Scrophulariaceae  | A  | 10            | 4           | 14              |
| Buglossoides purpurocaerulea     | (L.) I. M. Johnst. | Boraginaceae      | N  | 2             | 0           | 2               |
| Buphthalmum salicifolium        | L.                 | Asteraeae         | N  | 3             | 0           | 3               |
| Buxus sempervirens               | L.                 | Buxaceae          | N  | 13            | 0           | 13              |
| Calamintha nepeta aggr.          | L.                 | Lamiaceae         | N  | 3             | 0           | 3               |
| Calendula arvensis               | L.                 | Asteraeae         | N  | 2             | 0           | 2               |
| Calendula officinalis            | L.                 | Asteraeae         | A  | 32            | 0           | 32              |
| Callistephus chinensis           | (L.) Nees          | Asteraeae         | A  | 7             | 0           | 7               |
| Calthia palustris                | L.                 | Ranunculaceae     | N  | 3             | 0           | 3               |
| Calystegia sepium                | (L.) R. Br.        | Convulucaceae     | N  | 0             | 59          | 59              |
| Camassia cusickii                | S. Watson          | Asparagaceae      | A  | 1             | 0           | 1               |
| Campanula carpatica              | Jacq.              | Campanulaceae     | A  | 1             | 0           | 1               |
| Campanula medium                 | L.                 | Campanulaceae     | N  | 12            | 0           | 12              |
| Campanula persicifolia           | L.                 | Campanulaceae     | A  | 4             | 0           | 4               |
| Campanula portenschlagiana       | Schult.            | Campanulaceae     | A  | 16            | 0           | 16              |
| Campanula poscharskyana          | Degen              | Campanulaceae     | N  | 2             | 0           | 2               |
| Campanula rapunculoides          | L.                 | Campanulaceae     | N  | 2             | 0           | 2               |
| Campanula rotundifolia           | L.                 | Campanulaceae     | N  | 8             | 1           | 9               |
| Taxon name                  | Authority               | Family               | OS | $N_{\text{cult.}}$ | $N_{\text{spont.}}$ | $N_{\text{total}}$ |
|----------------------------|-------------------------|----------------------|----|---------------------|----------------------|---------------------|
| Campsis radicans           | (L.) Seem.              | Bignoniaceae         | A  | 6                   | 0                    | 6                   |
| Cannabis sativa            | L.                      | Cannabaceae          | A  | 4                   | 0                    | 4                   |
| Capsella bursa-pastoris    | (L.) Medik.             | Brassicaceae         | N  | 0                   | 1                    | 1                   |
| Capsella rubella           | Reut.                   | Brassicaceae         | N  | 0                   | 2                    | 2                   |
| Capsicum annuum            | L.                      | Solanaceae           | A  | 29                  | 0                    | 29                  |
| Cardamine bulbifera        | (L.) Crantz             | Brassicaceae         | N  | 0                   | 1                    | 1                   |
| Cardamine flexuosa aggr.   |                         | Brassicaceae         | N  | 0                   | 11                   | 11                  |
| Cardamine hirsuta          | L.                      | Brassicaceae         | N  | 0                   | 73                   | 73                  |
| Cardamine impatiens        | L.                      | Brassicaceae         | N  | 0                   | 2                    | 2                   |
| Cardamine pentaphyllos     | (L.) Crantz             | Brassicaceae         | N  | 0                   | 1                    | 1                   |
| Cardamine pratensis        | L.                      | Brassicaceae         | N  | 5                   | 28                   | 33                  |
| Cardaria draba             | (L.) Desv.              | Brassicaceae         | A  | 0                   | 1                    | 1                   |
| Carex digitata             | L.                      | Cyperaceae           | N  | 0                   | 1                    | 1                   |
| Carex elata                | All.                    | Cyperaceae           | N  | 2                   | 0                    | 2                   |
| Carex flacca               | Schreb.                 | Cyperaceae           | N  | 0                   | 5                    | 5                   |
| Carex grayi                | Carey                   | Cyperaceae           | A  | 2                   | 0                    | 2                   |
| Carex hirta                | L.                      | Cyperaceae           | N  | 0                   | 7                    | 7                   |
| Carex morrowii             | Boott                   | Cyperaceae           | A  | 2                   | 0                    | 2                   |
| Carex muricata aggr.       |                         | Cyperaceae           | N  | 0                   | 20                   | 20                  |
| Carex pendula              | Huds.                   | Cyperaceae           | N  | 2                   | 2                    | 4                   |
| Carex pilosa               | Scop.                   | Cyperaceae           | N  | 0                   | 1                    | 1                   |
| Carex remota               | L.                      | Cyperaceae           | N  | 0                   | 2                    | 2                   |
| Carex sylvatica            | Huds.                   | Cyperaceae           | N  | 0                   | 31                   | 31                  |
| Carlina vulgaris           | L.                      | Asteraceae           | N  | 1                   | 0                    | 1                   |
| Carpinus betulus           | L.                      | Betulaceae           | N  | 7                   | 11                   | 18                  |
| Caryopteris × clandonensis | Simmonds                | Lamiaceae            | A  | 7                   | 0                    | 7                   |
| Castanea sativa            | Mill.                   | Fagaceae             | N  | 1                   | 0                    | 1                   |
| Catalpa bignonioides       | Walter                  | Bignoniaceae         | A  | 1                   | 0                    | 1                   |
| Cedrus libani              | A. Rich.                | Pinaceae             | A  | 1                   | 0                    | 1                   |
| Celtis australis           | L.                      | Cannabaceae          | N  | 1                   | 0                    | 1                   |
| Centaurea cyanus           | L.                      | Asteraceae           | N  | 7                   | 0                    | 7                   |
| Centaurea jacea            | L.                      | Asteraceae           | N  | 2                   | 0                    | 2                   |
| Centaurea montana          | L.                      | Asteraceae           | N  | 33                  | 0                    | 33                  |
| Centaurea pseudophrygia    | C. A. Mey.              | Asteraceae           | N  | 1                   | 0                    | 1                   |
| Centaurea scabiosa         | L.                      | Asteraceae           | N  | 2                   | 0                    | 2                   |
| Centaurium erythraea       | Rafn                    | Gentianaceae         | N  | 1                   | 0                    | 1                   |
| Centranthus ruber          | (L.) DC.                | Caprifoliaceae       | A  | 12                  | 0                    | 12                  |
| Cephalaria alpina          | (L.) Roem. & Schult.    | Caprifoliaceae       | N  | 1                   | 0                    | 1                   |
| Cerastium brachypetalum    | Pers.                   | Caryophyllaceae      | N  | 0                   | 2                    | 2                   |
| Cerastium fontanum subsp. vulgare | (Hartm.) Greuter & Burdet | Caryophyllaceae    | N  | 5                   | 18                   | 23                  |
| Cerastium glorosatum       | Thuill.                 | Caryophyllaceae      | N  | 2                   | 0                    | 2                   |
| Cerastium tomentosum       | L.                      | Caryophyllaceae      | A  | 9                   | 0                    | 9                   |
| Ceratophyllum demersum     | L.                      | Caryophyllaceae      | N  | 1                   | 0                    | 1                   |
| Ceratostigma plumbaginoides| Bunge                   | Plumbaginaceae       | A  | 7                   | 0                    | 7                   |
| Cercis siliquastrum        | L.                      | Fabaceae             | A  | 3                   | 0                    | 3                   |
| Cerinthe major             | L.                      | Boraginaceae         | A  | 1                   | 0                    | 1                   |
| Chaenomeles japonica       | (Thunb.) Spach          | Rosaceae             | A  | 7                   | 0                    | 7                   |
| Chaenorrhinum minus        | (L.) Lange              | Plantaginaceae       | N  | 0                   | 18                   | 18                  |
| Chaoestoma cordatum        | (Thunb.) Benth.         | Scrophulariaceae     | A  | 1                   | 0                    | 1                   |
| Chamaecyparis lawsoniana   | (A. Murray bis) Parl.   | Cupressaceae         | A  | 5                   | 0                    | 5                   |
| Chamaecyparis pisifera     | (Siebold & Zucc.) Endll.| Cupressaceae         | A  | 1                   | 0                    | 1                   |
| Chelidonium majus          | L.                      | Papaveraceae         | N  | 0                   | 27                   | 27                  |
| Chenopodium album aggr.    |                         | Amaranthaceae        | N  | 0                   | 5                    | 5                   |
| Chenopodium bonus-henricus  | L.                      | Amaranthaceae        | N  | 1                   | 0                    | 1                   |
| Chenopodium giganteum      | D. Don                  | Amaranthaceae        | A  | 9                   | 0                    | 9                   |
| Chenopodium polycephalum   | L.                      | Amaranthaceae        | N  | 0                   | 28                   | 28                  |
| Chlorophytum comosum       | (Thunb.) Jacques        | Asparagaceae         | A  | 1                   | 0                    | 1                   |
| Chrysanthemum × grandiflorum| Ramat.                 | Asteraceae           | A  | 6                   | 0                    | 6                   |
| Cichorium endivia          | L.                      | Asteraceae           | A  | 13                  | 0                    | 13                  |
| Cichorium intybus          | L.                      | Asteraceae           | N  | 8                   | 0                    | 8                   |
| Circaeae lutetiana         | L.                      | Onagraceae           | N  | 0                   | 64                   | 64                  |
| Taxon name                          | Authority       | Family               | OS  | N_{alt.} | N_{pont} | N_{total} |
|------------------------------------|-----------------|----------------------|-----|----------|----------|-----------|
| Cirsium arvense                    | (L.) Scop.      | Asteraceae           | N   | 0        | 5        | 5         |
| Cirsium vulgare                    | (Savi) Ten.     | Asteraceae           | N   | 0        | 3        | 3         |
| Cistus CV                          | Thunb.          | Cistaceae            | A   | 2        | 0        | 2         |
| Citrus japonica                    | Thunb.          | Rutaceae             | A   | 4        | 0        | 4         |
| Clematis alpina                    | (L.) Mill.      | Ranunculaceae        | N   | 3        | 0        | 3         |
| Clematis CV                        |                 | Ranunculaceae        | A   | 16       | 0        | 16        |
| Clematis montana                   | Buch.-Ham. ex DC.| Ranunculaceae        | A   | 6        | 0        | 6         |
| Clematis recta                     | L               | Ranunculaceae        | N   | 0        | 1        | 1         |
| Clematis vitalba                   | L               | Ranunculaceae        | N   | 2        | 4        | 6         |
| Cleome hassleriana                 | Schldl.         | Cleomaceae           | A   | 4        | 0        | 4         |
| Clinopodium vulgare                | L               | Lamiaceae            | N   | 1        | 0        | 1         |
| Coffea arabica                     |                 | Rubiaceae            | A   | 1        | 0        | 1         |
| Consola ajacis                     | (L.) Schur      | Ranunculaceae        | A   | 1        | 0        | 1         |
| Convallaria majalis                | L               | Asparagaceae         | N   | 39       | 0        | 39        |
| Convolvulus arvensis               | L               | Convolvulaceae       | N   | 0        | 7        | 7         |
| Convolvulus tricolor               | L               | Convolvulaceae       | A   | 2        | 0        | 2         |
| Coryza canadensis                  | (L.) Cronquist  | Asteraceae           | A   | 0        | 14       | 14        |
