

SCOTTISH NATURAL HERITAGE



The implications for biodiversity and conservation of changes in managed fire regimes

Graham Sullivan

Scottish Natural Heritage

graham.sullivan@snh.gov.uk

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Introduction

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- The impacts of fire on organisms and on biodiversity
- Types of fire and fire regimes
- The elements of fire regimes
- Factors leading to change in fire regimes
- Discussion

The impacts of fire on organisms and on biodiversity

- Individuals and species
- Ecological processes
- Habitats and supported species
- Biodiversity

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The elements of fire regimes

- Location
- Extent
- Scale
- Frequency
- Intensity
- Timing

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Types of fire and fire regimes

- Objectives
- Managed and unmanaged fire
- Well-managed and badly-managed fire

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Determinants of fire regimes

- Objectives
- Resources
- Perceptions
- Law, policy and incentives
- Climate change

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Discussion

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- How might these factors change?
- How will they impact on biodiversity and conservation?
- How will this interact with other land Management practices and uses?
- What else do we need to know?

Land management objectives

- How might objectives change?
- How will such changes impact on biodiversity and conservation?
- How will they interact with other land management practices?
- What else do we need to know?

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Effort and resources

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- How might these factors change?
- How will they impact on biodiversity and conservation?
- How will this interact with other land Management practices and uses?
- What else do we need to know?

Perceptions

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- Are views of muirburn changing?
- Will they lead to changes in practice?
- Will these changes benefit biodiversity and conservation?
- What else do we need to know?

Law, policy and incentives

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- What changes are desirable and what changes are likely?
- How would they impact on biodiversity and conservation?
- How would they affect other land Management practices and uses?
- What else do we need to know?

Climate change

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- How will climate change affect muirburn practice?
- How will the impact of climate change on biodiversity affect muirburn policy?
- What else do we need to know?

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