	Genus	Species	Varieties	Common Names	Habit	UK Class	Likely Height	Spread	Leaf Type	Drought Tolerance	Native	Soil pH	Sandy	Loam	Heavy	Chalk	Paved	Sustainable Drainage Systems	Small/ Garden	Park/ Open spaces	Coastal	Transport Corridor (look at upright/ fastigated varieties too)	Cautions and observations
1	Acer	negundo	Auratum	Box elder, Ash-leafed Maple	Irregular	Large 15-25m	<18m	<18m	Deciduous	Moderately	No	All						TDAG		TDAG			Pinnate compound leaves. Yellow autumn. Resistant to Honey fungus. Vigorous growth when young. Also good adjacent to streams and ponds. Does well in poor soils.
2	Acer	platanoides	Farlakes Green, Summer Shade, Emerald Queen	Norway Maple	Irregular	Large 15-25m	17-22m	>8m	Deciduous	Moderately	No	All					TDAG			TDAG			
2a		*columnar*	Cleveland, Columnar, Fairview, Olmsted		Columnar				Deciduous														
2b		*compact*	Globosum		Ovoid				Deciduous														
2c		*purple/red leaves*	Crimson King, Crimson Sentry [3-8m tall],, Faasen's Black, Schwedleri, Royal Red, Debora, Fairview		Ovoid				Deciduous														
2d		*yellow leaves*	Princeton Gold		Ovoid				Deciduous														
3	Acer	saccharinum		Silver Maple	Globular	Large 15-25m	17-22m		Deciduous	Moderately	No	All						TDAG		TDAG			Can exceed 30m in 100 years, plant with space around. A river bank tree or flood plains.
3a		*columnar*																TDAG		TDAG			Still a massive tree in time.
4	Carpinus	betulus		Hornbeam	Ovoid	Large 15-25m	15-20m	4-8m	Deciduous	Moderately	Yes	All					TDAG			TDAG			RHS AGM. Excellent for poor planting conditions.
4a		*columnar*	**Fastigiata**, columnaris, Frans Fontaine		Columnar	Large 15-25m	12-17m	>8m	Deciduous	Moderately	No	All					TDAG			TDAG		Maybe	RHS AGM. Slow-growing. Autumn yellow. Full sun and partial shade. Good in woodland settings.
5	Catalpa	speciosa (cordifolia)		Bois Chavanon, Catawba	Ovoid	Large 15-25m	>12m	>8m	Deciduous	Moderately	No	All								TDAG			RHS AGM. Full sun. Large heart-shaped leaves. Architectural. Large purple sotted, white flowers. Lond seedpods.
6	Cercis	canadensis		Redbud	Globular	Small <10m	<10m	6m	Deciduous	Moderately	No								TDAG	TDAG			
6a		*RHS AGM*	Forest Pansy (purple leaf); Ruby Falls		Globular	Small <10m	<2.5m	<2.5m	Deciduous	Moderately	No	All							RHS				"Ruby Falls" - Weeping habit;
6b		*RHS Recommended*	Hearts of Gold		Bushy	Small <10m	4-8m	4-8m	Deciduous	Moderately	No	All							RHS				
7	x Chitalpa	tashkentensis		Chitalpa, Summer Bells Tree	Globular	Small <10m	<10m		Deciduous	Moderately	No	All							TDAG	TDAG			
8	Cornus	mas		Cornelian Cherry	Bushy	Small <10m	3-8m	2.5-4m	Deciduous	Moderately	No	All							TDAG	TDAG		RHS	Bee friendly dense clusters of tiny flowers. Fruit edible. February flowering. Bee friendly. Naturally multistemmed, prune to develop as tree.
8a		*RHS AGM*	Golden Glory		Bushy	Small <10m	2.5-4m	2.5-4m	Deciduous	Moderately	No	All							TDAG	TDAG		RHS	RHS AGM. Golden Glory is bee friendly with its copious flowers.
9	Corylus	colurna		Turkish Hazel/Filbert	Conical	Large 15-25m	12-24m		Deciduous	Moderately	No	All					TDAG		TDAG	TDAG			RHS AGM. 8cm catkins; Complex husk *(involucre)* holding the nuts in clusters (3-4). Full sun or partial shade.
