

APPENDIX 2 ALIEN SPECIES RECORDED IN 10 OR MORE BRITISH SQUARES DURING THE BSBI MONITORING SCHEME

Species are listed in descending order of frequency, from *Matricaria discoidea* (most frequent, found in 286 British 10-km squares) to *Scrophularia vernalis* (in just 10 squares). A total of 204 aliens were recorded with sufficient frequency to be listed here.

The columns are as follows:-

Species	Species name, abbreviated for 23 letters
LF	Life form (with height if a phanerophyte)
Orig	Area of origin
D	D signifies a canopy dominant
T	T signifies a species forming thickets
L	L signifies a species occurring in late-successional communities
S	S signifies a species reproducing by seed in the wild in Britain
W	W signifies a species that is found in wild habitats of nature conservation interest
Habitat	Brief specification of habitat (mostly from Stace (1991)).
Brit	Number of squares in Britain
Eng	Number of squares in England
Sco	Number of squares in Scotland
Ire	Number of squares in Ireland

Species	LF	Orig	D	T	L	S	W	Habitat	Brit	Eng	Sco	Ire
<i>Matricaria discoidea</i>	Th	NEAs	-	-	-	S	W	Waste, tilled	286	165	93	97
<i>Acer pseudoplatanus</i>	P35m	CEur	D	-	L	S	W	Woods, hedges	279	167	85	102
<i>Aegopodium podagraria</i>	Hv	CEur	-	T	-	S	W	Waste, hedge	254	155	73	73
<i>Veronica persica</i>	Th	SWAs	-	-	-	S	-	Tilled, waste	215	153	36	57
<i>Aesculus hippocastanum</i>	P39m	SEur	D	-	-	S	-	Rough, grass	210	145	43	50
<i>Epilobium ciliatum</i>	H	NAM	-	-	-	S	W	Waste, cult	203	138	41	17
<i>Symphoricarpos albus</i>	P 2m	WNAM	D	T	L	S	W	Woods, hedges	194	133	40	71
<i>Fallopia japonica</i>	Hv	EAS	D	T	-	-	W	Waste, rivers	194	121	46	64
<i>Veronica filiformis</i>	Hv	Turk	-	-	-	-	-	Lawns, paths	188	127	42	26
<i>Rhododendron ponticum</i>	P 5m	SEur	D	T	L	S	W	Woods, moorland	185	107	55	44
<i>Cymbalaria muralis</i>	Hv	CSEu	-	-	-	S	W	Walls, rocks	184	131	31	40
<i>Larix decidua</i>	P46m	CEur	D	-	-	S	-	Woods, us plnted	170	108	44	11
<i>Calystegia silvatica</i>	Hv	SEur	-	T	-	S	-	Waste, hedges	162	135	8	17
<i>Lolium multiflorum</i>	Th	SEur	-	-	-	S	-	Rough, waste	154	123	19	27
<i>Prunus domestica</i>	P 8m	SWAs	D	T	-	S	-	Hedges, scrub	149	114	16	30
<i>Trifolium hybridum</i>	H	Eur	-	-	-	S	-	Rough, grass	147	104	26	9
<i>Armoracia rusticana</i>	Hv	WAs	D	T	-	-	-	Rough, wayside	141	126	4	4
<i>Castanea sativa</i>	P35m	SEur	D	-	L	S	W	Woods	139	106	18	2
<i>Pentaglottis sempervire</i>	H	SWEu	-	-	-	S	-	Waysides, banks	136	100	22	3
<i>Avena fatua</i>	Th	Eur	-	-	-	S	-	Tilled	135	110	14	3
<i>Galanthus nivalis</i>	G	Eur	-	-	-	S	W	Woods, banks	134	94	23	2
<i>Impatiens glandulifera</i>	Th	Hima	D	T	-	S	W	Rivers, waste	131	104	14	20
<i>Elodea canadensis</i>	Hyd	NAM	D	T	-	-	W	Ponds, streams	128	95	20	27
<i>Sedum album</i>	Hv	Eur	-	-	-	S	W	Rocks, dunes	122	92	12	39
<i>Hesperis matronalis</i>	H	Eur	-	-	-	S	-	Waste, gardens	120	85	22	35
<i>Acer platanoides</i>	P30m	Eur	D	-	L	S	W	Woods, scrub	119	89	20	2
<i>Mimulus sp.</i>	Hv	WNAM	-	T	-	-	W	Flushes, rivers	117	45	58	17
<i>Crepis vesicaria</i>	Bien	Eur	-	-	-	S	-	Grass, rough	116	101	0	20
<i>Senecio squalidus</i>	ThH	SEur	-	-	-	S	-	Waste, walls	115	99	5	9
<i>Buddleja davidii</i>	P 5m	Chin	D	-	-	S	W	Waste, cliffs	114	83	16	12
<i>Ligustrum ovalifolium</i>	P 3m	Jap	-	T	-	-	-	Hedges, rough	114	91	8	11
<i>Brassica napus</i>	Th	Eur	-	-	-	S	-	Tilled, rough	109	80	15	0
<i>Lunaria annua</i>	Bien	SEEu	-	-	-	S	-	Gardens, waste	106	89	8	2
<i>Coronopus didymus</i>	Th	SAM	-	-	-	S	-	Waste, tilled	104	86	4	15
<i>Papaver somniferum</i>	Th	SEur	-	-	-	S	-	Waste, roads	104	81	13	9

