

PROVISIONAL PROGRAMME

Aim

To carry out an investigation across a succession ecosystem.
Investigate the effect of woodland management on succession.

Introduction

- The development of ecosystems over time.
- Stages of succession and the influence of named species on the environment.
- Definitions, climax community and succession.

AM: Grassland through to woodland succession

- Line transect of ground flora showing successional changes from grassland, through scrub to woods.
- Point frame to sample species
- Measurements of abiotic factors

PM: Compare two woodlands at different stages of succession.

- Random sampling of ground flora and canopy cover using gridded quadrats
- Measure abiotic factors.

Follow up

- Construct kite diagrams with the transect data
- Undertake Spearman's Rank to analyse abiotic data
- Discuss results and draw conclusions
- Discuss limitations

RECOMMENDED DAY LENGTH

9.30 – 16.00

SAFETY All activities and sites are risk assessed.
Recommended 1 adult per group.

CLOTHING Appropriate outdoor clothing. Indoor & outdoor footwear.

VISITING TEACHER

ROLE Teachers to support FSC staff by circulating the students, keeping them on task. Teachers are responsible for behaviour.

RESOURCES All resources are provided.

ICT There is the option of using a digital camera to record techniques.

ASSESSMENT

Progress assessed by open ended questioning, peer discussions, presentations and use of knowledge and skills in different situations.

PRIOR LEARNING

Simple definitions and terms

FUTURE LEARNING

Consider effects of human Influences on the environment