10	Crataegus	crus galli	Prunifolia (RHS AGM)	Cockspur Hawthorn/Thorn	Globular	Small <10m	6-10m		Deciduous	Tolerant	No	All							RHS	RHS			Brilliant scarlet Autumn leaves. Flat-topped habit. A good specimen for impact.
11	Crataegus	laevigata		Woodland/Midland Hawthorn/May	Bushy	Small <10m	4-8m		Deciduous	Tolerant	Yes	All							TDAG	TDAG	TDAG	TDAG	Red or black fruit in Autumn
11a		*RHS AGM*	Paul's Scarlet (4-8m), Punciea/Crimson Cloud (4-8m), Rosa/Rosea Flore Pleno, Gireoudii (2.5-4m).		Bushy	Small <10m			Deciduous	Tolerant	No	All							TDAG	TDAG	TDAG	TDAG	Inedible fruit - mild stomach upset. Punciea - double pink flower.
12	Crataegus	x lavalleei	Carrierei (RHS AGM)	Lavallee Hawthorn/Hybrid Cockspur	Globular	Small <10m	5-7m	5-7m	Deciduous	Moderately	No	All							TDAG	TDAG	TDAG	TDAG	RHS AGM. Less thorny than most, a handsome variety for public spaces. Dense foliage, deep green. Bee friendly (June).
13	Crataegus	monogyna	Ferox, Biflora (Glastonbury Thorn)	Common Hawthorn, Quickthorn, May	Globular	Small <10m	4-8m	4-8m	Deciduous	Tolerant	Yes	All							TDAG	TDAG	TDAG	TDAG	Bee friendly. Use also for hedges. Ferox has thorns like barbed wire! Biflora variety flowers twice, including Winter.
13a		*W.J. Bean*	Stricta		Columnar	Small <10m	5-7m	5-7m	Deciduous	Tolerant	Uncertain	All							TDAG	TDAG	TDAG	TDAG	Very narrow and upright and very hardy in urban environment and coasts. Bee friendly.
14	Crataegus	x persimilis	Prunifolia (RHS AGM)	Broad-leaved Cockspur Thorn	Globular	Small <10m	5-8m	8m	Deciduous	Tolerant	No	All							RHS				Dramatic red and orange autumn colour.
15	Crataegus	pinnatifida	var major Big Golden Star (RHS rec.)	Chinese Hawthorn Tree	Globular	Small <10m	4-8m	2.5-4m	Deciduous	Tolerant	No	All							RHS				Nearly thornless. Leaf ovate/triangular/lozenge shaped.
16	Gleditsia	triancanthos (f)	f. inermis 'Sunburst'	Honey Locust	Ovoid	Large 15-25m	12-20m	4-8m	Deciduous	Tolerant	No	All					TDAG	TDAG		TDAG	TDAG	TDAG	One of my favourites. Polution tolerant; vandal-proof (thorny). Thornless variety - G.t. 'Inermis.'
17	Ilex	aquifolium		European Holly	Conical	Medium 10-15m	<12m	4-8m	Evergreen	Tolerant	Yes	All							TDAG	TDAG	TDAG		Base variety can be up to 25m tall; varieties can be much smaller. Huge genus, many varieties, good for barriers & aesthetic value. Shade tolerant.
17a		*RHS AGM*	Argentea Marginata (f/v); Handsworth New Silver; Pyramidalis; Silver Queen; Amber; J.C. van Tol; Ferox Argentea (m/v)		Conical	Medium 10-15m	<12m	4-8m	Evergreen	Tolerant	Uncertain	All							TDAG	TDAG	TDAG		Only a small sample across the varieties available. All varieties are variable in height.
18	Koelreuteria	paniculata	(RHS AGM) Coral Sun; Rose Lantern	Pride of India, Golden Rain Tree	Globular	Medium 10-15m	9-18m	8m	Deciduous	Tolerant	No	All					TDAG			TDAG		TDAG	Bee friendly. Ornamental 'bladdery' bronze fruit. Full Sun. Pollution tolerant.
