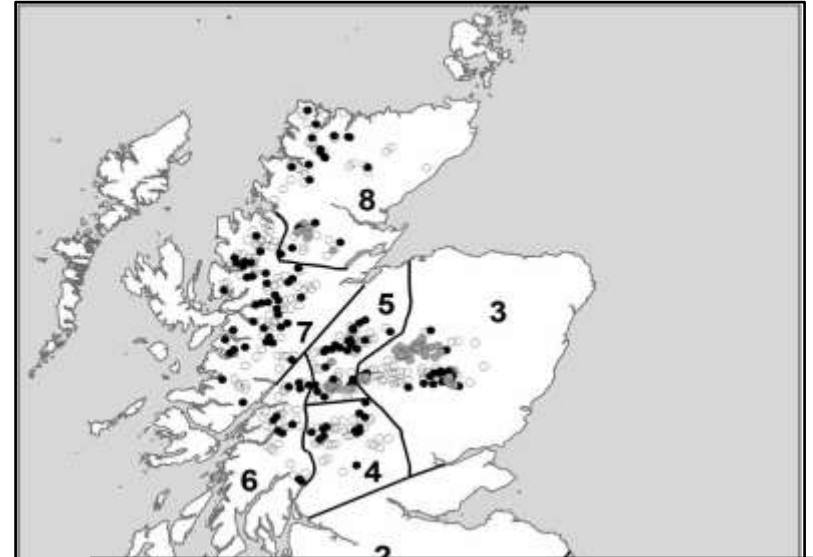


Recent RSPB research in alpine environments

Monitoring:

- **National Montane bird survey**
 - Focus on Dotterel, but all species surveyed.
 - 337 km² alpine habitats covered across UK during 2011.
 - Repeat of surveys carried out in 1987/88 and 1999.
 - Hayhow et al (2015) – Dotterel declined by 57% since 1987.
- **Snow Bunting national survey**
 - Baseline survey carried out in 2011, but independently to MBS.
 - Hayhow et al. (in press) – 60 territories (95% CI: 48-83) estimated.



Recent RSPB research in alpine environments

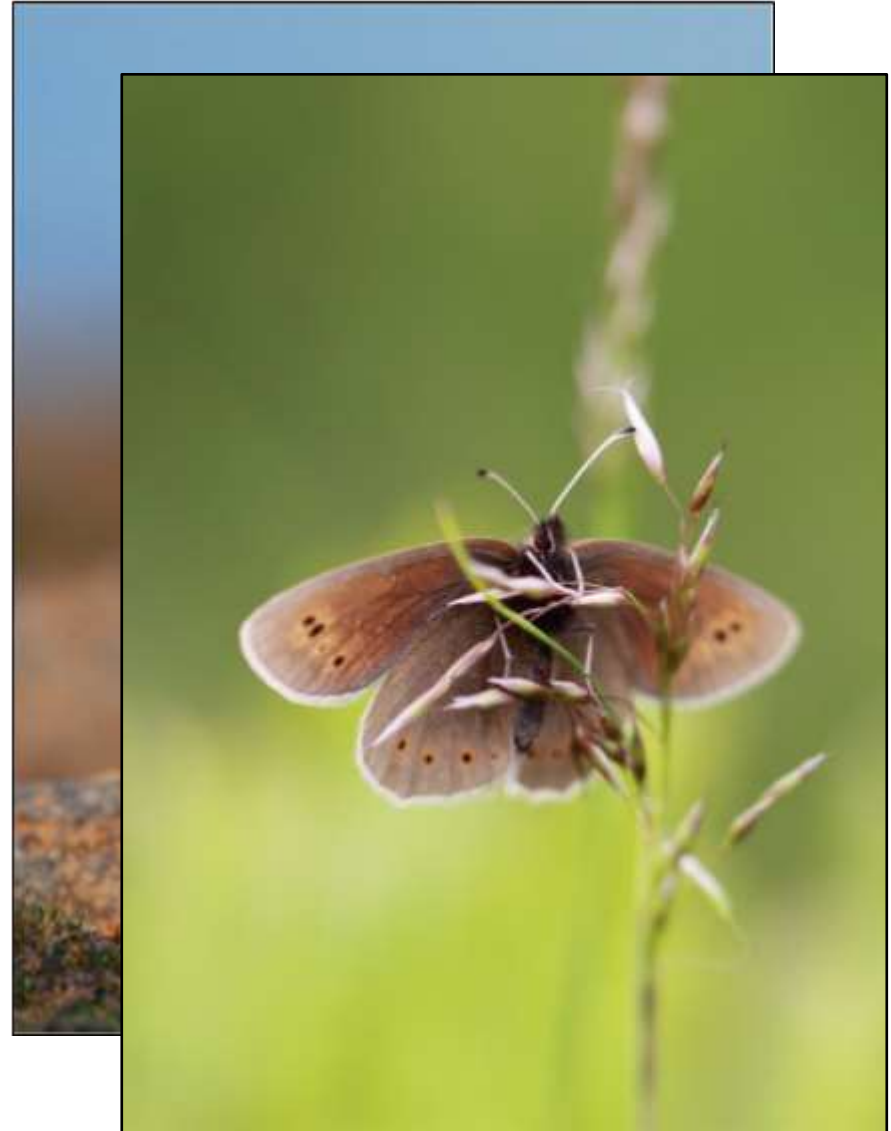
Detailed species research:

- **Dotterel**

- Working with Rene, RSPB were NERC Case partner on Alistair Baxter's PhD.
- Surveys and intensive ecological fieldwork carried out between 2012-15, providing contrast to SNH's MEP.

- **Mountain Ringlet**

- Intensive autecological at Lake District and Ben Lawers (2015-17).
- RSPB Case partner on PhD at Lancaster looking at mechanisms underpinning climate change impacts (starting 2018).



Recent RSPB research in alpine environments

Other relevant research:

- **Mountain Hares**
 - Characterising trends in grouse moor and alpine sites.
- **Land use intensity**
 - Muirburn mapping project (Douglas *et al.* 2015).



RSPB reserves:

- Manage alpine habitats within Abernethy reserve.
- Bid to Endangered Landscapes Fund for forest regeneration at Abernethy (also wider Cairngorm Connect area), including alpine scrub regeneration.

