

Missing Collections long list 2025

Missing Genera	Family	Description	Cultivars listed in Plantfinder 2020	Hardiness	Proposed collection
Abelia	Caprifoliaceae	About 30 species and hybrids, in the honeysuckle family,	30		
Abeliophyllum	Oleaceae	one species, <i>Abeliophyllum distichum</i> . Deciduous shrub.			
Acacia	Mimosaceae	large genus of decorative shrubs and trees	5		
Acaena	Rosaceae	100 species of evergreen alpine-like perennials or sub shrubs.	7	Hardy	
Acalypha	Euphorbiaceae	430 species of attractive tropical shrubs with attractive leaf colouration	0	Glasshouse	
x Achimenantha	Gesneriaceae		6		
Achimenes	Gesneriaceae	25 species of Hot water plant. Highly attractive hot house tuberous perennial	104	Glasshouse	
Aciphylla	Apiaceae	40 often small, yucca-like perennials often grown on rock gardens	0	Hardy to semi-hardy	
Aconitum	Ranunculaceae	a genus of over 250 species of herbaceous perennial plants. Most species are extremely poisonous.	44		
Acorus					
Actaea	Ranunculaceae	8 species of woodland perennials grown for their berries.	20	Hardy	Actaea simplex held
Actinidia	Actinidiaceae	40-60 species of woody shrubs and strong-growing vines.	31		
Adenophora	Campanulaceae	62 species of flowering plants. Flowers are bell-shaped.	3		
Adonis	Ranunculaceae	20 species of annuals and perennial alpine plants.	8	Hardy	
Aegopodium	Apiaceae	seven species, all are perennial. Often used as ground cover but can be invasive.	1		
Aethionema	Brassicaceae	40 species of evergreen alpine perennials and sub-shrubs	2	Hardy	
Agapetes	Ericaceae	95 species of epiphytic, creeping or trailing sub-shrubs, with attractive flowers.	2	Glasshouse	
Agastache	Lamiaceae	30 species of heat tolerant, aromatic perennials with attractive foliage and flowers.	54	Hardy to half hardy	
Ageratina	Asteraceae	more than 330 species of perennials and rounded shrubs.	3		
Ageratum	Asteraceae	40 to 60 flowering annuals and perennials. Tussock-forming, often grown in rock gardens. Some species are toxic.	3		
Aglaonema	Araceae	20 species of low growing, clump forming tropical perennial plants with attractive foliage.	9	Glasshouse	
Agrimonia	Rosaceae	12–15 species of perennial herbaceous flowering plants. Attractive to butterflies and moths.	1		
Agrostemma	Caryophyllaceae	A genus of annual plants , containing the species known as corncockles	2		
Agrostis	Poaceae	120 - 150 species of annual and perennial grasses.	1	Hardy	
Ajuga	Lamiaceae	40 species of low growing annuals and perennials grown mainly as ground cover.	35	Hardy	proposal in progress
Akebia					
Albuca					
x Alcalthaea	Malvaceae		2		
Allamanda	Apocynaceae	12 species of evergreen shrubs and climbers grown for their attractive flowers.	0	Glasshouse	
Alonsoa	Scrophulariaceae	12 species of evergreen shrubs and perennials from tropical and subtropical South America.	4	Tender Shrubs/Glasshouse	
Alopecurus	Poaceae	25-40 species of annual and perennial grasses.	2	Hardy	
Althaea	Malvaceae	12 species of annuals and perennials similar in habit and flower to hollyhocks.	1	Hardy	
Alyogyne	Malvaceae	A shrub with large mauve or cream flowers. 4 species.	2		
Alyssum	Brassicaceae	150 mat-forming evergreen alpine perennials and sub-shrubs.	4	Hardy	
Amaranthus	Amaranthaceae	3 subgenera and 70 species. A genus of annual or short-lived perennials. Some species are cultivated as leaf vegetables, pseudocereals	3		
x Amarcrinum	Amaryllidaceae		2		
x Amarine	Amaryllidaceae		9		
x Amarygia	Amaryllidaceae		2		
Amaryllis	Amaryllidaceae	Single species of bulbous perennial that has been bred to produce hundreds of cultivars.	4	Glasshouse	
Ampelopsis	Vitaceae	25 species of woody deciduous climbers grown for their handsome foliage.	2	Hardy	
Amsonia	Apocynaceae	18 species, flowering plants commonly known as bluestars	6		proposal in progress

Anacyclus	Asteraceae		2		
Anagallis	Primulaceae	20 species of low growing annuals and perennials grown for their silvery foliage.	3	Hardy	
Anaphalis	Asteraceae	110 species of herbaceous and woody flowering plants commonly known by the name pearl or pearly everlasting.	4		
Anchusa	Boraginaceae	35 species of annuals, biennials and perennials.	6	Hardy	
Androcymbium	Colchicaceae	56 species of flowering plants. The genus has sometimes been included within Colchicum but at present is recognised as a separate			
Andromeda	Ericaceae	2 species of compact growing alpine sub-shrubs with neat foliage and attractive flowers.	10	Hardy	proposal in progress
Andropogon	Poaceae		5		
Androsace	Primulaceae	100 species of mat or cushion forming evergreen alpine plants.	14	Hardy	proposal in progress
Anemanthele	Poaceae		3		
Anemone (Japanese)					
Anemonella	Ranunculaceae	Single species of tuberous low growing woodland perennial.	23	Hardy	proposal in progress
Anemonopsis	Ranunculaceae		2		
Angelica	Apiaceae	50 species of tall growing perennials and biennials grown for their foliage and flowers.	5	Hardy	
Angelonia	plantaginaceae		3		
Anigozanthos	Haemodoraceae	a small genus of Australian plants in the bloodwort family. 11 species and several subspecies commonly known as kangaroo paw an	7		
Anisodonteia	Malvaceae	19 species of mallow-like sub-shrubs.	5	Tender/Glasshouse	
Anomatheca	Iridaceae	6 species of freesia-like cormous perennials native to Africa.		Tender/Glasshouse	
Antennaria	Asteraceae	45 species of matt forming evergreen alpine perennials grown for their attractive flowers.	8	Hardy	
Anthericum	Anthericaceae	50 Species of rhizomatous perennials.	1	Hardy	
Anthriscus	Apiaceae	Anthriscus (chervils) consists of 15 species. 1 species, Anthriscus cerefolium is cultivated and used to flavor foods.	4		
Anthurium	Araceae	700 - 900 species of evergreen tropical perennials grown for their flowers and foliage.	5	Glasshouse	
Anthyllis	Papilionaceae	20 species of matt and low growing perennials, annuals and shrubs.	2	Hardy	
Antirrhinum	Scrophulariaceae	30-40 species of annual and perennial snapdragons.	7	Hardy	
Apium	Apiaceae	about 20 species of medium to tall biennial or perennial flowering plants. Some species are edible, being grown as celery, celeriac an	9		
Arabis	Brassicaceae	15 species of herbaceous, annual or perennial plants with pink or white flowers, usually grown in rock and container gardens.	20		
Araucaria	Araucariaceae	18 species of large evergreen, coniferous southern hemisphere trees.		Tender/Hardy	
Arbutus					Tree
Arctanthemum	Asteraceae		3		
Arctostaphylos	Ericaceae	50 species of ericaceous shrubs and small garden trees.	2	Hardy/Tender	
Arctotis	Asteraceae	50 species of low growing African daisy, forming low mounding perennials or sub-shrubs.	16	Frost Tender	
Ardisia	Myrsinaceae	250 species of evergreen trees and shrubs grown for their flowers and fruit.	3	Tender	
Arenaria	Caryophyllaceae	160 species of low growing alpine perennials commonly known as the sandworts.	2	Hardy	
Arenga	Arecaceae	17 species of tall growing tropical palms.		Glasshouse	
Argemone	Papilionaceae	28 species of ornamental, clump forming perennials often called the prickly poppy.		Half Hardy	
Argyllia	Bignoniaceae	10 species of perennial herbaceous plants native to Peru and Chile.		Tender	
Argyranthemum	Asteraceae	8 species, 70 cultivars		Half Hardy	
Argyreia	Convolvulaceae	90 species of tropical climber with woody stems grown for their berries.		Glasshouse	
x Argyrimelia	Asteraceae				
Aristea	Iridaceae	50 species of evergreen, clump forming, spring and summer flowering perennials.		Half Hardy/Frost Tender	
Aristolochia	Aristolochiaceae	500 species of evergreen and deciduous lianas and herbaceous perennials, commonly known as birthwort and pipevine. Toxic.			
Aristotelia	Elaeocarpaceae	5 species of evergreen and deciduous trees and shrubs.	1	Glasshouse	
Armeria	Plumbaginaceae	80 species of low growing, alpine perennials and sub shrubs.	32	Hardy	
Armoracia	Brassicaceae	3 species of herbaceous perennials native to Europe and North America.	2	Hardy	
Arnebia	Boraginaceae	25 species of annual and perennial herbaceous perennials native to Africa and Asia.		Hardy	
Arnica	Asteraceae	32 species of low growing and clump forming perennials		Hardy	
Aronia	Rosaceae	2 species of deciduous species of shrubs commonly called chokeberry.	9	Hardy	
Arthropodium	Anthericaceae	12 species of evergreen and deciduous tufted perennials native to New Zealand and Australia.	4	Frost Hardy/Half Hardy	
Aruncus					

Arundinaria	Poaceae	a genus of bamboo with 3 species.			
Arundo	Poaceae	3 species of very tall, bamboo-like perennial grasses grown for their foliage.	4	Hardy/Half Hardy	
Asarina	Scrophulariaceae	Single species of trailing evergreen alpine perennial.	0	Hardy	
Asarum	Aristolochiaceae	a genus of low-growing herbs with kidney-shaped leaves. Commonly known as wild ginger, but is not edible.	8		
Asparagus	Asparagaceae	300 species of evergreen and deciduous perennials and climbing plants.	22	Hardy/Frost Tender	
Asperula	Rubiaceae	100 species of annuals, evergreen and deciduous perennials and sub shrubs.		Hardy	
Asphodeline	Asphodelaceae	20 species of biennials and perennials best grown in sunny, dry locations.	1	Hardy	
Asphodelus	Asphodelaceae	12 species of annuals and perennials in open woodland And meadows.		Hardy	
Astelia	Asteliaceae	25 species of clump forming perennials with linear leaves.	4	Hardy/Frost Tender	
Astragalus	Papilionaceae	2000 species of annual or perennial herbaceous perennial or shrubs.		Hardy/Half Hardy	
Atriplex	Amaranthaceae		2		
Aubrieta	Brassicaceae	a low, spreading plant, hardy, evergreen and perennial, with small violet, pink or white flowers, inhabits rock gardens and banks	66		
Aurinia	Brassicaceae	7 species of clump forming biennials and woody perennials closely related to <i>Alyssum</i> .	8	Hardy	
B					
Babiana	Iridaceae	50 - 60 species of corm forming perennials native to South Africa.	5	Frost Tender	
Bambusa	Poaceae	a large genus of clumping bamboos	0		
Barbarea	Brassicaceae	12 species of biennials and perennials found in damp habitats.	3	Hardy	
Bauhinia	Caesalpiniaceae	250 species of evergreen and deciduous trees, shrubs and tropical climbers.	1	Frost Tender/Glasshouse	
Bejaria	Ericaceae	25 species of evergreen trees and shrubs native to South America.		Glasshouse	
Bellis	Asteraceae	15 species of rosette forming, low growing perennials.	7	Hardy	
Berkheya	Asteraceae	75 species of flowering plants in the aster family and the subfamily Carduoideae, (thistles). Yellow, white or mauve florets.	1		
Beschorneria	Agavaceae	large evergreen yucca-like perennial with strap-like leaves and tall flower spikes.	3	Frost Tender	
Betonica	Lamiaceae		2		
Bidens	Asteraceae	200 species of annuals, perennials and deciduous shrubs.	18	Half Hardy	
Bifrenaria	Orchidaceae	16 species of epiphytic orchids native to tropical South America.	0	Glasshouse	
Billardiera	Pittosporaceae	evergreen climbing shrub with bell-shaped flowers and berry-like fruit.	2		
Blechnum	Blechnaceae	150 - 200 species of evergreen, rhizomatous ferns.	4	Hardy/Frost Tender	
Bletia	Orchidaceae	50 species of terrestrial orchid native to tropical South America.		Glasshouse	
Boltonia	Asteraceae		3		
Bomarea	Alstroemeriaceae	120 species of deciduous twinning and scrambling climbers from Mexico and South America.	1	Glasshouse	
Borago	Boraginaceae	annual herb known as starflower, flowers are most often blue. White flowered types are also cultivated.	1		
Boronia	Rutaceae	95 species of evergreen shrubs native to Australia.	2	Half Hardy/Frost Tender	
Botrychium	Ophioglossaceae	40 species of terrestrial fern.		Hardy/Half Hardy	
Bougainvillea	Nyctaginaceae	14 species of evergreen trees and shrubs and partially deciduous thorny climbers.	4	Frost Tender/Glasshouse	
Bouvardia	Rubiaceae	30 species of evergreen shrubs and perennials.	0	Frost Tender	
Boykinia	Saxifragaceae	10 species of moist woodland perennials.		Hardy	
Brachychiton	Sterculiaceae	30 species of tropical and sub tropical evergreen and deciduous trees.		Frost Tender	
Brachyscome	Asteraceae	60 - 70 species of annuals and short-lived evergreen and deciduous perennials.	4	Half Hardy/Frost Tender	
Brachystema	Papilionaceae	16 species of evergreen shrubs native to dry habitats in Australia.		Glasshouse	
Brahea	Arecaceae	16 species of fan-leaved palms native to tropical America.	1	Frost tender	
Brassavola	Orchidaceae	20 species of epiphytic orchids native to Central and South America		Glasshouse	
Brassia	Orchidaceae	50 species of evergreen epiphytic tropical orchids.	0	Glasshouse	
Brassica	Brassicaceae	30 species of annuals, biennials and perennials and cultivars of ornamental cabbage.	103	Hardy/Frost Tender	
× Brassocattleya	Orchidaceae	range of garden hybrid orchids between <i>Brassavola</i> and × <i>Cattleya</i>		Glasshouse	
× Brassolaelocattleya	Orchidaceae	Range of garden hybrid orchids between <i>Brassavola</i> and × <i>attleya</i> and × <i>Laelia</i>			
Briza	Poaceae	5 species of annual and perennial plants known as quaking grasses.	4		
Bromus	Poaceae	100 species of grasses grown for their foliage and flowers.	1	Hardy/Frost Tender	
Broussonetia	Moraceae		1		

