Lake District Arctic Alpine Restoration Project

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Lake District Arctic Alpine Restoration Programme 2005-2018

- Four Objectives:
  - Conduct survey work to establish locations and populations of Arctic Alpine Plants
  - Undertake Life Cycle Analysis to identify obstacles to successful reproduction and expansion
  - Carry out hands-on population supplementations or re-establishment to address life cycle obstacles
  - Establish climate change baseline surveys for future use
Figure 3
Red Tarn Cove:
location of notable arctic-alpine plant species

- Location of notable species

Helvellyn shelter

"Gully 2": Flushed on left hand side with Thalictrum alpinum, Juncus triglumis, Saxifraga oppositifolia & Polygonum viviparum.

Occasional Armeria maritima occurs otherwise grazed & replaced.
Flowering or vegetative

Plant present or extinct?

Viable seed produced and dispersed

Viable seed falls on suitable germination niche

Seedling survives and progresses to adult plant

Life Cycle Analysis

Seedling survives and progresses to adult plant

Viable seed produced and dispersed

Viable seed falls on suitable germination niche

Plant present or extinct?