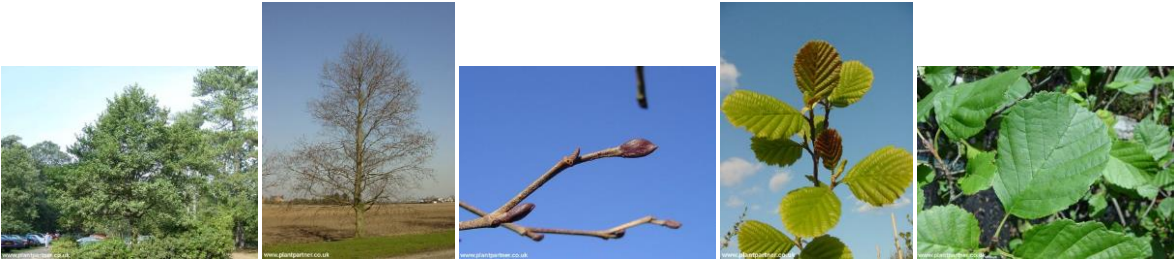


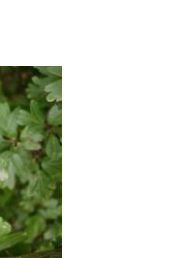
PLANT PALETTE

Palette name: **DTRC Merseyside**

Trees

Botanical Name	Common Name	Description	Images
Acer campestre	Common Maple	The native Common or Field Maple is a variable tree of medium height thriving in sun or shade. The head is rounded, broad and informal. The lobed deciduous leaves open tinged-red turning bright yellow in autumn. Yellow-green flowers in small loose clusters are produced in April followed by winged fruit called 'keys' which mature from green to brown, possibly red-tinged, August-September. Grows to a height of 8-12m with a 10-12m spread. AGM	 
Alnus glutinosa	Common Alder	The Common Alder is a densely branched, medium-sized, occasionally taller tree. Rounded foliage follows the yellow catkins in March. Excellent on moist, even wet sites. Good wind tolerance. Grows to a height of 15-20m with an 8-10m spread.	 

Botanical Name	Common Name	Description	Images
Betula pendula	Common Silver Birch	The Common Silver Birch is a beautiful native tree which casts only light shade and is medium to fast growing. Its crown shape is variable, often rather narrow. Shoot tips are usually pendulous; the foliage is diamond-shaped and fairly small. Rich yellow autumn colour. The trunk has silvery-white peeling bark, turning to black at the base. Grows to a height of 15-18m with an 8-10m spread.	         
Carpinus betulus	Common Hornbeam	The hornbeam is a shade tolerant, relatively slow growing but ultimately tall tree. The trunk has smooth grey bark which often has prominent ribs. The foliage is ovate and toothed with an uneven surface. When used as a hedge, the brown autumn foliage which rustles in the wind, persists all through the winter. Grows to a height of 15-20m with a 12-15m spread. AGM	         

Botanical Name	Common Name	Description	Images
<i>Carpinus betulus</i> 'Frans Fontaine'	Hornbeam 'Frans Fontaine'	This hornbeam has a narrow upright form which is maintained into maturity, unlike the form 'Fastigiata'. A relatively slow growing deciduous with dark green leaves which turn yellow then brown in autumn. Yellow and green catkins are produced in April followed by green lobed fruit maturing to yellow-brown in autumn. Good street tree. Grows to 12-15m high with a 4m spread.	          
<i>Crataegus laevigata</i>	Midland Hawthorn	A small deciduous tree with a rounded crown and grey or brown bark. Only slightly thorny with leaves lobed and glossy green. Clusters of white flowers are produced towards the end of April followed by small, red fruit. Found within hedges and woodland, readily hybridising with <i>Crataegus monogyna</i> . Grows to 6-8 metres high with a 6-8 metre spread.	     