Brunfelsia	Solanaceae	40 species of evergreen small trees and shrubs grown for their flowers.	0	Frost Tender	
Bulbine	Asphodelaceae	30 species of clump forming succulent and non-succulent tuberous perennials.	1	Half Hardy/Frost Tender	
Bulbinella	Asphodelaceae	25 species of perennial evergreen plants with yellow, white, pink, yellow or orange flower spikes.			
Bulbophyllum	Orchidaceae	1000 - 1200 species of diverse epiphytic orchids.	0	Glasshouse	
Buphthalmum	Asteraceae	perennial flowering herbaceous plant with yellow daisy-like flowers.	3		
Bupleurum	Apiaceae	100 species of evergreen and semi-evergreen annuals and perennials.	3	Hardy/Half Hardy	
Butia	Arecaceae	genus of palms with feathery foliage, many species produce edible fruits,			
Butomus	Butomaceae	a flowering rush with pink umbels.	2		
C					
Caesalpinia	Caesalpinaceae	70 species of evergreen trees, climbing shrubs and perennials.		Half Hardy/Frost Tender	
Caladenia	Orchidaceae	70 species of terrestrial, tuberous orchids native to Australasia.		Glasshouse	
Caladium	Araceae	7 species of tuberous rooted perennials grown for their attractive foliage.	6	Frost Tender/Glasshouse	
Calamagrostis	Poaceae	250 species of attractive ornamental grasses.	10	Hardy	
Calamintha	Lamiaceae	8 species, perennial known as catmint.	11		
Calandrinia	Portulacaceae	150 species of annuals and short-lived perennials best grown in sunny locations.	0	Frost Hardy	
Calanthe	Orchidaceae	120 - 150 species of evergreen and deciduous terrestrial orchids.	0	Frost Hardy/Frost Tender	
Calathea	Marantaceae	<i>see Goeppertia</i>	3	Glasshouse	
Calceolaria	Scrophulariaceae	300 species of annual, biennials, perennials and shrubs grown for their slipper-like flowers.	8	Frost Hardy/Frost Tender	
Calibrachoa	Solanaceae	small brightly-coloured petunia-type flowers, usually grown as an annual in UK.	16		
Calliandra	Mimosaceae	200 species of tropical trees grown for their powder-puff flowers.	1	Glasshouse	
Callianthemum	Ranunculaceae	10 species of alpine perennials.		Hardy	
Callicarpa	Verbenaceae	140 species of evergreen and deciduous shrubs grown for their flowers and berries.	7	Hardy/Frost Tender	
Callirhoe	Malvaceae	8 species of annuals and deep rooted perennials grown for their mallow-like flowers.		Hardy	
Callisia	Commelinaceae	20 species of evergreen, tradescantia-like herbaceous plants.	3	Frost Tender	
Callistephus	Asteraceae	Single species of upright, fast growing annual with chrysanthemum-like flowers.	0	Half Hardy	
Callitris	Cupressaceae	19 species of Australian-cypress or cypress pine native to Australia and New Caladonia		Frost Tender	
Calocedrus	Cupressaceae	3 species of narrow and upright growing conifers native to warm, temperate regions.	6	Hardy	
Calochortus	Liliaceae	60 species of attractive bulbous perennials native to North America and Mexico.	5	Frost Hardy	
Calothamnus	Myrtaceae	25 species of evergreen shrubs native to Western Australia.		Frost Tender	
Caltha		5 species in UK cultivation	11		
Calystegia	Convolvulaceae	25 species of morning glory relatives some of which are endemic to California	1	Frost Tender	
Calytrix	Myrtaceae	70 species of Australian starflowers which are small compact woodland plants.		Frost Hardy/Frost Tender	
Campanula	Campanulaceae	80 species in UK cultivation	232	Hardy	
Campsis	Bignoniaceae	2 species and a number of cultivars of the vigorous trumpet vine.	10	Frost Hardy	
Cantua	Polemoniaceae		2		
Capparis	Capparaceae	250 species of tropical, sub-tropical or Mediterranean shrubs commonly called the caper.		Frost Tender	
Capsicum	Solanaceae	10 species of annual or perennial woody plants grown for their pepper fruits.	114	Frost Tender	
Caragana	Papilionaceae	80 species of often spiny shrubs or small trees grown for their yellow pea-like flowers	3	Hardy	
Cardamine					
Caralluma	Asclepiadaceae	Syn. Ordea, Frerea. 80-100 species of clump forming succulents.	0	Frost Tender/Glasshouse	
Cardiandra	Hydrangeaceae		4		
Carex	Cyperaceae	Diverse range of grass-like sedges make up an estimated 1,500 species	73	Hardy/Frost Tender	proposal in progress
Carica	Caricaceae	22 tropical trees and shrubs more widely known as Paw paw, papaya and melon trees.	1	Glasshouse	
Carlina	Asteraceae	28 species of annuals and perennials occurring in meadows and alpine regions.	1	Frost Hardy	
Carmichaelia	Papilionaceae	40 species of New Zealand native shrubs grown for their foliage and unusual flowers.	0	Frost Tender	
Carpenteria	Hydrangeaceae	flowering shrub with white scented flowers, known as tree anemone.	4		
Carpobrotus	Aizoaceae	25 species of creeping perennial succulents with brightly coloured daisy flowers.	1	Frost Tender	
Carthamus	Asteraceae	14 annual occasionally perennial spiny low growing plants adapted to dry conditions.	1	Frost Tender	

Cassia	Caesalpiniaceae	Link to Senna. 500 species of annual and perennials grown for their attractive flowers.		Hardy/Frost Hardy	
Cassine	Celastraceae	80 species of evergreen tropical trees and shrubs known as the shower trees.		Glasshouse	
Cassinia	Asteraceae	20 species of evergreen, heather-like shrubs from Australia, New Zealand and S. Africa.	1	Hardy	
Casuarina	Casuarinaceae	could be linked to Allocasuarina (4). 40-70 Species of Australian pine or she oak.		Frost Tender	
Catananche	Asteraceae		4		
Catopsis	Bromeliaceae	20 species of tropical epiphytic perennials related to Tillandsia.		Glasshouse	
Celastrus	Celastraceae	30 species of deciduous , quick growing climbing plants with attractive autumn colour.	0	Hardy/Frost Tender	
Celmisia	Asteraceae	a genus of perennial herbaceous plant or sub-shrubs with silvery foliage and white daisy-like flowers.	2		
Celosia	Amaranthaceae		2		
Celtis	Ulmaceae	70 species of deciduous trees commonly known as the hackberry or nettle trees.		Hardy	
Centranthus	Valerianaceae	perennial, often naturalises into banks and dry walls in coastal areas. Known as valerian, flowers are usually red but sometimes pink.	5		
Cephalanthus	Rubiaceae		3		
Cephalaria	Dipsacaceae	65 species of annuals and perennials grown for their attractive flowers.	0	Hardy/Half Hardy	
Cephalotaxus	Cephalotaxaceae	9 species of plum yews, grown for their attractive foliage and fruit.	3	Hardy	
Cerastium	Caryophyllaceae	low-growing mat-forming perennial, usually with white flowers and silvery foliage.	0		
Cereus	Cactaceae	40 species of tree-like or shrubby cacti	3	Glasshouse	
Cerinthe	Boraginaceae	annual, biennial or perennial, with simple, often greyish leaves and tubular flowers with conspicuous bracts. Known as honeywort.	1		
Ceropegia	Asclepiadaceae	200 species of tropical rainforest perennials.	1	Frost Tender	
Cestrum	Solanaceae	175 species of deciduous and evergreen shrubs grown for their attractive flowers.	4	Frost Tender/Glasshouse	
Chaenorhinum	plantaginaceae		2		
Chaenostoma	Scrophulariaceae		4		
Chamaecytisus	Papilionaceae	30 species of evergreen and deciduous shrubs found on dry hilly locations.		Hardy	
Chamaedorea	Arecaceae	100 species of small tropical palms.	0	Frost Tender	
Chamaemelum	Asteraceae		2		
Chamaenerion	Onagraceae		3		
Chamaerops	Arecaceae	a shrub-like clumping palm, with several stems growing from a single base and fan-like spiky leaves.	1		
Chasmanthe	Iridaceae	red or yellow flowers in vertical rows on either side of the yellow-green stem. Sword-like foliage. Also known as the Cobra Lily, related	1		
Chasmanthium	Poaceae		3		
Cheilanthes	Adiantaceae	150 species of lip fern, grown for their evergreen foliage and resistance to drought.		Hardy/Frost Tender	
Cheiridopsis	Aizoaceae	100 species of clump forming succulents found in semi-arid desert regions.		Frost Tender	
Chelone	Scrophulariaceae	6 species of moist woodland and prairie perennials grown for their attractive flowers.	5	Hardy	
Chenopodium	Chenopodiaceae	150 species of annuals and perennial plants some of which are important as pseudo-crops.	0	Hardy	
Chimonobambusa	Poaceae	42 species of East Asian bamboo.	2		
Chirita	Gesneriaceae	100 species of African violet-like tropical plants found in southern Asia.	0	Glasshouse	
x Chitalpa	Bignoniaceae				
Chloris	Poaceae	55 species of finger or windmill grass native to tropical and sub tropical regions.		Glasshouse	
Choisya	Rutaceae	8 species of evergreen shrubs grown for their attractive foliage and scented blooms.	13	Hardy/Frost tender	
Chrysogonum	Asteraceae		1		
Cicerbita	Asteraceae	8 species of chicory and endive, annuals and perennials found growing in poor, dry soils.	1	Hardy	
Cichorium	Asteraceae		8		
Cinnamomum	Lauraceae	250 species of tropical and sub-tropical trees and shrubs. Includes camphor.		Frost Tender	
Cirsium	Asteraceae	200 species of low growing herbaceous perennials and biennials adapted to damp habitats	7	Hardy	
Cissus	Vitaceae	350 species of evergreen climbers, shrubs and perennials from sub tropical and tropical regions.	2	Frost Tender	
Clarkia	Onagraceae	36 species of ornamental flowering annuals found on dry sunny slopes.		Hardy	
Claytonia	Portulacaceae	15 species of deciduous and evergreen alpine succulents from Australia and W. North America		Hardy	
Cleistocactus	Cactaceae	40 shrubby to tree-like cacti resembling Cereus. (Botanic Garden Collection)		Glasshouse	
Cleome	Cleomaceae		3		

Clerodendrum	Verbenaceae	400 species of deciduous and evergreen trees, shrubs and climbers grown for their foliage and flowers.	6	Hardy/Frost Tender	
Cleyera	Pentaphylacaceae		2		
Coccothrinax	Areaceae	30 - 50 species of thatch palm from Florida and the Caribbean where they inhabit dunes and coastal areas.		Frost Tender	
Codonanthe	Gesneriaceae	13 species of epiphytic, trailing perennials and sub-shrubs grown for their attractive flowers.	1	Frost Tender	
x Codonanthus	Gesneriaceae				
Coelogyne	Orchidaceae	200 species of epiphytic orchids.	0	Glasshouse	
Coffea	Rubiaceae	40 species of small trees and shrubs from tropical Asia which includes <i>Coffea arabica</i> , coffee.		Glasshouse	
Coleonema	Rutaceae		3		
Columnnea	Rutaceae	8 species of heathland evergreen shrubs from South Africa	12	Glasshouse	
Colutea	Papilionaceae	25 species of mainly small to medium-sized shrubs with attractive pea-like flowers	1	Hardy Shrubs	
Combretum	Combretaceae	250 species of tropical evergreen or semi-evergreen trees and shrubs.		Frost Tender	
Commelina	Commelinaceae	250 species of mat or clump forming tradescantia-like perennials.	4	Frost Hardy/Frost Tender	
Conophytum					
Conospermum	Proteaceae	Australian smoke bush, requiring same conditions as Banksias.		Glasshouse	
Convolvulus	Convolvulaceae	250 species of climbing or scrambling annuals and perennials as well as some low growing sub-shrubs.	3	Hardy/Frost Tender	
Coprosma	Rubiaceae	evergreen shrubs with leathery, simple leaves and insignificant dioecious flowers. Colourful berries on female plants, where both sexes	28		
Coptis	Ranunculaceae	10 species of low growing evergreen perennials.		Hardy	
Cordia	Boraginaceae	300 species of deciduous and evergreen shrubs and trees native to the middle East		Glasshouse	
Coreopsis	Asteraceae	perennial, usually with yellow flowers, related to Bidens. Known as tickseed.	92		proposal in progress
Coriandrum	Apiaceae	annual herb, aka coriander and cilantro.	6		
Coronilla	Papilionaceae	20 species of annuals, herbaceous perennials, and shrubs grown for their attractive pea-like flowers	7	Hardy/Frost tender	
Corryocactus	Cactaceae	20 species of shrubby or tree-like cacti from Chile. (Botanic Garden)		Glasshouse	
Cortaderia					
Cortusa	Primulaceae		1		
Corylopsis	Hamamelidaceae	30 species worldwide, about 5 spp and 5 vars. Etc in UK cultivation	5	Hardy	
Coryphantha	Cactaceae	45 species of mound forming cacti similar to Mammillaria		Glasshouse	
Costus	Costaceae	90 species of clump forming ginger relatives.	0	Frost tender	
Cotula	Asteraceae	can be prostrate annuals or rhizomatous perennials with simple or pinnately divided leaves and solitary, button-like flower-heads in su	1		
Cotyledon	Crassulaceae	9 species of compact growing succulents native to Africa.	4	Frost tender	
Crambe	Brassicaceae	20 species of large and showy herbaceous perennials.	2	Hardy	
Craspedia	Asteraceae	8 species of annuals and perennials from Australia, Tasmania, and New Zealand.		Hardy/Half Hardy	
Cremanthodium	Asteraceae	50 species of perennials found in cool mountainous regions of India, and generally grown as alpine.		Hardy	
Crepis	Asteraceae	200 species of annual and perennial hawk's beard, usually found in dry sunny locations.	0	Hardy	
Crinodendron	Elaeocarpaceae		3		
Crinum	Amaryllidaceae	130 species of deciduous and evergreen bulbous perennials found in damp conditions.	14	Hardy/Frost Tender	
Crotalaria	Papilionaceae	600 species of tropical and sub-tropical annuals, perennials and evergreen shrubs with showy pea-like flowers		Frost tender	
Cryptanthus	Bromeliaceae	20 species of terrestrial earth star or starfish bromeliads from dry forest regions of Brazil.	3	Frost Tender	
Cryptocoryne	Araceae	50 species of marginal aquatic plants from tropical and sub-tropical Asia.		Frost Tender	
Ctenanthe	Marantaceae	15 species of rosette forming maranta relatives grown as tropical foliage plants.	1	Glasshouse	
Cucumis	Cucurbitaceae	30 species of tropical climbing and scrambling vines from the cucumber family	19	Glasshouse	
Cucurbita	Cucurbitaceae	27 species of mainly annual tropical climbing vines or scrambling perennials	40	Glasshouse	
Cunninghamia	Cupressaceae	evergreen coniferous tree with reddish bark and rigid, narrowly lance-shaped leaves, with spherical brown cones.	2		
Cuphea	Lythraceae	250 species of annuals and short-lived perennials grown for their decorative flowers.	7	Half Hardy/Frost tender	
Cupressus	Cupressaceae	24 species of mainly large growing conifers of varying size but most of conical shape.	31	Hardy/Half Hardy	
Curio	Asteraceae		2		
Cyananthus	Campanulaceae	25 species of short, tufted growing perennials native to cool areas of the Himalayas and China.	1	Hardy	
Cyathea	Cyatheaceae	600 species of tree fern native to the southern hemisphere and can be quite quick growing.	1	Frost Hardy	
Cyathodes	Epacridaceae	Syn. Leucopogon (4) and Leptocphylla (3)		Frost Tender	