| Coreopsis verticillata             | L               | Asteraceae           | A   | 0        | 1        | 1         |
| Coriandrum sativum                 | L               | Apiaceae             | A   | 2        | 0        | 2         |
| Cornus alba                        | L               | Cornaceae            | A   | 2        | 0        | 2         |
| Cornus kousa                       | F. Buerger ex Hance | Cornaceae          | A   | 2        | 0        | 2         |
| Cornus mas                         | L               | Cornaceae            | N   | 9        | 0        | 9         |
| Cornus sanguinea                   | L               | Cornaceae            | N   | 15       | 7        | 22        |
| Cornus sericea                     | L               | Cornaceae            | A   | 1        | 0        | 1         |
| Cortaderia selloana                | (Schult. & Schult. f.) Asch. & Graebn. | Poaceae     | A   | 4        | 0        | 4         |
| Corydalis cava                     | (L.) Schweigg. & Körte | Papaveraceae     | N   | 0        | 9        | 9         |
| Corydalis lutea                    | (L.) DC.        | Papaveraceae         | N   | 2        | 0        | 2         |
| Corylophus paucifloria             | Siebold & Zucc. | Hamamelidaceae       | A   | 5        | 0        | 5         |
| Corylus avellana                   | L               | Betulaceae           | N   | 14       | 9        | 23        |
| Corylus maxima                     | Mill.           | Betulaceae           | A   | 5        | 0        | 5         |
| Cosmos bipinnatus                  | Cav.            | Asteraceae           | A   | 20       | 0        | 20        |
| Cosmos sulphureus                  | Cav.            | Asteraceae           | A   | 3        | 0        | 3         |
| Cotinus coggyria                   | Scop.           | Anacardiaceae        | N   | 4        | 0        | 4         |
| Cotoneaster bullatus               | Bois            | Rosaceae             | A   | 1        | 0        | 1         |
| Cotoneaster dammeri                | C. K. Schneid.  | Rosaceae             | A   | 8        | 0        | 8         |
| Cotoneaster dielsianus             | E. Pritz.       | Rosaceae             | A   | 1        | 0        | 1         |
| Cotoneaster divaricatus            | Rehder & E. H. Wilson | Rosaceae        | A   | 7        | 0        | 7         |
| Cotoneaster horizontalis           | Decne.          | Rosaceae             | A   | 4        | 0        | 4         |
| Cotoneaster salicifolius           | Franch.         | Rosaceae             | A   | 2        | 0        | 2         |
| Crataegus monogyna aggr.           |                 | Rosaceae             | N   | 8        | 5        | 13        |
| Crepis biennis                     | L               | Asteraceae           | N   | 6        | 4        | 10        |
| Crepis capillaris                  | Wallr.          | Asteraceae           | N   | 0        | 20       | 20        |
| Crocosmia × crocosmiiflora         | (Lemoine) N. E. Br. | Iridaceae         | A   | 27       | 0        | 27        |
| Cucumis melo                       | L               | Cucurbitaceae        | A   | 6        | 0        | 6         |
| Cucumis sativus                    | L               | Cucurbitaceae        | A   | 33       | 0        | 33        |
| Cucurbita maxima                   | Duchesne         | Cucurbitaceae        | A   | 14       | 0        | 14        |
| Cucurbita pepo                     | L               | Cucurbitaceae        | A   | 44       | 0        | 44        |
| Cuphea ignea                       | A. DC.          | Lythraceae           | A   | 1        | 0        | 1         |
| Cyclamen coum                      | Mill.           | Primulaceae          | A   | 1        | 0        | 1         |
| Cydonia oblonga                    | Mill.           | Rosaceae             | A   | 15       | 0        | 15        |
| Cymbalaria muralis                 | G. Gaertn. & al. | Plantaginaceae     | N   | 6        | 1        | 7         |
| Cynara cardunculus subsp. scolyms  | (L.) Beger      | Asteraceae           | A   | 12       | 0        | 12        |
| Cynodon dactylon                   | (L.) Pers.      | Poaceae              | N   | 0        | 1        | 1         |
| Cynosurus cristatus                | L               | Poaceae              | N   | 2        | 0        | 2         |
| Cyperus involucratus               | Rottb.          | Cyperaceae           | A   | 1        | 0        | 1         |
| Cytisus × paxaeoxx                  | Wheeler ex. Bean | Fabaceae            | A   | 1        | 0        | 1         |
| Dactylis glomerata                 | L               | Poaceae              | N   | 11       | 18       | 29        |
| Dahlia CV                          |                 | Asteraceae           | A   | 14       | 0        | 14        |
| Dahlia merckii                     | Lehm.           | Asteraceae           | A   | 1        | 0        | 1         |
| Daphne mezereum                    | L               | Thymelaeaceae        | N   | 2        | 0        | 2         |
| Datura innoxia                     | Mill.           | Solanaceae           | A   | 1        | 0        | 1         |
| Datura stramonium                  | L               | Solanaceae           | A   | 1        | 0        | 1         |
| Taxon name                        | Authority | Family             | OS | N<sub>Cent</sub> | N<sub>Spont</sub> | N<sub>Total</sub> |
|----------------------------------|-----------|--------------------|----|------------------|-----------------|-----------------|
| Daucus carota subsp. carota      | L.        | Apiaceae           | N  | 12               | 4               | 16              |
| Daucus carota subsp. sativus     | (Hoffm.) Arcang. | Apiaceae       | N  | 17               | 0               | 17              |
| Delphinium × cultorum            | Voss.     | Ranunculaceae      | A  | 6                | 0               | 6               |
| Deschampsia cespitosa            | (L.) P. Beauv. | Poaceae          | N  | 0                | 4               | 4               |
| Deutzia gracilis                 | Siebold & Zucc. | Hydrangeaceae   | A  | 5                | 0               | 5               |
| Deutzia scabra                   | Thunb.    | Hydrangeaceae      | A  | 2                | 0               | 2               |
| Dianthus armeria                 | L.        | Caryophyllaceae    | N  | 0                | 6               | 6               |
| Dianthus barbatus                | L.        | Caryophyllaceae    | A  | 13               | 0               | 13              |
| Dianthus carthusianorum          | L.        | Caryophyllaceae    | N  | 4                | 0               | 4               |
| Dianthus chinensis               | L.        | Caryophyllaceae    | A  | 8                | 0               | 8               |
| Dianthus deltoides               | L.        | Caryophyllaceae    | N  | 3                | 0               | 3               |
| Dianthus gratianopolitanus       | Vill.     | Caryophyllaceae    | N  | 10               | 0               | 10              |
| Dicentra spectabilis             | (L.) Fukuhara | Papaveraceae | A  | 15               | 0               | 15              |
| Dictamnus albus                  | L.        | Rutaceae           | N  | 1                | 0               | 1               |
| Digitalis grandiflora            | Mill.     | Plantaginaceae     | N  | 2                | 0               | 2               |
| Digitalis lutea                  | L.        | Plantaginaceae     | N  | 4                | 0               | 4               |
| Digitalis purpurea               | L.        | Plantaginaceae     | A  | 20               | 0               | 20              |
| Digitaria sanguinalis            | (L.) Scop. | Poaceae           | N  | 0                | 53              | 53              |
| Dionaea muscipula                | J.Ellis   | Droseraceae        | A  | 1                | 0               | 1               |
| Diospyros lotus                  | L.        | Ebenaceae          | A  | 1                | 0               | 1               |
| Diplolaxis tenuifolia            | (L.) DC.  | Brassicaceae       | N  | 16               | 0               | 16              |
| Dipsacus fullonum                | L.        | Caprifoliaceae     | N  | 11               | 0               | 11              |
| Dipsacus lacinatus               | L.        | Caprifoliaceae     | N  | 1                | 0               | 1               |
| Dipsacus pilosus                 | L.        | Caprifoliaceae     | N  | 0                | 1               | 1               |
| Doronicum orientale              | Hoffm.    | Asteraceae         | A  | 5                | 0               | 5               |
| Dracunculus vulgaris             | Schott    | Araceae            | A  | 4                | 0               | 4               |
| Dryopteris cycadina              | (Franch. & Sav.) C. Chr. | Dryopteridaceae | A  | 1                | 0               | 1               |
| Dryopteris filix-mas             | (L.) Schott | Dryopteridaceae   | N  | 48               | 0               | 48              |
| Duchesnea indica                 | (Andreas) Focke | Rosaceae     | A  | 0                | 24              | 24              |
| Echeveria elegans                | Rose      | Crassulaceae       | A  | 1                | 0               | 1               |
| Echinacea purpurea               | (L.) Moench | Asteraceae       | A  | 21               | 0               | 21              |
| Echinocloa crus-galli            | (L.) P. Beauv. | Poaceae          | N  | 0                | 4               | 4               |
| Echinops sphaerocephalus         | L.        | Asteraceae         | N  | 5                | 0               | 5               |
| Echium vulgare                   | L.        | Boraginaceae       | N  | 5                | 0               | 5               |
| Eichhornia crassipes             | (Mart.) Solms | Pontederiaceae   | A  | 1                | 0               | 1               |
| Elaeagnus × submacrophylla       | Servett.  | Elaeagnaceae       | A  | 1                | 0               | 1               |
| Eleocharis palustris aggr.       |          | Cyperaceae         | N  | 1                | 0               | 1               |
| Elodea canadensis                | Michx.    | Hydrocharitaceae   | A  | 1                | 0               | 1               |
| Elymus caninus                   | (L.) L.   | Poaceae            | N  | 0                | 2               | 2               |
| Elymus repens                    | (L.) Gould | Poaceae           | N  | 0                | 22              | 22              |
| Epilobium angustifolium          | L.        | Onagraceae         | N  | 5                | 0               | 5               |
| Epilobium dodonaei               | Vill.     | Onagraceae         | N  | 2                | 0               | 2               |
| Epilobium hirsutum               | L.        | Onagraceae         | N  | 0                | 10              | 10              |
| Epilobium montanum               | L.        | Onagraceae         | N  | 0                | 32              | 32              |
| Epilobium parviflorum            | Schreb.   | Onagraceae         | N  | 0                | 39              | 39              |
| Epilobium roseum                 | Schreb.   | Onagraceae         | N  | 0                | 37              | 37              |
| Epilobium tetragonum             | L.        | Onagraceae         | N  | 0                | 5               | 5               |
| Epimedium pinnatum               | Fisch.    | Berberidaceae      | A  | 5                | 0               | 5               |
| Equisetum arvense                | L.        | Equisetaceae       | N  | 0                | 15              | 15              |
| Equisetum telmateia              | Ehrh.     | Equisetaceae       | N  | 0                | 1               | 1               |
| Eragrostis minor                 | Host      | Poaceae            | N  | 0                | 6               | 6               |
| Eranthus hyemalis                | (L.) Salisb. | Ranunculaceae   | N  | 19               | 0               | 19              |
| Erica canea                      | L.        | Ericaceae          | N  | 3                | 0               | 3               |
| Erigeron annuus                  | (L.) Desf. | Asteraceae        | A  | 0                | 17              | 17              |
| Erigeron karvinskianus           | DC.       | Asteraceae         | A  | 1                | 0               | 1               |
| Erinus alpinus                   | L.        | Plantaginaceae     | N  | 2                | 0               | 2               |
| Erodium × hybridum               | Sünd.     | Geraniaceae        | A  | 1                | 0               | 1               |
| Erodium × variabile              | A. C. Leslie | Geraniaceae    | A  | 1                | 0               | 1               |
| Erophila verna aggr.             |          | Brassicaceae       | N  | 0                | 1               | 1               |
| Eruca sativa                     | (L.) Cav. | Brassicaceae       | A  | 9                | 0               | 9               |
| Erysimum cheiri                  | (L.) Crantz | Brassicaceae     | A  | 8                | 0               | 8               |

(continued on next page)
| Taxon name                     | Authority                  | Family               | OS | N_{alt.} | N_{pont.} | N_{total} |
|-------------------------------|----------------------------|----------------------|----|----------|-----------|-----------|
| Eschscholzia californica      | Cham.                      | Papaveraceae         | A  | 4        | 0         | 4         |
| Eucnemys europaeus            | L.                         | Celastraceae         | N  | 8        | 0         | 8         |
