

# British Native Trees - Habitats and Growing conditions.

| Species            | Average mature / ultimate height |        |      | Growth rate |        |      | Soil/ground conditions |                   |             |      |          | Tolerant of sites that are |          |         |         | Valuable for |         |
|--------------------|----------------------------------|--------|------|-------------|--------|------|------------------------|-------------------|-------------|------|----------|----------------------------|----------|---------|---------|--------------|---------|
|                    | 0.5-5m                           | 6m-15m | 16m+ | Fast        | Medium | Slow | Wet ground             | Light sandy soils | Heavy soils | acid | alkaline | Shaded                     | Polluted | Coastal | Exposed | Birds        | Insects |
| Alder              |                                  | •      |      | •           |        |      | ■                      |                   | •           |      | •        | •                          | •        |         | •       |              | •       |
| Ash                |                                  |        | •    |             | •      |      | ▲                      | •                 | •           |      | •        | •                          | •        | •       | •       |              |         |
| Aspen              |                                  | •      |      | •           |        |      |                        |                   | •           | •    | •        |                            | •        | •       | •       |              | •       |
| Beech              |                                  |        | •    |             |        | •    |                        | •                 |             |      | •        | •                          |          |         |         |              | •       |
| Birch, Downy       |                                  | •      |      | •           |        |      | ▲                      |                   |             |      | •        |                            | •        |         | •       |              | •       |
| Birch, Silver      |                                  | •      |      | •           |        |      |                        | •                 |             |      | •        |                            | •        |         | •       |              | •       |
| Blackthorn         | •                                |        |      | •           |        |      |                        | •                 | •           | •    | •        |                            |          | •       | •       | •            | •       |
| Broom              | •                                |        |      |             | •      |      |                        | •                 |             |      | •        | •                          | •        | •       |         |              | •       |
| Buckthorn, Alder   | •                                |        |      |             |        | •    | ▲                      |                   |             |      | •        |                            |          |         |         |              |         |
| Cherry, Wild       |                                  | •      |      |             | •      |      |                        | •                 | •           |      | •        |                            | •        |         |         |              |         |
| Cherry, Bird       |                                  | •      |      |             | •      |      |                        | •                 | •           | •    |          | •                          |          |         |         | •            | •       |
| Crabapple          |                                  | •      |      |             |        | •    |                        | •                 | •           | •    | •        | •                          |          |         |         | •            | •       |
| Elder              |                                  | •      |      | •           |        |      |                        | •                 | •           | •    | •        | •                          | •        | •       | •       |              | •       |
| Elm, Wych          |                                  | •      |      |             | •      |      |                        |                   | •           |      | •        | •                          | •        | •       | •       |              | •       |
| Gorse              | •                                |        |      |             | •      |      |                        | •                 |             | •    | •        |                            |          |         |         | •            | •       |
| Hawthorn           | •                                |        |      |             | •      |      |                        | •                 | •           | •    | •        |                            | •        | •       | •       | •            | •       |
| Hazel              |                                  | •      |      | •           |        |      |                        |                   | •           |      | •        |                            | •        |         |         |              | •       |
| Holly              |                                  | •      |      |             |        | •    |                        | •                 | •           | •    | •        | •                          | •        | •       | •       | •            |         |
| Lime, small-leaved |                                  |        | •    |             | •      |      |                        |                   | •           |      | •        | •                          |          |         |         |              | •       |
| Maple, Field       |                                  | •      |      |             | •      |      |                        |                   | •           |      | •        | •                          |          |         |         |              |         |
| Oak, Pedunculate   |                                  |        | •    |             |        | •    |                        |                   | •           |      | •        |                            |          |         | •       | •            | •       |
| Oak, Sessile       |                                  |        | •    |             |        | •    | ▲                      | •                 | •           | •    |          | •                          |          |         | •       | •            | •       |
| Pine, Scots        |                                  |        | •    |             | •      |      |                        | •                 |             | •    |          |                            |          |         | •       |              | •       |
| Poplar, Black      |                                  |        | •    | •           |        |      | ▲                      | •                 | •           |      | •        |                            |          |         |         |              | •       |
| Rose, Dog          | •                                |        |      |             | •      |      |                        | •                 | •           |      | •        | •                          | •        |         | •       |              | •       |
| Rose, Guelder      | •                                |        |      |             | •      |      | ▲                      |                   | •           |      | •        | •                          |          |         |         |              | •       |
| Rowan              |                                  | •      |      | •           |        |      |                        | •                 |             | •    |          |                            | •        | •       | •       | •            |         |
| Spindle            | •                                |        |      |             | •      |      |                        |                   | •           |      | •        | •                          |          |         |         |              |         |
| Whitebeam, Common  |                                  | •      |      |             | •      |      |                        | •                 | •           |      | •        |                            |          |         |         |              | •       |
| Wild Service       | •                                |        |      |             |        | •    |                        |                   | •           |      | •        | •                          |          | •       | •       | •            |         |
| Willow, Crack      |                                  | •      |      | •           |        |      | ■                      |                   |             |      | •        |                            | •        | •       | •       | •            | •       |
| Willow, Goat       |                                  | •      |      | •           | •      |      | ■                      |                   | •           |      | •        | •                          | •        | •       | •       | •            | •       |
| Willow, White      |                                  |        | •    | •           |        |      | ■                      |                   |             |      | •        |                            | •        | •       | •       | •            | •       |
| Yew                |                                  | •      |      |             |        | •    |                        | •                 |             |      | •        | •                          |          |         | •       | •            |         |

■ Only species to survive waterlogged sites with anaerobic conditions.  
▲ Will tolerate wet ground if there is some seasonality of "flushing (water movement) within the soil.