Cymbalaria	Scrophulariaceae	10 species of herbaceous perennial plants. Grows in rock crevices and has tiny snapdragon-like flowers.	6		
Cymbidium	Orchidaceae	50 species and numerous cultivars epiphytic and terrestrial sub-tropical and tropical orchids	0	Glasshouse	proposal in progress
Cynanchum	Asclepiadaceae	200 species of perennial non-succulent climbers or twiners. Known as milkweeds.			
Cynara	Asteraceae	genus of thistle-like perennial plants in the sunflower family. Includes cardoons and artichokes.	16		
Cynoglossum	Boraginaceae	55 species of annuals, biennials and short-term perennials with varying colours of forget-me-not-like flowers.	0	Hardy/Half hardy	
Cynorchis	Orchidaceae	130 species of terrestrial orchid native to Africa and Madagascar.		Glasshouse	
Cyperus	Cyperaceae	600 species of sedge-like perennial plants found in wetland habitats. Includes <i>Cyperus papyrus</i> , papyrus	4	Hardy/frost tender	
Cyphostemma	Vitaceae	150 species of semi-arid succulents from Madagascar and Africa.		Frost Tender	
Cypripedium	Orchidaceae	35 species of deciduous terrestrial slipper orchids often grown in woodland gardens.	10	Hardy/Frost Hardy	
Cyrtanthus	Amaryllidaceae	50 species of clump forming fire lilies native to Africa and grown for their showy flowers.	3	Frost Hardy/Frost Tender	
Cyrtomium	Dryopteridaceae		1		
Cyrtorchis	Orchidaceae	16 species of epiphytic orchids native to tropical Africa		Tropical Glasshouse Collection	
Cytisus	Papilionaceae	50 species of compact growing shrubs, tolerant of dry conditions and grown for their attractive pea-like flowers.	37	Hardy Shrubs	
D					
Dacrycarpus	Podocarpaceae	9 species of dioecious tall evergreen conifer trees and shrubs.	0		
Dacrydium	Podocarpaceae	Halocarpus (1), Lagarstrobos (1), Dacrydium (1), Lepidothamnus (1)		Hardy	
Dactylorhiza	Orchidaceae	marsh, or spotted orchid. Long lanceolate leaves and white, pink and red speckled flowers.	1		
Daiswa	Trilliaceae	Syn. Paris			
Dalbergia	Papilionaceae	Tropical trees and shrubs		Glasshouse	
Dalea	Papilionaceae	Perennials and shrubs native to the Americas	1		
Dampiera	Goodeniaceae	70 species soft stemmed herbaceous perennial. or deciduous/evergreen sub-shrubs		Half hardy to frost tender	
Daphne	Thymelaeaceae		87		proposal in progress, Daphne (woodland spp. & cvs.) held
Daphniphyllum	Daphniphyllaceae	evergreen tree or shrub with handsome, rhododendron-like foliage, from South East Asia.			
Darwinia	Myrtaceae	60 species evergreen heather like shrubs from heaths, sandy plains and scrub in Aust.		Frost tender	
Dasyllirion	Draceanaceae	dioecious evergreen shrubs or trees with thick stems bearing terminal rosettes of narrow, spiny-edged leaves; tiny star-shaped flowers			
Deinante	Hydrangeaceae		4		
Delosperma	Aizoaceae	150 species evergreen or semi evergreen succulent shrubs or mat forming perennials	29	Frost hardy to frost tender	proposal in progress
Dennstaedtia	Dennstaedtiaceae	Terrestrial and epiphytic ferns		Glasshouse	
Deschampsia	Poaceae		21		
Desmodium	Papilionaceae	450 species deciduous sub-shrubs and perennials from tropical and sub tropical regions		Fully hardy to frost tender	
Dianella					
Diaphanante	Orchidaceae	40 species of epiphytic tropical orchids.		Glasshouse	
Dichaea	Orchidaceae	40 species of compact and tufted epiphytic orchids.		Glasshouse	
Dicentra					
Dichelostemma	Alliaceae	7 species of cormous perennials native to the Western Seaboard of North America	3	Hardy Perennials	
Dichorisandra	Commelinaceae	25 species robust erect soft stemmed evergreen perennials from woodlands in America	0	Frost tender	
Dichroa	Hydrangeaceae	12 species of deciduous shrub, similar to hydrangea. From China and SE Asia.	1		
Dieffenbachia	Araceae	25 evergreen perennial herbs grown for their handsome foliage.	6	Glasshouse	
Dimorphotheca	Asteraceae	Annual equivalent of Osteospermum. Approx. 6 forms exist all are ephemeral perennials.		Half Hardy Perennials	
Dinteranthus	Aizoaceae	Matt forming succulent plants native to Turkey, Oman, Afghanistan and Southern Russia			
Dionysia	Primulaceae	Aromatic, cushion forming rock garden plants or sub-shrubs.	17	Fully hardy	
Dioscorea	Dioscoreaceae	600 species tuberous deciduous or evergreen climbing perennials, some succulent	0	Frost hardy to frost tender	
Dipelta	Berberidaceae	deciduous shrub with simple, opposite leaves and solitary or clustered, fragrant, weigela-like flowers in late spring or summer.			
Diplarrhena	Iridaceae	tufted perennial with basal linear leaves, flowers have six white tepals. From Australia.			
Diplazium	Woodsiaceae	Tropical ferns		Glasshouse	
Dipsacus	Dipsacaceae	Teasel, herbaceous perennial or biennial.			
Disa	Orchidaceae	Terrestrial orchids	20	Glasshouse	
Discaria	Rhamnaceae	15 species deciduous trees or shrubs from rocky places and scrub		Fully hardy to frost tender	

Discocactus	Cactaceae	8 species of cacti		Glasshouse	
Disocactus	Cactaceae	12 species of epiphytic cacti		Glasshouse	
Distylium	Hamamelidaceae	Could be linked to a Hamamelidaceae collection	1	Hardy Shrubs	
Diuris	Orchidaceae	40 species of tuberous terrestrial orchids.	0	Glasshouse	
Dodecatheon	Primulaceae	summer-dormant herbaceous perennials with basal rosettes of simple leaves and arching stems bearing umbels of cyclamen-like flow	11		
Dodonaea	Sapindaceae	Tropical and subtropical evergreen shrubs.	1	Glasshouse	
Dolichandrone	Bignoniaceae	9 species of tropical shrubs and trees		Glasshouse	
Dombeya	Sterculiaceae	200 species of tropical trees and shrubs native to Madagascar and Africa		Glasshouse	
Doodia	Blechnaceae	Australasian terrestrial ferns similar to Woodwardia	1	Frost hardy to frost tender	
Doronicum	Asteraceae	herbaceous perennial native to Europe, southwest Asia and Siberia. Yellow, daisy-like flowerheads in spring and summer.	7		
Dorstenia	Moraceae	170 species of tropical perennial herbs		Glasshouse	
Doryopteris	Adiantaceae	Tropical ferns		Glasshouse	
Draba	Brassicaceae	Cushion forming plants well suited for rock gardens or alpine houses	3	Hardy Perennials	
Dracocephalum	Lamiaceae	50 species of annuals, perennials and dwarf shrubs for dry areas	4	Fully hardy	
Dregea	Apocynaceae		2		
Drimys	Winteraceae	8 spp of evergreen trees and shrubs with attractive, aromatic, leathery leaves and terminal clusters of small, star-shaped flowers	0		
Drosanthemum	Aizoaceae	Succulent perennial shrubs from semi-desert in southern Africa		Glasshouse	
Dryandra	Proteaceae	60 species, shrubs and small trees from dry areas in Australia		Glasshouse	
Dryas	Rosaceae	Cushion-forming perennial aka avens. White flowers with a yellow centre. Popular in rockeries and alpine gardens.	2		
Drymonia	Gesneriaceae	30 species of tropical epiphytic scrambling shrubs.		Glasshouse	
Drynaria	Polypodiaceae	20 species of giant ferns native to the Himalayas, Africa, Asia, China and Australia	0	Glasshouse	
Duchesnea	Rosaceae	Mock strawberry. Foliage and an aggregate accessory fruit similar to that of a true strawberry, but has yellow flowers.	0		
Dudleya	Crassulaceae	Succulent perennial, short growing, native to California, Mexico and Nevada.		Glasshouse	
Duranta			2		
Duvalia	Asclepiadaceae	19 species of succulent perennial native to Africa		Glasshouse	
Dyckia	Bromeliaceae	Rosette forming perennials	4	Glasshouse	
E					
Eccremocarpus	Bignoniaceae	5 species of climbing perennials, evergreen or deciduous, with pinnately divided leaves and tubular orange-red flowers.	5		
Echidnopsis	Apocynaceae	Succulent genus from East Africa and the Arabian Peninsula		Glasshouse	
Echinacea	Asteraceae		195		proposal stage - E. purpurea cvs
Echinocactus	Cactaceae	15 species slow growing, spherical, barrel-shaped or columnar cacti, SW USA & Mexico		Glasshouse	
Echinocereus	Cactaceae	45 species, simple or clump forming, ribbed perennial cacti with diurnal flowers	1	Glasshouse	
Echinodorus	Alismataceae	30 species of aquatic or marginal annuals or perennials	0	Glasshouse	
Edgeworthia	Thymelaeaceae		4		
Edraianthus	Campanulaceae	24 species short lived herbaceous perennials from sunny habitats	0	Fully hardy to frost tender	
Ehretia	Boraginaceae	50 species of deciduous and evergreen trees and shrubs from woodland areas		Frost hardy to frost tender	
Elaphoglossum	Lomariopsidaceae	400 species of epiphytic ferns from Pan Tropical regions of the world.		Glasshouse	
Elatostema	Urticaceae		3		
Eleocharis	Cyperaceae	150 species of spiked rushes, includes <i>Eleocharis dulcis</i> , Chinese water chestnut.		Glasshouse	
Eleutherococcus	Araliaceae	30 species mainly deciduous trees, shrubs and some climbers from E and S Asia	1	Fully hardy	
Elleanthus	Orchidaceae	50 species of terrestrial orchid native to tropical and epiphytic orchids from Central and South America.		Glasshouse	
Elymus	Poaceae	150 species tufted or rhizomatous grasses from temperate regions	1	Fully hardy	
Encelia	Asteraceae	15 species of low growing shrubs, and perennial herbaceous plants from SW USA and Mexico.		Frost Hardy	
Encyclia	Orchidaceae	150 species mainly evergreen epiphytic orchids, fleshy pseudobulb		Glasshouse	
Ensete	Musaceae	7 species banana like monocarpic evergreen perennials	2	Glasshouse	
Epacris	Epacridaceae	35 species evergreen heather like shrubs from Australia, N.Z. and New Caledonia		Frost hardy to frost tender	
Ephedra	Ephedraceae	40 species usually dioecious evergreen shrubs from dry rocky areas	0	Fully hardy to frost tender	
Epidendrum	Orchidaceae	750 species widely varied evergreen orchids	0	Glasshouse	

Epigaea	Ericaceae	3 species prostrate evergreen shrubs and sub-shrubs		Mainly fully hardy	
Epilobium	Onagraceae	200 species very varied and widely distributed genus	2	Fully hardy	
Epipactis	Orchidaceae	24 species rhizomatous terrestrial herbaceous orchids	3	Fully hardy	
Episcia	Gesneriaceae	6 species creeping, stoloniferous mat forming epiphytic perennials	0	Frost tender	
Eragrostis	Poaceae	250 species clump forming annual and perennial grasses, widespread	2	Fully hardy to half hardy	
Eranthis	Ranunculaceae	7 species small clump forming perennials with knobby tubers, from damp woodland	7	Fully hardy to frost tender	proposal in progress
Eremurus	Asphodelaceae	40-50 species clump forming fleshy rooted perennials from west and central Asia	28	Fully hardy	proposal in progress
Eria	Orchidaceae	500 species of evergreen mainly epiphytic orchids		Glasshouse	
Erinus	Scrophulariaceae	2 species rosette forming evergreen perennials, for rock garden	1	Fully hardy	
Eriobotrya	Roaaceae	30 species evergreen shrubs and trees from Himalayas and east Asia	3	Frost hardy to frost tender	
Eriogonum	Polygonaceae	150 species varied genus with woolly foliage an dense umbels of long-lasting flowers	0	Fully hardy to frost tender	
Eriophorum	Cyperaceae	20 species rapidly spreading rhizomatous evergreen for bog, marsh and margins		Fully hardy, acid soil	
Eriophyllum	Asteraceae	12 species, annuals, perennials and sub-shrubs fro western N. America. Rock garden	0	Fully hardy to frost tender	
Eriostemon	Rubiaceae	23 species evergreen shrubs and small trees from Australia		Glasshouse	
Erythrina	Papilionaceae	100 species very varied and widespread genus, usually spiny	1	Glasshouse	
Eschscholzia	Papaveraceae	8-10 species slender erect annuals and perennials from grassy areas, N. America	7	Fully hardy	
Escobaria	Cactaceae	17 species small mainly spherical or cylindrical cacti from semi desert		Glasshouse	
Eucharis	Amaryllidaceae	17 species evergreen summer flowering bulbous perennials		Glasshouse	
Eugenia	Myrtaceae	Now put in Syzgium, Acmena or Ugni in RHS Encyclopaedia but still in PF	0		
Eulophia	Orchidaceae	300 species terrestrial mainly deciduous orchids	0	Glasshouse	
Eurybia	Asteraceae		5		
Euryops	Asteraceae	100 species evergreen shrubs, sub-shrubs, herbaceous perennials and annuals	2	Fully hardy to half hardy	
Eustoma	Gentianaceae	3 species erect tap rooted annuals, biennials and short lived perennials		Glasshouse	
Exacum	Gentianaceae	25 species of annuals, been. and evergreen perennials grown mainly as house plants	0	Glasshouse	
Exochorda	Rosaceae	4 species deciduous woodland shrubs grown for their showy white flowers	7	Fully hardy	
F					
Fargesia	Poaceae	82 species of bamboo, some are cultivated as ornamentals, with common names including umbrella bamboo and fountain bamboo.	39		
x Fatshedera	Araliaceae				
Fatsia	Araliaceae	2-3 species evergreen shrubs or small trees	4	Frost hardy to half hardy	
Faucaria	Aizoaceae	30 species clump forming fleshy rooted succulent shrubs and perennials		Glasshouse	
Felicia	Asteraceae	80 species of annuals, perennials and sub-shrubs, grown for daisy like flowers	3	Frost hardy to frost tender	
Ferocactus	Cactaceae	30 species of flattened, spherical or columnar perennial cacti	0	Glasshouse	
Ferula	Apiaceae	170 species of robust tap rooted aromatic perennials from dry, sunny areas	2	Fully hardy	
Festuca	Poaceae	300-400 species deciduous or evergreen, rhizomatous usually tufted perennials	21	Fully hardy	
Filipendula			20		proposal in progress
Foeniculum	Apiaceae	Fennel, a large biennial or perennial with aromatic, finely dissected leaves and umbels of small yellow flowers, followed by aromatic fr	5		
Fortunella	Rutaceae	5 species, sometimes spiny evergreen shrubs and small tress		Glasshouse	
Fothergilla	Hamamelidaceae	Fothergilla are rounded deciduous shrubs with broadly ovate leaves often colouring well in autumn, and small, catkin-like spikes of wh	12		
Fouquieria	Fouquieriaceae	Details		Glasshouse	
Frailea	Cactaceae	10-15 species flattened, columnar or spherical off-setting cacti		Glasshouse	
Frangula	Rhamnaceae		3		
Fraseria	Gentianaceae	15 species of erect growing deep rooting woodland perennials from North America.		Hardy	
Freesia	Iridaceae	6+ species cormous perennials from sandy lowland and rocky uplands in South Africa	37	Glasshouse	
Fremontodendron	Malvaceae		2		
Furcraea	Agavaceae	12 species perennial succulents from desert like areas		Glasshouse	
G					
Gagea	Liliaceae	50 species of small bulbous perennials.		Hardy/half hardy	
Gaillardia	Asteraceae	30 species of annual, biennials and perennials found growing in sunny open habitats	31	Hardy/frost Hardy	