Botanical Name	Common Name	Description	Images
Crataegus monogyna	Common Hawthorn	The Common Hawthorn is widely used for hedging. This variable native has small, lobed foliage and brown or grey bark. Masses of clusters of scented white flowers in May and small red fruits in autumn. The best growth is produced in good soil, but the plant is very tolerant of cold, occasional water-logging and wind. Grows to a height of 8-10m with a 6-8m spread.	        
Fagus sylvatica	Common Beech	The Common Beech is tall-growing & broad-spreading with typically smooth grey bark. This fine native tree needs ample space to develop its full character. Foliage is broadly oval, opening a translucent green, ageing through mid-green and turning to gold and russet shades in autumn. The smooth, grey bark is attractive, but can crack if unshaded. When used as a hedge, the brown autumn foliage persists through to spring. Grows to a height of 20-25m with a 12-15m spread. AGM	         

Botanical Name	Common Name	Description	Images
Fraxinus excelsior	Common Ash	The Common Ash is a large, fast-growing native tree of variable form, usually with an open, rather wide head. The named cultivars give more consistent shapes. Rounded black nodules produce clusters of short-lived flowers in early April followed by the relatively late emergence of pinnate green foliage from black winter buds. Produces abundant bunches of seeds called 'keys', which start green then change to yellow in early September, ripening to brown in autumn. The autumn foliage is yellow, but is nothing spectacular. Ash thrives in a wide range of situations, is very wind tolerant, but resents water-logging. Grows to 25-30m high with a 20m spread.	        
Quercus robur	Common Oak	The Common or English Oak is a large, relatively vigorous variable woodland tree, but normally with a broad spreading, heavily branched crown. At its best on deep, fertile soil where it can achieve mighty proportions, hence a tree of the lowlands. It has unstalked or very short stalked lobed leaves and stalked clusters of acorns. Known for sustaining a wide variety of wildlife. Grows to a height of 20-25m although can achieve 30-42m. Spread is 20-25m.	         

Botanical Name	Common Name	Description	Images
<i>Salix caprea</i>	Goat Willow	The Goat Willow is a small tree or large shrub, though more often the latter. Male yellow catkins and green female catkins (on separate plants) appear in March before the leaves. Fruit in the form of white downy seeds are released in May. Young shoots are a shiny red-brown. Grows to a height of 8m occasionally reaching to 12m, with a spread of 8m.	         
<i>Sorbus aucuparia</i>	Rowan	The Mountain Ash or Rowan is a small to medium sized native tree. The vigour and crown shape are variable. Where even shape and size is required, take a choice from the numerous clones. The species makes a good choice for naturalizing in mixed plantings with other native trees. The pinnate foliage usually colours well in autumn to shades of orange, red, russet or yellow. Clusters of creamy-white flowers in May and June. The bright orange-red fruits are a feature from late summer until devoured by birds. Tolerant of a wide range of soils and urban conditions. Grows to a height of 10m with a 7m spread.	        

Shrubs

Botanical Name	Common Name	Description	Images
Cistus x corbariensis	Hybrid Rock Rose	White flowers with yellow eyes. Hardier than most.	     
Cornus sanguinea	Common Dogwood	Common Dogwood. This native has green stems, flushed red. Green leaves turn an eye-catching reddish-purple in autumn. Black fruits.	       

Botanical Name	Common Name	Description	Images
<i>Corylus avellana</i>	Common Hazel	The Common Hazel is a native large multi-stemmed shrub or small to medium-sized tree. The long, pale yellow catkins make a fine display in early spring. The relatively large, rounded, green serrated foliage often turns to yellow shades in autumn, when the clusters of edible nuts are ripe. Thrives in a wide range of soils and in sun/light shade.	         
<i>Daphne laureola</i>	Spurge Laurel	An evergreen shrub with a rounded form. Leaves, dark glossy green and lance-shaped are clustered towards the top of light brown upright stems. Tightly arranged clusters of faintly fragrant yellowy-green bell-shaped flowers from the latter half of January through into March followed by green oval-shaped fruit ripening to black in summer. Grows to a height of 1.2m with a spread of 1.5m.	       