| Eucnemys fortunei             | (Turcz.) Hand.-Mazz.       | Celastraceae         | A  | 7        | 0         | 7         |
| Eucnemys japonicus            | Thuin.                     | Celastraceae         | A  | 6        | 0         | 6         |
| Eupatorium cannabinum         | L.                         | Asteraeae            | N  | 2        | 1         | 3         |
| Euphorbia amygdaloides        | L.                         | Euphorbiaceae        | N  | 5        | 0         | 5         |
| Euphorbia characias          | L.                         | Euphorbiaceae        | A  | 1        | 0         | 1         |
| Euphorbia cyparissias         | L.                         | Euphorbiaceae        | N  | 4        | 0         | 4         |
| Euphorbia dulcis              | L.                         | Euphorbiaceae        | N  | 0        | 2         | 2         |
| Euphorbia epithymoides        | L.                         | Euphorbiaceae        | A  | 1        | 0         | 1         |
| Euphorbia helioscopia         | L.                         | Euphorbiaceae        | N  | 0        | 2         | 2         |
| Euphorbia lathyris            | L.                         | Euphorbiaceae        | A  | 18       | 0         | 18        |
| Euphorbia maculata aggr.      |                            |                      |    |          |           |           |
| Euphorbia myrsinites          | L.                         | Euphorbiaceae        | A  | 1        | 0         | 1         |
| Euphorbia palustris           | L.                         | Euphorbiaceae        | N  | 1        | 0         | 1         |
| Euphorbia peplus              | L.                         | Euphorbiaceae        | N  | 0        | 62        | 62        |
| Euphorbia verrucosa           | L.                         | Euphorbiaceae        | N  | 1        | 0         | 1         |
| Eurema japonicum (Miq.) Koidz. |                            |                      |    |          |           |           |
| Fagopyrum esculentum          | Moench                     | Polygonaceae         | A  | 5        | 0         | 5         |
| Fagus sylvatica               | L.                         | Fagaceae             | N  | 5        | 1         | 6         |
| Fallopia aubertii (L. Henry)   | Holub                      | Polygonaceae         | A  | 2        | 0         | 2         |
| Festuca arundinacea           | Schreb.                    | Poaceae              | N  | 24       | 0         | 24        |
| Festuca cinerea               | Vill.                      | Poaceae              | A  | 1        | 0         | 1         |
| Festuca gigantea              | (L.) Vill.                 | Poaceae              | N  | 0        | 1         | 1         |
| Festuca ovina aggr.           |                            | Poaceae              | N  | 0        | 4         | 4         |
| Festuca rubra aggr.           |                            | Poaceae              | N  | 67       | 0         | 67        |
| Ficus carica                  | L.                         | Moraceae             | N  | 17       | 0         | 17        |
| Filipendula ulmaria           | (L.) Maxim.                | Rosaceae             | N  | 0        | 2         | 2         |
| Filipendula vulgaris          | Moench                     | Rosaceae             | N  | 2        | 0         | 2         |
| Foeniculum vulgare            | Mill.                      | Apiceae              | A  | 26       | 0         | 26        |
| Forsythia × intermedia        | Zabel                      | Oleaceae             | A  | 27       | 0         | 27        |
| Fragaria × ananassa           | (Weston) Rozier            | Rosaceae             | A  | 31       | 0         | 31        |
| Fragaria moschata             | Duchesne                   | Rosaceae             | N  | 1        | 0         | 1         |
| Fragaria vesca                | L.                         | Rosaceae             | N  | 0        | 66        | 66        |
| Frangula alnus                | Mill.                      | Rhamnaceae           | N  | 2        | 0         | 2         |
| Fraxinus excelsior             | L.                         | Oleaceae             | N  | 0        | 24        | 24        |
| Fritillaria imperialis        | L.                         | Liliaceae            | A  | 4        | 0         | 4         |
| Fritillaria meleagris         | L.                         | Liliaceae            | N  | 2        | 0         | 2         |
| Fuchsia magellanica           | Lam.                       | Onagraceae           | A  | 21       | 0         | 21        |
| Fumaria officinalis           | L.                         | Papaveraceae         | N  | 0        | 2         | 2         |
| Gaillardia × grandiflora      | Hort. ex Van Houtte        | Asteraeae            | A  | 1        | 0         | 1         |
| Galanthus elwesi              | Hook. f.                   | Amaryllidaceae       | A  | 4        | 0         | 4         |
| Galanthus nivalis             | L.                         | Amaryllidaceae       | N  | 43       | 0         | 43        |
| Galeopsis tetrahit            | L.                         | Lamiaceae            | N  | 0        | 16        | 16        |
| Galinsoga quadriradiata       | Ruiz & Pav.                | Asteraeae            | A  | 0        | 8         | 8         |
| Galium aparine                | L.                         | Rubiaceae            | N  | 0        | 6         | 6         |
| Galium mollugo aggr.          |                            | Rubiaceae            | N  | 5        | 13        | 18        |
| Galium odoratum               | (L.) Scop.                 | Rubiaceae            | N  | 1        | 12        | 13        |
| Galium verum                  | L.                         | Rubiaceae            | N  | 4        | 0         | 4         |
| Gaura lindeheimeri            | Engelm. & A.Gray           | Onagraceae           | A  | 6        | 0         | 6         |
| Gazania CV                    |                            | Amaryllidaceae       | N  | 2        | 0         | 2         |
| Gentiana acaulis              | L.                         | Gentianaceae         | N  | 7        | 0         | 7         |
| Geranium × cantabrigiense     | P. F. Yeo                  | Geraniaceae          | A  | 3        | 0         | 3         |
| Geranium × magnificum         | Hyl.                       | Geraniaceae          | A  | 16       | 0         | 16        |
| Geranium × oxonianum          | P. F. Yeo                  | Geraniaceae          | A  | 2        | 0         | 2         |
| Geranium dissectum            | L.                         | Geraniaceae          | N  | 0        | 1         | 1         |
| Geranium himalayense          | Klotzsch                   | Geraniaceae          | A  | 1        | 0         | 1         |
| Geranium macrohizum           | L.                         | Geraniaceae          | A  | 11       | 0         | 11        |
| Geranium nodosum              | L.                         | Geraniaceae          | N  | 1        | 0         | 1         |
| Geranium palustre             | L.                         | Geraniaceae          | N  | 1        | 1         | 1         |
| Geranium phaeum               | L.                         | Geraniaceae          | N  | 3        | 0         | 3         |
| Geranium pratense             | L.                         | Geraniaceae          | N  | 9        | 0         | 9         |
| Taxon name                                      | Authority         | Family         | OS  N<sub>cont.</sub> | N<sub>spont.</sub> | N<sub>total</sub> |
|------------------------------------------------|------------------|----------------|----------------------|------------------|------------------|
| Geranium pyrenaicum                            | Burm. f.         | Geraniaceae    | N 0 13               | 13               |
| Geranium renardii                               | Trautv.          | Geraniaceae    | A 4 0                | 4                |
| Geranium robertianum subsp.                     | Vill.            | Geraniaceae    | N 0 1                | 1                |
| purpureum                                      |                  |                |                      |                  |
| Geranium robertianum subsp.                     | L.               | Geraniaceae    | N 0 50               | 50               |
| robertianum                                    |                  |                |                      |                  |
| Geranium sanguineum                            | L.               | Geraniaceae    | N 10 0               | 10               |
| Geranium sylvaticum                             | L.               | Geraniaceae    | N 2 0                | 2                |
| Geum cocineum                                  | Sibth. & Sm.     | Rosaceae       | A 3 0                | 3                |
| Geum rivale                                     | L.               | Rosaceae       | N 0 2                | 2                |
| Geum urbanum                                    | L.               | Rosaceae       | N 0 72               | 72               |
| Ginkgo biloba                                   |                  | Ginkgoaceae    | A 4 0                | 4                |
| Gladiolus × hortulanus                         | L.H.Bailey       | Iridaceae      | A 21 0               | 21               |
| Gladiolus callianthus                           | Kelway           | Iridaceae      | A 1 0                | 1                |
| Gladiolus communis                             | L.               | Iridaceae      | A 1 0                | 1                |
| Glebionis segetum                              | (L.) Fourr.      | Asteraceae     | A 2 0                | 2                |
| Glechoma hederacea                             | L.               | Lamiaeae       | N 0 50               | 50               |
| Gleditsia triacanthos                           | L.               | Fabaceae       | A 1 0                | 1                |
| Glycine max                                     | (L.) Merr.       | Fabaceae       | A 3 0                | 3                |
| Gynostemma pentaphyllum                         | (Thunb.) Makino  | Cucurbitaceae  | A 2 0                | 2                |
| Gypsophila paniculata                          | L.               | Caryophyllaceae| A 2 0                | 2                |
| Gypsophila repens                               | L.               | Caryophyllaceae| N 2 0                | 2                |
| Hamamelis mollis                                | Oliv. ex F. B. Forbes & Hemsl. | Hamamelidaceae | A 2 0 | 2 |
| Hebe odorata                                    | Cockayne         | Scrophulariaceae| A 4 0 | 4 |
| Hedera helix                                    | L.               | Araliaceae     | N 43 5               | 48               |
| Helianthemum autumnale                          | L.               | Asteraceae     | A 4 0                | 4                |
| Helianthus nummularium                          | Dun.             | Cistaceae      | N 1 0                | 1                |
| Helianthus annuus                               | L.               | Asteraceae     | A 31 0               | 31               |
| Helianthus pauciflorus                          | Nutt.            | Asteraceae     | A 5 0                | 5                |
| Helianthus tuberosus                            | L.               | Asteraceae     | A 13 0               | 13               |
| Helichrysum bracteatum                          | (Venten.) Wild.  | Asteraceae     | A 1 0                | 1                |
| Helichrysum italicum                           | (Roth) G. Don    | Asteraceae     | A 6 0                | 6                |
| Helictotrichon pubescens                        | (Huds.) Pilg.    | Poaceae        | N 2 0                | 2                |
| Heliopsis helianthoides                         | (L.) Sweet       | Asteraceae     | A 2 0                | 2                |
| Helleborus foetidus                             | L.               | Ranunculaceae  | N 4 0                | 4                |
| Helleborus niger                                | L.               | Ranunculaceae  | N 11 0               | 11               |
| Helleborus orientalis                           | Lam.             | Ranunculaceae  | A 32 0               | 32               |
| Hemerocalis fulva                               | (L.) L.          | Asphodelaceae  | A 15 0               | 15               |
| Hemerocalis lilioasphodelus                     | L.               | Asphodelaceae  | A 1 0                | 1                |
| Hepatica nobilis                                | Schrebl.         | Ranunculaceae  | N 2 0                | 2                |
| Heracleum sphyndylum                            | L.               | Apiaceae       | N 2 2                | 4                |
| Herniaria hirsuta                               | L.               | Caryophyllaceae| N 0 1                | 1                |
| Hesperis matronalis                             | L.               | Brassicaceae   | A 4 0                | 4                |
| Heuchera americana                              | L.               | Saxifragaceae  | A 14 0               | 14               |
| Hibiscus syriacus                               | L.               | Malvaceae      | A 34 0               | 34               |
| Hibiscus trionum                                | L.               | Malvaceae      | A 1 0                | 1                |
| Hieracium aurantiacum                           | L.               | Asteraceae     | N 17 0               | 17               |
| Hieracium lachenalii                            | C. C. Gmel.      | Asteraceae     | N 0 1                | 1                |
| Hieracium murorum aggr.                         |                  | Asteraceae     | N 0 2                | 2                |
| Hieracium pilosella                             | L.               | Asteraceae     | N 3 4                | 7                |