Galatella	Asteraceae		2		
Galega	Papilionaceae		6		
Galium	Rubiaceae	400 species of annual and biennials. Many species are considered invasive.	0	Hardy/Frost Hardy	
Garcinia	Guttiferae	200 species of evergreen sub-tropical and tropical trees		Glasshouse	
Gardenia	Rubiaceae	200 species of evergreen shrubs and small trees grown for their attractive foliage and highly scented flowers.	6	Frost tender	
x Gastraloe	Asphodelaceae				
Gaura	Onagraceae	see Oenothera (G)	0	proposal in progress	
Gazania	Asteraceae	16 species of low growing annuals and evergreen perennials grown for their showy flowers.	24	Half hardy/Frost tender	
Geissorhiza	Iridaceae	70 species of erect growing corm bearing perennials.		Hardy/frost tender	
Genista	Papilionaceae	90 species of brooms, mainly deciduous and grown for their attractive flowers.	8	Hardy/Half hardy	
Gentianopsis	Gentianaceae	25 species of erect growing perennials that are sometimes included in the genus Gentian.		Hardy	
Gerbera	Asteraceae	40 species of highly ornamental perennials found in dry sunny locations.	12	Half Hardy	
Gesneria	Gesneriaceae	50 species of epiphytic perennials and sub-shrubs grown for their attractive flowers.	0	Glasshouse	
Gibasis	Commelinaceae	11 species of annual and perennial tuberous herbaceous plants from tropical America		Frost Tender	
Gibbaeum	Aizoaceae	20 species of ground hugging, perennial succulents.		Glasshouse	
Glandularia	Verbenaceae		26		
Glaucium	Paeoniaceae	1 species of highly ornamental Japanese woodland perennial grown for its flowers and foliage.		Hardy	
Gleditsia	Caesalpiniaceae	14 species of deciduous trees with spines and fern-like foliage, but with attractive flowers.	7	Hardy	
Gleichenia	Gleicheniaceae	10 species of tropical and sub-tropical bracken-like ferns.		Glasshouse	
Globularia	Globulariaceae	20 species of low growing perennials and sub-shrubs found in Mediterranean regions.	3	Hardy	
Gloriosa	Colchicaceae	1 species of highly ornamental tuberous climbing perennial with attractive flowers.	9	Frost Tender	
Glottiphyllum	Aizoaceae	60 species of low growing and branching perennials from semi-arid desert regions.	0	Frost Tender	
Gnaphalium	Asteraceae	150 species of annual, biennial or perennial everlasting cudweed.		Frost Tender	
Gnidia	Thymelaeaceae	150 species of evergreen heather-like shrubs native to Tropical Africa.		Glasshouse	
Goeppertia	Marantaceae	300 species of evergreen tropical perennials grown for their attractive foliage.	8	Tender	
Gomphrena	Amaranthaceae	90 species of erect or prostrate growing annuals, occasionally perennials with showy flowers.	1	Half Hardy/Frost tender	
Goniolimon	Plumbaginaceae	20 species of perennials found in hot dry mountainous regions. Rown for their everlasting flowers.	2	Hardy	
Goodenia	Goodeniaceae	170 species of shrubs and herbaceous plants native to Australia, New Guinea and the W. Indies.		Glasshouse	
Goodyera	Orchidaceae	40 species of evergreen, terrestail orchids occurring in temperate and tropical woodland.		Hardy/frost tender	
Gossypium	Malvaceae	39 species of perennials and subshrub commonly know as cotton.	0	Glasshouse	
Grammatophyllum	Orchidaceae	12 species of large epiphytic or terrestrial orchids.		Glasshouse	
x Graptoveria	Crassulaceae				
Grevillea	Protaceae	250 species of evergreen shrubs and trees grown for their destinctive flowers and foliage.		Frost Hardy/Frost Tender	
Grewia	Tiliaceae	150 species of tropical and subtropical deciduous and evergreen trees grown for their showy flowers		Frost Tender	
Griffinia	Amaryllidaceae	7 species of bulbous perennials .		Frost Tender	
Grindelia	Asteraceae	60 species of evergreen annuals and woody stemmed perennials grown for their colourful flowers.	0	Hardy/Frost Tender	
Gustavia	Lecythidaceae	41 species of tropical and subtropical evergreen trees.		Glasshouse	
Guzmania	Bromeliaceae	120 species of evergreen, epiphytic bromeliads native to SE USA, South. America,and the West Indes	4	Glasshouse	
Gynandiris	Iridaceae	9 species of small, corm producing perennials occuring in stoney grassland habitats.		Frost Hardy	
Gynura	Asteraceae	50 species of evergreen perennials and subshrubs from tropical woodland of Africa and Asia.	0	Glasshouse	
Gypsophila	Caryophyllaceae	100 species of annuals, perennials and occassionally subshrubs grown for their showy flowers.	28	Hardy/frost tender	
H					
Haageocereus	Cactaceae	40-50 species of shrubby or arborescent cacti with tubular-funnelform flowers.		Frost tender	
Habenaria	Orchidaceae	500-600 species of terrestrial, orchids for humus-rich soil in a woodland garden.		Fully hardy to frost tender	
Haberlea	Gesneriaceae		1		
Hakea	Protaceae	130+ species of evergreen trees and shrubs. Hot summers needed for flowering.	0	Half hardy to frost tender	
Haloragis	Haloragaceae		2		
Haplopappus	Asteraceae	160 species of annuals, perennials, subshrubs and shrubs for rock-garden or trough.	0	Fully hardy	

Hardenbergia	Papilionaceae		4		
Harrisia	Cactaceae	10-20 species of tree-like perennial cacti. Large funnel-shaped nocturnal flowers.		Frost tender	
Hechtia	Bromeliaceae	40 species of dioecious, terrestrial perennials (bromeliads). Leaves coarsely spiny.		Frost tender	
Hedysarum	Leguminosae	100 species of perennials and subshrubs. Pea-like flowers usually purple, red or pink.	0	Fully hardy	
Helianthus	Asteraceae	Commonly known as Sunflowers	52	Annual	
Helichrysum	Asteraceae	500 species of annuals, perennials, shrubs and subshrubs with "everlasting" flowers.		Fully hardy to frost tender	
Helictotrichon	Gramineae	About 50 species of tussock-forming perennial grasses. Spikelets in nodding panicles.	2	Fully hardy	
Heliophila	Brassicaceae	About 75 species of annuals, biennials, perennials and subshrubs. Usually short-lived.		Frost hardy	
Heliopsis	Asteraceae		19		
Heloniopsis	Liliaceae	4 species of rosette-forming perennials. Nodding funnel-shaped flowers best in shade	4	Fully hardy	
Heracleum	Umbelliferae	60 species of robust, irritant biennials or perennials.	0	Fully hardy	
Hermannia	Sterculiaceae	100+ species of perennials, subshrubs and shrubs with bell-shaped flowers.		Frost tender	
Hesperis	Brassicaceae	About 30 species of biennials and perennials with panicles of fragrant flowers.		Fully hardy	
Heteranthera	Pondederiaceae	10 species of aquatic annuals or perennials, floating or creeping on mud.		Tropical	
Hevea	Euphorbiaceae	9 species of trees with copious latex. Flowers small and fragrant.		Z5	
Hexadesmia	Orchidaceae	About 15 species of epiphytic orchids with small flowers.		?	
Hibbertia	Dilleniaceae	120+ species of evergreen trees, shrubs and climbers with saucer-shaped flowers.	0	Half hardy to frost tender	
Hieracium	Asteraceae	250-260 species of perennials, many of which are weeds. Flower usually yellow.	2	Fully hardy	
Himalayacalamus	Poaceae		1		
x Hippeasprekelia	Amaryllidaceae				
Hippophae	Elaeagnaceae		13		
Hoffmannia	Rubiaceae	45+ species of perennials and shrubs. Small flowers followed by red berries.		Tropical	
Holboellia	Lardizabulaceae		0		
Holcus	Poaceae		2		
Holodiscus	Rosaceae	8 species of deciduous shrubs. Attractive, airy panicles of small flowers.		Fully hardy	
Homeria	Iridaceae	31 species of cormous perennials. Scented showy flowers from spring to summer.		Half hardy	
Hoodia	Asclepiadaceae	About 20 species of branching, leafless, perennial succulents. Unpleasantly scented.		Frost tender	
Hormathophylla	brassicaceae				
Houlletia	Orchidaceae	10 species of epiphytic orchids with racemes of large flowers.		Tropical	
Houstonia	Rubiaceae	50 species of perennials or shrubs. Flowers usually blue, purple, lilac or white.	2	Z6	
Houttuynia	Saurururaceae		7		
Hovea	Leguminosae	About 20 species of sometimes spiny shrubs. Showy pea-like flowers.		Half hardy to frost tender	
Hovenia	Rhamnaceae	2 species of deciduous trees with yellow, fragrant flowers and small spherical fruits.		Fully hardy	
Hoya	Asclepiadaceae	200+ species of climbing and shrubby perennials, some epiphytic, with waxy flowers.	8	Frost tender	
Huernia	Asclepiadaceae	60-70 species of low-growing perennial succulents. Flowers unpleasantly scented.	0	Frost tender	
Humata	Davalliaceae	50 species of scaly epiphytic or lithophytic ferns.	2	Z10	
Huntleya	Orchidaceae	About 10 species of evergreen epiphytic orchids with solitary waxy flowers.		Frost tender	
Hyacinthella	Hyacinthaceae	About 16 species of small bulbous perennials. Best in alpine house or bulb frame.	0	Fully hardy to frost hardy	
Hyacinthoides	Hyacinthaceae	3 or 4 species of bulbous perennials. Racemes of blue, pink or white flowers.	12	Fully hardy	
Hydrocotyle	Apiaceae	75 species of moisture-loving herbaceous perennials and marginal aquatic perennials.	1	Fully hardy to frost tender	
Hylocereus	Cactaceae	20+ species of climbing or scrambling, epiphytic, perennial cacti. Flowers nocturnal.		Frost tender	
Hymenocallis	Amaryllidaceae	40+ species of bulbous perennials. Flowers fragrant, resembling spidery daffodils.	0	Frost tender	
Hymenophyllum	Hymenophyllaceae	300 species of terrestrial or epiphytic ferns. Fronds erect or pendent.	0	?	
Hypocalymma	Myrtaceae	13 species of evergreen shrubs related to <i>Leptospermum</i> .	0	Half hardy to frost tender	
Hypoestes	Acanthaceae	40 species of perennials, subshrubs and shrubs, some with polka-dotted foliage.	0	Frost tender	
Hypolepis	Dennstaedtiaceae	40-45 terrestrial ferns.	0	Tropical	
Hypoxis	Hypoxidaceae	150+ species of cormous perennials. Star-shaped flowers from spring to summer.	1	Frost hardy to frost tender	
I					

Iberis	Brassicaceae	40+ species of annuals, perennials and evergreen subshrubs. May be short-lived.	14	Fully hardy to frost hardy	
Illicium	Illiciaceae		1		
Incarvillea	Bignoniaceae	14 species of annuals and perennials with terminal racemes of exotic flowers.	4	Fully hardy to frost hardy	
Indigofera	Leguminosae	700+ species of annuals, perennials, shrubs and trees. Pea-like flowers.	5	Fully hardy to frost hardy	
Inula	Asteraceae		5		
Ipomoea	Solanaceae		2		
Ipomoea	Convolvulaceae	500+ species of annuals and perennials, many of them trailing or climbing.	11	Frost tender	
Ismene	Amaryllidaceae		2		
Isopogon	Protoaceae	35+ species of mainly small shrubs with firm, cone-like, spherical flower heads.		Half hardy to frost tender	
Isotoma	Campanulaceae		3		
Itea	Escalloniaceae		7		
Ixia	Iridaceae	40-50 species of cormous perennials with star-shaped, brightly coloured flowers	16	Half hardy	
Ixora	Rubiaceae	400 species of evergreen shrubs and trees with vibrantly coloured, scented flowers.	0	Frost tender	
J					
Jacaranda	Bignoniaceae	30-45 trees from wet rain forests. Elegant fern-like leaves and foxglove-like flowers.		Frost tender	
Jacobaea	Asteraceae		2		
Jasione	Campanulaceae		1		
Jovellana	Scrophulariaceae	6 species of herbaceous shrubs and semi-evergreen sub-shrubs. Showy flowers.		Frost hardy	
Jumellea	Orchidaceae	60 epiphytic orchids. Solitary flowers, white or green-white turning apricot with age.		Glasshouse	
Juncus	Juncaceae	About 300 species of rhizomatous perennial rushes, some twisted or variegated.	9	Fully hardy	
Jurinea	Compositae	About 250 biennials, perennials and sub-shrubs. Flowers pink, red or lilac.		?	
Justicia	Acanthaceae	About 420 species of evergreen perennials, shrubs and sub shrubs. Tubular flowers.	4	Frost tender	
Juttadinteria	Aizoaceae	12 succulent sub shrubs. Flowers subsessile in late summer.		Glasshouse ?	
K					
Kadsura	Schisandraceae		2		
Kalanchoe	Crassulaceae	130 species of succulents, shrubs, climbers and small trees. All have fleshy stems.	13	Frost tender	
Kalimeris	Asteraceae		12		
x Kalmiothamnus	Ericaceae				
Kefersteinia	Orchidaceae	15 epiphytic orchids.		Glasshouse	
Kennedia	Papilionaceae	16 species climbing and trailing perennials with long-keeled pea-like flowers.		Half hardy to frost tender	
Kerria	Rosaceae		5		
Kleinia	Asteraceae	40 species of succulent perennials related to Senecio. Thistle-like flower heads.		Frost tender	
Knautia	Dipsacaceae		8		proposal stage
Koeleria	Poaceae	About 30 species of grasses cultivated for their ornamental silvery or blue leaves.	1	Fully hardy	
Koellensteinia	Orchidaceae	10 terrestrial or epiphytic orchids.		Glasshouse	
Koelreuteria	Sapindaceae	Deciduous shrubs or trees. Panicles of flowers, usually yellow.	4	Fully hardy to frost hardy	
Kohleria	Gesneriaceae	50 species of perennials and sub shrubs. Foxglove-like flowers, singly or in pairs.	22	Frost tender	
Kolkwitzia	Caprifoliaceae		4		
Kunzea	Myrtaceae	25 evergreen shrubs and small trees with bottlebrush spikes of flowers.	1	Frost tender	
L					
Lachenalia	Hyacinthaceae	90 species of bulbous perennials with showy racemes or spikes of flowers.	14	Half hardy	
Lactuca	Asteraceae	About 100 annual or perennial herbs with milky sap.	35	?	
Laelia	Orchidaceae	70 epiphytic or lithophytic orchids.	0	Glasshouse	
Lampranthus	Aizoaceae	180+ erect or prostrate succulents. Profusely borne daisy-like flowers.	14	Frost tender	
Lamprocapnos	Papaveraceae		5		
Lapeirousia	Iridaceae	38 species of perennials. Flowers in spikes or panicles.		Frost tender	
Lastreopsis	Dryopteridaceae	30-35 terrestrial or epiphytic ferns.		Glasshouse	
Laurus	Lauraceae	2 species of evergreen shrubs and trees with aromatic leaves.	2	Frost hardy	

