NHZ 11. Cairngorm Massif

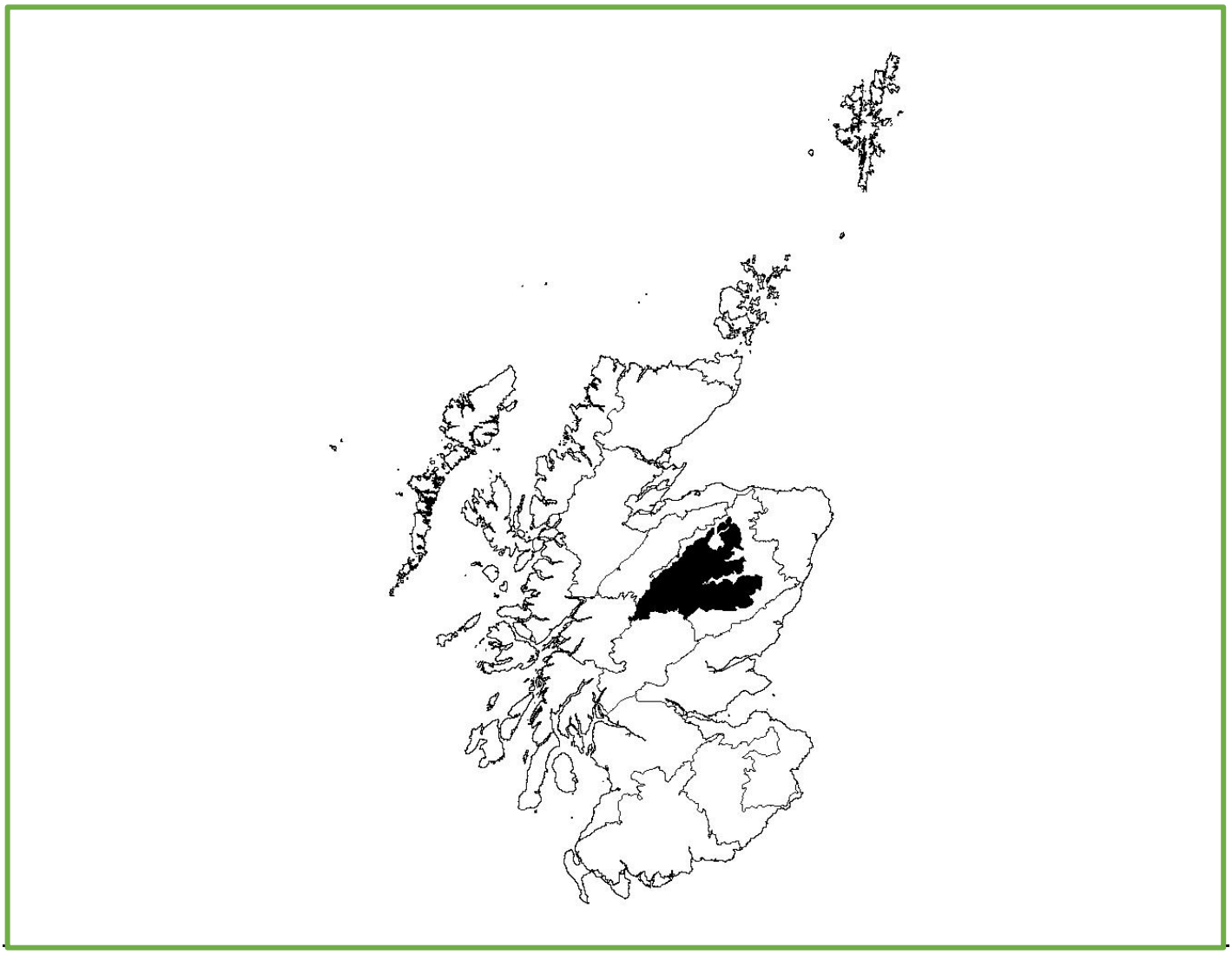


Figure 1: NHZ 11.Cairngorm Massif.

Trends in breeding numbers are available for four species and trends in breeding success for three of the 14 species for which the SRMS holds records for NHZ 11. Cairngorm Massif (Table 1).

Golden Eagle

No trend is available for the number of breeding pairs. Breeding success showed no significant change. No trends are available for clutch size, brood size or the number of fledglings (Figure 2).

Hen Harrier

The number of breeding pairs showed no significant change. No trends are available for breeding success, clutch size, brood size or the number of fledglings (Figure 3).

Merlin

The number of breeding pairs (-6.7%) and breeding success (-1.3%) decreased significantly. Clutch size and the number of fledglings showed no significant change. No trend in brood size is available (Figure 4).

