

APPENDICES

Appendix B - Suitable Plant Species

Table B.1 : Aquatic Plant Species Suitable for the Drainage/Attenuation and Wildlife Ponds

Scientific Name	Common Name
<i>Apium nodiflorum</i>	Fool's Watercress
<i>Butomus umbellatus</i>	Flowering Rush
<i>Callitriche stagnalis</i>	Water Starwort
<i>Caltha palustris</i>	Marsh Marigold
<i>Carex elacta</i>	Tufted Sedge
<i>Carex flacca</i>	Glaucous Sedge
<i>Ceratophyllum demersum</i>	Rigid Hornwort
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Galium palustre</i>	Common Marsh-bedstraw
<i>Glyceria maxima</i>	Reed Sweet-grass
<i>Iris pseudacorus</i>	Flag Iris
<i>Lychnis flos-cuculi</i>	Ragged Robin
<i>Lythrum salicaria</i>	Purple Loosestrife
<i>Mentha aquatica</i>	Water Mint
<i>Phragmites australis</i>	Common Reed
<i>Potamogeton natans</i>	Broadleaved Pondweed
<i>Ranunculus fluitans</i>	River Water Crowfoot
<i>Sagittaria sagittifolia</i>	Arrow-head
<i>Schoenoplectus lacustris ssp. lacustris</i>	Bulrush
<i>Scrophularia auriculata</i>	Water Figwort
<i>Sparganium erectum</i>	Branched Bur-reed
<i>Veronica beccabunga</i>	Brooklime

Note: To provide a mosaic of habitats the bank vegetation should include the wet/marsh species mix at the base of the banks and the dry species rich grassland at the top of the banks.

Table B.2 : Aquatic Plant Species Suitable for the Swales and Extended River Margins

Scientific Name	Common Name
<i>Apium nodiflorum</i>	Fool's Watercress
<i>Butomus umbellatus</i>	Flowering Rush
<i>Carex elacta</i>	Tufted Sedge
<i>Carex flacca</i>	Glaucous Sedge
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Galium palustre</i>	Common Marsh-bedstraw
<i>Glyceria maxima</i>	Reed Sweet-grass
<i>Lychnis flos-cuculi</i>	Ragged Robin
<i>Lythrum salicaria</i>	Purple Loosestrife
<i>Mentha aquatica</i>	Water Mint
<i>Phragmites australis</i>	Common Reed
<i>Ranunculus fluitans</i>	River Water Crowfoot
<i>Sagittaria sagittifolia</i>	Arrow-head
<i>Schoenoplectus lacustris ssp. lacustris</i>	Bulrush
<i>Scrophularia auriculata</i>	Water Figwort
<i>Sparganium erectum</i>	Branched Bur-reed
<i>Veronica beccabunga</i>	Brooklime

Note: To provide a mosaic of habitats the bank vegetation should include the wet/marsh species mix at the base of the banks and the dry species rich grassland at the top of the banks

Table B.3 : Species Suitable for the Hedgerows with Trees (Including Screening of River Avon and Off Site Planting)

Scientific Name	Common Name
Hedgerow and tree species	
<i>Acer campestre</i>	Field Maple
<i>Alnus glutinosa</i>	Alder
<i>Carpinus betulus</i>	Hornbeam
<i>Corylus avellana</i>	Hazel
<i>Crataegus laevigata</i>	Midland Hawthorn
<i>Crataegus monogyna</i>	Hawthorn
<i>Fraxinus excelsior</i>	Ash
<i>Malus sylvestris</i>	Crab Apple
<i>Prunus padus</i>	Bird-cherry
<i>Prunus spinosa</i>	Blackthorn
<i>Quercus robur</i>	Pedunculate Oak
<i>Rosa arvensis</i>	Field Rose
<i>Rosa canina</i> agg.	Dog Rose
<i>Sambucus nigra</i>	Elder
<i>Sorbus aria</i> agg	Whitebeam
<i>Sorbus aucuparia</i>	Rowan
<i>Ulex europaeus</i>	Gorse
<i>Ulmus glabra</i>	Wych Elm
Ground flora	
<i>Achillea millefolium</i>	Yarrow
<i>Agrimonia eupatoria</i>	Agrimony
<i>Agrostis capillaris</i>	Common Bent
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Allium ursinum</i>	Ramsons
<i>Anemone nemorosa</i>	Wood Anemone
<i>Arum maculatum</i>	Lords-and-ladies
<i>Brachypodium sylvaticum</i>	False Brome
<i>Centaurea nigra</i>	Common Knapweed
<i>Clinopodium vulgare</i>	Wild Basil
<i>Cynosurus cristatus</i>	Crested Dogstail
<i>Deschampsia cespitosa</i>	Tufted Hair-grass
<i>Festuca rubra</i> ssp. <i>juncea</i>	Slender-creeping Red-fescue
<i>Galium mollugo</i>	Hedge Bedstraw
<i>Geranium robertianum</i>	Herb Robert
<i>Geum urbanum</i>	Wood Avens
<i>Hyacinthoides non-scripta</i>	Bluebell
<i>Lamium galeobdolon</i>	Yellow Archangel
<i>Leucanthemum vulgare</i>	Oxeye Daisy
<i>Mercurialis perennis</i>	Dog's Mercury
<i>Poa nemoralis</i>	Wood Meadow-grass
<i>Primula veris</i>	Cowslip
<i>Prunella vulgaris</i>	Selfheal
<i>Silene dioica</i>	Red Campion
<i>Silene latifolia</i>	White Campion
<i>Stachys sylvatica</i>	Hedge Woundwort
<i>Torilis japonica</i>	Upright Hedge-parsley

