

**Rare and Declining Higher Plants in Bromley**

| <b>Taxon</b>                         |                                  | <b>*NERC Act<br/>2006<br/>Section 41<br/>(2014)</b> | <b>England Red<br/>List Status<br/>2014</b> | <b>Status in<br/>London<br/>2007</b> | <b>London<br/>BAP<br/>Species<br/>2007</b> | <b>Kent Rare<br/>Plant<br/>Register<br/>Check List<br/>2014</b> | <b>Location</b>  | <b>Comments</b>     |
|--------------------------------------|----------------------------------|---|---|--------------------------------------|--|---|--|---------------------|
| <i>Aira caryophylla</i>              | Silver Hair-grass                |   |   | rare                                 |  |   | Hayes Common   |                     |
| <i>Avenula pratensis</i>             | Meadow Oat-grass                 |   |   | rare                                 |  |   | Chalk grassland e.g. Chelsfield Hill   |                     |
| <i>Blechnum spicant</i>              | Hard-fern                        |   |   | rare                                 |  |   | Padmall Wood, Keston Common  |                     |
| <i>Briza media</i>                   | Quaking-grass                    |   | NT  |                                      |  |   | Widespread in unimproved chalk grassland eg Cudham and Downe valleys                 |                     |
| <i>Buxus sempervirens</i>            | Box                              |   |   |                                      |  | Yes   | High Elms  | probably introduced |
| <i>Calluna vulgaris</i>              | Heather                          |   | NT  |                                      |  |   | Keston, Hayes, St Paul's Cray, West Wickham & Farnborough Commons                    |                     |
| <i>Campanula rotundifolia</i>        | Harebell                         |   | NT  |                                      |  |   | Dry grassland e.g. Hayes Churchyard, Hayes Common, Farnborough Common                |                     |
| <i>Carex binervis</i>                | Green-ribbed Sedge               |   |   | rare                                 |  |   | Keston Bog   |                     |
| <i>Carex demissa</i>                 | Common Yellow-sedge              |   |   | rare                                 |  |   | Keston Bog   |                     |
| <i>Carex echinata</i>                | Star Sedge                       |   | NT  | rare                                 |  | Yes   | Keston Bog   |                     |
| <i>Carex nigra</i>                   | Common Sedge                     |   |   |                                      |  | Yes   | Keston Bog, Ravensbourne wet meadows   |                     |
| <i>Carex pallescens</i>              | Pale Sedge                       |   |   | rare                                 |  |   | Padmall Wood, Ravensbourne Meadow, Keston Common                                     |                     |
| <i>Carex panicea</i>                 | Carnation Sedge                  |   |   | rare                                 |  | Yes   | Keston Bog   |                     |
| <i>Carex strigosa</i>                | Thin-spiked Wood-sedge           |   |   | rare                                 |  |   | Scadbury Park  |                     |
| <i>Carlina vulgaris</i>              | Carlina Thistle                  |   | NT  | rare                                 |  |   | Chalk grassland e.g. the Shaws Girl Guide Campsite, Hangrove, High Elms              |                     |
| <i>Cephalanthera damasonium</i>      | White Helleborine                | Yes   | VU  | rare                                 | Yes  | Yes   | Woodland (esp. beech) on chalk e.g. High Elms, Downe Bank, Cudham Frith, Jewels Wood |                     |
| <i>Ceratocarpus claviculata</i>      | Climbing Corydalis               |   |   | rare                                 |  |   | Petts Wood   |                     |
| <i>Chrysosplenium oppositifolium</i> | Opposite-leaved Golden-saxifrage |   |   | rare                                 |  |   | Wet woodland e.g. Hoblingwell Wood   |                     |
| <i>Cichorium intybus</i>             | Chicory                          |   | VU  |                                      |  |   | Jubilee Country Park   |                     |
| <i>Clinopodium acinos</i>            | Basil Thyme                      | Yes   | VU  | rare                                 | Yes  | Yes   | Chalk grassland: Hewitts Bank, The Hillside (opposite Charmwood Farm), Cudham Valley |                     |
| <i>Convallaria majalis</i>           | Lily-of-the-valley               |   |   | rare                                 |  |   | Padmall Wood, Hayes & Keston Commons   |                     |

