

Classification: NULBC **UNCLASSIFIED**

SUNRISE Project – Site Information

Bradwell Woods

- Thinning and/or coppicing of Silver Birch (*Betula pendula*) to provide more mature Pedunculate Oak (*Quercus robur*) with space to grow.
- Creation and management of rides and glades through selective thinning.
- Possibility of improving diversity in the woodland field layer by introducing native wildflower seed or plug plants from an appropriate sustainable source.
- Installation of woody debris into the watercourses to diversify flow patterns and attempt to trap some of the sediments before reaching the pools and the downstream parts of the Fowlea Brook.
- Rotational coppicing and/or thinning of trees along the brook corridor to diversify light/shade regime.
- Possible de-silting of the two large pools and some rotational coppicing of the surrounding trees to provide a better light/shade regime.

Pool Dam Marshes

- Re-route the brook into its old channel which should create flow diversity and morphological diversity.
- Restoration of ditches through vegetation clearance to hopefully re-wet sections of the site.
- Introduction of water control structures to prevent seasonal drying out of the site which should provide conditions suitable for a more diverse range of species.
- Restoration of waterbodies.
- Management of bankside trees which will include thinning and pollarding where appropriate.
- Scrub control, concentrating particularly on the large patches of throughout the centre of the site which should also promote re-wetting of the site.
- Invasive species control.
- Introduction of more regular management through grazing or cutting.

Lyme Brook (Lyme Valley Parkway)

- Beneficial woodland management throughout the areas of planted woodland on site.
- Diversify grasslands through green hay and seed sowing.
- Removal of weir/creation of rock ramp to tackle issues with sewage pipe spanning the brook and enabling better fish passage throughout the reach.
- Invasive species control.

Lyme Brook (Wye Road / Westomley Wood)

- Enhancement of grassland areas through green hay strewing and/or supplementary seed sowing where appropriate.
- Selective thinning of plantation woodlands to diversify the current woodland structure providing selected trees room to expand and allow more light to reach the woodland floor.

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Possibility to create rides, glades and a more staggered woodland edge to provide refuge for a wider diversity of species.

- Control of invasive species.

Lyme Brook (Thistleberry Parkway)

- Grassland enhancement through green hay strewing and/or supplementary seeding.
- Thinning or coppicing in areas of plantation woodland to diversify age structure.