Lavatera	Malvaceae	About 25 species of annuals, perennials, and shrubs. Funnel-shaped Mallow flowers.	31	Fully hardy to frost hardy	
Ledebouria	Hyacinthaceae	16 species of bulbous perennials. Flowers reminiscent of lily-of-the-valley.	2	Half hardy to frost tender	
Ledum	Ericaceae	Evergreen shrubs with aromatic leaves and white flowers. Suitable for heather garden.		Fully hardy	
Leea	Leeaceae	34 shrubs and small trees. Leaves often flushed bronze or red.		Glasshouse	
Lemboglossum	Orchidaceae	About 14 species of evergreen, mostly epiphytic orchids.		Glasshouse	
Lemna	Lemnaceae	13 minute floating aquatic herbs. Leaf-like plant body. Solitary roots.		Tropical	
Leonotis	Lamiaceae	About 30 species of aromatic, square-stemmed annuals, perennials, and shrubs.	1	Half hardy	
Leontopodium	Asteraceae	About 35 species of perennials suitable for rock garden, or alpine house.	4	Fully hardy	
Lepismium	Cactaceae	14 epiphytic or saxicolous cacti.		?	
Leptinella	Asteraceae	30 species of annuals and creeping, tufted, mat-forming perennials. Button-like flowers.	3	Fully hardy	
Leschenaultia	Goodeniaceae	About 20 species of perennials and shrubs from Australia. Showy terminal flowers.	0	Frost tender	
Lespedeza	Papilionaceae	40 species of annuals, perennials and shrubs with small pea-like flowers.	6	Fully hardy	
Lesquerella	Brassicaceae	40 species of annuals or perennials. Densely hairy with small flowers.		?	
Leucadendron	Proteaceae	80 species of small dioecious evergreen shrubs and trees. Flowers in terminal clusters.	22	Frost tender	
Leucocoryne	Alliaceae		6		
Leucojum	Amaryllidaceae		3		
Leucopogon	Epacridaceae	About 150 species of evergreen shrubs and small trees. Best in a rock garden.		Fully hardy to frost tender	
Leucospermum	Proteaceae	47 species of evergreen shrubs and small trees. Dense cone-like flower heads.	8	Frost tender	
Leucothoe	Ericaceae	50 species of shrubs with handsome leaves. Panicles of usually white flowers.	17	Fully hardy to frost hardy	
Leycesteria	Caprifoliaceae		3		
Leymus	Poaceae	About 40 species of perennial grasses. Ornamental but invasive.	1	Fully hardy	
Liatris	Asteraceae		7		
Libocedrus	Cupressaceae	6 species of conical, monoecious, evergreen coniferous trees and shrubs.		Fully hardy to half hardy	
Ligularia		13 species in UK cultivation	32		
Ligusticum	Apiaceae	25 species of perennials. Flowers white or green occasionally tinged purple.		?	
Limonium	Plumbaginaceae	150 species of annuals, perennials and sub shrubs. Papery flowers.	5	Fully hardy to frost tender	
Linanthus	Polemoniaceae	About 30 species of annuals and perennials. Bell- or funnel-shaped flowers.		Fully hardy to frost hardy	
Linaria	Scrophulariaceae	About 100 species of annuals, biennials and perennials. Flowers in terminal racemes.	19	Fully hardy to half hardy	
Lindera	Lauraceae	About 80 species of shrubs and trees. Aromatic leaves often colour well in autumn.		Fully hardy to frost tender	
Lindsaea	Dennstaedtiaceae	200 terrestrial or epiphytic ferns.		Glasshouse	
Linum	Linaceae		10		
Liparis	Orchidaceae	250 terrestrial and epiphytic orchids, usually pseudobulbous.	0	Glasshouse	
Lippia	Verbenaceae	200 perennials, shrubs or small trees often aromatic.		?	
Litchi	Sapindaceae	1 tree. Flowers white tinged green or yellow. Now thought to be unknown in the wild.	0	?	
Lithodora	Boraginaceae	About 10 species of low-growing shrubs and sub shrubs. Flowers blue or white.	1	Fully hardy to frost hardy	
Lithophragma	Saxifragaceae	About 9 species of rosette-forming perennials. Small campion-like flowers.		Fully hardy	
Lithospermum	Boraginaceae	60 low-growing annuals or perennials.		Fully hardy	
Livistonia	Arecaceae	About 28 species of single-stemmed palms with fan-shaped leaves.		Frost tender	
Loasa	Loasaceae	About 100 species of annuals, biennials, perennials and sub shrubs. Colourful flowers.		Frost hardy to half hardy	
Lobularia	Brassicaceae	5 species of low, hairy annuals and perennials grown for their often scented flowers.	4	Fully hardy	
Lockhartia	Orchidaceae	30 epiphytic orchids.		Glasshouse	
Lomandra	Asparagaceae		3		
Lomatia	Proteaceae	About 12 species of evergreen shrubs and trees for woodland garden or shrub border.		Frost hardy	
Lonchocarpus	Leguminosae	150 evergreen shrubs or trees.		Tropical	
Lophospermum	Plantaginaceae		4		
Loropetalum	Hamamelidaceae		10		
Lotus	Papilionaceae	Diverse genus of about 150 species of annuals, perennials and sub shrubs.	3	Fully hardy to frost tender	
Luffa	Cucurbitaceae	6 annual herbs trailing or climbing by tendrils.		Tender	

Lunaria	Brassicaceae		7		
Luzula	Juncaceae	About 80 species of grass-like perennials. Useful ground cover for damp shade.	15	Fully hardy	
Lychnis	Caryophyllaceae		38		
Lycium	Solanaceae	About 100 species of sometimes spiny, often scandent, shrubs. Flowers borne singly.	3	Fully hardy to frost tender	
Lycopodium	Lycopodiaceae	100+ evergreen epiphytic or terrestrial moss-like perennials.		Glasshouse	
Lygodium	Schizaeaceae	40 species of scrambling or climbing ferns.		Half hardy to frost tender	
Lyonia	Ericaceae	About 35 species shrubs or small trees with dense clusters of flowers.		Fully hardy to frost hardy	
Lythrum	Lythraceae	38 species of annuals and perennials preferring moist places. Long-flowering.	22	Fully hardy	Lythrum salicaria proposal in progress
M					
Maackia	Papilionaceae	8 species of deciduous trees and shrubs. Small pea-like flowers.		Fully hardy	
Macadamia	Protoaceae	10 species of trees or shrubs with a hard drupe.		Glasshouse	
Macleania	Ericaceae	40 species of evergreen shrubs and climbers, sometimes epiphytic. Waxy flowers.		Glasshouse	
Macleaya	Papaveraceae		3		
Maclura	Moraceae	15 species of trees, shrubs or climbers. Trees are good for specimen planting.	4	Fully hardy	
Macrozamia	Zamiaceae	12 species of dioecious cycads. Some have palm-like stem, others short and burred.		Glasshouse	
Maianthemum	Convallariaceae		4		
Malotigena	Aizoaceae		2		
Malpighia	Malpighiaceae	45 species of evergreen shrubs and small trees with starry, shallowly trumpeted fl.	0	Glasshouse	
Malva	Malvaceae	30 species of colourful annuals, biennials and perennials, sometimes woody-based.	15	Fully hardy	
Mangifera	Anacardiaceae	35 species of flowering trees with fleshy resinous drupes.	2	Glasshouse	
Manilkara	Sapotaceae	70 evergreen trees with milky latex. Flowers solitary or in clusters. Fleshy berries.		Glasshouse	
Maranta	Marantaceae	20 species of evergreen perennials from rain forest. Attractively marked leaves.	1	Glasshouse	
Marattia	Marattiaceae	60 large evergreen ferns. Fronds 2-3 pinnate. Stipes thick and succulent.		Tropical	
Marrubium	Lamiaceae	40 species of woolly perennials. Square stems. Effective in a Mediterranean garden.	2	Hardy to -10°C	
Matthiola	Brassicaceae	55 species of annuals and perennials and sub shrubs. Sweetly scented.	5	Fully to frost hardy	
Maytenus	Celastraceae	225 mainly dioecious evergreen trees and shrubs. Best grown as specimens.	0	Hardy to frost tender	
Mazus	Phrymaceae		2		
Medicago	Papilionaceae	50-60 annuals, perennials and small shrubs. Short racemes of pea-like flowers.	0	Hardy to frost hardy	
Melaleuca	Myrtaceae	150 evergreen trees and shrubs. Flowers, in hot summers, resemble bottlebrushes.	0	Half hardy to frost tender	
Melampodium	Asteraceae		4		
Melica	Poaceae	75 species of deciduous perennial grasses. Arching, linear leaf blades to 150c (5ft).	4	Fully hardy	
Meliosma	Meliosmaceae	20-25 evergreen trees and shrubs. Fragrant flowers in spring or summer.		Hardy to frost hardy	
Melittis	Lamiaceae		2		
Melocactus	Cactaceae	20 or more species of perennial cacti with spined ribs and diurnal flowers.		Glasshouse	
Menziesia	Ericaceae	8 species of shrubs. Now Classified under Rhododendron. Small bell-shaped flowers. Best in cool, damp summers.		Fully hardy	
Merendera	Colchicaceae	10 species of bulbous perennials. Flowers borne at ground level before the leaves.	0	Fully to half hardy	
Mertensia	Boraginaceae	50 species of perennials. Mostly blue flowers. For peat bed, border or wood garden.	0	Fully hardy	
Metrosideros	Myrtaceae	50 species of shrubs, trees and climbers. Insignificant flowers.	8	Frost hardy to frost tender	
Michelia	Magnoliaceae	45 species of evergreen shrubs and small trees. Magnolia-like, usually fragrant, flowers.		Glasshouse	
Microbiota	Cupressaceae		6		
Microgramma	Polypodiaceae	20 epiphytic ferns. Fronds entire and leathery.		Tropical	
Microlepia	Dennstaedtiaceae	45 species of evergreen ferns mainly found at the margins of tropical forest.	1	Glasshouse	
Micromeria	Lamiaceae	70 species of annuals, perennials and dwarf shrubs occurring in dry rocky sites.		Hardy to 10°C	
Milium	Poaceae		2		
Millettia	Papilionaceae	120 species of shrubs or trees and woody-stemmed climbers. Flowers pea-like.	0	Glasshouse	
Miltonia	Orchidaceae	15 species of epiphytic orchids. Flowers, sometimes fragrant, in erect racemes.		Glasshouse	
Mimosa	Mimosaceae	400 annuals, perennials, shrubs and trees. Long, hot summers required for flowers.		Glasshouse	
Mimulus	Scrophulariaceae	150 annuals, perennials and evergreen shrubs. Snapdragon-like, bright flowers.	14	Hardy to frost tender	