Botanical Name	Common Name	Description	Images
Euonymus fortunei 'Emerald Gaiety'	Spindle 'Emerald Gaiety'	Dense, bushy, low growing evergreen, the foliage boldly margined with white. Can take on a pink tint in winter. Typically small, but given time in favourable conditions this plant can grow beyond its usual height limit of 50cm to upwards of 1m. AGM	     
Euonymus fortunei 'Emerald 'n' Gold'	Spindle 'Emerald 'n' Gold'	Compact bushy evergreen with striking rich yellow leaf margins. Can take on a pink tint in winter. Typically small, but given time in favourable conditions this plant can grow beyond its usual height limit of 50cm to upwards of 1m. AGM	       

Botanical Name	Common Name	Description	Images
Forsythia x intermedia	Golden Bell Bush	This Golden Bell Bush is a bushy, rounded, deciduous shrub of upright branching with ovate, toothed, green leaves turning yellow in autumn. Numerous yellow star-shaped flowers are produced before the leaves in March and are held a little while after they emerge in April. Grows to a height of 2.5m with a 2.5m spread. AGM	 
Fuchsia 'Riccartonii'	Fuchsia 'Riccartonii'	Scarlet and purple slender flowers on a bushy shrub up to 2m high if not cut back by frost. Fruit and flowers are edible. AGM	      
Fuchsia 'Tom Thumb'	Fuchsia 'Tom Thumb'	This dwarf, bushy shrub with green leaves on reddish-purple shoots maturing to brown produces an abundance of scarlet-crimson and purple flowers. Fruit and flowers are edible. Grows to 30cm high and wide. AGM	    

Botanical Name	Common Name	Description	Images
Hebe 'Purple Queen'		A bushy evergreen shrub, up to 1.5m high, with an upright to rounded habit and glossy, dark green leaves. New growth is often tinted purple, especially in cold weather. Short spikes of large purple flowers are produced in late summer	
Hypericum calycinum	Rose of Sharon	The Rose of Sharon is a dwarf semi-evergreen with large yellow flowers in summer. Spreads by use of runners and does well in the shade. Much less popular than in the past because of rust disease.	      

Botanical Name	Common Name	Description	Images
<i>Ilex aquifolium</i>	Common Holly	The native evergreen Common Holly is a large shrub, which can become a medium-sized tree in time. The glossy green foliage is variably spiny. Persistent red berries are produced on female plants ripening from green. Does well in most soils, in sun or light shade and near the sea. Good evergreen hedging plant. AGM	       
<i>Lavandula angustifolia</i> 'Hidcote'	Lavender 'Hidcote'	Dwarf growing compact form up to 60cm. Silvery grey-green leaves with flower spikes of deep violet-blue from June. AGM	       

Botanical Name	Common Name	Description	Images
Ligustrum vulgare	Common Privet	Native common Privet is semi-evergreen with scented white flowers in summer followed by black berries. Thrives virtually everywhere, including on chalk soils.	        
Lonicera pileata	Privet Honeysuckle	An evergreen with spreading growth. Mid to dark green shiny foliage is small, but larger than <i>L. nitida</i> types. Good in sun or shade and in most soils. Small cream-white flowers towards the end of April into May followed by violet berries. Can reach 1m high with a 2-2.5m spread.	      

Botanical Name	Common Name	Description	Images
Philadelphus coronarius 'Aureus'	Golden-leafed Mock Orange	Small to medium deciduous shrub. Striking yellow foliage in sun, which turns yellow-green in summer. Fragrant white flowers in early summer. AGM	    
Prunus spinosa	Blackthorn	The native Sloe or Blackthorn is a dense twiggy large bush often found and used in hedges. An abundance of white flowers in March-April on dark stems, followed by small pea-sized blue-black fruits. Autumn leaf colour is a dull yellow. Grows to 4-5 metres high with the same for the spread.	        