<i>Picea abies</i>	P46m	Eur	D	-	L	S	-	Woods	102	63	27	5
<i>Quercus cerris</i>	P40m	SEur	D	-	L	S	W	Woods, shrub	102	86	8	3
<i>Syringa vulgaris</i>	P 7m	SEEu	-	T	-	-	-	Hedges, waste	100	74	14	9
<i>Linaria purpurea</i>	Hv	SEur	-	T	-	S	-	Waste, walls	99	78	11	3
<i>Crocsmia x crocosmiifl</i>	G	SAfr	-	T	-	-	W	Hedge, river	99	48	33	62
<i>Cerastium tomentosum</i>	Hv	SEur	-	T	-	-	-	Waste, dry	98	74	11	2
<i>Populus alba</i>	P	Eur	D	T	-	-	W	Hedges, dunes	96	75	11	4
<i>Brassica rapa</i>	Th	Eur	-	-	-	S	W	Streams, tilled	95	67	9	57
<i>Petasites fragrans</i>	Hv	NAfr	-	T	-	-	-	Waste, wayside	94	78	5	44
<i>Claytonia sibirica</i>	Th	WNAm	-	T	-	S	W	Damp shady, bank	90	42	41	2
<i>Centranthus ruber</i>	H	Med	-	-	-	S	W	Walls, cliffs	89	72	2	16
<i>Epilobium brunnescens</i>	Hv	NZ	-	-	-	S	W	Rivers, screes	88	16	58	38
<i>Myrrhis odorata</i>	H	Eur	-	-	-	S	W	Rivers, hedges	88	41	40	11
<i>Prunus laurocerasus</i>	P10m	SEEu	D	T	L	S	W	Woods, hedges	86	63	12	12
<i>Vinca major</i>	Ch	Med	-	T	L	-	W	Woods, hedges	85	70	2	7
<i>Aster sp.</i>	Hv	NAM	-	T	-	S	-	Waste, waysides	84	63	14	2
<i>Vinca minor</i>	Ch	Eur	-	T	L	-	W	Woods, hedges	83	60	13	2
<i>Melilotus officinalis</i>	Bien	Eur	-	-	-	S	-	Rough, grass	82	73	2	1
<i>Juncus tenuis</i>	H	Amer	-	-	-	S	W	Paths, roads	81	40	29	8
<i>Melilotus altissimus</i>	Bien	Eur	-	-	-	S	-	Rough, grass	79	72	2	1
<i>Mentha spicata</i>	Hv	CEur	-	T	-	S	-	Rough, waste	78	45	25	2
<i>Pseudofumaria lutea</i>	H	SAlp	-	-	-	S	-	Walls, stony	78	67	6	4
<i>Hyacinthoides hispanica</i>	G	Iber	-	-	-	S	W	Woods, hedgebank	76	57	10	4
<i>Picea sitchensis</i>	P55m	WNAm	D	T	-	S	-	Forestry	75	25	40	11
<i>Populus x canescens</i>	P37m	Eur	D	T	-	-	W	Damp woods	72	65	4	6
<i>Laburnum anagyroides</i>	P 8m	SCEu	-	-	-	S	-	Rough, roadsides	71	52	12	3
<i>Sedum rupestre</i>	Hv	Eur	-	-	-	S	W	Walls, rocks	70	53	3	3
<i>Lepidium draba</i>	Hv	SEur	-	T	-	S	-	Waste, roadsides	69	62	4	1
<i>Conyza canadensis</i>	Th	NAM	-	-	-	S	-	Waste, tilled	67	63	0	1
<i>Spiraea sp.</i>	P 2m	NHem	-	T	-	-	-	Hedges, rough	66	40	20	9
<i>Medicago sativa subsp.s</i>	H	Med	-	-	-	S	-	Tilled, rough	65	59	2	0
<i>Ribes sanguineum</i>	P 2m	WNAm	-	-	-	-	-	Garden relic	64	37	23	11
<i>Mahonia aquifolium</i>	P 1m	WNAm	-	T	L	S	W	Woods, hedges	63	52	6	0
<i>Pinus nigra</i>	P42m	SEur	D	T	-	S	W	Dunes, heaths	63	49	7	1
<i>Solidago canadensis</i>	Hv	NAM	-	T	-	S	-	Waste, roadsides	63	57	5	2
<i>Lysimachia punctata</i>	Hv	SEEu	-	T	-	-	-	Waste, damp plac	61	47	9	2
<i>Heracleum mantegazzianu</i>	Bien	SWAs	D	T	-	S	W	Rivers, banks	61	42	18	8
<i>Chenopodium bonus-henri</i>	H	Eur	-	-	-	S	-	Rough, poss nat	61	50	6	0
<i>Erysimum cheiranthoides</i>	Th	Eur	-	-	-	S	-	Tilled, rough	57	51	2	3
<i>Antirrhinum majus</i>	H	SWEu	-	-	-	S	W	Rock, wll, rough	57	46	1	5
<i>Larix x marschlinisii</i>	P30m	Cult	D	-	-	S	-	Forestry	57	27	20	1
<i>Diplotaxis muralis</i>	Th	Eur	-	-	-	S	-	Waste, dry grnd	54	47	2	3
<i>Larix kaempferi</i>	P37m	Jap	D	-	-	S	-	Forestry	53	17	23	2
<i>Foeniculum vulgare</i>	H	Eur	-	-	-	S	W	Coasts, waste	51	45	0	2
<i>Lycium barbarum</i>	P 2m	Chin	-	-	-	-	-	Rough, hedge	50	44	3	0
<i>Quercus ilex</i>	P25m	SEur	D	-	L	S	W	Woods, scrub	50	46	1	0
<i>Melilotus albus</i>	ThBi	Eur	-	-	-	S	-	Waste, rgh grss	50	45	2	1
<i>Sinapis alba</i>	Tg	SEur	-	-	-	S	-	Waste, tilled	50	44	5	1
<i>Smyrniolum olusatrum</i>	Bi	SEur	-	T	-	S	W	Cliffs, roads	49	38	1	26
<i>Pseudotsuga menziesii</i>	P58m	WNAm	D	-	-	S	-	Forestry	49	30	11	0
<i>Doronicum pardalianches</i>	Hv	WEur	-	-	L	S	W	Woods, hedges	48	26	15	0
<i>Phalaris canariensis</i>	Th	NWaf	-	-	-	S	-	Waste, tips	47	41	2	3
<i>Soleirolia soleirolii</i>	HvCh	WMed	-	T	-	-	-	Bank, lawn, wall	46	37	1	6
<i>Lamium maculatum</i>	Hv	Eur	-	-	-	S	-	Rough, tips	46	38	1	1
<i>Leucanthemum x superbum</i>	H	Cult	-	-	-	S	-	Waste, waysides	46	37	4	0
<i>Sorbus intermedia</i>	P	Balt	-	-	-	S	W	Copses, rough	45	35	8	0
<i>Erysimum cheiri</i>	Ch	EMed	-	-	-	S	W	Walls, dry	44	33	3	5
<i>Barbarea intermedia</i>	Bien	Eur	-	-	-	S	W	Rd, tilled, strm	43	22	15	16
<i>Lathyrus latifolius</i>	H	Eur	-	T	-	S	W	Hdge, rough, bnk	42	41	0	0
<i>Pyrus communis sens.lat</i>	P20m	Cult	D	-	-	S	-	Hedge, rough	42	37	2	0
<i>Juglans regia</i>	P24m	SEEu	D	-	-	S	-	Self sown in SEN	41	38	0	0
<i>Prunus cerasifera</i>	P 8m	SEEu	D	T	-	-	-	Hedges, gardens	40	35	5	2
<i>Sisymbrium orientale</i>	Th	Eur	-	-	-	S	-	Waste	40	31	5	3
<i>Elodea nuttallii</i>	Hyd	NAM	-	T	-	-	W	Ponds, canals	39	35	3	0
<i>Solidago gigantea</i>	Hv	NAM	-	T	-	S	-	Waste, roads	38	34	3	0
<i>Borago officinalis</i>	Th	SEur	-	-	-	S	-	Rough, road, gdn	37	31	2	0
<i>Centaurea montana</i>	Hv	CEur	-	-	-	-	-	Grass, rough	36	25	7	1
<i>Lonicera nitida</i>	P 2m	Chin	-	T	-	-	-	Rough, hedges	36	30	0	26
<i>Saxifraga x urbium</i>	H	Cult	-	-	-	W	-	Woods, streams	36	15	13	1
<i>Tsuga heterophylla</i>	P46m	WNAm	D	T	-	S	-	Woods, forestry	36	17	11	2