Scientific Name	Common Name
Hedgerow and tree species	
<i>Vicia cracca</i>	Tufted Vetch
<i>Viola canina</i>	Common Dog-violet

Table B.4 : Species Suitable for the Woodland, High Forest, Trees and Shrubs

Scientific Name	Common Name
Shrub and tree species	
<i>Acer campestre</i>	Field Maple
<i>Alnus glutinosa</i>	Alder
<i>Betula pendula</i>	Silver Birch
<i>Carpinus betulus</i>	Hornbeam
<i>Corylus avellana</i>	Hazel
<i>Fraxinus excelsior</i>	Ash
<i>Ilex aquifolium</i>	Holly
<i>Malus domestica</i>	Apple
<i>Malus sylvestris</i>	Crab Apple
<i>Pinus sylvestris</i>	Scot's Pine
<i>Populus nigra</i> ssp <i>betulifolia</i>	Black Poplar
<i>Prunus padus</i>	Bird-cherry
<i>Prunus spinosa</i>	Blackthorn
<i>Quercus robur</i>	Pedunculate Oak
<i>Rosa arvensis</i>	Field Rose
<i>Rosa canina</i> agg.	Dog Rose
<i>Salix caprea</i>	Goat Willow
<i>Salix cinerea</i>	Grey Willow
<i>Salix fragilis</i>	Crack Willow
<i>Sambucus nigra</i>	Elder
<i>Sorbus aria</i> agg	Whitebeam
<i>Sorbus aucuparia</i>	Rowan
<i>Ulex europaeus</i>	Gorse
<i>Ulmus glabra</i>	Wych elm
Ground flora	
<i>Agrimonia eupatoria</i>	Agrimony
<i>Agrostis capillaris</i>	Common Bent
<i>Alliaria petiolata</i>	Garlic Mustard
<i>Allium ursinum</i>	Ramsons
<i>Anemone nemorosa</i>	Wood Anemone
<i>Arum maculatum</i>	Lords-and-ladies
<i>Brachypodium sylvaticum</i>	False Brome
<i>Campanula trachelium</i>	Nettle-leaved Bellflower
<i>Clinopodium vulgare</i>	Wild Basil
<i>Cynosurus cristatus</i>	Crested Dogstail
<i>Deschampsia cespitosa</i>	Tufted Hair-grass
<i>Digitalis purpurea</i>	Foxglove
<i>Festuca rubra</i> ssp. <i>juncea</i>	Slender-creeping Red-fescue
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Galium mollugo</i>	Hedge Bedstraw
<i>Geranium robertianum</i>	Herb Robert
<i>Geum urbanum</i>	Wood Avens
<i>Hyacinthoides non-scripta</i>	Bluebell

Scientific Name	Common Name
Shrub and tree species	
<i>Hypericum perforatum</i>	Perforate St John's Wort
<i>Lamiaeum galeobdolon</i>	Yellow Archangel
<i>Leucanthemum vulgare</i>	Oxeye Daisy
<i>Lychnis flos-cuculi</i>	Ragged Robin
<i>Mercurialis perennis</i>	Dog's Mercury
<i>Poa nemoralis</i>	Wood Meadow-grass
<i>Primula veris</i>	Cowslip
<i>Primula vulgaris</i>	Primrose
<i>Prunella vulgaris</i>	Selfheal
<i>Silene dioica</i>	Red Campion
<i>Silene latifolia</i>	White Campion
<i>Stachys officinalis</i>	Betony
<i>Stachys sylvatica</i>	Hedge Woundwort
<i>Teucrium scorodonia</i>	Wood Sage
<i>Torilis japonica</i>	Upright Hedge-parsley
<i>Vicia cracca</i>	Tufted Vetch
<i>Viola canina</i>	Common Dog-violet