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|---|---------------------------|---|---|--------------------------------------|--|---|---|--|
| <i>Cruciata laevipes</i>                      | Crosswort                 |   | NT  |                                      |  |   | Chalk grassland e.g. West Kent Golf Course, High Elms, Goddington Meadow                                    |  |
| <i>Daphne mezereum</i>                        | Mezereon                  |   | VU  | rare                                 |  |   | Birthday Wood   |  |
| <i>Epipactis purpurata</i>                    | Violet Helleborine        |   |   | rare                                 |  |   | High Elms   | present intermittently up till 1972, then 2006 & 7 after clearance of cherry laurel. Likely to be in the seed bank |
| <i>Erica cinerea</i>                          | Bell Heather              |   | NT  | rare                                 |  |   | Keston & Hayes Commons  |  |
| <i>Erica tetralix</i>                         | Cross-leaved Heath        |   | NT  | rare                                 |  |   | Keston Bog & West Wickham Common  |  |
| <i>Eriophorum angustifolium</i>               | Common Cottongrass        |   | VU  | rare                                 |  | Yes   | Keston Bog  |  |
| <i>Erysimum cheiranthoides</i>                | Treacle-mustard           |   | NT  |                                      |  |   | Hayes Street Farm   |  |
| <i>Euphorbia exigua</i>                       | Dwarf Spurge              |   | VU  |                                      |  | Yes   | Cudham Valley & valley below Jewels Wood. Arable field edges on chalk e.g. arable field south of Shire Lane |  |
| <i>Euphorbia platyphyllos</i>                 | Broad-leaved Spurge       |   |   | rare                                 |  |   | field below Jewels Wood   | not checked 2014   |
| <i>Euphrasia pseudokernerii</i>               | Chalk Eyebright           | Yes   | VU  | rare                                 | Yes  | Yes   | Chalk grassland e.g. Cudham Valley  |  |
| <i>Filago vulgaris</i>                        | Common Cudweed            |   |   |                                      |  | Yes   | Field at Hockenden  |  |
| <i>Fragaria vesca</i>                         | Wild Strawberry           |   | NT  |                                      |  |   | grassland and woodland edges on chalk eg Cudham Valley  |  |
| <i>Galium parisiense</i>                      | Wall Bedstraw             |   | VU  | rare                                 | Yes  | Yes   | Wall of St Martin's Churchyard, Chelsfield  | only site in LBB   |
| <i>Gentianella amarella</i>                   | Autumn Gentian            |   | NT  |                                      |  |   | Chalk grassland: West Kent Golf Course (area managed by London Wildlife Trust), Hewitts Bank                |  |
| <i>Geranium columbinum</i>                    | Long-stalked Crane's-bill |   |   | rare                                 |  |   | Chalk grassland e.g. Cudham Valley: Hangrove  |  |
| <i>Gymnadenia conopsea</i>                    | Chalk Fragrant-orchid     |   |   | rare                                 |  |   | Downe Bank Nature Reserve   |  |
| <i>Helianthemum nummularium</i>               | Common Rock-rose          |   | NT  |                                      |  |   | Chalk grassland e.g. The Shaws, Hangrove fields, High Elms, Downe Bank Nature Reserve, Chelsfield Hill      |  |
| <i>Helleborus viridis subsp. occidentalis</i> | Green Hellebore           |   |   | rare                                 |  |   | High Elms   |  |
| <i>Hyacinthoides non-scripta</i>              | Bluebell                  |   |   |                                      | Flagship species                           |   | semi-natural ancient woodland throughout LBB  |  |