18a		*columnar*	Fastigiata		Columnar	Medium 10-15m	9-18m	8m	Deciduous	Tolerant	No	All					TDAG			TDAG		TDAG	
19	Malus	sylvestris		Common Crab Apple	Bushy	Medium 10-15m	8-12m	4-8m	Deciduous	Unsure	Yes	All							TDAG	TDAG			Forest Research = Mod. Tolerant/ TDAG= Mod. Intolerant
20	Malus	trilobata		Lebanese Wild/Crab Apple	Irregular	Medium 10-15m	<15m	10-15m	Deciduous	Moderately	No	All					TDAG		TDAG	TDAG			Unusual. Some disagreement on Genus.
21	Malus	yunnanensis		Yunnan Crab Apple	Ovoid	Small <10m	6-12m	<12m	Deciduous	Moderately	No	All							TDAG	TDAG			Decorative fruit. Species-type habit variety - "veitchii"
22	Mespilus	germanica		Medlar	Irregular	Small <10m	4-8m	4-8m	Deciduous	Moderately	No	All							TDAG	TDAG			Edible fruit when "bletted" (near rotten). Bee friendly.
22a		*RHS Recommended*	Large Russian, Dutch (f), **(RHS AGM) Nottingham (f)**		Irregular	Small <10m	4-8m	4-8m	Deciduous	Moderately	No	All							TDAG	TDAG			Edible fruit when "bletted" (near rotten). Bee friendly.
23	Morus	alba		White Mulberry	Globular	Small <10m	<10m	10-15m	Deciduous	Moderately	No	All								TDAG			**Decorative** ornamental shrub/tree - var. Fruitless, Lacinata, Pyramidalis, Macrophylis, (RHS Listed) **pendula**

24	Morus	nigra		Black Mulberry	Globular	Small <10m	8-12m	>8m	Deciduous	Moderately	No	All				TDAG			Likes to lean. Full sun.
24a			*Varieties*	Fruitless (fruitless); Lacinata (cut leaf); Pyramidalis (upright); macrophylla/pantifolia (large leaved); pendula (weeping)	Globular	Small <10m	8-12m	>8m	Deciduous	Moderately	No	All				TDAG			
25	Olea	europaea		Olive	Irregular	Small <10m	4.5-9m	1.5-2.5m	Evergreen	Tolerant	No	All		TDAG		TDAG	TDAG	TDAG	Planted for character and evergreefoliage colour. Fruiting only in warm summers.
26	Ostrya	carpinofolia		Hop Hornbeam	Globular	Large 15-25m	15-18m	12m	Deciduous	Moderately	No	All		TDAG			TDAG	TDAG	TDAG	Good for screening. Fascinating hop-like fruiting structure. Very adaptable. Hard, dense wood.
27	Parrotia	persica		Persian Ironwood	Globular	Small <10m	4-8m	>8m	Deciduous	Moderately	No	All		TDAG			TDAG			Flamboyant addition to any space. Attractive leaf in all seasons; flaky bark. Full sun.
27a			*RHS AGM*	Vanessa	Globular	Medium 10-15m	8-12m	2.5-4m	Deciduous	Moderately	No	All		TDAG			TDAG			Particularly vivid colour changes. Larger specimen than the parent. Full Sun. Small red flowers on bare stems in late winter and early spring.
28	Paulownia	tomentosa		Foxglove Tree	Globular	Medium 10-15m	12-17m	>8m	Deciduous	Moderately	No	All		TDAG			TDAG			RHS AGM - Another of my favourite trees. Fragrant showy 'foxglove' flowers.
28a			*RHS AGM*	Fast Blue = 'Minfast'	Columnar	Small <10m	4-8m	4-8m	Deciduous	Moderately	No	All		TDAG			TDAG			
29	Platanus	x hispanica		var. **Compact Crown**: Alpen Globe **Narrow Crown**: Huissen, pyramidalis	Globular	Massive >25m	17-35m	>8m	Deciduous	Moderately	No	All		TDAG	TDAG		TDAG		TDAG	Early season allergenicity
30	Platanus	orientalis		Oriental Plane	Globular	Massive >25m	12-30m	<25m	Deciduous	Moderately	No	All		TDAG	TDAG		TDAG		TDAG	Deeply palmately-lobed leaves. Inconspicuous flowers; clusters of burr-like fruit.
30a			*RHS Recommended*	Mirkovec (smaller); P.o. insularis (Cyprian plane)	Globular	Small <10m	2.5-4m	4-8m	Deciduous	Moderately	No	All		TDAG	TDAG		TDAG		TDAG	Stiking indented/dogtoothed leaf.