| Hieracium pilosellioide                         | Vill.            | Asteraceae     | N 1 0                | 1                |
| Hippocrepis emerus                              | (L.) Lassen      | Fabaceae       | N 2 0                | 2                |
| Hippophae rhamnoides                            | L.               | Elaeagnaceae   | N 5 0                | 5                |
| Hippuris vulgaris                               | L.               | Plantaginaceae | N 2 0                | 2                |
| Holcus lanatus                                  | L.               | Poaceae        | N 5 12               | 17               |
| Hordeum murinum                                 | L.               | Poaceae        | N 0 1                | 1                |
| Hordeum vulgare aggr.                           |                  | Poaceae        | A 0 1                | 1                |
| Hosta CV                                        |                  | Asparagaceae   | A 16 0               | 16               |
| Humulus lupulus                                 | L.               | Cannabaceae    | N 4 4                | 8                |
| Hyacinthoides non-scripta                       | (L.) Rothm.      | Asparagaceae   | A 42 0               | 42               |
| Hyacinthus orientalis                           | L.               | Asparagaceae   | A 41 0               | 41               |

(continued on next page)
| Taxon name                          | Authority           | Family            | OS | N_{sult.}  | N_{spont.} | N_{total} |
|------------------------------------|---------------------|-------------------|----|------------|------------|-----------|
| Hydrangea aspera                   | D. Don              | Hydrangeaceae     | A  | 1          | 0          | 1         |
| Hydrangea macrophylla              | (Thunb.) Ser.       | Hydrangeaceae     | A  | 32         | 0          | 32        |
| Hydrangea paniculata               | Siebold            | Hydrangeaceae     | A  | 2          | 0          | 2         |
| Hydrangea petiolaris               | Siebold & Zucc.    | Hydrangeaceae     | A  | 10         | 0          | 10        |
| Hydrangea quercifolia              | W. Bartram         | Hydrangeaceae     | A  | 1          | 0          | 1         |
| Hypericum androsaemum              | L.                  | Hypericaceae      | N  | 2          | 0          | 2         |
| Hypericum calycinum                | L.                  | Hypericaceae      | A  | 3          | 0          | 3         |
| Hypericum perforatum               | L.                  | Hypericaceae      | N  | 8          | 7          | 15        |
| Hypericum tetramerum               | Fr.                 | Hypericaceae      | N  | 0          | 2          | 2         |
| Hypochaeris radicata               | L.                  | Asteraceae        | N  | 4          | 18         | 22        |
| Hyssopus officinalis               | L.                  | Lamiaceae         | A  | 6          | 0          | 6         |
| Iberis sempervirens                | L.                  | Brassicaceae      | A  | 23         | 0          | 23        |
| Iberis umbellata                   | L.                  | Brassicaceae      | A  | 3          | 0          | 3         |
| Ilex aquifolium                    | L.                  | Aquifoliaceae     | N  | 18         | 1          | 19        |
| Impatiens balfouri                 | Hook. f.            | Balsaminaceae     | A  | 0          | 1          | 1         |
| Impatiens balsamina                | L.                  | Balsaminaceae     | A  | 1          | 0          | 1         |
| Impatiens parviflora               | DC.                 | Balsaminaceae     | A  | 0          | 1          | 1         |
| Impatiens walleriana               | Hook. f.            | Balsaminaceae     | A  | 3          | 0          | 3         |
| Inula conyzae                      | (Griess.) Meikle    | Asteraceae        | N  | 0          | 1          | 1         |
| Inula ensifolia                    | L.                  | Asteraceae        | A  | 1          | 0          | 1         |
| Inula heliunm                      | L.                  | Asteraceae        | A  | 4          | 0          | 4         |
| Ipomoea × multifida                | (Raf.) Shinners     | Convulvulaceae    | A  | 1          | 0          | 1         |
| Ipomoea batatas                    | (L.) Lam.           | Convulvulaceae    | A  | 1          | 0          | 1         |
| Ipomoea purpurea                   | (L.) Roth           | Convulvulaceae    | A  | 11         | 0          | 11        |
| Iris × germanica                   | L.                  | Iridaceae         | N  | 32         | 0          | 32        |
| Iris × hollandica                  | hort.               | Iridaceae         | A  | 3          | 0          | 3         |
| Iris foetidissima                  | L.                  | Iridaceae         | A  | 2          | 0          | 2         |
| Iris pseudacorus                   | L.                  | Iridaceae         | N  | 4          | 1          | 5         |
| Iris sibirica                      | L.                  | Iridaceae         | N  | 6          | 0          | 6         |
| Isatis tinctoria                   | L.                  | Brassicaceae      | N  | 1          | 0          | 1         |
| Ixatia carinata                    | (Schousb.) Sch.Bip. | Asteraceae        | A  | 3          | 0          | 3         |
| Jasminum nudiflorum                | Lindl.              | Oleaceae          | A  | 8          | 0          | 8         |
| Juglans regia                      | L.                  | Juglandaceae      | N  | 6          | 6          | 12        |
| Juncus effusus                     | L.                  | Juncaceae         | N  | 0          | 1          | 1         |
| Juncus inflexus                    | L.                  | Juncaceae         | N  | 0          | 2          | 2         |
| Juncus subnodulosus                | Schrank             | Juncaceae         | N  | 0          | 1          | 1         |
| Juncus tenuis                      | Wildl.              | Juncaceae         | A  | 0          | 1          | 1         |
| Juniperus chinensis                | L.                  | Cupressaceae      | A  | 2          | 0          | 2         |
| Juniperus communis                 | L.                  | Cupressaceae      | N  | 1          | 0          | 1         |
| Kerria japonica                    | (L.) DC.            | Rosaceae          | A  | 12         | 0          | 12        |
| Kickxia spuria                     | (L.) Dumort.        | Plantaginaceae    | N  | 0          | 2          | 2         |
| Knautia arvensis                   | (L.) Coul.          | Caprifoliaceae    | N  | 4          | 0          | 4         |
| Knautia dipacifolia                | Kreutzer            | Caprifoliaceae    | N  | 2          | 0          | 2         |
| Kniphofia CV                       |                     | Liliaceae         | A  | 1          | 0          | 1         |
| Kolkwitzia amabilis                | Graebn.             | Caprifoliaceae    | A  | 8          | 0          | 8         |
| Laburnum anagyroides               | Medik.              | Fabaceae          | N  | 1          | 0          | 1         |
| Lactuca sativa                     | L.                  | Astereaceae       | A  | 29         | 0          | 29        |
| Lactuca serriola                   | L.                  | Astereaceae       | N  | 0          | 2          | 2         |
| Lamium album                       | L.                  | Lamiaceae         | N  | 1          | 0          | 1         |
| Lamium galeobdolon subsp. argentatum| (Smejkal) J. Duvign.| Lamiaceae         | A  | 19         | 0          | 19        |
| Lamiunum maculatum                 | (L.) L.             | Lamiaceae         | N  | 1          | 3          | 4         |
| Lamiunum purpureum                 | L.                  | Lamiaceae         | N  | 0          | 6          | 6         |
| Lampranthus spectabilis            | (Haw.) N. E. Br.    | Aizoaceae         | A  | 1          | 0          | 1         |
| Lantana camara                     | L.                  | Verbenaceae       | A  | 2          | 0          | 2         |
| Lapsana communis                   | L.                  | Astereaceae       | N  | 0          | 35         | 35        |
| Larix decidua                      | Mill.               | Pinaceae          | N  | 1          | 0          | 1         |
| Lathyrus latifolius                | L.                  | Fabaceae          | N  | 9          | 0          | 9         |
| Lathyrus pratensis                 | L.                  | Fabaceae          | N  | 2          | 2          | 4         |
| Lathyrus vernus                     | (L.) Bernh.         | Fabaceae          | N  | 3          | 0          | 3         |
| Laurus nobilis                     | L.                  | Lauraceae         | N  | 9          | 0          | 9         |
| Lavandula × intermedia             | Loisel.             | Lamiaceae         | A  | 53         | 0          | 53        |
| Taxon name                        | Authority | Family          | OS | N_{Cult.} | N_{spont.} | N_{total} |
|----------------------------------|-----------|-----------------|----|-----------|------------|-----------|
| Lavandula stoechas               | L.        | Lamiaceae       | A  | 9         | 0          | 9         |
| Lavatera × clementii             | Cheek     | Malvaceae       | A  | 1         | 0          | 1         |
| Lavatera trimestris              | L.        | Malvaceae       | A  | 7         | 0          | 7         |
| Lemna minor                      | L.        | Araceae         | N  | 4         | 0          | 4         |
| Lemna trisulca                   | L.        | Araceae         | N  | 1         | 0          | 1         |
| Leontodon hispidus               | L.        | Asteraceae      | N  | 4         | 2          | 6         |
| Leontopodium alpinum             | (Cass.) Greuter | Asteraceae  | N  | 3         | 0          | 3         |
| Leonurus cardiaca                | L.        | Lamiaceae       | N  | 2         | 0          | 2         |
| Lepidium latifolium              | L.        | Brassicaceae    | A  | 1         | 0          | 1         |
| Lepidium sativum                 | L.        | Brassicaceae    | A  | 1         | 0          | 1         |
| Lepidium virginicum              | L.        | Brassicaceae    | A  | 0         | 1          | 1         |
| Leucanthenum vulgar aggr.        |           | Asteraceae      | N  | 15        | 7          | 22        |
| Leucojum aestivum                | L.        | Amaryllidaceae  | N  | 4         | 0          | 4         |
| Leucojum vernum                  | L.        | Amaryllidaceae  | N  | 5         | 0          | 5         |
| Levisticum officinale            | W. D. J. Koch | Apiaceae    | A  | 22        | 0          | 22        |
| Liatris spicata                  | (L.) Willd. | Asteraceae    | A  | 1         | 0          | 1         |
| Ligularia przewalskii            | (Maxim.) Diels | Asteraceae  | A  | 6         | 0          | 6         |
| Ligustrum japonicum              | Thunb.    | Oleaceae        | A  | 2         | 0          | 2         |
| Ligustrum ovalifolium            | Hausskn.  | Oleaceae        | A  | 14        | 0          | 14        |
| Ligustrum vulgare                | L.        | Oleaceae        | N  | 16        | 1          | 17        |
| Lilium CV                        |           | Liliaceae       | A  | 11        | 0          | 11        |
| Lilium martagon                  | L.        | Liliaceae       | N  | 2         | 0          | 2         |
| Limonium platyphyllum            | Lincz.    | Plumbaginaceae  | A  | 2         | 0          | 2         |
| Limonium sinuatum                | (L.) Mill. | Plumbaginaceae  | A  | 1         | 0          | 1         |
| Linaria maroccana                | Hook. f.  | Plantaginaceae  | A  | 4         | 0          | 4         |
| Linaria purpurea                 | (L.) Mill. | Plantaginaceae  | A  | 19        | 0          | 19        |
| Linaria vulgaris                 | Mill.     | Plantaginaceae  | N  | 0         | 6          | 6         |
| Linum grandiflorum               | Desf.     | Linaceae        | A  | 2         | 0          | 2         |
| Linum usitatissimum              | L.        | Linaceae        | A  | 6         | 0          | 6         |
| Liriodendron tulipifera          | L.        | Magnoliaceae    | A  | 3         | 0          | 3         |
| Lobelia erinus                   | L.        | Campanulaceae   | A  | 2         | 0          | 2         |
| Lobelia siphilitica              | L.        | Campanulaceae   | A  | 2         | 0          | 2         |
| Lobularia maritima               | (L.) Desv. | Brassicaceae   | A  | 8         | 0          | 8         |
| Lolium perenne                   | L.        | Poaceae         | N  | 70        | 0          | 70        |
| Lonicera × purpusii              | Rehder    | Caprifoliaceae  | A  | 3         | 0          | 3         |
| Lonicera × tellmanniana          | Magyar ex H. L. Spath | Caprifoliaceae | A  | 5         | 0          | 5         |
| Lonicera caprifolium             | L.        | Caprifoliaceae  | N  | 7         | 0          | 7         |
| Lonicera henryi                  | Hems.     | Caprifoliaceae  | A  | 3         | 0          | 3         |
| Lonicera japonica                | Thunb.    | Caprifoliaceae  | A  | 5         | 0          | 5         |
| Lonicera kamtschatica            | Pojak.    | Caprifoliaceae  | A  | 3         | 0          | 3         |
| Lonicera periclymenum            | L.        | Caprifoliaceae  | N  | 6         | 0          | 6         |
| Lonicera pileata                 | Oliv.     | Caprifoliaceae  | A  | 21        | 0          | 21        |
| Lonicera xylosteum               | L.        | Caprifoliaceae  | N  | 5         | 0          | 5         |