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|--|-----------------------|---|---|--------------------------------------|--|---|---|---|
| <i>Hydrocotyle vulgaris</i>              | Marsh Pennywort       |   | NT  | rare                                 |  |   | Keston Bog  |   |
| <i>Hypericum montanum</i>                | Pale St John's-wort   |   |   | rare                                 |  | Yes   | Sundridge railway embankment & Sundridge Park   | not checked 2014  |
| <i>Hypopitys monotropa</i>               | Yellow Bird's-nest    | Yes   | EN  | rare                                 | Yes  | Yes   | High Elms (in beech woodland)   |   |
| <i>Juncus squarrosus</i>                 | Heath Rush            |   |   | rare                                 |  | Yes   | Keston Common, Bassetts Campus Broadwater Gdns  |   |
| <i>Juniperus communis</i>                | Common Juniper        | Yes   | NT  | rare                                 | Yes  | Yes   | Downe Bank Nature Reserve   |   |
| <i>Kickxia elatine</i>                   | Sharp-leaved Fluellen |   |   | rare                                 |  |   | Occasional edges arable fields e.g. Cudham Valley   |   |
| <i>Kickxia spuria</i>                    | Round-leaved Fluellen |   |   | rare                                 |  |   | Occasional edges arable fields on chalk e.g. arable field south of Shire Lane & Cudham Valley |   |
| <i>Knautia arvensis</i>                  | Field Scabious        |   | NT  |                                      |  |   | Chalk grassland eg High Elms, Hangrove, Goddington Meadow etc                                 |   |
| <i>Koeleria macrantha</i>                | Crested Hair-grass    |   |   | rare                                 |  |   | Keston Common & Chislehurst Cockpit area, Goddington Meadow                                   |   |
| <i>Lathraea squamaria</i>                | Toothwort             |   |   | rare                                 |  |   | semi-natural ancient woodland e.g. High Elms, Downe & Cudham Valleys, Biggin Hill             |   |
| <i>Lathyrus linifolius var. montanus</i> | Bitter Vetch          |   |   | rare                                 |  |   | acid soils e.g. Ravensbourne Valley Woodlands -Barnet Wood & Kingswood Glen                   |   |
| <i>Melampyrum pratense</i>               | Common Cow-wheat      |   | NT  | rare                                 |  |   | Hayes & Keston Commons  |   |
| <i>Misopates orontium</i>                | Weasel's-snout        |   | VU  |                                      |  | Yes   | Jubilee Country Park  |   |
| <i>Moenchia erecta</i>                   | Upright Chickweed     |   | VU  | rare                                 |  |   | Keston War Memorial, Tugmutton Common   | dry acid grassland  |
| <i>Narthecium ossifragum</i>             | Bog Asphodel          |   |   | rare                                 |  | Yes   | Keston Bog  |   |
| <i>Neottia nidus-avis</i>                | Bird's-nest Orchid    |   | VU  | rare                                 |  | Yes   | In beech leaf litter Keston Common, High Elms, Holwood  |   |
| <i>Onobrychis viciifolia</i>             | Sainfoin              |   | VU  |                                      |  | Yes   | West Kent Golf Course, High Elms  | reported by Charles Darwin in the Downe Valley where it was probably planted as a fodder crop in rotation |
| <i>Ophrys insectifera</i>                | Fly Orchid            | Yes   | VU  | rare                                 | Yes  | Yes   | High Elms, Downe Bank, Blackbush Shaw, Cudham Frith   |   |
| <i>Orchis anthropophora</i>              | Man Orchid            | Yes   | EN  | rare                                 | Yes  | Yes   | Chalk grassland & scrub e.g. High Elms  |   |
| <i>Orchis mascula</i>                    | Early-purple Orchid   |   |   | rare                                 |  |   | semi-natural ancient woodland e.g. Homefield Spring, Darrick Wood, Pond Wood                  |   |