31	Prunus	cerasifera		Cherry plum, mirabelle/myrobalan	Globular	Medium 10-15m	8-12m	<8m	Deciduous	Tolerant	No	All		TDAG		TDAG	TDAG		TDAG	Bee friendly. Root suckering possible
31a			*RHS AGM*	Nigra	Globular	Medium 10-15m	8-12m	>8m	Deciduous	Tolerant	No	All		TDAG		TDAG	TDAG		TDAG	
31b			*RHS Recommended*	Gypsy, Pissardii, Trailblazer	Globular	Medium 10-15m	8-12m	<8m	Deciduous	Tolerant	No	All		TDAG		TDAG	TDAG		TDAG	
32	Prunus	sargentii		Sargent's Cherry	Globular	Small <10m	3-8m	<8m	Deciduous	Moderately	No	All		TDAG		TDAG	TDAG			Grown for autumn foliage (red/orange) and rosy-pink flowers. Fruit small. Height in wild to 25m.
32a			*Narrow Crown*	Rancho	Conical	Small <10m	3-8m	<8m	Deciduous	Moderately	No	All		TDAG		TDAG	TDAG			
33	Prunus	spinosa		Blackthorn, Sloe	Bushy	Small <10m	2.5-4m	2.5-4m	Deciduous	Tolerant	Yes	All					TDAG	TDAG		Early flowers, thorny, culinary uses (esp. sloe gin). Slow growth. Full sun.
34	Pyrus	calleryana		Chanticleer, Redspire (12-17m)	Callery Pear	Ovoid	Medium 10-15m	12-17m	<8m	Deciduous	Tolerant	No	All		TDAG		TDAG	TDAG	TDAG	RHS AGM (2002). Fragrant white flower abundant. Small brown fruit (2cm).
35	Quercus	ilex			Holm Oak	Globular	Large 15-25m	17-22m	<22m	Evergreen	Tolerant	No	All		TDAG		TDAG	TDAG	TDAG	Perhaps the most impressive evergreen outside the Conifers.
36	Quercus	petraea		**RHS AGM (2002)**	Sessile Oak/Durmast Oak	Globular	Large 15-25m	18-25m	>8m	Deciduous	Moderately	Yes	All		TDAG			TDAG	TDAG	TDAG	RHS AGM (2002). Pyramidal crown sometimes. Leaf stalk longer than Q. rubor.
37	Rhus	typhina		**RHS AGM (2002)**	Staghorn Sumac	Vase	Small <10m	4-8m	4-8m	Deciduous	Moderately	No	All				TDAG	TDAG	TDAG	**Suckering** - choose sites accordingly. Yellow-green flower cluster. Dense crimson gruiting heads.
38	Robinia	pseudoacacia		var. monophylla (fastigiate); Frisia (drought tolerant)	False Acacia, Black Locust	Columnar	Large 15-25m	12-25m	>8m	Deciduous	Tolerant	No	All		TDAG			TDAG	TDAG	Deeply fissured bark. Spines. Scented drooping clusters of flowers. 5-11 pairs oval leaflets. **Upright habit = "Pyramidalis"**
39	Sorbus	aria		var. Lutescens **(RHS AGM)**	Whitebeam	Ovoid	Medium 10-15m	8-12m	4-8m	Deciduous	Tolerant	Yes	All		TDAG		TDAG	TDAG		RHS AGM (2002) Broadly ovate dark green leaves, white felted underneath. White flowers, red berries.
39a			*RHS AGM*	Llutescens, Majestica		Ovoid	Small <10m	3-12m	4-8m	Deciduous	Tolerant	No	All		TDAG		TDAG	TDAG		Leaves to 10cm, broadly eliptical, silvery in sprng becomiing grey-green.
40	Sorbus	domestica			Service Tree	Globular	Large 15-25m	15-20m	8-20m	Deciduous	Moderately	Yes	All		RHS			RHS	RHS	Fruit edible after bletting ("chequers"), starting while still on the tree.
41	Sorbus	torminalis			Wild Service Tree	Ovoid	Large 15-25m	7-18m	8-15m	Deciduous	Moderately	Yes	All		TDAG			TDAG	TDAG		Fruit edible after bletting ("chequers"), starting while still on the tree.