| Lotus corniculatus               | L.        | Fabaceae        | N  | 3         | 1          | 4         |
| Lotus tetragonolobus             | L.        | Fabaceae        | A  | 1         | 0          | 1         |
| Lunaria annua                    | L.        | Brassicaceae    | A  | 3         | 0          | 3         |
| Lunaria rediviva                 | L.        | Brassicaceae    | N  | 4         | 0          | 4         |
| Lupinus polyphyllus              | Lindl.    | Fabaceae        | A  | 9         | 0          | 9         |
| Luzula campestris                | (L.) DC.  | Juncaceae       | N  | 0         | 1          | 1         |
| Luzula nivea                     | (L.) DC.  | Juncaceae       | N  | 3         | 0          | 3         |
| Luzula sylvestica                | (Huds.) Gaudin | Juncaceae  | N  | 2         | 0          | 2         |
| Lycianthes rantonnetii           | (Carrière ex Lesc.) Bitter | Solanaceae | A  | 2         | 0          | 2         |
| Lycium barbarum                 | L.        | Solanaceae      | A  | 2         | 0          | 2         |
| Lykopersicon esculentum          | Mill.     | Solanaceae      | A  | 49        | 0          | 49        |
| Lysimachia clethroides           | Duby      | Primulaceae     | A  | 3         | 0          | 3         |
| Lysimachia nummularia            | L.        | Primulaceae     | N  | 11        | 0          | 11        |
| Lysimachia punctata              | L.        | Primulaceae     | A  | 17        | 0          | 17        |
| Lysimachia vulgaris              | L.        | Primulaceae     | N  | 5         | 0          | 5         |
| Lythrum salicaria                | L.        | Lythraceae      | N  | 15        | 3          | 18        |
| Magnolia × soulangeana           | Soul.-Bod. | Magnoliaceae   | A  | 4         | 0          | 4         |
| Mahonia aquifolium               | (Pursh) Nutt. | Berberidaceae | A  | 9         | 0          | 9         |

(continued on next page)
| Taxon name                  | Authority       | Family             | OS  | $N_{alt}$ | $N_{spont}$ | $N_{total}$ |
|----------------------------|-----------------|--------------------|-----|----------|------------|-------------|
| Malus pumila               | Mill.           | Rosaceae           | A   | 43       | 0          | 43          |
| Malva alcea                | L               | Malvaceae          | N   | 6        | 0          | 6           |
| Malva moschata             | L               | Malvaceae          | N   | 10       | 1          | 11          |
| Malva neglecta             | Wallr.          | Malvaceae          | N   | 0        | 4          | 4           |
| Malva sylvestris           | L               | Malvaceae          | N   | 18       | 0          | 18          |
| Malva verticillata         | L               | Malvaceae          | A   | 1        | 0          | 1           |
| Mandevilla splendens       | (Hook. f.) Woodson | Apocynaceae      | A   | 4        | 0          | 4           |
| Matricaria chamomilla      | L               | Asteraceae         | N   | 1        | 6          | 7           |
| Matricaria discoidea       | DC.             | Asteraceae         | A   | 0        | 1          | 1           |
| Matteuccia struthiopteris  | (L.) Tod.       | Onocleaceae        | N   | 9        | 0          | 9           |
| Matthiola incana           | (L.) R. Br.     | Brassicaceae       | A   | 3        | 0          | 3           |
| Meconopsis cambrica        | (L.) Vig.       | Papaveraceae       | A   | 5        | 0          | 5           |
| Medicago lupulina          | L               | Fabaceae           | N   | 0        | 19         | 19          |
| Medicago sativa            | L               | Fabaceae           | N   | 2        | 2          | 4           |
| Melampyrum arvense         | L               | Orobanchaceae      | N   | 1        | 0          | 1           |
| Melica nutans              | L               | Poaceae            | A   | 2        | 4          | 6           |
| Melilotus albus            | Medik.          | Fabaceae           | N   | 0        | 1          | 1           |
| Melilotus officinalis      | (L.) Pall.      | Fabaceae           | N   | 2        | 0          | 2           |
| Melissa officinalis        | L               | Lamiaceae          | N   | 42       | 0          | 42          |
| Melittis melissophyllum    | L               | Lamiaceae          | N   | 2        | 0          | 2           |
| Melothria scabra           | Naudin          | Cucurbitaceae      | A   | 3        | 0          | 3           |
| Mentha × piperita          | L               | Lamiaceae          | A   | 50       | 0          | 50          |
| Mentha aquatica            | L               | Lamiaceae          | N   | 2        | 0          | 2           |
| Mentha longifolia          | (L.) Huds.      | Lamiaceae          | N   | 1        | 3          | 4           |
| Mentha spicata             | L               | Lamiaceae          | A   | 18       | 0          | 18          |
| Mentha suaveolens          | Ehrh.           | Lamiaceae          | N   | 13       | 0          | 13          |
| Menyanthes trifoliata      | L               | Menyanthaceae      | N   | 4        | 0          | 4           |
| Mercurialis perennis       | L               | Euphorbiaceae      | N   | 0        | 2          | 2           |
| Mespilus germanica         | L               | Rosaceae           | N   | 1        | 0          | 1           |
| Mirabilis jalapa           | L               | Nyctaginaceae      | A   | 1        | 0          | 1           |
| Miscanthus sinensis        | Andersson       | Poaceae            | A   | 5        | 0          | 5           |
| Moehringia trinervia       | (L.) Clairv.    | Caryophyllaceae    | N   | 0        | 1          | 1           |
| Molinia caerulea           | (L.) Moench     | Poaceae            | N   | 1        | 0          | 1           |
| Monarda didyma             | L               | Lamiaceae          | A   | 11       | 0          | 11          |
| Morus nigra                | L               | Moraceae           | A   | 3        | 0          | 3           |
| Muehlenbeckia complexa     | Meisn.          | Polygonaceae       | A   | 1        | 0          | 1           |
| Musa basjoo                | Siebold & Zucc. ex linuma | Musaceae    | A   | 2        | 0          | 2           |
| Muscari armeniacum         | Baker           | Asparagaceae       | A   | 33       | 0          | 33          |
| Mycelis muralis            | (L.) Dumort.    | Astereae           | N   | 0        | 6          | 6           |
| Myosotis arvensis          | Hill            | Boraginaceae       | N   | 0        | 10         | 10          |
| Myosotis sylvatica         | Hoffm.          | Boraginaceae       | N   | 31       | 0          | 31          |
| Myriophyllum spicatum      | L               | Haloragaceae       | N   | 1        | 0          | 1           |
| Myrrhis odorata            | (L.) Scop.      | Apiaceae           | N   | 1        | 0          | 1           |
| Narcissus cyclamineus      | DC.             | Amaryllidaceae     | A   | 39       | 0          | 39          |
| Narcissus jonquilla        | L               | Amaryllidaceae     | A   | 1        | 0          | 1           |
| Narcissus poeticus         | L               | Amaryllidaceae     | N   | 1        | 0          | 1           |
| Narcissus pseudonarcissus  | L               | Amaryllidaceae     | N   | 57       | 0          | 57          |
| Narcissus tazetta          | L               | Amaryllidaceae     | A   | 4        | 0          | 4           |
| Narthecium ossifragum      | (L.) Huds.      | Nartheciaceae      | A   | 1        | 0          | 1           |
| Nepeta × faassenii         | Stearn          | Lamiaceae          | A   | 9        | 0          | 9           |
| Nerium oleander            | L               | Apocynaceae        | A   | 6        | 0          | 6           |
| Nicotiana × sanderae       | W. Watson       | Solanaceae         | A   | 1        | 0          | 1           |
| Nicotiana tabacum          | L               | Solanaceae         | A   | 1        | 0          | 1           |
| Nigella damascena          | L               | Ranunculaceae      | A   | 20       | 0          | 20          |
| Nymphaea alba              | L               | Nymphaceae         | N   | 10       | 0          | 10          |
| Nymphoides peltata         | (S. G. Gmel.) Kuntze | Gentianaceae     | N   | 1        | 0          | 1           |
| Ocimum basilicum           | L               | Lamiaceae          | A   | 29       | 0          | 29          |
| Ocimum tenuiflorum         | L               | Lamiaceae          | A   | 2        | 0          | 2           |
| Oenothera biennis aggr.    | L               | Onagraceae         | A   | 1        | 32         | 33          |
| Oenothera fruticosa        | L               | Onagraceae         | A   | 1        | 0          | 1           |
| Oenothera parviflora aggr. | L               | Onagraceae         | A   | 0        | 1          | 1           |
| Olea europaea              | L               | Oleaceae           | A   | 4        | 0          | 4           |
| Taxon name                          | Authority                    | Family         | OS | N<sub>cut</sub> | N<sub>spont</sub> | N<sub>total</sub> |
|------------------------------------|------------------------------|----------------|----|-----------------|-------------------|------------------|
| Onobrychis viciifolia              | Scop.                        | Fabaceae       | A 2| 0               | 2                 |                  |
| Onoclea sensibilis                 | L.                           | Onocleaceae    | A 1| 0               | 1                 |                  |
| Opuntia humifusa                   | (Raf.) Raf.                  | Cactaceae      | A 1| 0               | 1                 |                  |
| Opuntia phaeacantha                | Engelm.                     | Cactaceae      | A 3| 0               | 3                 |                  |
| Origanum majorana                  | L.                           | Lamiaceae      | A 2| 0               | 2                 |                  |
| Origanum vulgare                   | L.                           | Lamiaceae      | N 41| 1               | 42                |                  |
| Orlaya grandiflora                 | (L.) Hoffm.                 | Apiaceae       | N 1| 0               | 1                 |                  |
| Ornithogalum umbellatum            | L.                           | Asparagaceae   | N 2| 0               | 2                 |                  |
| Orobanche hederae                  | Duby                        | Orobancheaceae | N 0| 1               | 1                 |                  |
| Osmanthus heterophyllus            | (G Don) P.S. Green           | Oleaceae       | A 1| 0               | 1                 |                  |
| Osmunda regalis                    | L.                           | Osmundaceae    | N 1| 0               | 1                 |                  |
| Oxalis corniculata                 | L.                           | Oxalidaceae    | N 0| 57              | 57                |                  |
| Oxalis debilis                     | Kunth                        | Oxalidaceae    | A 5| 0               | 5                 |                  |
| Oxalis stricta                     | L.                           | Oxalidaceae    | A 0| 48              | 48                |                  |
| Oxalis tetraphylla                 | Cav.                         | Oxalidaceae    | A 5| 0               | 5                 |                  |
| Oxalis triangularis                | A. St.-Hil.                 | Oxalidaceae    | A 3| 0               | 3                 |                  |
| Pachysandra terminalis             | Siebold & Zucc.             | Boxaceae       | A 1| 0               | 1                 |                  |
| Paonia × sufruticosa               | Andrews                     | Paoniaceae     | A 7| 0               | 7                 |                  |
| Paonia lactiflora                  | Pall.                        | Paoniaceae     | A 41| 0              | 41                |                  |
| Paonia lutea                       | Franch.                     | Paoniaceae     | A 1| 0               | 1                 |                  |
| Paonia officinalis                 | L.                           | Paoniaceae     | N 9| 0               | 9                 |                  |
| Panicum capillare aggr.            |                              | Poaceae        | A 10| 10          |                   |                  |
| Panicum miliaceum                  | L.                           | Poaceae        | A 0| 1               | 1                 |                  |
| Panicum virgatum                   | L.                           | Poaceae        | A 1| 0               | 1                 |                  |
| Papaver croceum                    | L.                           | Papaveraceae   | A 1| 0               | 1                 |                  |
| Papaver dubium                     | L.                           | Papaveraceae   | N 0| 1               | 1                 |                  |
| Papaver orientale                  | L.                           | Papaveraceae   | A 13| 0           | 13                |                  |
| Papaver rhoes                      | L.                           | Papaveraceae   | N 6| 0               | 6                 |                  |
| Papaver sommiferum                 | L.                           | Papaveraceae   | A 9| 0               | 9                 |                  |
| Parrotia persica                   | C.A. Mey.                   | Hamamelidaceae | A 2| 0               | 2                 |                  |
| Parthenocissus quinquefolia aggr.  |                               | Vitaceae       | A 16| 0            | 16                |                  |