Minuartia	Caryophyllaceae	100 perennials or annuals of mat-forming habit.		Fully hardy	
Mirabilis	Nyctaginaceae	50 species of annuals and tuberous perennials. Large, often fragrant, trumpet flowers.	1	Glasshouse	
Mitella	Saxifragaceae	20 species of clump-forming perennials. Useful ground cover in a woodland garden.	1	Fully hardy	
Mitrraria	Gesneriaceae		2		
Momordica	Cucurbitaceae	45 annual or perennial climbers. Pendulous, yellow-orange flowers.		Glasshouse	
Monadenium	Euphorbiaceae	50 busy, tree-like or trailing, perennial, monoecious succulents. Small diurnal flowers.	0	Glasshouse	
Monanthes	Crassulaceae	12 species of mat-forming or shrubby, annual or perennial succulents. Diurnal flowers.		Glasshouse	
Monstera	Araceae	22 evergreen, often epiphytic climbers. Mature plants produce tiny, petal less flowers.	1	Glasshouse	
Moraea	Iridaceae	120 species of cormous perennials. Bears a succession of colourful, iris-like flowers.		Frost hardy to half hardy	
Mormodes	Orchidaceae	20 epiphytic orchids with colourful, fleshy flowers.		Glasshouse	
Mukdenia	Saxifragaceae		2		
Mussaenda	Rubiaceae	100 perennials, shrubs, sub shrubs and climbers. Colourful flowers and sepals.	1	Glasshouse	
Mutisia	Asteraceae	60 species of tendril climbers. Showy, daisy-like flower heads.	0	Frost hardy to half hardy	
Myoporum	Myoporaceae	30 species of evergreen shrubs and trees. Single, small bell-shaped or tubular flowers		Glasshouse	
Myosotis	Boraginaceae	50+ species of annuals, biennials or perennials. Flowers mostly blue, yellow or white.	14	Fully hardy	
Myrica	Myricaceae	50 species of usually suckering shrubs and erect trees. Aromatic dark green leaves.		Hardy to frost hardy	
Myriophyllum	Haloragaceae	45 species of submerged or marginal aquatic annuals and perennials. Oxygenators.	1	Hardy to frost hardy	
N					
Nandina	Berberidaceae	1 species of evergreen or semi-evergreen shrub. White flowers and elegant foliage.	17	Frost hardy	Nandina domestica proposal in progres
Nautilocalyx	Gesneriaceae	38 species of evergreen perennials. Tubular flowers and glossy leaves.		Glasshouse	
Neillia	Rosaceae	10 species of shrubs and sub shrubs. Graceful arching habit. Profuse, small flowers.		Fully hardy	
Nelumbo	Nelumbonaceae	2 species of marginal aquatic perennials. Solitary, fragrant, water lily-like flowers.	2	Half hardy to frost tender	proposal in progress
Nematanthus	Gesneriaceae	30 species of scandent or trailing epiphytic sub shrubs. Colourful flowers.	7	Glasshouse	
Nemesia	Scrophulariaceae	50+ species of annuals, perennials and sub shrubs. Annuals make colourful bedding.	41	Frost hardy to half hardy	
Nemophila	Hydrophyllaceae	11 species of slender fleshy-stemmed annuals. Saucer or bell-shaped flowers.	1	Fully hardy	
Neolloydia	Cactaceae	3 accepted species of spherical or cylindrical cacti. Often forms clumps by offsetting.		Glasshouse	
Neoporteria	Cactaceae	2–30 perennial cacti. Flowers produced from or close to the crowns.		Glasshouse	
Nephrolepis	Oleandraceae	30 epiphytic and terrestrial ferns. Dense clusters erect, spreading or pendent.	7	Glasshouse	
Nicandra	Solanaceae		2		
Nidularium	Bromeliaceae	25 species of usually epiphytic perennials related to <i>Neoregelia</i> .	0	Glasshouse	
Nierembergia	Solanaceae	20+ species of annuals, perennials and shrubs. Colourful, tubular flowers.	0	Hardy to frost tender	
Nigella	Ranunculaceae	20 species of erect, bushy annuals. Solitary flowers of pink, blue, yellow or white.	9	Fully hardy	
Nolana	Solanaceae	18 species of annuals, perennials and sub shrubs usually grown as annuals.	0	Half hardy	
Nolina	Dracaenaceae	20 species of evergreen, stemless perennials. Small flowers in terminal panicles.		Glasshouse	
Notholirion	Liliaceae	6 species of bulbous perennials related to <i>Fritillaria</i> and <i>Lilium</i> .		Frost hardy	
Notylia	Orchidaceae	40 epiphytic orchids. Flowers small, usually stalked and slender.		Glasshouse	
Nuphar	Nymphaeaceae	25 species of submerged, aquatic perennials. Floating leaves and solitary flowers.	0	Hardy to frost hardy	
Nymphoides	Menyanthaceae	20 species of submerged aquatic perennials. Yellow or white, fringed flowers.	0	Hardy to frost tender	
O					
Ocimum	Lamiaceae	35 species of aromatic annuals, perennials and shrubs with medicinal or culinary uses.	31	Half hardy to frost tender	
Oenothera (G)				proposal in progress	
Oerstedella	Orchidaceae	25 epiphytic or terrestrial orchids. Cane-like stems. Flowers in racemes or panicles.		Glasshouse	
Olea	Oleaceae	20 species of evergreen trees and shrubs. White or off-white flowers.	6	Frost hardy	
Omphalogramma	Primulaceae	15 species of perennials related to <i>Primula</i> . Solitary, horizontally borne flowers.		Fully hardy	
Onobrychis	Primulaceae	130 species of annuals, perennials, sub shrubs or spiny shrubs. Pea-like Flowers.		Glasshouse ?	
Ononis	Papilionaceae	75 species of annuals, perennials and dwarf shrubs. Pea-like flowers.	0	Fully hardy	
Onopordum	Asteraceae	40 erect, rosette-forming biennials. Large thistle-like flower heads. Attracts bees.		Fully hardy	
Onosma	Boraginaceae	150 species of biennials and often woody-based perennials. Nodding cymes of flowers		Frost hardy to -10°C	

Ophioglossum	Ophioglossaceae	30-50 mostly terrestrial or epiphytic ferns. Bright green fronds, thinly succulent.		?	
Ophrys	Orchidaceae	30 species of tuberous, terrestrial orchids. Suitable for a rock garden.		Hardy to frost hardy	
Oplismenus	Poaceae	6 species of annual or perennial grasses. Insignificant flowers in one-sided racemes.	0	Glasshouse	
Orbeopsis	Asclepiadaceae	10 species of leafless, perennial succulents. Clusters of starry, malodorous flowers.		Glasshouse	
Orchis	Orchidaceae	35 species of terrestrial orchids. Racemes of delicate flowers, sometimes pungent.		Hardy to frost hardy	
Oreopanax	Araliaceae	80-100 evergreen shrubs or trees. Flowers in terminal panicles, usually white.		Glasshouse?	
Oreopteris	Thelypteridaceae	3 species of terrestrial fern.		?	
Ornithogalum	Hyacinthaceae	80 species of bulbous perennials. Racemes of occasionally scented flowers.	6	Hardy to frost tender	
Orostachys	Crassulaceae	10 species of offsetting, monocarpic perennials. Spherical rosettes of fleshy leaves.	0	Half hardy to frost tender	
Osbeckia	Melastomataceae	40-60 species of perennials, sub shrubs and shrubs. Showy flowers.		Glasshouse	
Osmanthus	Oleaceae	15-20 species of evergreen shrubs and small trees. Small flowers, usually fragrant.	17	Hardy to frost tender	proposal in progress
Osteospermum	Asteraceae		65		
Othonna	Asteraceae	150 species of shrubby, succulent perennials. Terminal, daisy-like flower heads.		Hardy to frost tender	
Ourisia	Scrophulariaceae	25 species of low-growing perennials. Suitable for shady rock garden or peat bed.	7	Fully hardy	
Oxalis	Oxalidaceae		44		proposal in progress
Oxytropis	Papilionaceae	About 300 species of perennials. Pea-like flowers.		Fully hardy	
Ozothamnus	Asteraceae	50 species of shrubs and woody-based perennials. Aromatic heath-like leaves.	4	Hardy to half hardy	
P					
Pachycymbium	Asclepiadaceae	30 species of leafless, perennial succulents. Diurnal flowers in summer.		Frost tender	
Pachyphytum	Crassulaceae	12+ species of rosette-forming perennial succulents. Diurnal flowers in spring		Frost tender	
Pachypodium	Apocynaceae	13 species of shrubby or tree-like perennials. Diurnal flowers in summer.		Frost tender	
Pachysandra	Buxaceae	4 species of perennials and sub-shrubs. Spikes of small, petal less, white fls. in spring	7	Fully hardy	
Packera	Compositae	60 perennial herbs. Florets yellow to orange or red in spring or summer.		?	
Panax	Araliaceae	5 perennial herbs with umbels of small, green-white flowers. Drupaceous fruit.		?	
Pancratium	Amaryllidaceae	16 species of bulbous perennials. Showy fragrant fls. Best grown against a warm wall.		Half-hardy to frost tender	
Pandanus	Pandanaceae	250+ dioecious, evergreen shrubs and trees. Small fruits resemble pineapples.	0	Frost tender	
Pandorea	Bignoniaceae	6 species of evergreen flowering climbers. Suitable for pergolas in mild areas.	7	Frost tender	
Panicum	Gramineae	About 470 annual or perennial grasses, valued for their light airy flower heads.	42	Fully hardy to frost hardy	
Paris	Melanthiaceae		0		
Parnassia	Saxifragaceae	15 species of perennials requiring wet conditions. Solitary white or pale yellow flowers.		Fully hardy	
Parodia	Cactaceae	35-50 many-ribbed spiny cacti. In warmer climates can be grown in a desert garden.		Frost tender	
Patersonia	Iridaceae	13-18 species of tufted perennials. Short-lived iris-like blue, yellow or white flowers.		Frost tender	
Patrinia	Caprifoliaceae		1		
Pavetta	Rubiaceae	350 species so shrubs, sub shrubs and small trees.		Frost tender	
Pavonia	Malvaceae	150 species of evergreen perennials, sub shrubs and shrubs. Brightly coloured flowers.		Frost tender	
Pectinaria	Asclepiadaceae	3 dwarf, succulent, clump-forming, leafless but flowering herbs.		Glasshouse	
Pedilanthus	Euphorbiaceae	14 variable, bushy succulent shrubs and small trees. Stems contain milky sap.	0	Glasshouse	
Pediocactus	Cactaceae	6 species of spherical, perennial cacti. Bell-shaped flowers followed by fruits.		Glasshouse	
Pellaea	Adiantaceae	About 80 species of deciduous ferns for terrace or rock garden.	1	Frost tender to frost hardy	
Peniocereus	Cactaceae	20 species of thin-stemmed cacti. Solitary, trumpet-shaped flowers open at night.		Frost tender	
Pentadenia	Gesneriaceae	24 shrubby, flowering herbs or climbers		Tropical ?	
Pentas	Rubiaceae	40 evergreen perennials, biennials or shrubs. Corymbs of long-lasting flowers.	0	Frost tender	
Pereskia	Cactaceae	16 species of tree-like, scandent or shrubby, perennial cacti. Flowers spring to autumn.	0	Glasshouse	
Peresklopsis	Cactaceae	9 sparsely branched or scrambling, spiny shrubs. Flowers in summer.		Glasshouse	
Pericallis	Compositae	15 perennials or sub shrubs sometimes grown as annuals. Daisy-like flower heads.	4	Frost tender	
Perovskia (now Salvia)	Labiatae	7 species of deciduous sub shrubs. Aromatic grey-green leaves and blue flowers.	0	Fully hardy	
Persea	Lauraceae	150 evergreen trees and shrubs. Flowers yellow-green and inconspicuous.	0	Tropical	
Persoonia	Proteaceae	75 undershrubs, shrubs or small trees. Small flowers followed by drupe.		Tropical ?	

Petasites	Compositae	15 species of dioecious perennials. Thick stems with purple, white or yellow flowers.	3	Fully hardy to frost hardy	
Petrea	Verbenaceae	30 species of deciduous or semi-evergreen climbers, shrubs and small trees.	0	Frost tender	
Petrophila	Proteaceae	40 species of evergreen shrubs best in rocky or sandy soil. Flowers winter to spring.		Frost tender	
Petroselinum	Umbelliferae	3 species of biennials for the herb garden. Best as an annual as leaves coarsen.	6	Fully hardy	
Petteria	Leguminosae	1 species of deciduous shrub related to <i>Laburnum</i> . Fragrant yellow pea-like flowers.		Fully hardy	
Petunia	Solanaceae	About 40 species of annuals and perennials bearing many showy bright flowers.	43	Half hardy	
Peucedanum	Apiaceae		1		
Phacelia	Hydrophyllaceae	150 species of biennials and perennials. Colourful, nectar-rich flowers attract bees.		Fully hardy	
Phaedranassa	Amaryllidaceae	6 species of bulbous perennials. Colourful, pendant flowers from spring to summer.		Frost tender	
Phaius	Orchidaceae	30 species of terrestrial and epiphytic orchids. Flowers colourful and often spectacular.		Frost tender	
Phalaris	Gramineae	About 15 species of tufted annual grasses. Good for ground cover or pond side.	6	Fully hardy to frost hardy	
Phaseolus	Leguminosae	About 20 annual or perennial, usually climbing, herbs usually grown for beans.	39	Frost tender	
Phellodendron	Rutaceae	10 species of deciduous, dioecious trees. Small green flowers with blue-black fruits.		Fully hardy	
Phillyrea	Oleaceae	4 species of evergreen shrubs and trees. White flowers followed by blue-black fruits.	1	Fully hardy to frost hardy	
Philodendron	Araceae	500 species of often epiphytic shrubs, climbers or small trees.	7	Glasshouse	
Phlebodium	Polypodiaceae		4		
Phleum	Gramineae	15 annual or perennial grasses with flowering spikelets.		?	
Phoenix	Palmae	17 species of single and cluster-stemmed palms. Yellow panicles of flowers.	0	Glasshouse	
Phormium			60	Hardy	
Phragmites	Gramineae	4 species of perennial reed grasses. Vigorous and invasive.	1	Fully hardy	
Phygellus	Scrophulariaceae		24		
Phyllanthus	Euphorbiaceae	650 shrubs and herbs . New growth often flushed bronze-red.		Tropical	
x Phylliopsis	Ericaceae				
Phyllocladus	Podocarpaceae		3		
Phylodoce	Ericaceae	8 species of evergreen shrubs and sub shrubs. Flowers usually in umbel-like clusters.	5	Fully hardy	
Physalis	Solanaceae	80 species of annuals and perennials. Fruits enclosed in bright, papery calyces.	5	Fully hardy to frost hardy	
Physostegia	Labiatae	12 species of erect perennials with purple, pink or white flowers. Good cut flowers.	18	Fully hardy to frost hardy	
Phyteuma	Campanulaceae	40 species of perennials with spikes of, usually, blue, flowers.		Fully hardy	
Phytolacca	Phytolaccaceae	25 perennials, shrubs and trees grown for autumn foliage and attractive fruits.	1	Fully hardy to half hardy	
Piранthus	Asclepiadaceae	16 dwarf, succulent, leafless, perennial herbs. Flowers small and softly hairy.		Tropical ?	
Pieris	Ericaceae		46		
Pilea	Urticaceae	600 semi-succulent annuals and perennials. Textured, attractively marked leaves.	3	Glasshouse	
Pilosocereus	Cactaceae	60 species of tree-like or bushy perennial cacti. Spiny ribs, usually densely woolly.		Glasshouse	
Pimelea	Thymelaeaceae	80 evergreen shrubs and sub shrubs. Flowers, often fragrant and followed by fruits.	0	Frost hardy to frost tender	
Pimpinella	Umbelliferae	150 annuals, biennials and perennials. Umbels of tiny flowers followed by fruits.	2	Fully hardy	
Pinanga	Palmae	120 species of single or cluster-stemmed palms with leaves in terminal tufts.		Glasshouse	
Pinellia	Araceae	6 species of tuberous perennials for peat bed or rock garden.	1	Frost hardy to frost tender	
Pinguicula	Lentibulariaceae		2		
Piper	Piperaceae	1000+ shrubs, climbers and small trees. Many grown as spice crops.		Tropical	
Piptanthus	Papilionaceae				
Pistacia	Anacardiaceae	11 species of evergreen trees and shrubs. Green flowers, peppercorn-like fruits.		Frost hardy to half hardy	
Pitcairnia	Bromeliaceae	260 variable perennials (bromeliads). Mostly terrestrial but a few are epiphytic.		Glasshouse	
Pittosporum	Pittosporaceae	24 cultivars in UK cultivation	66	Hardy to about -8	
Pityrogramma	Adiantaceae	14 species of evergreen terrestrial ferns. Attractive fronds with powdery undersides.		Frost tender	
Plantago	Plantaginaceae	200 annuals, biennials, perennials and shrubs with attractive basal rosettes.	6	Fully hardy to frost tender	
Platanthera	Orchidaceae	85 tuberous terrestrial orchids.		Glasshouse ?	
Platycladus	Cupressaceae		16		
Platystele	Orchidaceae	12 small epiphytic orchids.		Glasshouse	