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|-----------------------------------|----------------------------|---|---|--------------------------------------|--|---|---|---|
| <i>Oxalis acetosella</i>          | Wood-sorrel                |   | NT  |                                      |  |   | semi-natural ancient woodland e.g. Padmall Wood, Darrick Wood, High Elms, Barnet Wood |   |
| <i>Pedicularis sylvatica</i>      | Lousewort                  |   | VU  | rare                                 |  |   | Hayes Common  |   |
| <i>Plantago media</i>             | Hoary Plantain             |   | NT  |                                      |  |   | Chalk grassland e.g. High Elms, Hangrove, Goddington Meadow etc                       |   |
| <i>Platanthera chlorantha</i>     | Greater Butterfly-orchid   |   |   | rare                                 |  | Yes   | High Elms   |   |
| <i>Polygala calcarea</i>          | Chalk Milkwort             |   |   | rare                                 |  |   | Downe valley  |   |
| <i>Polygonatum multiflorum</i>    | Soloman's-seal             |   |   | rare                                 |  |   | Ravensbourne Valley Woodlands including Brook Wood & Padmall Wood                     |   |
| <i>Potamogeton polygonifolius</i> | Bog Pondweed               |   |   | rare                                 |  |   | Keston Bog  |   |
| <i>Potentilla argentea</i>        | Hoary Cinquefoil           |   | NT  | rare                                 |  | Yes   | Acid grassland at Keston Common & Holwood Estate                                      |   |
| <i>Potentilla erecta</i>          | Tormentil                  |   | NT  |                                      |  |   | Keston Bog  |   |
| <i>Ranunculus flammula</i>        | Lesser Spearwort           |   | VU  |                                      |  |   | Keston Bog, Ravensbourne wet meadows  |   |
| <i>Rhinanthus angustifolius</i>   | Greater Yellow-rattle      |   |   | rare                                 | Yes  | Yes   | High Elms, Ravensbourne wet meadow, Darrick Wood, Jubilee Country Park, Spring Park   | ?Bought in on mowers                                  |
| <i>Rosa micrantha</i>             | Small-flowered Sweet-briar |   |   | rare                                 |  |   | On chalk e.g. Cudham Valley   |   |
| <i>Sanicula europaea</i>          | Sanicle                    |   | NT  |                                      |  |   | semi-natural ancient woodland e.g. Darrick Wood, Jubilee Country Park                 |   |
| <i>Saxifraga granulata</i>        | Meadow Saxifrage           |   |   |                                      |  | Yes   | Keston Common War Memorial, Darrick Wood, Hayes Churchyard                            |   |
| <i>Scutellaria minor</i>          | Lesser Skullcap            |   |   | rare                                 |  |   | Keston Bog  |   |
| <i>Silene flos-cuculi</i>         | Ragged-Robin               |   | NT  |                                      |  |   | Ravensbourne wet meadows, Goddington Meadow   |   |
| <i>Solidago virgaurea</i>         | Goldenrod                  |   | NT  |                                      |  |   | Hayes & Keston Commons  |   |
| <i>Succisa pratensis</i>          | Devil's-bit Scabious       |   | NT  | rare                                 |  |   | Jubilee Country Park  |   |
| <i>Thalictrum flavum</i>          | Common Meadow-rue          |   |   | rare                                 |  |   | Ruxley Gravel Pits  |   |
| <i>Tilia cordata</i>              | Small-leaved Lime          |   |   |                                      |  | Yes   | Spring Park & along Croydon Boundary  | Includes very large old coppice stools at Spring Park |
| <i>Ulex minor</i>                 | Dwarf Gorse                |   |   | rare                                 |  |   | Hayes & Farnborough Commons   |   |
| <i>Vaccinium myrtillus</i>        | Bilberry                   |   |   | rare                                 |  |   | Keston Common   |   |
| <i>Valerianella dentata</i>       | Narrow-fruited Cornsalad   |   | EN  | rare                                 | Yes  | Yes   | Hewitts Chalk Bank & arable field edges in Cudham valley                              |   |

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| <i>Valeriana officinalis</i>                | Common Valerian |                                  | NT                           | rare                  |                         |  | Padmall Wood, Gumping Common, Darrick Wood   |           |
| <i>Verbascum lychnitis</i>                  | White Mullein   |                                  |                              | rare                  |                         | Yes                                      | High Elms  |           |
| <i>Veronica officinalis</i>                 | Heath Speedwell |                                  | NT                           |                       |                         |  | Jubilee Country Park   |           |
| <i>Viscum album</i>                         | Mistletoe       |                                  |                              |                       | Yes                     |  | Bromley Common mainly on lime, Norman Park including on hawthorn, Downe Orchard on apple | Spreading |

All plants present 2014 unless otherwise stated. Plant names follow Stace 2010

\*Listed as Species of Principal Importance for the Purpose of Conserving Biodiversity in England under the NERC Act 2006, section 41 (2014)

England Red List Species follow IUCN criteria (see Stoh et al., 2014)

Key to status: NT Near Threatened VU Vulnerable EN Endangered

#### References:-

Kent Rare Plant Register Check List (2014) see [bsbi.org.uk/rare\\_plant\\_register\\_list\\_v8\\_with\\_English\\_names.rtf](http://bsbi.org.uk/rare_plant_register_list_v8_with_English_names.rtf)

London Biodiversity Action Plan - Priority Species & Species of Conservation Concern see <http://www.lbp.org.uk/londonpriority.html>

Natural England Section 41 Species List (May 2014)- see <http://publications.naturalengland.org.uk/publication/4958719460769792>

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