| Parthenocissus tricispida          | (Siebold & Zucc.) Planch.    | Vitaceae       | A 7| 0               | 7                 |                  |
| Passiflora caerulea                | L.                           | Passifloraceae | A 4| 0               | 4                 |                  |
| Pastinaca sativa                   | L.                           | Apiaceae       | N 4| 0               | 4                 |                  |
| Pelargonium CV                     |                              | Geraniaceae    | A 21| 0           | 21                |                  |
| Pennisetum alopecuroides           | (L.) Spreng.                | Poaceae        | A 7| 0               | 7                 |                  |
| Perilla frutescens                 | (L.) Britton                | Lamiaceae      | A 1| 0               | 1                 |                  |
| Perovskia atriplicifolia           | Benth.                      | Lamiaceae      | A 4| 0               | 4                 |                  |
| Persea americana                   | Mill.                       | Lauraceae      | A 1| 0               | 1                 |                  |
| Petasites albus                    | (L.) Gaertn.                | Asteraceae     | N 1| 0               | 1                 |                  |
| Petrophragia saxifraga             | (L.) Link                    | Caryophyllaceae| N 2| 0              | 2                 |                  |
| Petrosolimum crispum               | (Mill.) Fuss                | Apiaceae       | A 25| 0            | 25                |                  |
| Petunia × atkinsiana               | D. Don ex W. H. Baxter      | Solanaceae     | A 12| 0           | 12                |                  |
| Phacelia campanulata               | A. Gray                     | Boraginaceae   | A 1| 0               | 1                 |                  |
| Phacelia tanacetifolia             | Benth.                      | Boraginaceae   | A 11| 0           | 11                |                  |
| Phalaris arundinacea               | L.                           | Poaceae        | N 2| 0               | 2                 |                  |
| Phalaris canariensis               | L.                           | Poaceae        | A 0| 1               | 1                 |                  |
| Phaseolus vulgaris                 | L.                           | Fabaceae       | A 36| 0           | 36                |                  |
| Philadelphus coronarius            | L.                           | Hydrangeaceae  | A 18| 0           | 18                |                  |
| Phleum pratense                    | L.                           | Poaceae        | N 1| 2               | 3                 |                  |
| Phlomis fruticosa                  | L.                           | Lamiaceae      | A 1| 0               | 1                 |                  |
| Phlomis russeliana                 | Benth.                      | Lamiaceae      | A 2| 0               | 2                 |                  |
| Phlox paniculata                   | L.                           | Polemoniaceae  | A 32| 0           | 32                |                  |
| Phlox subulata                     | L.                           | Polemoniaceae  | A 10| 0           | 10                |                  |
| Phoenix roebelii                   | O’Brien                     | Areceaceae     | A 2| 0               | 2                 |                  |
| Phyllitis scolopendrium            | (L.) Newman                 | Aspleniaceae   | N 8| 0               | 8                 |                  |
| Physostachys aurea                 | (Rivière & C. Rivière)      | Poaceae        | A 1| 0               | 1                 |                  |
| Physalis alkekengi                 | L.                           | Solanaceae     | A 5| 0               | 5                 |                  |
| Physalis peruviana                 | L.                           | Solanaceae     | A 13| 0           | 13                |                  |
| Physalis philadelphica             | Lam.                        | Solanaceae     | A 2| 0               | 2                 |                  |
| Physostegia virginiana             | (L.) Benth.                 | Lamiaceae      | A 5| 0               | 5                 |                  |

(continued on next page)
| Taxon name | Authority | Family | OS | N_{alt.} | N_{pont.} | N_{total} |
|------------|-----------|--------|----|---------|---------|----------|
| Picea abies | (L.) H. Karst. | Pinaceae | N | 10 | 0 | 10 |
| Picea glauca var. Albertiana | | Pinaceae | A | 7 | 0 | 7 |
| Picea omorika | (Pine) Purk. | | | | | |
| Picea pungens | Engel. | Pinaceae | A | 2 | 0 | 2 |
| Picris hieracioides | | Asteraceae | N | 0 | 1 | 1 |
| Pieris japonica | (Thunb.) D. Don ex G. Don | Ericaceae | A | 1 | 0 | 1 |
| Pimpinella major | (L.) Huds. | Apiaceae | N | 1 | 0 | 1 |
| Pimpinella saxifraga | | Apiaceae | N | 2 | 0 | 2 |
| Pinus cembra | L. | Pinaceae | N | 1 | 0 | 1 |
| Pinus mugo | Turra | Pinaceae | N | 10 | 0 | 10 |
| Pinus strobus | L. | Pinaceae | A | 1 | 0 | 1 |
| Pinus sylvestris | L. | Pinaceae | N | 3 | 0 | 3 |
| Pism sativum | L. | Fabaceae | N | 6 | 0 | 6 |
| Plantago coronopus | L. | Plantaginaceae | A | 1 | 0 | 1 |
| Plantago lanceolata | (Gilib.) Lange | Plantaginaceae | N | 28 | 10 | 38 |
| Plantago major subsp. intermedia | | Plantaginaceae | N | 1 | 0 | 1 |
| Plantago major subsp. major | L. | Plantaginaceae | N | 43 | 0 | 43 |
| Plantago media | L. | Plantaginaceae | N | 3 | 1 | 4 |
| Platycodon grandiflorus | (Jacq.) A. DC. | Campanulaceae | A | 3 | 0 | 3 |
| Plumbago auriculata | Lam. | Plumbaginaceae | A | 1 | 0 | 1 |
| Poa annua | L. | Poaceae | N | 66 | 0 | 66 |
| Poa compressa | L. | Poaceae | N | 2 | 0 | 2 |
| Poa nemoralis | L. | Poaceae | N | 4 | 0 | 4 |
| Poa pratensis | L. | Poaceae | N | 31 | 0 | 31 |
| Poa trivialis | L. | Poaceae | N | 40 | 10 | 50 |
| Polemonium caeruleum | L. | Polemoniaceae | N | 3 | 0 | 3 |
| Polygonatum multiflorum | (L.) All. | Asparagaceae | N | 17 | 14 | 31 |
| Polygonum aviculare aggr. | | Polygonaceae | N | 7 | 0 | 7 |
| Polygonum bistorta | L. | Polygonaceae | N | 1 | 0 | 1 |
| Polygonum persicaria | L. | Polygonaceae | N | 13 | 0 | 13 |
| Polystichum setiferum | (Forssk.) Woyt. | Dryopteridaceae | N | 10 | 0 | 10 |
| Pontederia cordata | L. | Pontederiaceae | A | 2 | 0 | 2 |
| Populus nigra aggr. | | Salicaceae | N | 2 | 0 | 2 |
| Portulaca oleracea | L. | Portulacaceae | N | 32 | 0 | 32 |
| Potamogeton natans | L. | Potamogetonaceae | N | 3 | 0 | 3 |
| Potentilla anserina | L. | Rosaceae | N | 2 | 0 | 2 |
| Potentilla argentia | L. | Rosaceae | N | 5 | 0 | 5 |
| Potentilla fruticosa | (L.) Rydb. | Rosaceae | A | 5 | 0 | 5 |
| Potentilla recta | L. | Rosaceae | N | 1 | 0 | 1 |
| Potentilla reptans | L. | Rosaceae | N | 34 | 0 | 34 |
| Potentilla sterilis | (L.) Garcke | Rosaceae | N | 18 | 0 | 18 |
| Potentilla verna | L. | Rosaceae | N | 2 | 0 | 2 |
| Primula aculis | Huds. | Primulaceae | N | 85 | 0 | 85 |
| Primula elatior | (L.) L. | Primulaceae | N | 11 | 10 | 21 |
| Primula veris | L. | Primulaceae | N | 3 | 0 | 3 |
| Prunella grandiflora | (L.) Scholler | Lamiaceae | N | 2 | 0 | 2 |
| Prunella vulgaris | L. | Lamiaceae | N | 36 | 8 | 44 |
| Prunus armeniaca | L. | Rosaceae | A | 16 | 0 | 16 |
| Prunus avium | L. | Rosaceae | N | 17 | 16 | 33 |
| Prunus cerasifera | Ehrh. | Rosaceae | A | 4 | 0 | 4 |
| Prunus cerasus | L. | Rosaceae | A | 1 | 0 | 1 |
| Prunus domestica | L. | Rosaceae | A | 19 | 0 | 19 |
| Prunus dulcis | (Mill.) D. A. Webb | Rosaceae | A | 1 | 0 | 1 |
| Prunus kirkensis | (Miyabe) Miyabe | Rosaceae | A | 1 | 0 | 1 |
| Prunus laurocerasus | L. | Rosaceae | A | 17 | 0 | 17 |
| Prunus lusitanica | L. | Rosaceae | A | 2 | 0 | 2 |
| Prunus padus | L. | Rosaceae | N | 3 | 0 | 3 |
| Prunus persica | (L.) Batsch | Rosaceae | A | 6 | 0 | 6 |
| Prunus serrulata | Lindl. | Rosaceae | A | 3 | 0 | 3 |
| Prunus spinosa | L. | Rosaceae | N | 5 | 0 | 5 |
| Prunus triloba | Lindl. | Rosaceae | A | 1 | 0 | 1 |
| Pseudolysimachion spicatum | (L.) Opiz | Plantaginaceae | N | 3 | 0 | 3 |
| Taxon name                                      | Authority         | Family          | OS | NaNspont. | Ntotal |
|------------------------------------------------|-------------------|-----------------|----|-----------|--------|
| Pseudosasa japonica                            | (Steud.) Nakai    | Poaceae         | A 8| 0         | 8      |
| Pulmonaria obscura                              | Dumort.           | Boraginaceae    | N 2| 0         | 2      |
| Pulmonaria officinalis                          | L.                | Boraginaceae    | N 2| 0         | 2      |
| Pulsatilla vulgaris                             | L.                | Ranunculaceae   | N 6| 0         | 6      |
| Punica granatum                                 | L.                | Lythraceae      | A 1| 0         | 1      |
| Pyracantha coccinea                             | M. Roem.          | Rosaceae        | A 6| 0         | 6      |
| Pyrus communis                                  | L.                | Rosaceae        | A 15| 0        | 15     |
| Quercus robur                                   | L.                | Fagaceae        | N 2| 5         | 7      |
| Ranunculus acris subsp. fritesianus             | (Jord.) Syme      | Ranunculaceae   | N 5| 13        | 18     |
| Ranunculus auricomus aggr.                     |                   | Ranunculaceae   | N 0| 1         | 1      |
| Ranunculus bulbosus                             | L.                | Ranunculaceae   | N 1| 0         | 1      |
| Ranunculus ficaria                              | L.                | Ranunculaceae   | N 9| 69        | 69     |
| Ranunculus gramineus                            | L.                | Ranunculaceae   | N 1| 0         | 1      |
| Ranunculus lingua                               | L.                | Ranunculaceae   | N 2| 0         | 2      |
| Ranunculus repens                               | L.                | Ranunculaceae   | N 0| 53        | 53     |
| Raphanus sativus                                | L.                | Brassicaceae    | A 27| 0        | 27     |
| Reseda lutea                                    | L.                | Rosedaeae       | N 3| 0         | 3      |
| Rheum rhabarbarum                              | L.                | Polygonaceae    | A 29| 0        | 29     |
| Rhodiol rosea                                   | L.                | Crassulaceae    | N 1| 0         | 1      |
| Rhododendron Catawbienese Group                 |                   | Ericaceae       | A 19| 0        | 19     |
| Rhododendron luteum                            | Sweet             | Ericaceae       | A 3| 0         | 3      |
| Rhus typhina                                    | L.                | Anacardiaceae   | A 1| 0         | 1      |
| Ribes × nidigrolaria                            | Rud. Bauer & A. Bauer | Grossulariaceae | A 8| 0        | 8      |
| Ribes alpinum                                   | L.                | Grossulariaceae | N 2| 0         | 2      |
| Ribes aureum                                    | Pursh             | Grossulariaceae | A 2| 0         | 2      |
| Ribes nigrum                                    | L.                | Grossulariaceae | A 15| 0        | 15     |
| Ribes rubrum                                    | L.                | Grossulariaceae | A 56| 0        | 56     |
| Ribes sanguineum                                | Pursh             | Grossulariaceae | A 1| 0         | 1      |
| Ribes uva-crispa                                | L.                | Grossulariaceae | N 24| 0        | 24     |
| Ricinus communis                                | L.                | Euphorbiaceae   | A 3| 0         | 3      |
| Robinia pseudoacacia                            | L.                | Fabaceae        | A 2| 3         | 5      |
| Rodgersia aesculifolia                          | Batalin           | Saxifragaceae   | A 1| 0         | 1      |
| Rodgersia podophylla                            | A. Gray           | Saxifragaceae   | A 1| 0         | 1      |
| Rorippa sylvestris                              | (L.) Besser       | Brassicaceae    | N 0| 2         | 2      |
| Rosa arvensis                                   | Huds.             | Rosaceae        | N 1| 0         | 1      |
| Rosa canina aggr.                               |                   | Rosaceae        | N 11| 10        | 21     |
| Rosa CV                                         |                   | Rosaceae        | A 68| 0        | 68     |
| Rosa glauca                                     | Pourr.            | Rosaceae        | N 5| 0         | 5      |
| Rosa multiflora                                 | Thunb.            | Rosaceae        | A 2| 0         | 2      |
| Rosa pendulina                                  | L.                | Rosaceae        | N 1| 0         | 1      |
| Rosa rubiginosa aggr.                           |                   | Rosaceae        | N 3| 0         | 3      |
| Rosa rugosa                                     | Thunb.            | Rosaceae        | A 1| 0         | 1      |
| Rosa spinosissima                               | L.                | Rosaceae        | N 4| 0         | 4      |
| Rosmarinus officinalis                          | L.                | Lamiaceae       | A 43| 0        | 43     |
| Rubus armeniacus                                | Focke             | Rosaceae        | A 47| 1        | 48     |
| Rubus caesius                                   | L.                | Rosaceae        | N 0| 11        | 11     |
| Rubus idaeus                                     | L.                | Rosaceae        | N 47| 0        | 47     |
| Rubus phoenicolasius                            | Maxim.            | Rosaceae        | A 1| 0         | 1      |
| Rudbeckia hirta                                 | L.                | Asteraceae      | A 20| 0        | 20     |