<i>Chamaecyparis lawsonian</i>	P41m	WNAm	D	-	-	S	-	Woods, forestry	36	25	6	1
<i>Claytonia perfoliata</i>	Th	WNAm	-	T	L	S	W	Woods, hedges	34	31	2	0
<i>Oxalis corniculata</i>	ThCh	Warm	-	-	-	S	-	Waste, gardens	34	32	1	1
<i>Calystegia pulchra</i>	Hv	?	-	T	-	S	-	Hedges, waste	32	16	10	7
<i>Lamiasstrum gal ssp.arg</i>	Hv	Eur?	-	T	-	-	-	Hedges, gardens	32	24	4	1
<i>Cicerbita macrophylla</i>	Hv	Ural	D	T	-	-	-	Waste, road	31	16	12	1
<i>Robinia pseudoacacia</i>	P29m	NAM	D	T	-	-	-	Scrub, woodland	31	30	0	0
<i>Thuja plicata</i>	P42m	WNAm	D	-	-	S	-	Forestry, woods	31	19	9	0
<i>Berberis vulgaris</i>	P 3m	Eur	-	-	-	S	-	Hedges, rough	30	27	3	0
<i>Lobularia maritima</i>	Th	SEur	-	-	-	S	W	Walls, dry, dune	30	23	2	1
<i>Sambucus racemosa</i>	P 4m	Eur	-	-	L	S	W	Hedges, woods	29	4	25	0
<i>Pulmonaria officinalis</i>	H	Eur	-	-	-	S	-	Scrub, bank, gdn	29	20	7	0
<i>Hypericum calycinum</i>	Hv	SEEu	-	T	-	-	-	Roads, hedge	28	23	2	1
<i>Impatiens parviflora</i>	Th	CAS	-	-	L	S	W	Woods, hedges	28	25	3	0
<i>Eranthis hyemalis</i>	G	SEur	-	-	L	S	W	Woods, gardens	27	24	3	0
<i>Prunus cerasus</i>	P 8m	SWAs	-	-	L	S	-	Copses, hedges	27	19	2	20
<i>Alnus incana</i>	P23m	Eur	D	-	-	-	-	Planted, suckrng	26	19	6	2
<i>Sisymbrium altissimum</i>	Th	Eur	-	-	-	S	-	Waste	26	23	2	1
<i>Fragaria x ananassa</i>	Hv	Cult	-	-	-	S	-	Waste	26	18	4	0
<i>Melissa officinalis</i>	Hv	SEur	-	-	-	S	-	Hedges, waste	25	25	0	0
<i>Fallopia baldschuanica</i>	P20m	CAS	-	T	-	-	-	Waste, hedges	25	23	0	0
<i>Acorus calamus</i>	Hel	SAs	-	T	-	-	W	Ponds, rivers	24	23	1	1
<i>Lupinus polyphyllus</i>	H	WNAm	-	-	-	S	W	Rivers, railways	24	14	10	0
<i>Calendula officinalis</i>	Th	Cult	-	-	-	S	-	Waste, gardens	23	20	0	0
<i>Diploxaxis tenuifolia</i>	HCh	Eur	-	-	-	S	W	Dry waste, cliff	23	20	0	0
<i>Fallopia sachalinensis</i>	Hv	EAS	D	T	-	-	W	Wste, rivr, road	23	17	5	1
<i>Vicia sativa subsp.sege</i>	Th	Eur	-	-	-	S	W	Waste, grass	23	14	1	2
<i>Avena sativa</i>	Th	Cult	-	-	-	S	-	Crop, persists	23	18	0	3
<i>Lupinus arboreus</i>	P 2m	Cali	-	-	-	S	W	Waste, snd, shngl	23	17	5	0
<i>Descurainia sophia</i>	ThBi	Eur	-	-	-	S	-	Waste, roads	22	19	3	1
<i>Galinsoga parviflora</i>	Th	SAM	-	-	-	S	-	Waste	22	22	0	0
<i>Persicaria wallichii</i>	Hv	Hima	-	T	-	-	-	Roadsides, grass	22	13	6	5
<i>Galega officinalis</i>	H	Eur	-	-	-	S	-	Waste, gardens	22	22	0	0
<i>Pinus contorta</i>	P25m	WNAm	D	T	-	S	W	Forst, dune, hth	22	7	12	9
<i>Fuchsia magellanica</i>	P 1m	SSAm	-	-	-	S	-	Hedges, nat WIR	20	5	12	55
<i>Linum usitatissimum</i>	Th	Cult	-	-	-	S	-	Tilled, waste	20	19	0	0
<i>Symphytum orientale</i>	H	EEur	-	-	-	S	-	Hedges	20	20	0	0
<i>Azolla filiculoides</i>	Hyd	trAm	-	-	-	-	W	Canals, ditches	20	20	0	0
<i>Oxalis articulata</i>	Hv	ESAM	-	-	-	S	W	Rd, bank, shore	20	19	1	0
<i>Impatiens capensis</i>	Th	NAM	-	-	-	S	W	Rivers, canals	19	19	0	0
<i>Sedum spurium</i>	HCh	Cauc	-	-	-	S	-	Waste, gardens	19	10	3	1
<i>Galinsoga quadriradiata</i>	Th	SAM	-	-	-	S	-	Waste, towns	19	17	0	0
<i>Prunus lusitanica</i>	P12m	SWEu	-	-	L	S	-	Woods, shrub	19	14	4	1
<i>Inula helenium</i>	H	WCAs	-	-	-	S	-	Waysides, grass	18	10	4	5
<i>Campanula rapunculoides</i>	Hv	Eur	-	-	L	S	W	Wds, flds, rough	18	16	2	0
<i>Erinus alpinus</i>	Ch	SEur	-	-	-	S	W	Walls, rcky wood	17	6	10	2
<i>Euphorbia esula agg.</i>	Hv	Eur	-	-	L	S	W	Hedge, grassy	17	16	1	0
<i>Hirschfeldia incana</i>	Th	SEur	-	-	-	S	-	Waste	17	10	0	1
<i>Sempervivum tectorum</i>	H	Eur	-	-	-	-	-	Waste, walls	17	12	1	3
<i>Philadelphus coronarius</i>	P 3m	Eur	-	-	-	-	-	Waste, garden	17	13	2	2
<i>Petasites albus</i>	Hv	Eur	-	-	-	-	W	Rough, woods	17	4	12	0
<i>Allium triquetrum</i>	G	WMed	-	-	-	S	W	Hedge, waste	16	14	0	4
<i>Datura stramonium</i>	Th	Amer	-	-	-	S	-	Tips, waste	16	15	0	0
<i>Barbarea verna</i>	Bien	Eur	-	-	-	S	-	Waste, roads	16	10	0	1
<i>Quercus rubra</i>	P34m	NAM	D	-	-	S	W	Woods on sand	16	12	0	1
<i>Oxalis stricta</i>	Th	NAM	-	-	-	S	-	Gardens, tilled	16	12	2	0
<i>Lagarosiphon major</i>	Hyd	SAfr	-	-	-	-	W	Lakes, canals	16	16	0	0
<i>Aubrieta deltoidea</i>	Ch	SEEu	-	-	-	-	-	Walls, rcky bnks	15	13	0	0
<i>Cornus sericea</i>	P 3m	NAM	-	T	L	-	W	Woods, roadsides	15	10	3	3
<i>Populus candicans</i>	P30m	Cult	D	-	-	-	W	Riverside woods	15	11	3	0
<i>Gaultheria shallon</i>	P 1m	WNAm	-	T	L	S	W	Woods, shrub	14	10	4	0
<i>Solanum tuberosum</i>	G	SAM	-	-	-	-	-	Waste, tilled	14	11	3	0
<i>Lilium martagon</i>	G	Eur	-	-	L	S	W	Woods	14	13	1	0
<i>Campanula persicifolia</i>	H	Eur	-	-	-	S	-	Waste, rough	13	8	3	0
<i>Crassula helmsii</i>	Hel	Aus	-	T	-	-	W	Ponds, gardens	13	13	0	0
<i>Salix daphnoides</i>	P10m	NEur	D	-	-	-	W	Planted in wild	13	8	5	2
<i>Petroselinum crispum</i>	Bien	EMed	-	-	-	S	-	Waste, coast	13	10	1	4
<i>Sanguisorba minor subsp</i>	H	SEur	-	-	L	S	W	Grass	13	11	1	0
<i>Abies alba</i>	P48m	CEur	D	-	-	S	-	Plnted, self-swn	12	5	6	2
<i>Lepidium ruderales</i>	ThBi	Eur	-	-	-	S	-	Wste, esp nr sea	12	12	0	0