CONIFERS																			
42	Calocedrus	decurrens			Californian Incense Cedar	Columnar	Large 15-25m	12-17m		Evergreen	Tolerant	No	All				TDAG			RHS AGM. Architectural
43	Cedrus	atlantica			Blue Atlas Cedar	Conical	Massive >25m	17-22m+		Evergreen	Tolerant	No	All		TDAG		TDAG			Needle-like leaves - 3.5cm. Good parkland tree. Up to 36m in favourable conditions.
44	Cedrus	deodara			Himalayan Cedar	Conical	Massive >25m	17-50m+	>8m	Evergreen	Tolerant	No	All		TDAG		TDAG			Cones to 10cm broadly ovoid. Needles to 4cm, whorled. Full sun.
44a			*RHS AGM*	**Aurea,** Robusta, Viridis (Narrower)	Aurea (8-12m) - Golden deodar.	Conical	Medium 10-15m	8-12m	4-8m	Evergreen	Tolerant	No	All		TDAG		TDAG			RHS AGM - cones rarely formed in UK. Bright golden yellow turning green-yellow in summer.
45	Cedrus	libani			Cedar of Lebanon	Conical	Massive >25m	24-36m		Evergreen	Tolerant	No	All		TDAG		TDAG			RHS AGM. Pollution sensitive. Cones to 12cm, ovoid.
46	Chamaecyparis	lawsonia			Lawson Cypress, Ginger pine	Conical	Massive >25m	<70m	4-8m	Evergreen	Moderately	No	All				TDAG			Ambiguous Drought tolerance. N&V - Moderately drought sensitive; TDAG - Mod. Sensitive
46a			*RHS AGM* *More self contained*	Dik's Weeping (<10m narrow), Stardust (2.5-4m), Kilmacurragh (8-12m), Willel's Saguaro (4-8m), Wisselii (>12m x 1-1.5m width), Fletcheri (8-12m), Grayswood Feather (2.5-4m), Lanei Aurea (4-8m), Pembury Blue (>12mx4-8m), Intertexta (>12m), Golden Wonder (<20m), Imbricata Pendula (<8m)		Columnar	Medium 10-15m	See left	See left	Evergreen	Moderately	No	All				TDAG			More self-contained varieties achieving RHS AGM status.
47	Cryptomeria	japonica			Japanese Cedar	Columnar	Massive >25m	<70m		Evergreen	Moderately	No	All				TDAG			N&V - Moderately drought sensitive
48	Cupressus	arizonica			Arizona Cypress	Conical	Large 15-25m	<25m		Evergreen	Tolerant	No	All		TDAG		TDAG		TDAG	Prefers sheltered microclimate in UK.

48a		*RHS AGM*	Pyramidalis (Narrow Habit)		Conical	Large 15-25m	<12m	2.5-4m	Evergreen	Tolerant	No	All		TDAG			TDAG		TDAG	Well drained. Full sun. As a hedge it needs regular pruning.
49	Cupressus	macrocarpa	Gold Crest (RHS AGM)	Monterey Cypress	Conical	Large 15-25m	12-17m	4-8m	Evergreen	Tolerant	No	All		TDAG			TDAG	TDAG		Yellow Variety. Much more contained than parent that is classed as "Massive."
50	Cupressus	sempervirens		Mediterranean Cypress	Columnar	Massive >25m	<45m	2.5-4m	Evergreen	Tolerant	No	All		TDAG			TDAG			Long-lived. Dense sprays. Cones globular with bosses.
50a		*columnar*	Pyramidalis, stricta, Green Pencil		Columnar	Large 15-25m	>12m	1.5-2.5m	Evergreen	Tolerant	No	All		TDAG			TDAG			Rich green foliage in upright sprays. RHS listed - "Green Pencil".
51	Ginko	biloba		Maidenhair Tree/Fossil tree	Conical	Large 15-25m	12-25m	4-8m	Deciduous	Tolerant	No	All		TDAG			TDAG		TDAG	Female has unpleasant smelling fruit. Yellow autumn colour.
51a		*columnar*	Fastigiata (m)		Columnar	Medium 10-15m	12-15m	4-8m	Deciduous	Moderately	No	All		TDAG			TDAG		TDAG	Narrower habit suits tighter spots. Full sun.