| Rudbeckia laciniata                             | L.                | Asteraceae      | A 3| 0         | 3      |
| Rumex acetosa                                   | L.                | Polygonaceae    | N 0| 4         | 4      |
| Rumex obtusifolius                              | L.                | Polygonaceae    | N 0| 18        | 18     |
| Rumex sanguineus                                | L.                | Polygonaceae    | N 10| 0        | 10     |
| Ruscus aculeatus                                | L.                | Asparagaceae    | N 1| 0         | 1      |
| Ruta graveolens                                  | L.                | Rutaceae        | N 9| 0         | 9      |
| Sagina procumbens                               | L.                | Caryophyllaceae | N 0| 20        | 20     |
| Sagittaria latifolia                            | Willd.            | Alismataceae    | A 1| 0         | 1      |
| Salix × fragilis                                | L.                | Salicaceae      | A 1| 0         | 1      |
| Salix caprea                                     | L.                | Salicaceae      | N 4| 13        | 17     |
| Salix gracilistyla                              | Miq.              | Salicaceae      | A 1| 0         | 1      |
| Salix integra                                    | Thunb.            | Salicaceae      | A 1| 0         | 1      |
(continued on next page)
| Taxon name         | Authority | Family        | OS   | $N_{\text{ult.}}$ | $N_{\text{pont.}}$ | $N_{\text{total}}$ |
|-------------------|-----------|---------------|------|-------------------|-------------------|-------------------|
| Salix matsudana   | L.        | Salicaceae    | A 1  | 0                 | 1                 | 1                 |
| Salix purpurea    | L.        | Salicaceae    | N 1  | 0                 | 1                 | 1                 |
| Salvia × jamensis | J. Compton | Lamiaceae    | A 1  | 0                 | 1                 | 1                 |
| Salvia × sylvestris | L.      | Lamiaceae    | A 3  | 0                 | 3                 | 3                 |
| Salvia africana   | L.        | Lamiaceae    | A 1  | 0                 | 1                 | 1                 |
| Salvia apiana     | Jeps.     | Lamiaceae    | A 1  | 0                 | 1                 | 1                 |
| Salvia elegans    | Vahl      | Lamiaceae    | A 9  | 0                 | 9                 | 9                 |
| Salvia farinacea  | Benth.    | Lamiaceae    | A 1  | 0                 | 1                 | 1                 |
| Salvia glutinosa  | L.        | Lamiaceae    | N 1  | 0                 | 1                 | 1                 |
| Salvia officinalis| L.        | Lamiaceae    | A 33 | 0                 | 33                | 33                |
| Salvia patens     | Cav.      | Lamiaceae    | A 5  | 0                 | 5                 | 5                 |
| Salvia pratensis  | L.        | Lamiaceae    | N 2  | 0                 | 2                 | 2                 |
| Salvia scclarea   | L.        | Lamiaceae    | A 4  | 0                 | 4                 | 4                 |
| Salvia verticillata| L.       | Lamiaceae    | A 1  | 0                 | 1                 | 1                 |
| Sambucus nigra    | L.        | Adoxaceae    | N 27 | 11                | 38                |                   |
| Sanguisorba minor | Scop.     | Rosaceae     | N 8  | 0                 | 8                 | 8                 |
| Sanguisorba officinalis | L.   | Rosaceae     | N 3  | 0                 | 3                 | 3                 |
| Santolina chamaecyparissus | L. | Asteraceae   | A 3  | 0                 | 3                 | 3                 |
| Santolina rosmarinifolia | L. | Asteraceae   | A 2  | 0                 | 2                 | 2                 |
| Sanvitalia procumbens | Lam. | Asteraceae   | A 4  | 0                 | 4                 | 4                 |
| Saponaria ocyroides | L. | Caryophyllaceae | N 4 | 0                 | 4                 | 4                 |
| Saponaria officinalis | L. | Caryophyllaceae | N 5  | 10                | 15                |                   |
| Sarracenia purpurea | L. | Sarraceniaceae | A 1  | 0                 | 1                 | 1                 |
| Satureja hortensis | L. | Lamiaceae    | A 7  | 0                 | 7                 | 7                 |
| Satureja montana  | L.        | Lamiaceae    | A 9  | 0                 | 9                 | 9                 |
| Saxifraga × arendsi | Engl. | Saxifragaceae | A 10 | 0                 | 10                |                   |
| Saxifraga paniculata | Mill. | Saxifragaceae | N 5  | 0                 | 5                 |                   |
| Saxifraga stolonifera | Meerb. | Saxifragaceae | A 1  | 0                 | 1                 |                   |
| Saxifraga tridactylites | L. | Saxifragaceae | N 0  | 4                 | 4                 |                   |
| Saxifraga umbrosa  | L.        | Saxifragaceae | A 4  | 0                 | 4                 |                   |
| Scabiosa caucasica | (M. Bieb.) Greuter & Burdet | Caprifoliaceae | A 4  | 0                 | 4                 |                   |
| Scabiosa columbaria | L.     | Caprifoliaceae | N 4  | 0                 | 4                 |                   |
| Scabiosa ochroleuca | L. | Caprifoliaceae | A 1  | 0                 | 1                 |                   |
| Schoenoplectus lacustris | (L.) Palla | Cyperaceae | N 1  | 0                 | 1                 |                   |
| Schoenoplectus mucronatus | (L.) Palla | Cyperaceae | N 0  | 1                 | 1                 |                   |
| Scilla forbesii   | (Baker) Speta | Asparagaceae | A 29 | 0                 | 29                |                   |
| Scilla siberica   | Haw.      | Asparagaceae | A 21 | 0                 | 21                |                   |
| Scorzonera hispanica | L.       | Asteraeace   | A 4  | 0                 | 4                 |                   |
| Scrophularia nodosa | L. | Scrophulariaceae | N 0  | 4                 | 4                 |                   |
| Scutellaria altissima | L. | Lamiaceae    | A 1  | 0                 | 1                 |                   |
| Sechium edule     | (Jacq.) Sw. | Cucurbitaceae | A 3  | 0                 | 3                 |                   |
| Securigera varia  | (L.) Lassen | Fabaceae    | N 0  | 1                 | 1                 |                   |
| Sedum acre        | L.        | Crassulaceae | N 0  | 1                 | 1                 |                   |
| Sedum album       | L.        | Crassulaceae | N 9  | 1                 | 10                |                   |
| Sedum floriferum  | Fisch.    | Crassulaceae | A 14 | 0                 | 14                |                   |
| Sedum hispanicum  | L.        | Crassulaceae | N 0  | 2                 | 2                 |                   |
| Sedum rupestre aggr. | Crassulaceae | N 14 | 0     | 14                |                   |                   |
| Sedum sexangulare | L.       | Crassulaceae | N 1  | 18                | 19                |                   |
| Sedum sieboldii   | Regel     | Crassulaceae | A 2  | 0                 | 2                 |                   |
| Sedum spurium     | M. Bieb.  | Crassulaceae | A 14 | 0                 | 14                |                   |
| Sedum telephium   | L.        | Crassulaceae | N 36 | 0                 | 36                |                   |
| Sempervivum arachnoideum | L. | Crassulaceae | N 1  | 0                 | 1                 |                   |
| Sempervivum montanum | L. | Crassulaceae | N 1  | 0                 | 1                 |                   |
| Sempervivum tectorum | L. | Crassulaceae | N 18 | 0                 | 18                |                   |
| Senecio cineraria  | DC.       | Asteraeace   | A 3  | 0                 | 3                 |                   |
| Senecio jacobaea   | L.        | Asteraeace   | A 1  | 3                 | 4                 |                   |
| Senecio vulgaris   | L.        | Asteraeace   | N 0  | 32                | 32                |                   |
| Setaria italica    | (L.) P. Beauv. | Poaceae   | A 0  | 1                 | 1                 |                   |
| Setaria pumila     | (Poir.) Roem. & Schult. | Poaceae | N 0  | 2                 | 2                 |                   |
| Setaria verticillata | (L.) P. Beauv. | Poaceae | N 0  | 2                 | 2                 |                   |
| Setaria viridis    | (L.) P. Beauv. | Poaceae | N 0  | 7                 | 7                 |                   |
| Sherardia arvensis | L.        | Rhamaceae   | N 0  | 2                 | 2                 |                   |
| Taxon name                  | Authority         | Family            | OS  | N<sub>Cont.</sub> | N<sub>Spont.</sub> | N<sub>Total</sub> |
|----------------------------|-------------------|-------------------|-----|-------------------|-------------------|------------------|
| Silene armeria             | L.                | Caryophyllaceae   | N 1 | 0                 | 1                 |
| Silene chaledonica         | (L.) E. H. L. Krause | Caryophyllaceae   | A 3 | 0                 | 3                 |
| Silene coronaria           | (L.) Clairv.      | Caryophyllaceae   | N 11| 0                 | 11                |
| Silene dioica              | (L.) Clairv.      | Caryophyllaceae   | N 3 | 4                 | 7                 |
| Silene flos-cuculi         | (L.) Clairv.      | Caryophyllaceae   | N 3 | 0                 | 3                 |
| Silene nutans              | L.                | Caryophyllaceae   | N 0 | 1                 | 1                 |
| Silene pratensis           | (Rafn) Godr.      | Caryophyllaceae   | N 0 | 1                 | 1                 |
| Silene vulgaris            | (Moench) Garcke   | Caryophyllaceae   | N 3 | 0                 | 3                 |
| Silybum marianum           | (L.) Gaertn.      | Asteraceae        | A   | 1                 | 0                 |
| Sinapis alba               | L.                | Brassicaceae      | N   | 8                 | 1                 |
| Sium sisarum              | L.                | Apiaceae          | A   | 1                 | 0                 |
| Skimmia japonica           | Thunb.            | Rutaceae          | A   | 3                 | 0                 |
| Solanum dulcamara         | L.                | Solanaceae        | N   | 0                 | 5                 |
| Solanum jasminoides        | J. Paxton         | Solanaceae        | A   | 3                 | 0                 |
| Solanum melongena          | L.                | Solanaceae        | A   | 11                | 0                 |
| Solanum muricatum          | Aiton             | Solanaceae        | A   | 1                 | 0                 |
| Solanum nigrum            | L.                | Solanaceae        | N   | 0                 | 8                 |
| Solanum sisymbriifolium    | Lam.              | Solanaceae        | A   | 1                 | 0                 |
| Solanum tuberosum          | L.                | Solanaceae        | A   | 34                | 0                 |
| Selenostemon scutellarioides | (L.) R. Br.    | Lamiaeae          | A   | 1                 | 0                 |
| Solidago canadensis        | L.                | Asteraceae        | A   | 15                | 0                 |
| Solidago gigantea          | Aiton             | Asteraceae        | A   | 7                 | 0                 |
| Solidago virgarea          | L.                | Asteraceae        | A   | 2                 | 0                 |
| Sonchus arvensis           | L.                | Asteraceae        | N   | 0                 | 14                |
| Sonchus asper              | Hill              | Asteraceae        | N   | 0                 | 56                |
| Sonchus oleraceus          | L.                | Asteraceae        | N   | 0                 | 28                |
| Sorbus aria                | (L.) Crantz       | Rosaceae          | N   | 1                 | 0                 |
| Sorbus aucuparia           | L.                | Rosaceae          | N   | 5                 | 0                 |
| Sorbus intermedius         | (Ehrh.) Pers.     | Rosaceae          | A   | 2                 | 0                 |
| Sorghum bicolor            | (L.) Moench       | Poaceae           | A   | 1                 | 0                 |
| Sorghum halepense          | (L.) Pers.        | Poaceae           | A   | 0                 | 1                 |
| Spinacia oleracea          | L.                | Amaranthaceae     | A   | 1                 | 0                 |
| Spiraea × arguta           | Zabel             | Rosaceae          | A   | 1                 | 0                 |
| Spiraea × cinerea          | Zabel             | Rosaceae          | A   | 3                 | 0                 |
| Spiraea × vanhouttei       | (Briot) Zabel     | Rosaceae          | A   | 10                | 0                 |
| Spiraea betulifolia        | Pall.             | Rosaceae          | A   | 4                 | 0                 |
| Spiraea japonica           | L. f.             | Rosaceae          | A   | 5                 | 0                 |
| Sphrodelia polyrhiza       | (L.) Schleid.     | Araceae           | A   | 2                 | 0                 |
| Stachys affinis            | Bunge             | Lamiaceae         | A   | 2                 | 0                 |
| Stachys byzantina          | K. Koch           | Lamiaceae         | A   | 4                 | 0                 |
| Stachys palustris          | L.                | Lamiaceae         | N   | 0                 | 1                 |
| Stachys recta              | L.                | Lamiaceae         | N   | 2                 | 0                 |
| Stachys sylvatica          | L.                | Lamiaceae         | N   | 0                 | 6                 |
