There are several reasons for introducing diversity into the forest landscape:

- **Biodiversity** – creating a variety of habitats
- **Economic** – extending species and age spread to maximises the range of potential timber products in an evolving market...
## Forest design principles

### Diversity

- **Climatic change** – introducing species diversity to reduce risk to disease and insect damage, limit fire hazard

- **Structural stability** – increasing the percentage of continuous cover will maintain canopy cover, reducing the impact of extreme climatic events

Visual diversity refers to the number of different elements in a landscape or in a forest. Visually diverse forests are usually more visually appealing, but the level of diversity should be appropriate to:

- The landscape character
- How the forest is used.
Forest design principles

Visual diversity
Forest design principles

Visual diversity
Forest design principles

Visual diversity

We have already looked briefly at how diversity of open space and species pattern can be used to reflect landform shape and landscape scale.
Visual diversity
Forest design principles

Visual diversity
Forest design principles

Visual diversity

We will now look more closely at how visual diversity can be used in forest design

What sort of existing features of the landscape can we use to add visual diversity to a forest?
Forest design principles

Visual diversity: Existing features
Forest design principles

Visual diversity: Existing features
Forest design principles

Visual diversity: Internal landscape and features
Forest design principles

Visual diversity: Open space
Forest design principles

Visual diversity: Species
Forest design principles

Visual diversity: Age structure
Forest design principles

Visual diversity: Age structure
Forest design principles

Visual diversity: Density
Forest design principles

Visual diversity: Appropriateness
Forest design principles

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Visual diversity: Appropriateness
Visual diversity: Appropriateness
Forest design principles

Visual diversity
Forest design principles

Visual diversity
Forest design principles

Visual diversity, scale and shape
Forest design principles

Visual diversity, scale and shape
Forest design principles

Visual diversity, scale and shape
Visual diversity

Identify and explore options for introducing visual diversity into your new planting proposal to reflect the scale of the landscape and how it changes.

Sketch a species pattern which also reflects what you have learnt about shape and scale.