52	Juniperus	chinensis		Chinese Juniper	Conical	Large 15-25m	12-18m	4-8m	Evergreen	Tolerant	No	All					TDAG			Full sun/Partial shade. Most varieties are 'shrub-like'/bushy.
52a		*columnar*	Obelisk		Columnar	Small <10m	2.5-4m	0.5-1m	Evergreen	Tolerant	No	All					TDAG			Very narrow.
52b		*RHS AGM*	Aurea (yellow foliage)			Medium 10-15m	8-12m	2.5-4m	Evergreen	Tolerant	No	All					TDAG			Golden yellow foliage. Abundant cones.
53	Juniperus	communis		Common Juniper	Conical	Small <10m	<10m		Evergreen	Tolerant	No	All		TDAG		TDAG	TDAG			
54	Juniperus	scopulorum		Rocky Mountain Juniper	Conical	Small <10m	4-8m	<4m	Evergreen	Tolerant	No	All		TDAG		TDAG	TDAG			
54a		*RHS AGM*	Blue Arrow (upright habit)		Columnar	Small <10m	1.5-2.5m	0.1-0.5m	Evergreen	Tolerant	No	All		TDAG		TDAG	TDAG			Steely-blue foliage
55	Juniperus	virginiana		Eastern Red Cedar	Conical	Small <10m	4-8m		Evergreen	Tolerant	No	All		TDAG		TDAG	TDAG	TDAG		
56	Pinus	halepensis		Aleppo Pine, Jerusalem Pine	Conical	Medium 10-15m	9-15m	>8m	Evergreen	Tolerant	No	All					TDAG	TDAG		Green cones ripen to brown, remain on tree for years. Potentially taller than 25m.
57	Pinus	nigra		Black Pine/Austrian Pine	Conical	Large 15-25m	12-30m	>8m	Evergreen	Tolerant	No	All		TDAG			TDAG	TDAG	TDAG	Leaves to 12cm. Irregular, dense crown with age. Cones ovoid.
57a		*subsp*	Laricio	Corsican Pine	Columnar	Massive >25m	<40m	>8m	Evergreen	Tolerant	No	All		TDAG			TDAG	TDAG	TDAG	Slender dark grey-green needles. Open crown. Cones ovoid.
58	Pinus	pinaster		Maritime Pine/Bournemouth Pine	Conical	Massive >25m	12-40m	>8m	Evergreen	Moderately	No	All					TDAG	TDAG	TDAG	Needles paired, stiff, to 25cm long. 15cm brown woody cones remain for years.
59	Pinus	pinea		Stone Pine	Conical	Large 15-25m	15-20m	>8m	Evergreen	Tolerant	No	All		TDAG			TDAG	TDAG	TDAG	Cones oivoid to 15cm long. Dark Green needles to 15cm.
60	Pinus	radiata		Monterey Pine	Conical	Massive >25m	12-40m	>8m	Evergreen	Moderately	No	All					TDAG	TDAG	TDAG	Dense needles in threes. Conical cones to 15cm length.
60a		*RHS AGM*	Aurea		Conical	Large 15-25m	12-22m	>8m	Evergreen	Moderately	No	All					TDAG	TDAG	TDAG	Golden yellow foliage.
61	Pinus	sylvestris		Scots Pine	Columnar	Large 15-25m	20-25m	>8m	Evergreen	Tolerant	Yes	All		TDAG			TDAG			Distinctive orange-brown bark (upper trunk and branches).
61a		*RHS AGM*	Aurea, Gold Coin		Columnar	Large 15-25m	>12m	4-8m	Evergreen	Tolerant	No	All		TDAG			TDAG			Blue-green needles turn to golden-yellow late autumn and winter.
61b		*columnar*	Fastigiata (4-8m)		Columnar	Small <10m	4-8m	1-1.5m	Evergreen	Tolerant	No	All		TDAG			TDAG			Tight narrow habit, ascending branches, leaves in bundles of two.
62	Taxus	baccata		Common Yew	Irregular	Large 15-25m	12-18m	>8m	Evergreen	Moderately	Yes	All				TDAG	TDAG			
62a		*RHS AGM*	Fastigiata (f); fastigiata aurea	Irish Yew	Columnar	Medium 10-15m	8-12m	2.5-4m	Evergreen	Moderately	No	All				TDAG	TDAG			