<i>Viola x wittrockiana</i>	Th	Cult	- - - S	-	Gardens, waste	12	10	1	0
<i>Rumex pseudoalpinus</i>	Hv	Eur	- - - -	W	Road, stream	12	2	10	0
<i>Geranium phaeum</i>	H	Eur	- - - S	W	Hedge, wood-marg	12	9	0	2
<i>Mimulus moschatus</i>	Hv	WNAm	- T - -	W	Rivers, ditches	12	7	3	1
<i>Helianthus annuus</i>	Th	NAM	- - - S	-	Tilled, waste	12	11	0	0
<i>Geranium endressii</i>	Hv	SWEu	- - - -	-	Grassy, waste	12	11	1	1
<i>Arabis caucasica</i>	Ch	SEur	- - - S	W	Walls, rocks	12	8	1	0
<i>Abies grandis</i>	P60m	WNAm	D - - S	-	Forest, oc s-swn	11	5	3	1
<i>Lycium chinense</i>	P 2m	Chin	- - - -	-	Rough, hedge	11	10	0	2
<i>Tolmiea menziesii</i>	H	WNAm	- - - S	-	Waste	11	3	7	2
<i>Leycesteria formosa</i>	P 2m	Hima	- - L	S W	Woods, rough	11	9	2	5
<i>Campanula portenschlagi</i>	Hv	SEur	- - - -	-	Walls, rocks	11	9	0	0
<i>Lysichiton americanus</i>	Hv	WNAm	- - - S	W	Swampy ground	11	8	2	3
<i>Rapistrum rugosum</i>	Th	SEur	- - - S	-	Waysides, tilled	11	11	0	1
<i>Hordeum jubatum</i>	H	NAM	- - - S	-	Waste, main rds	11	7	4	0
<i>Euphorbia cyparissias</i>	Hv	Eur	- - L	S W	Waste, chalk grs	11	11	0	0
<i>Amsinckia micrantha</i>	Th	WNAm	- - - S	-	Tild sndy, rough	11	9	2	0
<i>Abies procera</i>	P47m	WNAm	D - - S	-	For, oc sel-sown	10	1	7	1
<i>Geranium versicolor</i>	H	CMed	- - - S	-	Waste, grass	10	10	0	0
<i>Tellima grandiflora</i>	H	WNAm	- - L	S W	Woods, hedges	10	8	2	0
<i>Allium paradoxum</i>	G	Cauc	- - - -	W	Grass, rgh, wood	10	4	6	0
<i>Lemna minuta</i>	Hyd	NSAm	- - - -	W	Ponds, ditches	10	10	0	0
<i>Bromopsis inermis</i>	Hv	Eur	- T - S	-	Rough grass	10	10	0	0
<i>Erigeron karvinskianus</i>	HCh	Mex	- - - S	W	Walls, rck, ston	10	9	0	1
<i>Silybum marianum</i>	Bien	SEur	- - - S	-	Rough ground	10	8	0	0
<i>Senecio cineraria</i>	ChN	Med	- - - S	W	Cliffs, rough	10	10	0	0
<i>Lychnis coronaria</i>	Bie	SEEu	- - - S	-	Waste, gardens	10	9	1	0
<i>Campanula poscharskyana</i>	Hv	SEur	- - - -	-	Walls, rcky bnks	10	8	0	0
<i>Scrophularia vernalis</i>	Bie	Eur	- - - S	W	Wste, cops, hdge	10	4	5	0

APPENDIX 3. SPECIES WITH INVASION SCORE < 2.0

The invasion score (SIS) is defined in Section 3.4. Some of these species may have the potential to invade natural habitats, especially open habitats in a warmed climate, but this potential is not yet obvious. Columns are as follows: SIS Species invasion score, STS Simple threat score, SAS Scottish avoidance score, D Canopy dominant, T Forming thickets, L Occurs in late-successional communities, S Reproduces by seed in GB, W sometimes found in wild places. The number of 10-km squares recorded for the BSBI Monitoring Scheme are also given: GB number of squares in Britain, En number of squares in England, Sc number of squares in Scotland and Ir number of squares in Ireland.