Botanical Name	Common Name	Description	Images
Rosmarinus officinalis	Rosemary	This is a fairly vigorous, evergreen, bushy shrub with fine, linear green leaves, white underneath which are strongly aromatic, which can take on a greyish-green appearance particularly in winter. Light purple-blue flowers are produced from April to June and earlier followed by rather inconspicuous though reddish-tinged seed pods. Typically seen in herb gardens for use in culinary dishes. Grows to 1.5m high with a 1.5m spread.	    
Sambucus nigra	Common Elder	The Common Elder is a vigorous large deciduous shrub or small tree. Cream-white flower heads in June. Purple-black fruit clusters in autumn. Grows to a height of 5-6 metres with about the same spread, although can apparently reach a height of up to 10 metres.	       

Botanical Name	Common Name	Description	Images
Skimmia japonica 'Rubella'	Japanese Skimmia 'Rubella'	This male form, compact with relatively narrow foliage with red petioles and red/pink flower plumes which make a show all winter, opening white in March. Eventually reaches a height of 1.5 metres, although can reach 1.7 metres in ideal conditions. AGM	       
Symphoricarpos x chenaultii 'Hancock'	Snowberry 'Hancock'	Very dense, spreading ground covering deciduous shrub for sun or shade. Pink or purple fruit.	      

Botanical Name	Common Name	Description	Images
<i>Viburnum davidii</i>	David Viburnum	Relatively low growing evergreen with deeply veined dark green foliage. White flowers in May/June. In mass plantings, turquoise-blue berries are produced. AGM	        
<i>Viburnum opulus</i>	Guelder Rose	The Guelder Rose is a native large, vigorous, deciduous shrub with a rounded form. Green typically 3-lobed leaves turn red in autumn. White flat flower heads consisting of central white fertile flowers surrounded by infertile white florets are produced in May to June followed by clusters of bright red fruit. Does well in moist ground. Grows to a height of 4-5 metres with a 3-4 metre spread.	        

Botanical Name	Common Name	Description	Images
Viburnum tinus 'Eve Price'	Laurustinus 'Eve Price'	A more compact, dense growing form with more pink in the buds and flowers. Blue-black berries by autumn. AGM	    

Climbers

Botanical Name	Common Name	Description	Images
Hedera hibernica	Irish Ivy	Dark green foliage similar to, but larger than <i>Hedera helix</i> . Following a number of years of establishment, the onset of the adult stage results in broadly ovate leaves typically followed by flowering in the autumn. Widely used for groundcover. Young shoots are often tinged red as are the leaf stalks	   

Herbaceous

Botanical Name	Common Name	Description	Images
Artemisia 'Powis Castle'	Mugwort 'Powis Castle'	Low growing shrub with finely divided silver-grey foliage. Best in sun AGM	  
Geranium Rozanne	Cranesbill Rozanne	AGM	   
Lobelia cardinalis	Cardinal Flower	Lobelia cardinalis (cardinal flower) is a brilliantly colourful and showy damp-loving perennial that blooms throughout summer and into autumn, bearing many brilliant scarlet-red flowers up to 5cm long.	

Botanical Name	Common Name	Description	Images
Melissa officinalis 'Aurea'	Golden Lemon Balm	This culinary herb is a deciduous perennial with green and golden-yellow, oval-pointed toothed leaves which smell of lemons, especially so when crushed. Pale yellow flowers later turning white are produced in July and August and are attractive to bees. Grows to 40 centimetres high with a 40-60 centimetre spread.	     
Mentha pulegium	Pennyroyal	This herb known for its culinary and medicinal properties is a creeping, rhizomatous, herbaceous perennial with light green, rounded, peppermint-scented leaves, which are relatively small. Upright growth on square stems is produced bearing pinkish-violet flowers in July-August and possibly into September. Grows to 5-10cm high with spikes 30-40cm with a spread of 40cm or more.	   