Peregrine

The number of breeding pairs decreased significantly (-6.7%) while breeding success showed non-linear variation. No trends are available for clutch size, brood size or the number of fledglings (Figure 5).

Raven

The number of breeding pairs decreased significantly (-8.4%). No trends are available for

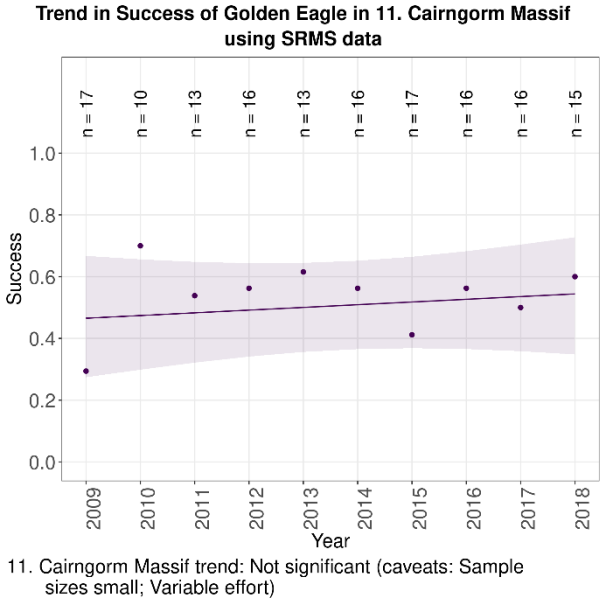
breeding success, clutch size, brood size or the number of fledglings (Figure 6).

Table 1: Summary of SRMS trends for NHZ 11. Cairngorm Massif during 2009-2018. Figures in parentheses indicate the annual change, with significant decreases highlighted in blue and non-significant changes highlighted in grey. '—' indicates where the species occurs but no trend is available.

Species:	Pairs	Success	Clutch size	Brood size	Number of fledglings
Osprey	—	—	—	—	—
Golden Eagle	—	Not significant [sv]	—	—	—
Sparrowhawk	—	—	—	—	—
Goshawk	—	—	—	—	—
Hen Harrier	Not significant [s]	—	—	—	—
Red Kite	—	—	—	—	—
White-tailed Eagle	—	—	—	—	—
Buzzard	—	—	—	—	—
Barn Owl	—	—	—	—	—
Tawny Owl	—	—	—	—	—
Kestrel	—	—	—	—	—
Merlin	**Decrease (-6.7%)**	**Decrease (-1.3%)**	Not significant [r]	—	Not significant [r]
Peregrine	**Decrease (-6.7%)**	Non-linear	—	—	—
Raven	**Decrease [s] (-8.4%)**	—	—	—	—

[r] No home range random effect, [s] Sample sizes small, [v] Variable effort.

No trend available
for breeding pairs



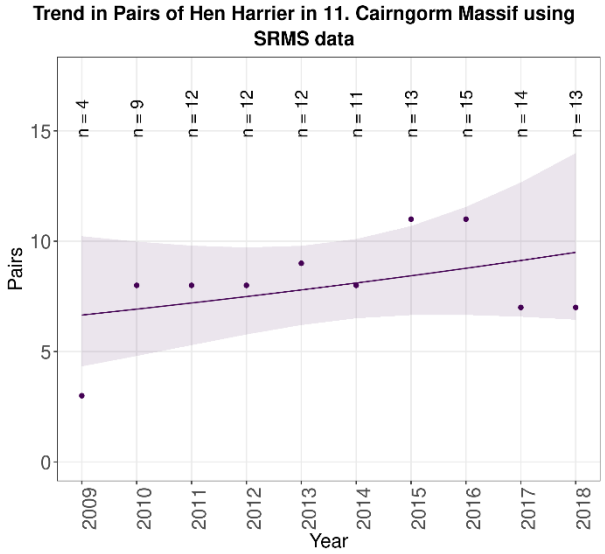
11. Cairngorm Massif trend: Not significant (caveats: Sample sizes small; Variable effort)

No trend available
for clutch size

No trend available
for brood size

No trend available
for number of fledglings

Figure 2: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Golden Eagle in NHZ 11. Cairngorm Massif during 2009-2018.



