

Woodland Ecology session plan- 45mins

Unit 2. Understand the structures of woodlands

1.1 Explain the vertical and horizontal ecological structures of British woodland

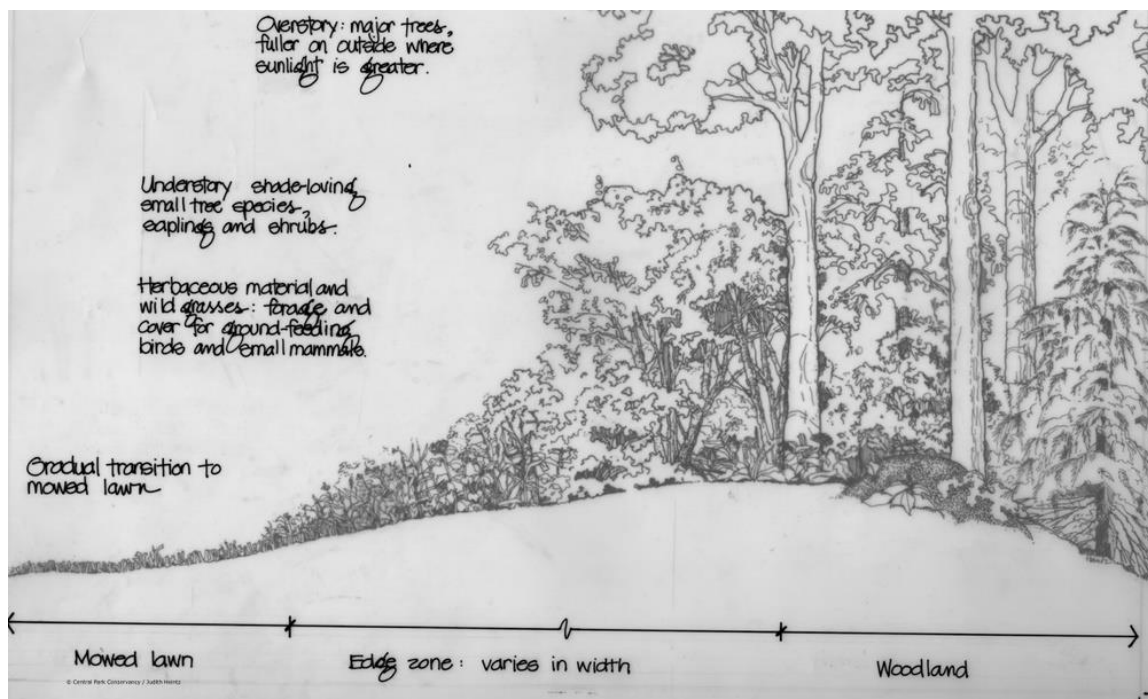
1.2 Differentiate between broadleaf and coniferous woodland ecosystems

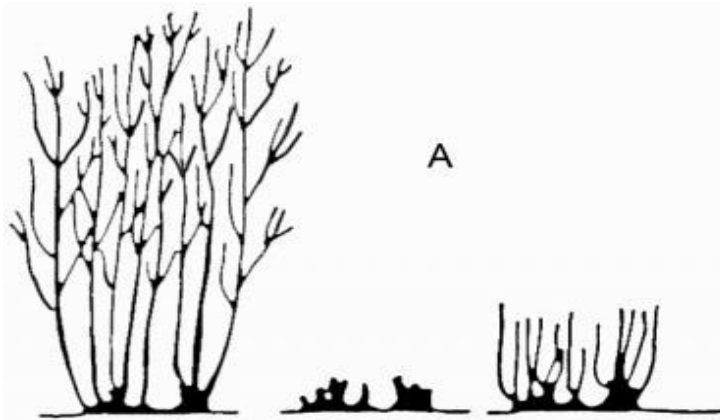
Understand the management of woodlands as a sustainable woodland resource

4.1 Explain the sustainability of current and historic woodland management techniques in own location

4.2 Explain ways to involve learners in sustainable woodland management

| Timing | Activity |
|--------|--|
| 5mins | Why/How are woodlands there. Planted or grown up naturally from succession |
| 5mins | Ecological structures of woodland and the effect on wildlife |
| 5mins | Differences between broadleaf and coniferous woodland |
| 5mins | Managing light and shade |
| 5mins | Sustainable woodland management techniques –current and historic Coppicing, pollarding, thinning, singling etc. |
| 5mins | Deadwood cycle and 'tidying up' |
| 5mins | Impact of humans on woodland positive and negative-link to environmental impact assessment |
| 5mins | Ideas to involve learners in sustainable woodland management |
| 5mins | Link to woodland management 3 year plan |

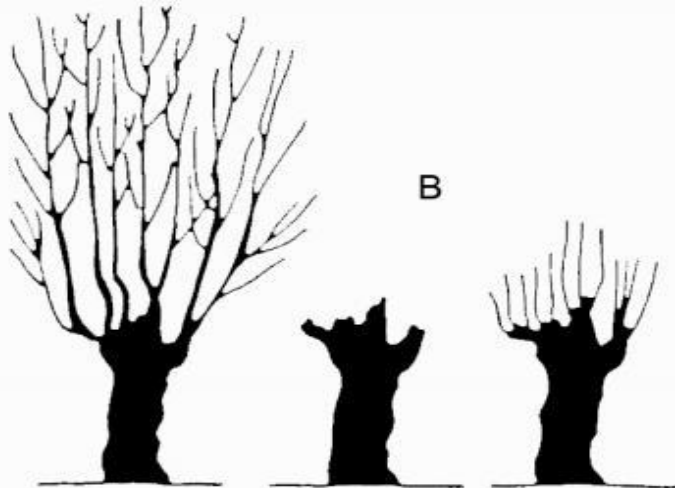




A

Fig. 8 Sketch of a coppice and pollard system.

A - a hazel coppiced stool with several years' growth of rods; middle, clear-felled of all rods;



B

B - one year's rapid growth of straight rods. The pollard system works the same way, but the stem is cut above the height of grazing cattle and deer.