Species	SIS	STS	SAS	D	T	L	S	W	GB	En	Sc	Ir
Coronopus didymus	2.9	3	97	-	-	-	S	-	104	86	4	15
Senecio squalidus	2.9	3	96	-	-	-	S	-	115	99	5	9
Pyrus communis sens.lat	2.9	3	96	D	-	-	S	-	42	37	2	0
Acorus calamus	2.9	3	96	-	T	-	-	W	24	23	1	1
Mimulus sp.	2.8	5	57	-	T	-	-	W	117	45	58	17
Lepidium draba	2.8	3	95	-	T	-	S	-	69	62	4	1
Solidago gigantea	2.8	3	93	-	T	-	S	-	38	34	3	0
Solidago canadensis	2.8	3	93	-	T	-	S	-	63	57	5	2
Linaria purpurea	2.7	3	90	-	T	-	S	-	99	78	11	3
Avena fatua	2.7	3	90	-	-	-	S	-	135	110	14	3
Prunus cerasifera	2.7	3	89	D	T	-	-	-	40	35	5	2
Pentaglottis sempervire	2.5	3	85	-	-	-	S	-	136	100	22	3
Trifolium hybridum	2.5	3	84	-	-	-	S	-	147	104	26	9
Fuchsia magellanica	2.5	3	84	-	-	-	S	-	20	5	12	55
Aster sp.	2.5	3	84	-	T	-	S	-	84	63	14	2
Lupinus polyphyllus	2.4	4	59	-	-	-	S	W	24	14	10	0
Populus candicans	2.4	3	80	D	-	-	-	W	15	11	3	0
Pseudotsuga menziesii	2.3	3	78	D	-	-	S	-	49	30	11	0
Mimulus moschatus	2.3	3	77	-	T	-	-	W	12	7	3	1
Picea sitchensis	2.2	4	54	D	T	-	S	-	75	25	40	11
Tsuga heterophylla	2.2	3	72	D	T	-	S	-	36	17	11	2
Mentha spicata	2.1	3	69	-	T	-	S	-	78	45	25	2
Scrophularia vernalis	2.0	4	50	-	-	-	S	W	10	4	5	0
Salix daphnoides	2.0	3	67	D	-	-	-	W	13	8	5	2
Lemna minuta	2.0	2	100	-	-	-	-	W	10	10	0	0
Lagarosiphon major	2.0	2	100	-	-	-	-	W	16	16	0	0
Conyza canadensis	2.0	2	100	-	-	-	S	-	67	63	0	1
Bromopsis inermis	2.0	2	100	-	T	-	S	-	10	10	0	0
Soleirolia soleirolii	2.0	2	99	-	T	-	-	-	46	37	1	6
Oxalis corniculata	2.0	2	98	-	-	-	S	-	34	32	1	1
Melilotus officinalis	2.0	2	98	-	-	-	S	-	82	73	2	1
Melilotus altissimus	2.0	2	98	-	-	-	S	-	79	72	2	1
Lamium maculatum	2.0	2	98	-	-	-	S	-	46	38	1	1
Erinus alpinus	1.9	4	48	-	-	-	S	W	17	6	10	2
Cicerbita macrophylla	1.9	3	63	D	T	-	S	-	31	16	12	1
Melilotus albus	1.9	2	97	-	-	-	S	-	50	45	2	1
Medicago sativa subsp.s	1.9	2	97	-	-	-	S	-	65	59	2	0
Erysimum cheiranthoides	1.9	2	97	-	-	-	S	-	57	51	2	3
Diplotaxis muralis	1.9	2	97	-	-	-	S	-	54	47	2	3
Phalaris canariensis	1.9	2	96	-	-	-	S	-	47	41	2	3
Borago officinalis	1.9	2	95	-	-	-	S	-	37	31	2	0
Pseudofumaria lutea	1.9	2	93	-	-	-	S	-	78	67	6	4
Lunaria annua	1.9	2	93	-	-	-	S	-	106	89	8	2

Leucanthemum x superbum	1.8	2	92	-	-	-	S	-	46	37	4	0
Sinapis alba	1.8	2	91	-	-	-	S	-	50	44	5	1
Chenopodium bonus-henri	1.8	2	91	-	-	-	S	-	61	50	6	0
Sisymbrium orientale	1.8	2	89	-	-	-	S	-	40	31	5	3
Papaver somniferum	1.8	2	89	-	-	-	S	-	104	81	13	9
Cerastium tomentosum	1.8	2	89	-	T	-	-	-	98	74	11	2
Syringa vulgaris	1.8	2	88	-	T	-	-	-	100	74	14	9
Brassica napus	1.7	2	87	-	-	-	S	-	109	80	15	0
Lysimachia punctata	1.7	2	86	-	T	-	-	-	61	47	9	2
Laburnum anagyroides	1.7	2	84	-	-	-	S	-	71	52	12	3
Chamaecyparis lawsonian	1.7	2	84	D	-	-	S	-	36	25	6	1
Prunus lusitanica	1.6	2	80	-	-	L	S	-	19	14	4	1
Calystegia pulchra	1.5	2	75	-	T	-	S	-	32	16	10	7
Abies grandis	1.5	2	75	D	-	-	S	-	11	5	3	1
Spiraea sp.	1.5	2	74	-	T	-	-	-	66	40	20	9
Thuja plicata	1.4	2	71	D	-	-	S	-	31	19	9	0
Ribes sanguineum	1.4	2	70	-	-	-	-	-	64	37	23	11
Larix x marschlinzii	1.3	2	66	D	-	-	S	-	57	27	20	1
Saxifraga x urbium	1.3	2	65	-	-	-	-	W	36	15	13	1
Larix kaempferi	1.2	2	59	D	-	-	S	-	53	17	23	2
Abies alba	1.2	2	58	D	-	-	S	-	12	5	6	2
Symphytum orientale	1.0	1	100	-	-	-	S	-	20	20	0	0
Silybum marianum	1.0	1	100	-	-	-	S	-	10	8	0	0
Rapistrum rugosum	1.0	1	100	-	-	-	S	-	11	11	0	1
Melissa officinalis	1.0	1	100	-	-	-	S	-	25	25	0	0
Linum usitatissimum	1.0	1	100	-	-	-	S	-	20	19	0	0
Lepidium ruderae	1.0	1	100	-	-	-	S	-	12	12	0	0
Hirschfeldia incana	1.0	1	100	-	-	-	S	-	17	10	0	1
Helianthus annuus	1.0	1	100	-	-	-	S	-	12	11	0	0
Geranium versicolor	1.0	1	100	-	-	-	S	-	10	10	0	0
Galinsoga quadriradiata	1.0	1	100	-	-	-	S	-	19	17	0	0
Galinsoga parviflora	1.0	1	100	-	-	-	S	-	22	22	0	0
Galega officinalis	1.0	1	100	-	-	-	S	-	22	22	0	0
Fallopia baldschuanica	1.0	1	100	-	T	-	-	-	25	23	0	0
Datura stramonium	1.0	1	100	-	-	-	S	-	16	15	0	0
Calendula officinalis	1.0	1	100	-	-	-	S	-	23	20	0	0
Barbarea verna	1.0	1	100	-	-	-	S	-	16	10	0	1
Avena sativa	1.0	1	100	-	-	-	S	-	23	18	0	3
Petroselinum crispum	.9	1	95	-	-	-	S	-	13	10	1	4
Lycium barbarum	.9	1	94	-	-	-	-	-	50	44	3	0
Hypericum calycinum	.9	1	94	-	T	-	-	-	28	23	2	1
Sisymbrium altissimum	.9	1	93	-	-	-	S	-	26	23	2	1
Viola x wittrockiana	.9	1	92	-	-	-	S	-	12	10	1	0
Lychnis coronaria	.9	1	90	-	-	-	S	-	10	9	1	0
Berberis vulgaris	.9	1	90	-	-	-	S	-	30	27	3	0
Oxalis stricta	.9	1	88	-	-	-	S	-	16	12	2	0
Lamiae strum gal ssp. arg	.9	1	88	-	T	-	-	-	32	24	4	1
Descurainia sophia	.9	1	87	-	-	-	S	-	22	19	3	1
Sedum spurium	.9	1	85	-	-	-	S	-	19	10	3	1
Fragaria x ananassa	.9	1	85	-	-	-	S	-	26	18	4	0
Allium paradoxum	.8	2	40	-	-	-	-	W	10	4	6	0
Inula helenium	.8	1	83	-	-	-	S	-	18	10	4	5
Amsinckia micrantha	.8	1	82	-	-	-	S	-	11	9	2	0
Alnus incana	.8	1	79	D	-	-	-	-	26	19	6	2
Persicaria wallichii	.8	1	78	-	T	-	-	-	22	13	6	5
Campanula persicifolia	.8	1	77	-	-	-	S	-	13	8	3	0
Pulmonaria officinalis	.8	1	76	-	-	-	S	-	29	20	7	0
Sambucus racemosa	.7	5	14	-	-	L	S	W	29	4	25	0
Abies procera	.7	2	37	D	-	-	S	-	10	1	7	1