| Staphylea pinnata          | L.                | Staphyleaceae     | N   | 1                 | 0                 |
| Stellaria media            | (L.) Vill.        | Caryophyllaceae   | N   | 0                 | 25                |
| Stevia rebaudiana          | (Bertoni) Bertoni | Asteraceae        | A   | 1                 | 0                 |
| Symphoricarpus × chenaultii | Rehder            | Caprifoliateae    | A   | 4                 | 0                 |
| Symphoricarpus albus       | (L.) S. F. Blake  | Caprifoliateae    | A   | 9                 | 0                 |
| Symphytum asperum          | Lepech.           | Boraginaceae      | A   | 2                 | 0                 |
| Symphytum grandiflorum     | DC.               | Boraginaceae      | A   | 5                 | 0                 |
| Symphytum officinale       | L.                | Boraginaceae      | A   | 16                | 0                 |
| Syringa meyeri             | Turcz.            | Oleaceae          | A   | 4                 | 0                 |
| Syringa vulgaris           | L.                | Oleaceae          | A   | 30                | 0                 |
| Tagetes erecta             | L.                | Asteraceae        | A   | 3                 | 0                 |
| Tagetes patula             | L.                | Asteraceae        | A   | 21                | 0                 |
| Tagetes tenuifolia         | Cav.              | Asteraceae        | A   | 2                 | 0                 |
| Tamarix parviflora         | DC.               | Tamaricaceae      | A   | 3                 | 0                 |
| Tanacetum corymbosum       | (L.) Sch. Bip.    | Asteraceae        | A   | 1                 | 0                 |
| Tanacetum parthenium       | (L.) Sch. Bip.    | Asteraceae        | A   | 19                | 0                 |
| Tanacetum vulgare          | L.                | Asteraceae        | A   | 18                | 0                 |
| Taraxacum officinale aggr. | L.                | Asteraceae        | A   | 85                | 85                |

(continued on next page)
| Taxon name                  | Authority | Family         | OS | N_{alt} | N_{pont} | N_{total} |
|----------------------------|-----------|----------------|----|---------|----------|-----------|
| Taxus baccata              | L.        | Taxaceae       | N  | 16      | 0        | 16        |
| Telekia speciosa           | (Schreb.) Baumg. | Asteraceae    | A  | 2       | 0        | 2         |
| Tellima grandiflora        | (Pursh) Lindl. | Saxifragaceae | A  | 1       | 0        | 1         |
| Tetragonia tetragonioides  | (Pall.) Kuntze | Aizoaceae     | A  | 1       | 0        | 1         |
| Teucrium chamaedrys        | L.        | Lamiaceae      | N  | 4       | 0        | 4         |
| Thalictrum aquilegifoilium | L.        | Ranunculaceae  | N  | 5       | 0        | 5         |
| Thalictrum minus           | L.        | Ranunculaceae  | N  | 1       | 0        | 1         |
| Thelypteris palustris      | Schott    | Thelypteridaceae| N  | 1       | 0        | 1         |
| Thuja occidentalis         | L.        | Cupressaceae   | A  | 20      | 0        | 20        |
| Thunbergia alata           | Bojer ex Sims | Acanthaceae   | A  | 3       | 0        | 3         |
| Thymus × citriodorus       | (Pers.) Schreb. | Lamiaceae    | A  | 3       | 0        | 3         |
| Thymus longicaulis         | C. Presl | Lamiaceae      | N  | 9       | 0        | 9         |
| Thymus pulegioides         | L.        | Lamiaceae      | N  | 13      | 0        | 13        |
| Thymus vulgaris            | L.        | Lamiaceae      | A  | 22      | 0        | 22        |
| Tiarella cordifolia        | L.        | Saxifragaceae  | A  | 1       | 0        | 1         |
| Tilia cordata              | Mill.     | Malvaceae      | N  | 1       | 0        | 1         |
| Tilia platyphylos          | Scop.     | Malvaceae      | N  | 2       | 2        | 4         |
| Tithonia rotundifolia      | (Mill.) S. F. Blake | Astereae     | A  | 1       | 0        | 1         |
| Toedfeldia calyculata      | (L.) Wahlenb. | Tofieldiaceae | N  | 1       | 0        | 1         |
| Torenia fournieri           | Linden ex E. Fourn. | Linderniaceae | A  | 1       | 0        | 1         |
| Torilis japonica           | (Houtt.) DC. | Apiaceae      | A  | 0       | 1        | 1         |
| Trachycarpus fortunei      | (Hook.) H. Wendl. | Areceae      | A  | 2       | 2        | 4         |
| Trachymene coerulea        | Graham    | Apiaceae       | A  | 1       | 0        | 1         |
| Tradescantia pallida       | (Rose) D. R. Hunt | Commeliniaceae | A  | 1       | 0        | 1         |
| Tradescantia virginiana    | L.        | Commeliniaceae | A  | 12      | 0        | 12        |
| Tragopogon porrifolius     | L.        | Astereae       | A  | 3       | 0        | 3         |
| Tragopogon pratensis       | L.        | Astereae       | N  | 4       | 3        | 7         |
| Tricyrtis hirta             | (Thunb.) Hook. | Liliaceae    | A  | 2       | 0        | 2         |
| Trifolium campestre         | Schreb.   | Fabaceae       | A  | 0       | 1        | 1         |
| Trifolium dubium            | Sibth.    | Fabaceae       | N  | 0       | 8        | 8         |
| Trifolium incarnatum        | L.        | Fabaceae       | A  | 1       | 0        | 1         |
| Trifolium pratense          | L.        | Fabaceae       | N  | 12      | 6        | 18        |
| Trifolium repens            | L.        | Fabaceae       | N  | 0       | 66       | 66        |
| Tripleurospermum inodorum   | (L.) Sch. Bip. | Astereae     | N  | 0       | 1        | 1         |
| Trisetum flavescens         | (L.) P. Beauv. | Poaceae      | N  | 3       | 2        | 5         |
| Triticum aestivum           | L.        | Poaceae        | A  | 0       | 3        | 3         |
| Trollius europaeus          | L.        | Ranunculaceae  | N  | 2       | 0        | 2         |
| Tropaeolum majus            | L.        | Tropaeolaceae  | A  | 31      | 0        | 31        |
| Tropaeolum tuberosum        | Ruiz & Pav. | Tropaeolaceae | A  | 1       | 0        | 1         |
| Tulipa CV                   | L.        | Liliaceae      | A  | 48      | 0        | 48        |
| Tulipa turkestanica         | (Regel) Regel | Liliaceae    | A  | 3       | 0        | 3         |
| Tussilago farfara           | L.        | Astereae       | N  | 0       | 5        | 5         |
| Typha latifolia             | L.        | Typhaceae      | N  | 2       | 0        | 2         |
| Typha minima                | Hoppe     | Typhaceae      | N  | 1       | 0        | 1         |
| Ulmus glabra                | Huds.     | Ulmaceae       | N  | 0       | 2        | 2         |
| Ulmus minor                 | Mill.     | Ulmaceae       | N  | 0       | 1        | 1         |
| Urtica dioica               | L.        | Urticaceae     | N  | 0       | 29       | 29        |
| Utricularia vulgaris aggr.  | L.        | Lentibulariaceae| N  | 1       | 0        | 1         |
| Vaccaria hispanica          | (Mill.) Rauschert | Caryophyllaceae   | N  | 3       | 0        | 3         |
| Vaccinium corymbosum        | L.        | Ericaceae      | A  | 23      | 0        | 23        |
| Vaccinium vittis-idea       | L.        | Ericaceae      | N  | 4       | 0        | 4         |
| Valeriana officinalis       | L.        | Caprifoliaceae | N  | 8       | 4        | 12        |
| Valerianella locusta        | (L.) Laterr. | Caprifoliaceae | N  | 32      | 0        | 32        |
| Verbascum blattaria         | L.        | Scrophulariaceae| N  | 1       | 0        | 1         |
| Verbascum lychnitis         | L.        | Scrophulariaceae| N  | 1       | 0        | 1         |
| Verbascum nigrum            | L.        | Scrophulariaceae| N  | 6       | 1        | 7         |
| Verbascum phoeicum          | L.        | Scrophulariaceae| A  | 1       | 0        | 1         |
| Verbascum thapsus           | L.        | Scrophulariaceae| N  | 0       | 24       | 24        |
| Verbena × hybridra          | (Groenl. & Rümpler) G. L. Nesom & Pruski | Verbenaceae | A  | 3       | 0        | 3         |
| Verbena bonariensis         | L.        | Verbenaceae    | A  | 5       | 0        | 5         |
| Verbena officinalis         | L.        | Verbenaceae    | N  | 0       | 10       | 10        |
| Taxon name               | Authority       | Family       | OS | N\text{cult.} | N\text{spont.} | N\text{total} |
|-------------------------|-----------------|--------------|----|---------------|----------------|---------------|
| Verbena rigida          | Spreng.         | Verbenaceae  | A  | 2             | 0              | 2             |
| Veronica agrestis       | L.              | Plantaginaceae | N  | 0             | 9              | 9             |
| Veronica arvensis       | L.              | Plantaginaceae | N  | 0             | 26             | 26            |
| Veronica beccabunga     | L.              | Plantaginaceae | N  | 3             | 0              | 3             |
| Veronica chamaedrys     | L.              | Plantaginaceae | N  | 9             | 30             | 39            |
| Veronica filiformis     | Sm.             | Plantaginaceae | A  | 0             | 31             | 31            |
| Veronica hederifolia    | L.              | Plantaginaceae | N  | 0             | 59             | 59            |
| Veronica montana        | L.              | Plantaginaceae | N  | 0             | 2              | 2             |
| Veronica peregrina      | L.              | Plantaginaceae | A  | 0             | 25             | 25            |
| Veronica persica        | Poir.           | Plantaginaceae | A  | 0             | 52             | 52            |
| Veronica polita         | Fr.             | Plantaginaceae | N  | 0             | 2              | 2             |
| Veronica serpyllifolia  | L.              | Plantaginaceae | N  | 4             | 43             | 47            |
| Viburnum \times bodnantense | Stearn | Adoxaceae    | A  | 5             | 0              | 5             |
| Viburnum carlesii       | Hems.           | Adoxaceae    | A  | 2             | 0              | 2             |
| Viburnum lantana        | L.              | Adoxaceae    | N  | 6             | 0              | 6             |
| Viburnum opulus         | L.              | Adoxaceae    | N  | 7             | 0              | 7             |
| Viburnum plicatum       | Thunb.          | Adoxaceae    | A  | 1             | 0              | 1             |
| Viburnum rhytidophyllum | Hems.           | Adoxaceae    | A  | 1             | 0              | 1             |
| Viburnum tinus          | L.              | Adoxaceae    | A  | 1             | 0              | 1             |
| Vicia cracca            | L.              | Fabaceae     | N  | 0             | 2              | 2             |
| Vicia faba              | L.              | Fabaceae     | A  | 2             | 0              | 2             |
| Vicia sativa            | L.              | Fabaceae     | N  | 0             | 1              | 1             |
| Vicia sepium            | L.              | Fabaceae     | N  | 0             | 50             | 50            |
| Vinca major             | L.              | Apocynaceae  | A  | 5             | 0              | 5             |
| Vinca minor             | L.              | Apocynaceae  | N  | 16            | 0              | 16            |
| Viola \times wittrockiana | Gams  | Violaceae    | A  | 8             | 0              | 8             |
| Viola alba              | Besser          | Violaceae    | N  | 1             | 3              | 4             |
| Viola cornuta           | L.              | Violaceae    | A  | 18            | 0              | 18            |
| Viola elatior           | Fr.             | Violaceae    | N  | 1             | 0              | 1             |
| Viola hirta             | L.              | Violaceae    | N  | 0             | 4              | 4             |
| Viola odorata           | L.              | Violaceae    | N  | 0             | 33             | 33            |
| Viola reichenbachiana   | Boreau          | Violaceae    | N  | 0             | 41             | 41            |
| Viola reviviana         | Rchb.           | Violaceae    | N  | 0             | 3              | 3             |
| Viola tricolor aggr.    | L.              | Violaceae    | N  | 18            | 0              | 18            |
| Vitis agnus-castus      | L.              | Lamiaceae    | A  | 2             | 0              | 2             |
| Vitis vinifera          | L.              | Vitaceae     | A  | 47            | 0              | 47            |
| Waldsteinia ternata     | (Stephan) Fritsch | Rosaceae    | A  | 2             | 0              | 2             |
| Weigela florida         | (Bunge) A. DC.  | Caprifoliaceae | A  | 12            | 0              | 12            |
| Wisteria sinensis       | (Sims) Sweet    | Fabaceae     | A  | 16            | 0              | 16            |
| Yucca filamentosa       | L.              | Asparagaceae | A  | 10            | 0              | 10            |
| Yucca gloriosa          | L.              | Asparagaceae | A  | 2             | 0              | 2             |
| Zantedeschia albomaculata | (Hook.) Baill.  | Araceae      | A  | 3             | 0              | 3             |
| Zanthoxylum piperitum   | Maxim.          | Rutaceae     | A  | 2             | 0              | 2             |
| Zea mays                | L.              | Poaceae      | A  | 17            | 0              | 17            |
| Zelkova serrata         | (Thumb.) Makino | Ulmaceae     | A  | 1             | 0              | 1             |
| Zinnia elegans          | L.              | Asteraceae   | A  | 19            | 0              | 19            |
| Total                   |                 |              |    | 6620          | 3481           | 10101        |

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