Botanical Name	Common Name	Description	Images
Mentha suaveolens 'Variegata'	Pineapple Mint		
Rudbeckia fulgida sullivantii 'Goldsturm'	Black-eyed Susan 'Goldsturm'	A clump-forming, spreading perennial with oval-shaped, pointed green leaves, prominently veined. Large, vibrant, golden-yellow flowers with dark centres from mid-August through September and possibly into early October. This form grows to 60cm high. 	
Thymus serpyllum 'Pink Ripple'	Creeping Thyme 'Pink Ripple'	No description created	

Grasses

Botanical Name	Common Name	Description	Images
Carex oshimensis 'Evergold'	Japanese Sedge 'Evergold'	An evergreen forming dense clumps of grass-like yellow foliage striped green-yellow. Brown flower spikes covered white in March. AGM	     
Carex pendula	Pendulous Sedge	A native sedge, strong growing and rhizomatous perennial, forms dense evergreen clumps of shiny green leaves to 100cm high. Brown catkin-like flowers on tall stems up to a height of 1.6-2.0 metres are produced in May-June followed by gracefully drooping heads of green seed spikes, ageing to brown. A tough plant for a wide range of conditions, that is, sun to shade, dry to wet.	       

Botanical Name	Common Name	Description	Images
Dactylis glomerata	Cock's-foot	A strong growing, clump-forming evergreen perennial grass forming tufts of linear blue-green leaves. Purplish-green branched spikelets on tall stems in May-August. Very common in grassland, woodland edges and on roadsides. With the flowers grows to a height of 100cm.	   
Deschampsia cespitosa	Tufted Hair Grass	The Tufted Hair Grass is a native grass which forms dense evergreen tussocks of green foliage. Arching flower spikelets silvery-purple reaching 90-100cm appear in June-July to produce a billowing mass which typically obscures the leaves beneath. Spikelets and stems both turn straw-coloured in August and are held into winter.	    

Botanical Name	Common Name	Description	Images
Miscanthus sinensis 'Kleine Fontäne'	Eulalia 'Kleine Fontäne'	Forms dense deciduous clumps of long narrow arching green leaves which have fine silvery-white centred midribs, although overall appearance is of being green. Dark purple-pink flower plumes on reddish stems appear in August ageing to silvery-white. Leaves turn bronze in autumn, then light brown for the winter. Grows to 120cm high, reaching 150cm with the flowers. AGM	

Marginals-Aquatics

Botanical Name	Common Name	Description	Images
Typha minima	Dwarf Bulrush		   

Fruit Trees

Botanical Name	Common Name	Description	Images
	Apple 'Betty Geeson'	A very late medium sized culinary apple. Flat round in shape with some ribbing around the base. The light green / yellow skin is usually red flushed. When cooked the flesh has a rich yet sweet taste.	
	Apple 'Gladstone'	Gladstone is a very early dessert apple best eaten off the tree from late July. Very good flavour, sweet and juicy. Surface almost all covered deep or brick red developing a greasy feel. Medium sized apples round conical with some broad ribbing that converges into a 'crown' at the apex. To enjoy its flavour the best pick while still on the tree and the apples are not too deep red. Apples that have fallen can be soft and unappealing.	 
	Apple 'May Queen'	An excellent late apple producing bright red medium sized flattish apples that have yellow flesh and are crisp, juicy and are of very good flavour. A good keeper lasting well into the New year.as the name suggests and is very productive from an early age. Pollination group – C Picking time – mid October Storage until – April	

Botanical Name	Common Name	Description	Images
	Pear 'Beurre Surefin'	Medium sized, round conical fruit. Rough, yellow skin with patches of light brown russet. Pale yellow, fine melting flesh. Sweet, scented flavour. Excellent dessert variety but also good for cooking.	