Petasites albus	.6	2	30	-	-	-	-	W	17	4	12	0
Hordeum jubatum	.6	1	64	-	-	-	S	-	11	7	4	0
Tolmiea menziesii	.5	1	47	-	-	-	S	-	11	3	7	2
Rumex pseudoalpinus	.3	2	17	-	-	-	-	W	12	2	10	0
Lycium chinense	.0	0	100	-	-	-	-	-	11	10	0	2
Campanula poscharskyana	.0	0	100	-	-	-	-	-	10	8	0	0
Campanula portenschlagi	.0	0	100	-	-	-	-	-	11	9	0	0
Aubrieta deltoidea	.0	0	100	-	-	-	-	-	15	13	0	0
Sempervivum tectorum	.0	0	95	-	-	-	-	-	17	12	1	3
Geranium endressii	.0	0	93	-	-	-	-	-	12	11	1	1
Philadelphus coronarius	.0	0	90	-	-	-	-	-	17	13	2	2
Centaurea montana	.0	0	82	-	-	-	-	-	36	25	7	1
Solanum tuberosum	.0	0	79	-	-	-	-	-	14	11	3	0

APPENDIX 4 SPECIES NATURALIZED IN THE BRITISH ISLES, HAVING A SOUTHERN DISTRIBUTION

The list was derived from Stace (1991), mainly by reading the species accounts and enumerating species that seemed likely to increase. Life forms (LF), many of them derived from Clapham, Tutin & Warburg (1962) are given in the following categories:-

- Th Therophyte - annual
- ThH Therophyte or hemicryptophyte
- Bie Biennial
- G Geophyte
- Ch Chamaephyte
- ChP Chamaephyte or phanerophyte
- P Phanerophyte

LF	Family	Species	Orig	Habitat and comments
Th	Adiant	Anogramma leptophylla	CI	Dune annual
Th	Ranunc	Consolida ajacis	Med	Freq Jersey
Th	Ranunc	Ranunculus marginatus	Med	Annual weed, Scilly
Th	Ranunc	Ranunculus muricatus	SEur	Annual weed, SW En; com Scil
Th	Papave	Eschscholzia californic	Cal	Dunes, clifftops (perennating)
Th	Amaran	Amaranthus deflexus	SAM	Est gdn weed, CI etc
Th	Portul	Claytonia perfoliata	WNAm	Widespread incl Scil
Th	Portul	Claytonia sibirica	WNAm	Barish damp shady, N & W Br
Th	Portul	Portulaca oleracea	Med	Persistent weed, CI
Th	Malvac	Malva parviflora	SEur	Grassy and waste
Th	Cucurb	Ecballium elaterium	SEur	Annual, Waste ground; fr CI
Th	Crucif	Coronopus didymus	SAM	Annual weed
Th	Crucif	Diploaxis muralis	Eur	Dry, waste; mainly S En, CI
Th	Crucif	Erysimum cheiranthoides	Eur	Ann cult, waste; S & C En
Th	Crucif	Hirschfeldia incana	SEur	Annual, waste, increasing
Th	Crucif	Lobularia maritima	SEur	Coast sand, S En, CI, Sc; an
Th	Crucif	Malcolmia maritima	Balk	Annual, waste places
Th	Crassu	Crassula decumbens	SAfr	Ann weed, Scilly la
Th	Legumi	Ornithopus compressus	SEur	Barish sandy banks, Kent
Th	Legumi	Ornithopus sativus	SEEu	Cornish ch-clay waste, ann
Th	Legumi	Trifolium stellatum	Med	Shingle, W Suss, annual
Th	Euphor	Euphorbia maculata	NAM	Weed of nurseries and quarry
Th	Euphor	Mercurialis annua	Eur	Cult ground, waste, annual
Th	Oxalid	Oxalis stricta	NAM	Weed, frequ in S En; seed
Th	Solana	Datura stramonium	Amer	Tips, waste; persistent CI
Th	Solana	Nicandra physalodes	SAM	Ann weed, lc Scil
Th	Solana	Solanum sarachoides	SAM	Ann weed, lf Scil
Th	Boragi	Amsinckia lycopsoides	WNAm	Widespr annual, increasing
Th	Boragi	Amsinckia micrantha	WNAm	Widespr annual, mainly cas
Th	Boragi	Borago officinalis	SEur	Freq roadside, CI
Th	Scroph	Veronica acinifolia	SEur	Garden weed, S En
Th	Compos	Calendula arvensis	SEur	Weed, cult grnd in CI, Scil
Th	Compos	Conyza sumatrensis	SAM	Waste, rough, increasing ann
Th	Compos	Gnaphalium undulatum	SAfr	Rough, cliffs, well nat CI
Th	Gramin	Agrostis avenacea	AuNZ	Roads, waste; often ann GB
Th	Gramin	Anisantha diandra	Eur	Waste; nat Scil, E Angl, CI
Th	Gramin	Anisantha madritensis	Eur	Waste; nat SW En, S Wa, CI
Th	Gramin	Briza maxima	Med	Dry open, bank, field margin
Th	Gramin	Briza minor	Med	Arable, bulb, waste; S En
Th	Gramin	Cynosurus echinatus	Eur	Rocky grnd; S En, Scil, CI
Th	Gramin	Gaudinia fragilis	SEur	Rough, wayside; widespr ann
Th	Gramin	Lagurus ovatus	SEur	Dunes, Dawlish, CI; annual
Th	Gramin	Lolium multiflorum	SEur	Ann, bienn; waysides, waste
Th	Gramin	Phalaris canariensis	NWaf	Frequent casual, waste
Th	Gramin	Phalaris paradoxa	SEur	Arable weed; increas S En
Th	Gramin	Setaria viridis	Warm	Waste ground, annual
ThH	Reseda	Reseda alba	SEur	Annual-perenn, waste, nr sea
ThH	Legumi	Melilotus albus	Eur	Open grass, rough, ann-bien
ThH	Compos	Senecio squalidus	SEur	Walls, waste; En, Wa

