



Tree and Woodland Strategy

APPENDIX F: Woodland planting mixes

Woodland planting mixes

The following tables detail the tree and shrub species suitable for creating new native woodlands in East Lothian. This is based on [National Vegetation Classification](#) (NVC) woodland types that are found in East Lothian and those identified in the [Native Woodland Model](#) that would be capable of growing in East Lothian. The species are identified as major and minor components.

Species in the lists should make up at least 50% of the canopy of the woodland type to be classed as native woodland. Trees identified in **bold** are not native to East Lothian, although UK native. Including these species may increase resilience to climate change and may help with climate migration. To further help with this the remainder of the canopy could include other UK and European natives.

| Native Trees | | Woodland types present in East Lothian with major (✓) or minor (x) species suitability | | | | | | Woodland types with potential to grow in East Lothian with major (✓) or minor (x) species suitability | | |
|--------------------|------------------------|--|---------------------------------------|--------------------------------------|------------------------|-----------------------|---------------------|---|---------------------------------|---------------------------|
| Common Name | Species Name | Lowland Mixed Deciduous Woodland (W8, W10) | Wet Woodland (W1, W2, W3, W5, W6, W7) | Upland Mixed Deciduous Woodland (W9) | Upland Birch Wood (W4) | Upland Oak Wood (W11) | Juniper scrub (W19) | Lowland Oak-Birch Woodland (W16) | Upland Oak-Birch woodland (W17) | Scots Pine Woodland (W18) |
| Alder | Alnus | x | ✓ | x | x | | | | | |
| Ash* | Fraxinus* | ✓ | x | ✓ | x | | | | | |
| Aspen | Populus tremula | x | | x | | x | | x | | |
| Beech | Fagus sylvatica | x | | | | | | | | |
| Birch, Downy | Betula pubescens | x | ✓ | ✓ | ✓ | ✓ | x | ✓ | ✓ | x |
| Birch, Silver | Betula pendula | ✓ | | | x | x | | ✓ | x | x |
| Crab Apple | Malus sylvestris | x | | | | | | | | |
| Elm, Wych | Ulmus glabra | ✓ | | x | | | | | | |
| Field Maple | Acer campestre | ✓ | | | | | | | | |
| Cherry, Gean | Prunus avium | x | | | | | | | | |
| Cherry, Bird | Prunus padus | | x | x | | | | | | |

| | | | | | | | | | | |
|--------------------------|--------------------------------|---|---|---|---|---|---|---|---|---|
| Holly | <i>Ilex aquifolium</i> | x | x | x | x | x | | x | x | |
| Hornbeam | <i>Carpinus betulus</i> | x | | | | | | | | |
| Small-leaved lime | <i>Tilia cordata</i> | x | | | | | | | | |
| Scots pine | <i>Pinus sylvestris</i> | | | | | | | | | ✓ |
| Oak, Common | <i>Quercus robur</i> | ✓ | x | x | | x | | ✓ | x | |
| Oak, Sessile | <i>Quercus petraea</i> | ✓ | | x | x | ✓ | | ✓ | ✓ | |
| Rowan | <i>Sorbus aucuparia</i> | x | | ✓ | | x | x | x | x | x |
| Whitebeam | <i>Sorbus aria</i> | x | | | | | | x | | |
| Willow, Crack | <i>Salix fragilis</i> | | ✓ | | | | | | | |
| Willow, Goat | <i>Salix caprea</i> | x | x | | x | | | | | |
| Yew | <i>Taxus baccata</i> | x | | | | | | | | |

*Although Ash has been included in the table, given the current impact of Ash Dieback disease we do not recommend planting this at this time.

