

Planting for coastal areas over Chalk

As **coastal areas** receive fewer and **less intense frosts** than inland areas, one is able to grow many slightly **tender shrubs and plants**, however they often need to have **tough grey or green waxy leaves**, or narrow or **hairy leaves** to ensure they are not **burned** up by the **salty winds** especially during frosty spells when soil moisture is locked up. **Chalky soils** are very **free draining** and often occur on the drier **south and east of Britain** further increasing the requirement for plants to be **drought tolerant** to **survive**. Fortunately plants suited to drier **“mediterranean” climates** are often more tolerant of **calcareous soils** (which is saturated with calcium and other minerals) than those from wetter climates, where soil minerals do not accumulate in the top soil but are washed downwards.

Seafront garden plants should be planted in cushions so each plant gives protection to those behind it. Single plants sticking up above the others are liable to have their leaves burnt off. The tender new foliage of deciduous trees and shrubs are especially vulnerable.

Climbers for planting in exposed chalky soils

CLEMATIS tangutica, chirrosa vars., viticella vars, montana vars.,	COTONEASTER horizontalis
HUMULUS lupulus “aureus”	LONICERA japonica “repens”, x Americana, periclymenum “late dutch” “belgica”, henryii, etrusca superba
HEDERA canariensis “gloire de marengo”, Helix “glacier, “sagittifolia”, “green ripples” etc	PARTHENOCISSUS quinquefolia Henryana, tricuspidata, veitchii
JASMINUM officinale “variagata” nudiflorum (north wall)	PASSIFLORA caerulea,
CHAEMOMELES (shady wall) “pink lady” “nivalis” “crimson and gold”	WISTERIA vars. Climbing roses, most

Other planting in exposed sites on chalky soils

A

ACACIA Retinoides, meansii, cultriformis
ACANTHUS mollis, spinosus
ACER pseudoplatanus vars
AESCULUS hippocastanatum.
AGAPANTHUS sp./cvs.
AMPELODOPSIS mauritanica (a tall med. grass)
ANTHEMIS cupaniana,
ARTEMISA absinthum, arb. “Powis Castle”
ASTER sedifolia, novae angliae

CARYOPTERIS vars.
CASSINIA fulvida, wards silver etc
CEANOOTHUS arboreus, ‘blue cushion’, ‘blue mound’ ‘concha’ “impressus” (small leaves) etc.
CHAMAEROPS humilis

B

BULBS, tulipa, scilla, narcissi, anemone blanda, Leucojum aestivum, galanthus, allium, muscari, iphion uniflorum, iris reticulata and dutch, crocus, ornithogalum umbellatum & nutans, lilium candidum,
BALLOTA pseudodictamnus
BERBERIS ottawensis “Superba”, Candidula, stenophylla
BRACHYGLOTTIS greyii
BUPLEURUM fruticosum
BUDDLEIA davidii in variety, globosa, salvifolia, heliophyllum etc
BUXUS sempervirens vars.

CENTAUREA macrocephala, scabiosa
CENTRANTHUS rubra, r. 'alba'
CERCIS siliquastrum
CISTUS cyprius, blanche , crispus, purpureus
etc.
CINERARIA maritima
CHRYSANTHEMUM (leucanthemum)border
vars

C

CLEMATIS orientalis, Montana, flammula,
viticella, armandii, tangutica.
COLUTEA arborescens
CONVOLVULUS cneorum, mauritanica
CORYDALIS Lutea
CORYLUS max.purpurea, "Kent cob"
CORDYLINE australis + cvs.
CONVALARIA (Lily of the Valley)
CORONILLA glauca "citrina", gold, variegated
CORTADERIA sell.,cvs., richardii
COTONEASTER all vars.
CUPRESSUS arizonica "glauca", macrocarpa,
sempervirens 'totem pole'
CRATAEGNUS mono."Paul's Scarlet",
"Rosea flore plena", "crimson cloud",
prunifolia
CYNARA scolymus – Globe artichoke,
Cardoon
CHOISYA ternate cvs.
CYTISUS "Porlock", praecox, battanderi

E

ECHINOPS ritro, humilis
ELAEGNUS ebbengei
ELYMUS magellenica, Leymus Aranatherum
ERICA erigena, terminalis stricta, darleyensis
ERYNGIUM(sea holly)
ESCALLONIA "Iveyi" "Crimson spire",
"Apple blossom"
EUCALPTUS parvifolia ,dalrympliana, nitens
EUONYMUS all
EUPHORBIA wulphenii, characias,
ceratocarpa, nicense,ridgens arborescens etc.
EURYOPS pectinatus
ERODIUMS and GERANIUMS all

G

GAZANIA vars
GARRYA elliptica
GENISTA hispanica, aetensis
GRISELINA littoralis + cvs

D

DIANTHUS
DORYCNIUM hirsutum

F

FATSIA japonica
FORSYTHIA
FRAXINUS ornus "Raywood" excelsior
FORSYTHIA
FREMONTODENDRON californicum
FRUIT all APRICOT, FIG, NECTARINE, PEACH,
PEARS, APPLES, PLUMS, CHERRIES,ETC

H

HEBE large x, Salicifolia, "Midsummer beauty",
Fragrant Jewel Great orme ,etc.
Medium:- francescana, wiri vision, wiri image,
oratia beauty etc.
HELIANTHEMUM (rock rose)
HELICHRYSUM angustifolium
HEMERACALLIS
HIPPOPHAE rhamnoides

I & J

ILEX x altaclerensis
IRIS germanica, florentina
JUGLANS regia (walnut)

M & N & O

MAGNOLIA grandiflora, x loebneri "Leonard
Messel"& 'Merrill', Stellata
MORUS nigra.
NEPETA vars.
MYRTUS communis
OLEARIA virgata lineata, macrodonta
,solandri etc,
OZOMANTHUS

Q & R & S

QUERCUS ilex, cerris, suber
RHUS typina, typ lacinata
ROSA rugosa and most roses
ROSEMARY ssp.
SALIX rosmarifolius,
SAMBUCUS nigra "black beauty"
SALVIAS all
SANTOLINA cham + vars
SEDUM praealtum, confusum
SILENE maritima "rosea"
SOLANIUM crispum "glasnevin"
SORBUS aria "lutescens"
SPARTIUM junceum
SPIREA japonica, nipponica van houtii
STACHYS byzanticum

X & Y & Z

YUCCA gloriosa , gl. Variagata

HYDRANGEA macrophylla (pinks)

K & L

KNIPHOFIA
LABURNUM + cvs
LAMPRANTHUS +cvs
LAURUS nobilis, nob.aurea
LAVANDULA all vars
LIBERTIA grandiflora
LAVATERA ssp
LUPINUS arboreus
LONICERA pileata, purpursii
LYCIUM barbatum

P

PAEONIA delavayi, lutea, mollis, officinalis etc.
PHLOMIS fruticosa
PHORMIUM tenax vars
PINUS sylvestris, thunbergii, nigra maritima, pinea,
PHYLLOSTACHYS bissetti, viridi glaucescens,
'catillonis'
PITTOSPORUM tobira
POPULUS alba "nivea"
PRUNUS (ornamental cherries)
PYRACANTHA vars
T & U & V & W
TAXUS baccata
THUJA occidentalis, plicata
TAMARIX tetandra, ramosissima, hampneana,
TEUCRIUM fructians, chamaedrys
ULEX europeus
VERBASCUM olympicum, nigra
VIBURNUM tinus
VITIS vinifera , Seyval Blanc, Cascade, cognitiae.
WEIGELA florida "variagata"