Bie Legumi	Melilotus altissimus	Eur	Open grass, rough, bien-per
Bie Legumi	Melilotus officinalis	Eur	Open grass, rough, bien
Bie Onagra	Oenothera stricta	Chil	Sandy places, la in CI
Bie Umbell	Petroselinum crispum	EMed	Tips, waste places
Bie Umbell	Smyrniolum olusatrum	Eur	Cliffs, banks, roads, waste
Bie Scroph	Verbascum phlomoides	Eur	Waste, rough; fr S Br, CI
Bie Compos	Carduus pycnocephalus	SEur	S Devon limestone
Bie Compos	Crepis vesicaria	Eur	Grass, rough S and C En; per
Bie Compos	Pericallis hybrida	Gard	Waste, Scilly
G	Primul Cyclamen hederifolium	SEur	Woods, hedges, 'wild' CI
G	Oxalid Oxalis debilis	SAM	Weed gardens S En, bulblets
G	Oxalid Oxalis incarnata	SAfr	Weed, freq SW En, CI
G	Oxalid Oxalis latifolia	CSAM	Weed, common CI, fr S En
G	Oxalid Oxalis pes-caprae	SAfr	Weed Scil, blbls, rts; fr CI
G	Oxalid Oxalis tetraphylla	Mex	Weed, Jersey, Scil, bulbls
G	Scroph Lathraea clandestina	WEur	Damp places, scattered En
G	Compos Petasites fragrans	NAfr	Waste, wayside; only male
G	Liliac Agapanthus praecox	SAfr	Sandy ground by sea, Scilly
G	Liliac Allium carinatum	Eur	Rough, grassy
G	Liliac Allium neapolitanum	Med	Cult, hedge, waste; SW En, CI
G	Liliac Allium roseum	Med	Dune, hedge, rough; S Br
G	Liliac Allium subhirsutum	Med	Cult, hedge, waste; SW En, CI
G	Liliac Allium triquetrum	WMed	Rough, hedge, cops; SW En, CI
G	Liliac Hyacinthoides hispanica	Iber	Woods, shady bnks; fr CI, Sc
G	Liliac Nectaroscordum siculum	SEur	Rough, scat S En
G	Liliac Simethis planifolia	Irl	Heathland, Dorset & Hants
G	Liliac Sternbergia lutea	Med	Grassy slope, Jersey
G	Liliac Tristagma uniflorum	SAM	Cult, waste; CI, W Corn, Scil
G	Iridac Crocosmia x crocosmiifl	Gard	Hedg, bank, river; esp IR, CI
G	Iridac Gladiolus communis	Med	Bulb, rough; S En, CI, Scil
G	Iridac Hermodactylus tuberosus	Med	Grass, hedges; SW En
G	Orchid Neotinea maculata	Irl	Rocky, sandy grassland
G	Orchid Orchis laxifolia	Eur	Marshy meadows and lakesides
H	Pterid Pteris cretica	SEur	Rocks, old buildings
H	Polypo Phymatodes diversifolia	NZ	Shady walls
H	Asplen Asplenium onopteris	Irl	Dry banks, rocks, esp lstone
H	Dryopt Phanerophlebia falcata	EAS	Walls, shady place
H	Blechn Woodwardia radicans	SWEu	Gardens
H	Papave Pseudofumaria lutea	SALp	Walls, stony places
H	Caryop Silene italica	Eur	Kent roadbanks, quarries
H	Malvac Malva alcea	SEur	Grassy and waste
H	Crucif Diplotaxis tenuifolia	Eur	Dry, waste; mainly S En, CI
H	Crassu Aeonium cuneatum	Canr	Scilly, more or less nat
H	Saxifr Saxifraga spathularis	WEur	Damp rocks in mts
H	Legumi Lathyrus grandiflorus	CMed	Hedges, waste, widespr
H	Legumi Lathyrus latifolius	Eur	Hedges, rough, banks
H	Legumi Tetragonolobus maritimu	SEur	Rough calc grass, perenn
H	Legumi Trifolium hybridum	Eur	Grassy, rough
H	Halora Gunnera tinctoria	WSAM	Moist places
H	Halora Haloragis micrantha	SEAS	Peat bog, Galway
H	Onagra Epilobium pedunculare	NZ	Barish damp ground, W Ir
H	Oxalid Oxalis articulata	ESAM	Road, bank, shore; SW En, CI
H	Umbell Foeniculum vulgare	Eur	Open grnd, waste, esp coast
H	Umbell Hydrocotyle moschata	NZ	Grassy banks, lawns, nat W Ir
H	Umbell Hydrocotyle novae-zeela	NZ	Lawns, golf courses in Scotl
H	Convol Calystegia silvatica	SEur	Hedges, rough, waste
H	Convol Dichondra micrantha	EAS	Dry fixed dunes nr Hayle
H	Boragi Pentaglottis sempervire	SWEu	Hedge, wood borders, rough
H	Labiati Melissa officinalis	SEur	Well nat in Cornwall
H	Scroph Antirrhinum majus	SWEu	Rough, walls, rocks
H	Acanth Acanthus mollis	Med	Waste, road, rail; fr Scil
H	Lentib Pinguicula grandiflora	Irl	Bogs, damp moor; intr SW En
H	Campan Campanula alliariifolia	TuCa	Banks, rail, rough, S, SW En
H	Valeri Centranthus ruber	Med	Walls, dry rocky & sandy
H	Compos Centaurea aspera	Eur	Dunes, Guernsey
H	Compos Doronicum pardalianches	WEur	Woods, well nat
H	Aracea Zantedeschia aethiopica	SAfr	Ditches, damp hedge, scrub
H	Juncac Juncus planifolius	Gond	Wet path, mead; W Ir, 40km