Table B.5 : Species Suitable for the Species-Rich Grassland with Calcareous Tendencies

Scientific Name	Common Name
<i>Achillea millefolium</i>	Yarrow
<i>Anthyllis vulneraria</i>	Kidney Vetch
<i>Briza media</i>	Quaking Grass
<i>Centaurea nigra</i>	Common Knapweed
<i>Centaurea scabiosa</i>	Greater Knapweed
<i>Clinopodium vulgare</i>	Wild Basil
<i>Cynosurus cristatus</i>	Crested Dogstail
<i>Daucus carota</i>	Wild Carrot
<i>Festuca ovina</i>	Sheep's Fescue
<i>Festuca rubra ssp. juncea</i>	Slender-creeping Red-fescue
<i>Galium verum</i>	Lady's Bedstraw
<i>Geranium pratense</i>	Meadow Cranesbill
<i>Knautia arvensis</i>	Field Scabious
<i>Leontodon hispidus</i>	Rough Hawkbit
<i>Leucanthemum vulgare</i>	Oxeye Daisy
<i>Lotus corniculatus</i>	Birdsfoot Trefoil
<i>Malva moschata</i>	Musk Mallow
<i>Origanum vulgare</i>	Wild Marjoram
<i>Phleum bertolonii</i>	Smaller Cat's-tail
<i>Pimpinella saxifraga</i>	Burnet-saxifrage
<i>Plantago media</i>	Hoary Plantain
<i>Primula veris</i>	Cowslip
<i>Prunella vulgaris</i>	Selfheal
<i>Ranunculus acris</i>	Meadow Buttercup
<i>Rhinanthus minor</i> □	Yellow Rattle
<i>Rumex acetosa</i> □	Common Sorrel
<i>Sanguisorba minor ssp. minor</i>	Salad Burnet
<i>Scabiosa columbaria</i>	Small Scabious
<i>Silene vulgaris</i> □	Bladder Campion

Table B.6 : Species Suitable for the Marsh and Wet Grassland

Scientific Name	Common Name
<i>Achillea millefolium</i>	Yarrow
<i>Achillea ptarmica</i>	Sneezewort
<i>Agrostis capillaris</i>	Common Bent
<i>Alopecurus pratensis</i>	Meadow Foxtail
<i>Angelica sylvestris</i>	Wild Angelica
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass
<i>Briza media</i>	Quaking Grass
<i>Centaurea nigra</i>	Common Knapweed
<i>Cynosurus cristatus</i>	Crested Dogstail
<i>Deschampsia cespitosa</i>	Tufted Hair-grass
<i>Eupatorium cannabinum</i>	Hemp Agrimony
<i>Festuca rubra</i> ssp. <i>juncea</i>	Slender-creeping Red-fescue
<i>Filipendula ulmaria</i>	Meadowsweet
<i>Galium verum</i>	Lady's Bedstraw
<i>Iris pseudacorus</i>	Yellow Iris
<i>Leucanthemum vulgare</i>	Oxeye Daisy
<i>Lotus corniculatus</i>	Birdsfoot Trefoil
<i>Lotus pedunculatus</i>	Greater Birdsfoot Trefoil
<i>Lychnis flos-cuculi</i>	Ragged Robin
<i>Lycopus europaeus</i>	Gypsywort
<i>Lythrum salicaria</i>	Purple Loosestrife
<i>Plantago lanceolata</i>	Ribwort Plantain
<i>Primula veris</i>	Cowslip
<i>Prunella vulgaris</i>	Selfheal
<i>Ranunculus acris</i>	Meadow Buttercup
<i>Rhinanthus minor</i>	Yellow Rattle
<i>Rumex acetosa</i>	Common Sorrel
<i>Sanguisorba officinalis</i>	Great Burnet
<i>Scrophularia auriculata</i>	Water Figwort
<i>Stachys officinalis</i>	Betony
<i>Succisa pratensis</i>	Devil's-bit Scabious
<i>Thalictrum flavum</i>	Common Meadow-rue
<i>Trifolium pratense</i>	Wild Red Clover
<i>Vicia cracca</i>	Tufted Vetch