| Native Shrubs | | Woodland types present in East Lothian with major (✓) or minor (x) species suitability | | | | | | Woodland types with potential to grow in East Lothian with major (✓) or minor (x) species suitability | | |
|------------------------|--------------------------------|--|---------------------------------------|--------------------------------------|------------------------|-----------------------|---------------------|---|---------------------------------|---------------------------|
| Common Name | Species Name | Lowland Mixed Deciduous Woodland (W8, W10) | Wet Woodland (W1, W2, W3, W5, W6, W7) | Upland Mixed Deciduous Woodland (W9) | Upland Birch Wood (W4) | Upland Oak Wood (W11) | Juniper scrub (W19) | Lowland Oak-Birch Woodland (W16) | Upland Oak-Birch woodland (W17) | Scots Pine Woodland (W18) |
| Alder Buckthorn | <i>Frangula alnus</i> | | ✓ | | | | | x | | |
| Blackthorn | <i>Prunus spinosa</i> | ✓ | x | | | | | | | |
| Broom | <i>Cytisus scoparius</i> | x | | | | | | | | |
| Dogwood | <i>Cornus sanguinea</i> | ✓ | | | | | | | | |
| Elder | <i>Sambucus nigra</i> | x | x | x | | | | x | | |

| | | | | | | | | | | |
|--------------------------|----------------------------------|---|---|---|---|---|---|---|---|---|
| Gorse | <i>Ulex europaeus</i> | x | | | | | | x | | |
| Guelder Rose | <i>Viburnum opulus</i> | x | x | | | | | | | |
| Hawthorn | <i>Crataegus monogyna</i> | ✓ | ✓ | x | x | x | | | x | |
| Hazel | <i>Corylus avellana</i> | ✓ | ✓ | ✓ | x | x | | | x | |
| Juniper | <i>Juniperus communis</i> | | | | | ✓ | ✓ | | x | x |
| Privet, Wild | <i>Ligustrum vulgare</i> | x | | | | | | | | |
| Purging Buckthorn | <i>Rhamnus cathartica</i> | ✓ | ✓ | | | | | | | |
| Spindle | <i>Euonymus europaeus</i> | ✓ | | | | | | | | |
| Wayfaring Tree | <i>Viburnum lantana</i> | ✓ | | | | | | | | |
| Willow, Almond | <i>Salix triandra</i> | | x | | | | | | | |
| Willow, Bay | <i>Salix pentandra</i> | | ✓ | | x | | | | | |
| Willow, Eared | <i>Salix aurita</i> | | x | | x | | | | | |
| Willow, Grey | <i>Salix cinerea</i> | x | ✓ | x | ✓ | | | | | |
| Willow, Ossier | <i>Salix viminalis</i> | | x | | | | | | | |
| Willow, Purple | <i>Salix purpurea</i> | | x | | x | | | | | |

| Hedgerow Species | | Hedgerow type and major (✓) or minor (x) species suitability | |
|---------------------------------|----------------------------|--|-------------|
| Species | Common Name | Rural Hedge | Urban Hedge |
| Fagus sylvatica | Beech | | ✓ |
| Fagu sylvatica 'Pupurea' | Purple-leaved beech | | ✓ |
| Prunus spinosa | Blackthorn | x | |
| Malus sylvestris | Crab Apple | x | x |
| Sambucus nigra | Elder | x | x |
| Ulmus glabra | Wych Elm | x | x |
| Acer campestre | Field maple | x | x |
| Ulex europaeus | Gorse | x | |
| Crateagus mongyna | Hawthorn | ✓ | |
| Carpinus betulus | Hornbeam | | ✓ |
| Quercus robur | Common Oak | x | |
| Ligustrum vulgare | Wild Privet | | ✓ |
| Rosa canina | Dog Rose | x | |

Legal Restrictions on Species Choice

Under the Wildlife and Countryside Act 1981 it is an offence in Scotland to plant trees, shrubs or plants into 'the wild' outside their native range. 'The wild' is defined as a semi-natural area in either rural or urban areas. There is a [list](#) of exemptions to this. Plants on this list may only be planted without a licence provided they are managed in accordance with the UK Forestry Standard.