H	Juncac	Juncus subulatus	Med	Saltmarsh, Somerset
H	Cypera	Cyperus eragrostis	TrAm	Road, rough; nat CI, cas En
H	Gramin	Agrostis castellana	SEur	Lawns, amenity areas
H	Gramin	Cynodon dactylon	Warm	Short grass, waysides; S En
H	Gramin	Dactylis polygama	Eur	Nat in woods, perenn, S En
H	Gramin	Paspalum distichum	Trop	Damp ground Corn, Lond; stol
H	Gramin	Polypogon viridis	SEur	Roads, rough; CI; stol peren
H	Liliac	Phormium cookianum	NZ	Cliff, rock; Scil, self-sow
H	Liliac	Phormium tenax	NZ	Cliffs, rocks; Scil, W Corn
H	Iridac	Libertia formosa	Chi	Rough, coast; Scil, W Corn
H?	Bromel	Fascicularia pitcarinii	Chil	Dunes, shingle, Scilly
H?	Bromel	Ochagavia carnea	Chil	Dunes, Tresco
Ch	Selagi	Selaginella kraussiana	Afr	Shrubberies, rocky banks
Ch	Urtica	Soleirolia soleirolii	WMed	Banks, walls, lawns
Ch	Aizoac	Aptenia cordifolia	SAfr	Locally abundant Jersey
Ch	Aizoac	Carpobrotus edulis	SAfr	Rocks, cliffs, sand, CI Scil
Ch	Aizoac	Carpobrotus glaucescens	SAfr	Cliffs, sand
Ch	Aizoac	Disphyma crassifolium	SAfr	Walls, cliffs, sandy; la CI
Ch	Caryop	Arenaria balearica	WMed	Damp rocky banks, gardens
Ch	Caryop	Cerastium tomentosum	SEur	Dry places, wspr Br
Ch	Caryop	Dianthus gallicus	WEur	Dunes, Jersey
Ch	Crucif	Erysimum cheiri	EMed	Walls, banks, dry places
Ch	Ericac	Daboecia cantabrica	WEur	Peaty and rocky moorland
Ch	Ericac	Erica mackaiana	WEur	Peaty bogs
Ch	Crassu	Crassula pubescens	SAfr	Jersey, sandy ground, perenn
Ch	Crassu	Sedum hispanicum	SEEU	Walls, stony ground
Ch	Rosace	Acaena novae-zelandiae	NZ	Barish ground, well nat
Ch	Oxalid	Oxalis corniculata	Warm	Gardens, waste, common weed
Ch	Apocyn	Vinca major	Med	Hedgebanks, shrbbries, rough
Ch	Apocyn	Vinca minor	Eur	Woods, hedgebanks, shady
Ch	Labiata	Thymus vulgaris	WMed	Banks, old walls, S En, CI
Ch	Compos	Erigeron karvinskianus	Mex	Walls, banks, stony, S En
Ch	Compos	Otanthus maritimus	Irl	Maritime fixed sand, shingle
Ch	Compos	Senecio cineraria	Med	Cliffs, rough, S and SW En
ChP	Gerani	Pelargonium tomentosum	SAfr	Woodland edge, Scilly
P	Dickso	Dicksonia antarctica	Aus	Naturalized Kerry
P	Pinace	Pinus nigra	Eur	Dunes, heaths
P	Pinace	Pinus pinaster	SEur	Dunes
P	Pinace	Pinus radiata	Cal	Heaths
P	Cupres	Cupressus macrocarpa	Cal	Scilly, CI; planted
P	Laurac	Laurus nobilis	SEur	Scrub, cliffs nr sea, fr CI
P	Ranunc	Clematis flammula	Med	Cliffs, dunes by sea
P	Berber	Mahonia aquifolium	WNAM	Woods, hedges, most of En
P	Fagace	Castanea sativa	SEur	Woods
P	Fagace	Nothofagus obliqua	SSAM	Self-sown
P	Fagace	Nothofagus procera	SSAM	Self-sown
P	Fagace	Quercus cerris	SEur	Acid sands [calc at Barnack]
P	Fagace	Quercus ilex	SEur	Self-sown; also CI
P	Betula	Alnus cordata	Ital	V rarely self-sown
P	Aizoac	Lampranthus falciformis	SAfr	Walls, cliffs; c Scil; Pemb
P	Aizoac	Oscularia deltoides	SAfr	Walls, banks; common Scil
P	Chenop	Atriplex halimus	SEur	Thickt flourish CI; shr 2.5m
P	Polygo	Muehlenbeckia complexa	NZ	Hdge, cliff; SW En, la Scil
P	Cistac	Cistus incanus	SEur	Occ self-sown
P	Cistac	Cistus laurifolius	SEur	Occ self-sown
P	Tamari	Tamarix gallica	SWEU	Rarely self-sown
P	Ericac	Arbutus unedo	SEur	Chalk, l/st; Irish scrub
P	Ericac	Erica erigena	WEur	Well drained parts of bogs
P	Ericac	Erica lusitanica	SWEU	Heaths, railway banks
P	Ericac	Erica terminalis	WMed	Dunes in N Ireland
P	Ericac	Rhododendron ponticum	SEEU	All Br, not abund CI
P	Pittos	Pittosporum crassifolium	NZ	Scilly, common, increasing
P	Pittos	Pittosporum tenuifolium	NZ	W Cornwall, self-sown
P	Escall	Escallonia macrantha	Chil	Very rarely self-sown
P	Rosace	Cotoneaster horizontalis	WChi	Walls, rocks
P	Rosace	Cotoneaster integrifolius	HiCh	Walls, rocks
P	Rosace	Cotoneaster spp.	HiCh	Waste, shrb grssld, esp calc
P	Rosace	Prunus laurocerasus	SEEU	Woods, shrubberies

P	Rosace	Prunus lusitanica	SWEu	Woods, shrubberies, waste
P	Rosace	Pyracantha coccinea	SEur	Banks, walls, rough
P	Legumi	Acacia melanoxylon	Aus	S Dev, Scilly, +/- nat, 15 m
P	Legumi	Colutea arborescens	Eur	Waste, rail, grassy; to 4 m
P	Legumi	Coronilla valentina	Med	S coast, cliffs, promenade
P	Legumi	Cytisus multiflorus	Iber	Banks of roads, railways
P	Legumi	Genista hispanica	SWEu	Sandy, rocky hills, S En, Wa
P	Legumi	Genista monspessulana	Med	Banks, roadsides, rough
P	Legumi	Lupinus arboreus	Cal	Dunes, shingle, frost-sensit
P	Legumi	Robinia pseudoacacia	NAM	Banks, scrub, woodland
P	Legumi	Spartium junceum	Med	Sandy roadside banks, rough
P	Myrtac	Amomyrtus luma	SAM	Nat in s-nat wood, CI+SW En
P	Myrtac	Eucalyptus gunnii	Tasm	Sometimes self-sowing
P	Myrtac	Leptospermum lanigerum	Aus	Tresco, less than L. scop
P	Myrtac	Leptospermum scoparium	AUNZ	Tresco, freely self-sowing
P	Onagra	Fuchsia magellanica	SSAM	Naturalized in W Ir, hedges
P	Cornac	Griselinia littoralis	NZ	Nr sea, sometimes self-sown
P	Rhamna	Rhamnus alaternus	Med	Scrub near sea, Wales, 5 m
P	Sapind	Koelreuteria paniculata	Chi	Waste land, 16 m
P	Hippoc	Aesculus hippocastanum	SEur	Grass, copse, rough
P	Simaro	Ailanthus altissima	Chi	Waste land etc., esp nr Lond
P	Gerani	Geranium maderense	Mad	Dense low veg, cliffs CI+Sci
P	Umbell	Bupleurum fruticosum	SEur	Roadside, rail banks, S En
P	Solana	Lycium barbarum	Chi	Rough, hedge, walls, En
P	Solana	Lycium chinense	Chi	Rough, hedge, walls, rare
P	Labiata	Hyssopus officinalis	SEur	Old walls in S En, rare
P	Labiata	Lavandula x intermedia	WMed	Rarely self-sown
P	Labiata	Rosmarinus officinalis	Med	Sporadic on walls and rough
P	Buddle	Buddleja davidii	Chi	Waste, walls, banks, scrub
P	Scroph	Hebe salicifolia	NZCh	Nat Devon and Cornwall coast
P	Scroph	Hebe x franciscana (H.	Gard	Well nat S & W Br
P	Scroph	Phygelius capensis	SAfr	Rivers, Wicklow, shrub 1.5 m
P	Rubiaceae	Coprosma repens	NZ	Spreading Scil; shrub 3m
P	Caprif	Lonicera japonica	Eas	Hedges, scrub, rough, C,S En
P	Caprif	Viburnum tinus	SEur	Cliff, banka, rough, SEN
P	Compos	Chrysocoma coma-aurea	SAfr	Walls, open grnd, Scilly
P	Compos	Delairea odorata	SAfr	Hedge, walls; climbing 3 m
P	Compos	Olearia macrodonta	NZ	Hedge, scrub, bank, rough
P	Gramin	Pseudosasa japonica	JaKo	Commonly nat (fls), to 5 m
Hyd	Azolla	Azolla filiculoides	trAm	Water
Hyd	Crassu	Crassula helmsii	Aus	Ponds
Hyd	Hydroc	Egeria densa	SAM	Warmed water, male, Lancs
Hyd	Hydroc	Vallisneria spiralis	Warm	Warmed water, slow rivers