Pleioblastus	Poaceae		7		
Plumbago	Plumbaginaceae	10-15 species of annuals, perennials, evergreen shrubs and scandent climbers.	3	Half hardy to frost tender	
Plumeria	Apocynaceae	7 or 8 species of semi-evergreen shrubs and small trees. Fragrant, showy flowers.	3	Glasshouse	
Poa	Gramineae	500 species of mainly perennial grasses. Includes fodder, lawn and pasture grasses.	1	Fully hardy	
Podophyllum	Berberidaceae	9 species of shade-loving perennials. Leaves often attractively marked.	3	Fully hardy to frost hardy	
Polianthes	Agavaceae	13 species of perennials with spikes of showy tubular flowers.	5	Frost tender	
Polygala	Polygalaceae	500 annuals, evergreen perennials and shrubs. Pea-like flowers in spring and autumn.	6	Fully hardy to frost tender	
Polygaloides	Polygalaceae		3		
Polygonatum	Liliaceae	50 species of woodland perennials. Mainly white or cream flowers. Berries follow.	46	Fully hardy to frost hardy	
Polyscias	Araliaceae	100 species of evergreen shrubs. Small whitish-green flowers followed by berries.	5	Glasshouse	
Polystachya	Orchidaceae	About 200 largely epiphytic orchids.		Glasshouse	
Pomaderris	Rhamnaceae	About 40 evergreen shrubs or small trees. Small flowers spring to summer.		Glasshouse ?	
Ponerorchis	Orchidaceae	24 tuberous terrestrial orchids from China and Japan.		Glasshouse	
Pontederia	Pontederiaceae		1		
Porroglossum	Orchidaceae	25 epiphytic or terrestrial orchids.		Glasshouse	
Portulaca	Portulacaceae	100 small, semi-succulent annuals with a few perennials. Brightly coloured flowers.	0	Half hardy to frost tender	
Potamogeton	Potamogetonaceae	80-100 aquatic perennials flourishing in freshwater ponds and waterways.		Fully hardy to frost tender	
Potentilla (herbaceous)	Rosaceae			Hardy	
Pratia	Campanulaceae	20 species of prostrate, spreading perennials. Good ground cover for damp soil.	5	Fully hardy to frost hardy	
Primulina	Gesneriaceae		2		
Prosopis	Leguminosae	44 usually spiny trees, shrubs and sub shrubs. Flowers green-white to yellow.		Tropical ?	
Protea	Proteaceae	115 species of evergreen shrubs and small trees. Florets resemble large single flower.	16	Glasshouse	
Prumnopitys	Podocarpaceae	10 usually dioecious, evergreen coniferous trees with yew-like foliage. Plum-like fruits.	0	Fully hardy to frost tender	
Prunella	Labiatae	7 species of spreading semi-evergreen perennials with upright spikes of flowers.	14	Fully hardy	
Pseudosasa	Poaceae		2		
Pseudotsuga	Pinaceae	6-8 species of tall, evergreen, coniferous trees.	31	Fully hardy	
Pseudowintera	Winteraceae		4		
Psidium	Myrtaceae	100 evergreen trees or shrubs. Flowers white. Berries sometimes large and edible.		Tropical	
Psoralea	Leguminosae	130 perennial herbs or shrubs. Flowers pea-like.		Glasshouse ?	
Psychotria	Rubiaceae	500-900 perennials, shrubs and trees. Flowers followed by berries.		Tropical	
Ptelea	Rutaceae	3 species of aromatic, trees and shrubs. Greenish-white flowers. Winged fruits.	1	Fully hardy to frost hardy	
Pteris	Pteridaceae	280 deciduous, semi-evergreen and evergreen ferns.	6	Frost hardy to frost tender	
Pterodiscus	Pedaliaceae	18 species of succulent perennials and sub shrubs. Flowers diurnal.		Glasshouse	
Pterostylis	Orchidaceae	60 tuberous, terrestrial orchids. Flowers scapose, usually solitary.	0	Glasshouse	
Ptychosperma	Palmae	30 species of single or cluster-stemmed palms. Flowers followed by ovoid fruits.		Glasshouse	
Pulsatilla	Ranunculaceae	30 species of perennials. Fern-like leaves and silky-hairy flowers.	13	Fully hardy	
Punica	Punicaceae	2 species of deciduous shrubs or trees. Bright red flowers and edible fruits.	8	Frost hardy	
Puschkinia	Asparagaceae		7		
Pycnanthemum	Labiatae	21 aromatic mint-scented perennials herbs.	0	?	
Pyracantha	Rosaceae		32		
Pyrola	Pyrolaceae	35 species of creeping perennials. Difficult to establish, requiring special conditions.		Fully hardy	
Pyrrosia	Polypodiaceae	100 species of epiphytic and terrestrial evergreen ferns.	9	Glasshouse	
Q					
Quaqua	Asclepiadaceae	14 species of succulents. Bowl-shaped flowers in early summer.		Glasshouse	
Quesnelia	Bromeliaceae	15 species of epiphytic, terrestrial, evergreen perennials (bromeliads). Spiny leaves.		Glasshouse	
R					
Radermachera	Bignoniaceae	15 evergreen, pinnate-leaved trees or shrubs.		Tropical	
Ramonda	Gesneriaceae	3 species of perennials with hairy, crinkled leaves. For rock garden or alpine house.	3	Fully hardy	

Ranunculus	Ranunculaceae		28		
Raoulia	Compositae	20 species of evergreen perennials or sub-shrubs forming dense mats or cushions.	1	hardy to -10' C	
Rehmannia	Plantaginaceae		2		
Reineckea	Asparagaceae		6		
Renanthera	Orchidaceae	10 robust, monopodial, epiphytic orchids.	0	Glasshouse	
Renealmia	Zingiberaceae	70 aromatic, rhizomatous, perennial herbs. Leaves forming reed-like pseudostems.		Glasshouse	
Reseda	Resedaceae	55-60 species of annuals and perennials with racemes of small star-shaped flowers.	0	Fully hardy	
Restio	Restionaceae				
Rhamnus	Rhamnaceae	125+ species of shrubs or trees. Deciduous forms have good autumn colour and fruits.	1	Fully hardy to frost hardy	
Rhaphiolepis	Rosaceae	5+ species of evergreen shrubs and trees with fragrant apple-blossom-like flowers.	4	Frost hardy to half hardy	
Rhapis	Aracaceae	11 accepted species. Fan palms or Lady palm native to Southern China to Thailand and North Sumatra	0	Frost tender	
Rhipsalis	Cactaceae	50 species of mostly epiphytic or rock-dwelling perennial cacti.		Frost tender	
Rhodanthemum	Asteraceae		7		
Rhodocoma	Restionaceae				
Rhodohypoxis					
× Rhodoxis					
Rhodophiala	Amaryllidaceae	About 30 species of bulbous perennials closely related to <i>Hippeastrum</i> .	0	Fully hardy	
Richea	Epacridaceae	11 species of evergreen shrubs and small trees. Tree forms make good specimens.		Frost hardy to half hardy	
Ricinus	Euphorbiaceae	Genus of 1 species of fast-growing, monoecious shrub. Usually grown as an annual.	9	Half hardy	
Robinia	Leguminosae	20 species of trees and shrubs grown for their pendant racemes of pea-like flowers.	9	Fully hardy	
Rodriguezia	Orchidaceae	30 species of evergreen epiphytic orchids. Fragrant flowers in pendent racemes.		Frost house	
Romulea	Iridaceae	80 species of small cormous perennials. Colourful, crocus-like flowers.	0	Frost hardy to half hardy	
Rondeletia	Rubiaceae	125+ species of evergreen trees and shrubs. Flowers small and sometimes fragrant.		Frost tender	
Rothmannia	Rubiaceae	25-30 species of evergreen shrubs and trees with bell- or funnel-shaped flowers.		Frost tender	
Ruellia	Acanthaceae	150 species of perennials or woody shrubs and sub-shrubs. Attractive foliage.	1	Fully hardy to frost tender	
Rumex	Polygonaceae	About 200 species of annuals, biennials and perennials., some very invasive.	6	Fully hardy to half hardy	
Ruschia	Aizoaceae	350 species of stemless, perennial succulents. Daisy-like flowers in summer.		Frost tender	
Russelia	Plantaginaceae		2		
Ruta	Rutaceae	8 species of shrubs, sub-shrubs and perennials with aromatic foliage and flowers.	3	Fully hardy to frost hardy	
S					
Sabal	Palmae	14 species of single-stemmed or stemless palms with fan-shaped leaves.	0	Frost tender	
Sabatia	Gentianaceae	17 species of annual, biennial and perennials with erect branching stems.		?	
Saccharum	Gramineae	20 species of reed-like tufted grasses. Plume-like panicles of crowded flower spikes.		Fully hardy to frost tender	
Sagina	Caryophyllaceae		3		
Sagittaria	Alismataceae	20 species of aquatic perennials. Panicles of white flowers in summer.	2	Fully hardy to frost tender	
Sanguinaria	Papaveraceae		1		
Sanicula	Apiaceae				
Sanvitalia	Compositae	7 species of creeping annuals and perennials. Provide colourful ground cover.	0	Fully hardy	
Saponaria	Caryophyllaceae	20 species of annuals and perennials. Narrow leaves and abundant flowers in summer.	11	Fully hardy	
Sarcochilus	Orchidaceae	12 small, lithophytic or epiphytic, monopodial orchids. Stems short, leaves fleshy.		Glasshouse	
Sarcostemma	Asclepiadaceae	10 succulent sub-shrubs. Stems jointed, flowers in pedunculate umbels or clusters.	1	Glasshouse	
Sasa	Poaceae		1		
Satyrrium	Orchidaceae	100+ tuberous, terrestrial orchids.		Glasshouse	
Sauromatum	Araceae	2 species of tuberous perennials with large spathes. Best grown in woodland shade.		Frost tender	
Saussurea	Compositae	About 300 species of perennials. Mostly monocarpic. Some now endangered.		?	
Scaevola	Goodeniaceae	96 species short-lived perennials, scrambling climbers, shrubs and small trees.	10	Frost tender	
Scaphosepalum	Orchidaceae	30 epiphytic or terrestrial orchids.		Tropical	
Schefflera	Araliaceae	900+ species of shrubs, trees and climbers. Leaves spiralled, long-stalked and fine.	3	Half hardy to frost tender	

Schinus	Anacardiaceae	30 species of dioecious shrubs and trees. Red to purple fruits on female plants.		Half hardy to frost tender	
Schisandra	Schisandraceae	25 species of climbers. Single flowers followed by bright fruits.	5	Fully hardy	
Schizachyrium	Poaceae		8		
Schizanthus	Solanaceae	12-15 species of annuals and biennials. Showy orchid-like flowers spring to winter.		Frost tender	
Schizophragma	Hydrangeaceae		9		
Schlumbergera	Cactaceae	6 species of bushy cacti. Pendent, fleshy stems bear bright trumpet-shaped flowers.	1	Frost tender	
Schoenoplectus	Cyperaceae		2		
Schomburgkia	Orchidaceae	12-15 species of epiphytic or lithophytic orchids from rain forest and moist cliffs.		Tropical	
Schotia	Leguminosae	5 species of shrubs and trees. Leaves pinnate. Red or pink flowers in summer.		Half hardy to frost tender	
Sciadopitys	Sciadopityaceae		28		
Scilla	Hyacinthaceae		21		
Scindapsus	Araceae	40 herbaceous climbers with adventitious roots. Leaves variegated.	3	Glasshouse	
Scirpus	Cyperaceae	About 100 perennial grasses. Leaves broadly linear. Flowers minute.	1	?	
Sclerocactus	Cactaceae	22 accepted species (Kew POWO). Xerophytic cactus. Diurnal flowers in summer followed by green fruits.		Frost tender	
Scorzonera	Compositae	150 annuals and perennials.	1	?	
Scrophularia	Scrophulariaceae	200 species of sub-shrubs and herbaceous perennials. Suitable for a woodland garden.	2	Fully hardy to half hardy	
Seemannia	Gesneriaceae				
Selaginella	Selaginellaceae		4		
Selago	Scrophulariaceae	150 species of annuals, shrubs and sub-shrubs. Narrow leaves and small flowers.		Frost tender	
Selenicereus	Cactaceae	About 20 scandent, lithophytic or epiphytic cacti, often bearing aerial roots.		Glasshouse	
Semiaquilegia	Ranunculaceae		3		
Semiarundinaria	Gramineae	10-20 species of tall, upright bamboos. For woodland garden, specimen plant or hedge.	0	Fully hardy to frost hardy	
Senecio	Compositae	1,000+ species of annuals, biennials, perennials, climbers, shrubs and small trees.	4	Fully hardy to frost tender	
Senna	Leguminosae	260+ shrubs, trees and perennials. Flowers usually yellow and often clawed.	0	?	
Seriphidium	Compositae	60-130 species of annuals and herbaceous perennials. Silvery leaves often aromatic.		Fully hardy to half hardy	
Serratula	Compositae	70 species of erect perennials. With flat, discoid heads of flower.		?	
Seseli	Umbelliferae	65 species of biennials and perennials. Slender filiform leaves. Flowers in umbels.		Fully hardy to frost hardy	
Sesleria	Poaceae		2		
Setaria	Gramineae	100 species of annual or perennial grasses.	1	?	
Shepherdia	Elaeagnaceae	3 species of dioecious shrubs and small trees. Ornamental fruit on female plants.		Fully hardy	
Shibataea	Gramineae	5 species of low-growing evergreen bamboos. Plant densely for ground cover.	0	Fully hardy	
Shortia	Diapensiaceae	6 species of attractive, evergreen perennials. Glossy leaves turn red in winter.	0	Fully hardy	
Sideritis	Labiatae	100 species of annuals, perennials, shrubs and sub-shrubs. Need long, hot summers.		Half hardy to frost tender	
Silene	Caryophyllaceae	500 species of annuals, biennials and perennials. Use annuals as bedding.	41	Fully hardy to half hardy	
Silphium	Compositae	20 species of tall perennials. Sunflower-like yellow flowers.	1	Fully hardy	
Sinarundinaria	Gramineae	See Yushania and Fargesia			
Sinningia	Gesneriaceae	About 40 species of perennials and low-growing shrubs. Showy trumpet flowers.	7	Frost tender	
Sinobambusa	Gramineae	20 medium-sized bamboos.	0	?	
Sinopodophyllum	Berberidaceae		2		
Smilacina	Liliaceae	25 species of rhizomatous perennials. Fragrant creamy-white flowers. For shade.		Fully hardy	
Smilax	Liliaceae	200 species of woody climbers. Curled tendrils on prickly stems. Small starry flowers.	0	Frost tender to frost tender	
Smithiantha	Gesneriaceae	4 species of perennials. Hairy leaves with velvet sheen. Bright nodding flowers.	0	Frost tender	
Sobralia	Orchidaceae	50 species of terrestrial orchids with slender cane-like stems. Short-lived blooms.	0	Frost tender	
Solanum	Solanaceae	1,400 species of annuals, biennials, perennials, shrubs, trees and climbers.	192	Frost hardy to frost tender	
Soldanella	Primulaceae	10 species of small spring-flowering perennials. Flowers with fringed petals.	4	Fully hardy	
Soleirolia	Urticaceae		3		
Solidago	Compositae	100 species of woody-based perennials. Spikes of one-sided, usually yellow flowers.	37	Fully hardy	
Sollya	Pittosporaceae		2		

Sonchus	Compositae	60 species of annuals, perennials and shrubs with white latex.	0	?	
Sophora	Leguminosae	50 species of perennials, trees and shrubs. Elegant leaves and pea-like flowers.	3	Fully hardy to frost tender	
Sorbaria	Rosaceae		2		
Sorghastrum	Poaceae		2		
Sparaxis	Iridaceae	6 species of cormous perennials with loose spikes of brightly coloured flowers.	5	Half hardy	
Spathiphyllum	Araceae	36 species of rhizomatous perennials with long-stemmed white or cream spathes.	4	Frost tender	
Sphaeralcea	Malvaceae		5		
Sphagnum		Up to 350 species of mosses prevalent in peat bogs.		Fully hardy	
Spinacia			9		
Spiraea	Rosaceae		50		
Spiranthes	Orchidaceae	50 species of terrestrial or sometimes epiphytic orchids. Tiny white flowers.	1	Fully hardy to frost tender	
Sporobolus	Poaceae		3		
Stachys	Labiatae	300 species of annuals, perennials and a few shrubs. Many species aromatic.	13	Fully hardy to frost hardy	
Stachytarpheta	Verbenaceae	65 species of annuals, herbaceous or low shrubs.		?	
Stachyurus	Stachyuraceae	About 6 species of shrubs or small trees. Catkin-like flowers, usually before leaves.	8	Fully hardy	
Stapelia	Asclepiadaceae	45 species of perennial succulents. Diurnal, often foul-smelling, flowers in summer.	0	Frost tender	proposal in progress
Stapelianthus	Asclepiadaceae	8 species of perennial succulents. Diurnal flowers in summer.		Frost tender	
Stapelopsis	Asclepiadaceae	5 or 6 species of perennial succulents. Diurnal, urn-shaped flowers.		Frost tender	
Stenocarpus	Proteaceae	22 species of shrubs and trees grown for their foliage. (Flowers are rare in pots).		Frost tender	
Stenomeson	Amaryllidaceae	20 species of bulbous perennials. Brightly coloured flowers in pendent umbels.		Half hardy to frost tender	
Stenotus	Compositae	18 species of tufted sub-shrubs. Daisy-like, solitary flowers. Grow in a rock garden.		Fully hardy to frost hardy	
Stephanandra	Rosaceae		1		
Stembergia	Amaryllidaceae	8 species of bulbous perennials crocus-like flowers, usually yellow on leafless stems.	3	Frost hardy	
Stevia	Compositae	150 species of naturally sweet herb often used for medicinal or culinary purposes.		Frost tender	
Stigmaphyllon	Malpighiaceae	110 species of woody-stemmed, flowering climbers, shrubs and perennials.		Frost tender	
Stipa	Gramineae	300 species of bristly, perennial (rarely annual) grasses. Excellent for flower arranging.	9	Fully hardy to frost hardy	
Stomatium	Aizoaceae	40 species of perennial succulents. Solitary daisy-like, fragrant flowers on short stems.		Frost tender	
Strelitzia	Strelitziaceae	5 species of exotic clump-forming perennials which may reach 10m(30ft) tall.	1	Frost tender	
Streptopus	Liliaceae	7 rhizomatous perennials related to <i>Polygonatum</i> .		?	
Strobilanthes	Acanthaceae		5		
Strophanthus	Apocynaceae	30 shrubs and small trees. Flower lobes often form twisted, thread-like tails.		?	
Struthiola	Thymelaeaceae	30 shrubs and undershrubs. Leaves small, often heath-like.		?	
Strychnos	Loganiaceae	About 190 trees, shrubs and woody climbers.		Tropical	
Stylidium	Stylidaceae	150 species of annuals, perennials and sub-shrubs. Grassy foliage. Flowers in summer.	0	Frost tender	
Styphnolobium	Fabaceae		5		
Succisa	Caprifoliaceae		5		
Succisella	Caprifoliaceae		2		
Sutera	Scrophulariaceae		0		
Swertia	Gentianaceae	About 50 species of monocarpic or perennial herbs.		Frost tender	
Syagrus	Palmae	32 species of palms, sometimes stemless. Leaves in spiralling, terminal tufts.	0	Frost tender	
Sycoparrotia	Hamamelidaceae		1		
Symphoricarpos	Caprifoliaceae	About 17 species of shrubs grown for their fleshy, fruits which last well into winter.	10	Fully hardy.	
Syngonium	Araceae	33 species of evergreen, root climbers. Rarely flower in cultivation.	2	Glasshouse	
Syzygium	Myrtaceae	400-500 species of aromatic shrubs and trees. Fleshy, red, purple or white berries.		Half hardy to frost tender	
T					
Tacca	Taccaceae	10 species of stemless perennials with handsome foliage and unusual flowers.	0	Frost tender	
Tagetes	Compositae	About 50 species of strongly aromatic annuals and perennials. Daisy-like, many double.	14	Half hardy	
Talinum	Postulacaceae	50 species of annuals, biennials and often succulent woody-based perennials.	0	Fully hardy to frost tender	

Tamarix	Tamaricaceae	54 species of deciduous shrubs and small trees, thriving in coastal areas on sandy soil.	3	Fully hardy	
Tanacetum					
Taraxacum	Compositae	About 60 perennial or biennials. Flowers yellow often dark-striped beneath. Milky sap.	0	Z5	
Tasmannia	Winteraceae		2		
Tecoma	Bignoniaceae	12 species of evergreen climbers, scrambling shrubs and upright trees.	1	Frost tender	
Tecophilaea	Tecophilaeaceae		2		
Tectaria	Dryopteridaceae	200 ferns short-creeping to erect.		Z9	
Telipogon	Orchidaceae	60 epiphytic or terrestrial orchids. Stems slender, erect or rambling.		Glasshouse	
Tellima	Saxifragaceae	1 species of rosette-forming, hairy herbaceous perennial for cool woodland conditions.	5	Fully hardy	
Telopea	Proteaceae				
Tephroseris	Compositae	50 erect perennials or, rarely, annuals.		?	
Tetraneuris	Compositae	About 35 species of aromatic annuals and short-lived perennials. Daisy-like flowers.		Fully hardy	
Tetrapanax	Araliaceae		3	proposal in progress	
Tetragium	Vitaceae	90 species of evergreen and deciduous climbers with tiny flowers and black berries.		Frost tender	
Tetradlea	Tremandaceae	20+ species of small evergreen shrubs for heathland or drought-prone conditions.	0	Half hardy	
Teucrium	Lamiaceae	1 species of small-leaved shrub found only in New Zealand. Flowers white.		?	
Teucrium	Labiatae	About 300 species of perennials and shrubs and subshrubs with aromatic foliage.	19	Fully hardy to frost hardy	
Thamnocalamus	Gramineae	6 clumping bamboos.	4	Z6	
Thea		See Camellia			
Thermopsis	Leguminosae	About 20 species of rhizomatous perennials with erect stems and pea-like flowers.	0	Fully hardy	
Thlaspi	Brassicaceae	60 annuals, biennials and short-lived perennials for rock garden, scree or alpine house.		Fully hardy	
Thrinax	Arecaceae	7 species of single-stemmed palms with long-stalked, fan-shaped leaves.		Frost tender	
Thujopsis	Cupressaceae		4		
Tibouchina	Melastomaceae	About 350 species of shrubs, subshrubs or perennials, some of them climbing.	3	Frost tender	
Tigridia	Iridaceae		7		
Tillandsia	Bromeliaceae	400+ species of epiphytic, terrestrial or rock-dwelling perennials (bromeliads).	53	Frost tender	
Tithonia	Asteraceae		2		
Toona	Meliaceae		2		
Torenia	Linderniaceae		0		
Torreya	Taxaceae	7 species if dioecious, evergreen, coniferous shrubs or trees. Vigorous as specimens.	0	Fully hardy	
Townsendia	Asteraceae	About 20 species of annuals and often monocarpic perennials. Flowers aster-like.	0	Fully hardy	
Trachelium	Campanulaceae	7 species of small woody-based perennials with tubular flowers.	1	Fully hardy to half hardy	
Tradescantia	Commelinaceae	About 65 species of creeping, trailing or tuft-forming perennials.	55	Fully hardy to frost tender	proposed collection of hardy varieties
Tragopogon	Compositae	50 species of taprooted annuals, biennials and perennials with yellow or purple florets.	1	Z5	
Trevesia	Araliaceae	12 thick-stemmed, often clump-forming trees, many prickly.	0	Z10	
Tricantha	Gesneriaceae	26 subshrubs, epiphytes and climbers. Flowers solitary, paired or in clusters.		Z10	
Trichocaulon	Asclepiadaceae	20 succulent perennials with rudimentary leaves and small flowers.		Z9	
Trichomanes	Hymenophyllaceae	25 filmy ferns of the rain forests. Fronds erect and finely divided.		?	
Trichopilia	Orchidaceae	30 epiphytic orchids with fragrant wavy-margined flowers.		Glasshouse	
Trichosanthes	Cucurbitaceae	About 15 monoecious or dioecious annual and perennial climbers with colourful fruits.		Frost tender	
Tridactyle	Orchidaceae	36 epiphytic or monopodial orchids.		Glasshouse	
Tridens	Poaceae	About 10 species of grass from the southern states of America.		?	
Tridentea	Asclepiadaceae	17 dwarf, succulent perennials with 5 outer corona lobes.		Z9	
Trifolium	Leguminosae	About 240 species of annuals, biennials and perennials. Flowers attractive to bees.	21	Fully hardy	
Triteleia	Alliaceae	15 species of cormous perennials. Umbels of flowers borne on leafless stems.	16	Frost hardy	
Triticum	Poaceae	Wheat species.		?	
Tritonia	Iridaceae	28 species of cormous perennials closely related to Crocosmia. Colourful flowers.	4	Frost hardy to half hardy	
Trollius	Ranunculaceae	About 24 species of buttercup-like herbaceous perennials for moist or wet conditions.	26	Fully hardy	

Typha	Typhaceae		1		proposal in progress
Typhonium	Araceae	30 tuberous spathe-forming, herbaceous perennials.		Z10	
U					
Ulex	Leguminosae	20 species of spiny, evergreen shrubs with yellow flowers virtually all year round.	2	Fully hardy	
Umbilicus	Crassulaceae		2		
Uncinia	Cyperaceae		1		
Ursinia	Asteraceae	40 species of annuals, perennials and subshrubs. Brightly coloured daisy-like flowers.		Half hardy to frost tender	
Urtica	Urticaceae		0		
Utricularia	Lenticulariaceae	180 species of terrestrial, epiphytic or free-floating annuals and perennials.	1	Fully hardy to frost tender	
V					
Valeriana	Valerianaceae	200+ annuals, perennials, subshrubs and shrubs. Often aromatic, not always pleasant.	2	Fully hardy	
Vanda	Orchidaceae	30-40 epiphytic monopodial orchids. Aerial roots. Large showy flowers.	0	Frost tender	
Vanilla	Orchidaceae	100 scandent orchids with large funnel-shaped flowers.		Glasshouse	
Verbascum	Melanthiaceae		59		Verbascum spp. Proposal in progress
Verbesina	Compositae	About 150 species of annuals, perennials, shrubs and trees.	1	?	
Vernonia	Asteraceae	About 1000 species of annuals, perennials, climbers, subshrubs, shrubs and trees.	6	Fully hardy to frost tender	
Veronica	Scrophulariaceae	250 species of annuals, perennials and subshrubs, (including some marginal aquatics).	129	Fully hardy to frost hardy	
Verticordia	Myrtaceae	About 50 species of heath-like evergreen shrubs. Corymbs of showy flowers.		Frost tender	
Vicia	Leguminosae	140 annuals or perennials, often climbing by tendrils. Flowers pea-like.	13	?	
Vigna	Leguminosae	About 150 species of climbing or trailing annuals and perennials. Flowers pea-like.		Frost tender	
Villadia	Crassulaceae	25-30 succulent annuals and perennials. Small flowers in spikes or cymes.		Frost hardy to frost tender	
Vinca	Apocynaceae		36		
Vitex	Verbenaceae	250 species of deciduous or evergreen trees and shrubs from mainly tropical regions.	5	Frost hardy to frost tender	
Vriesea	Bromeliaceae	About 250 species of evergreen, mostly epiphytic perennials (bromeliads).	5	Frost tender	
W					
Wahlenbergia	Campanulaceae	About 100 species of annuals and perennials for alpine rock garden or peat bed.	0	Hardy to frost hardy	
Waldsteinia	Rosaceae	About 6 species of tufted rhizomatous perennials. Flowers yellow. Best in woodland.	1	Fully hardy	
Watsonia	Iridaceae	60 species of cormous perennials with sword-shaped leaves and showy flowers.	9	Half hardy	
Westringia	Labiatae	25 species of evergreen shrubs with white, pale blue or mauve flowers.	4	Frost tender	
Woodsia	Dryopteridaceae	About 25 species of small, tufted, deciduous terrestrial or rock-dwelling ferns.		Fully hardy to frost hardy	
X					
× Achimenantia	Gesneriaceae	8 hybrids. Collection should combine with Achimenes, and Aeschynanthus		Glasshouse	
× Doritaenopsis	Orchidaceae	Doritis × Phalaenopsis garden hybrids		Glasshouse	
× Epicattleya	Orchidaceae	Small number of garden raised hybrids of <i>Epidendrum</i> and <i>Cattleya</i> .		Glasshouse	
× Fatshedera	Araliaceae	hybrid with glossy leathery palmate leaves and small greenish-white flowers.			
× Laeliocattleya	Orchidaceae	Garden hybrids intermediate between parents in size and habit. Wide range of colours.		Glasshouse	
× Phylliopsis	Ericaceae	1 dwarf evergreen sub-shrub from crosses between <i>Phyllodoce</i> and <i>Kalmiopsis</i> .		Fully hardy	
× Sophrolaeliocattleya	Orchidaceae	Garden hybrids. Usually with <i>Cattleya</i> -like flowers in bright colours.		?	
Xanthocyparis	Cupressaceae		18		
Xerochrysum	Asteraceae		5		
Xylobium	Orchidaceae	30 species of epiphytic or terrestrial orchids.		Z10	
Y					
Yushiana	Poaceae				
Z					
Zaluzianskya	Scrophulariaceae	35 species of sticky annuals, perennials or subshrubs with heavily scented flowers.	3	Frost hardy	
Zamia	Zamaceae	About 30 species of small dioecious cycads. Single-sexed, cone-like flower spikes.	0	Frost tender	
Zantedeschia	Araceae	6 species of perennials for moist soils with white or brightly coloured spathes.	70	Fully hardy to frost tender	
Zanthoxylum	Rutaceae	About 250 species of spiny trees or shrubs. Leaves pinnate, bark aromatic.		Fully hardy to frost tender	

Zauschneria	Onagraceae		0		
Zenobia	Ulmaceae		3		
Zigadenus	Liliaceae	18 species of perennials with star-shaped greenish-white or yellowish flowers.		Frost hardy	at proposal stage
Zinnia	Asteraceae	20 species of perennials and subshrubs with brightly coloured, solitary flower heads.	14	Frost tender	
Ziziphus	Rhamnaceae	86 species of shrubs and trees with stipular spines. Numerous small yellow flowers.	2	Tropical	