11. Cairngorm Massif trend: Not significant (caveats: Sample sizes small)

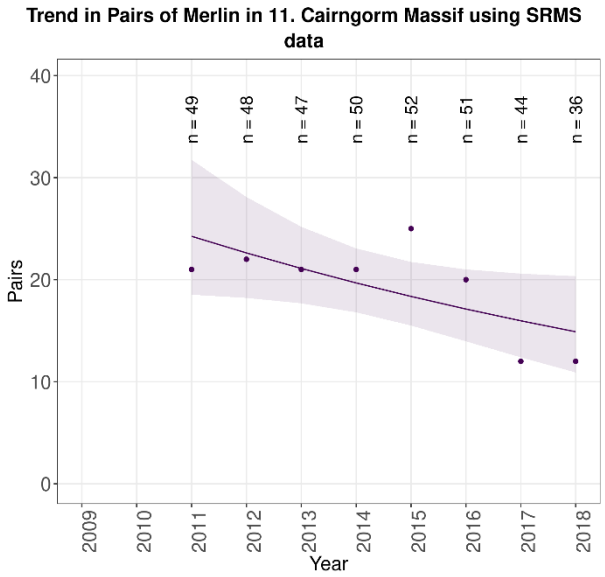
No trend available for breeding success

No trend available for clutch size

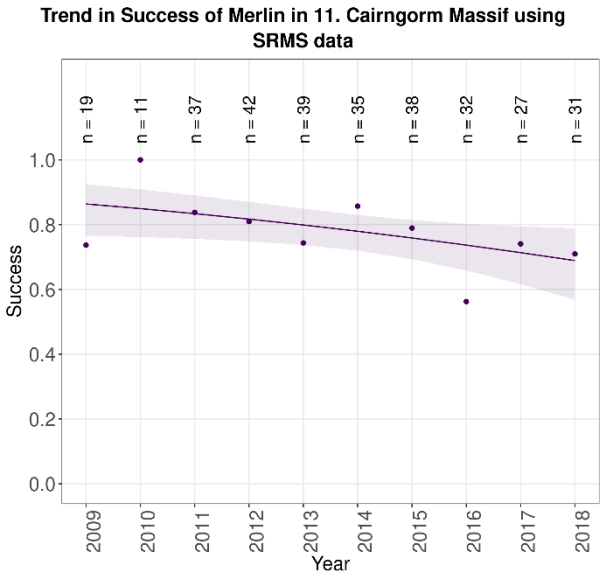
No trend available for brood size

No trend available for number of fledglings

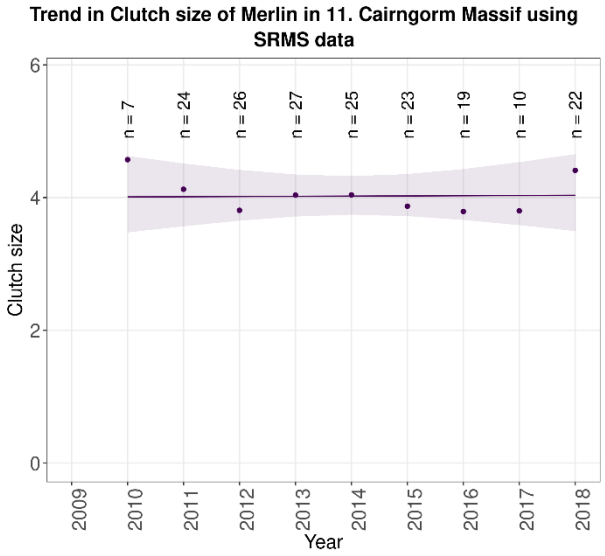
Figure 3: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Hen Harrier in NHZ 11. Cairngorm Massif during 2009-2018.



11. Cairngorm Massif trend: Decrease

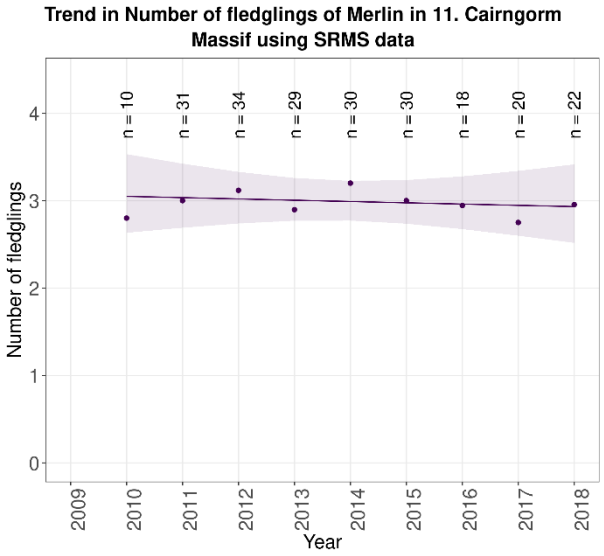


11. Cairngorm Massif trend: Decrease



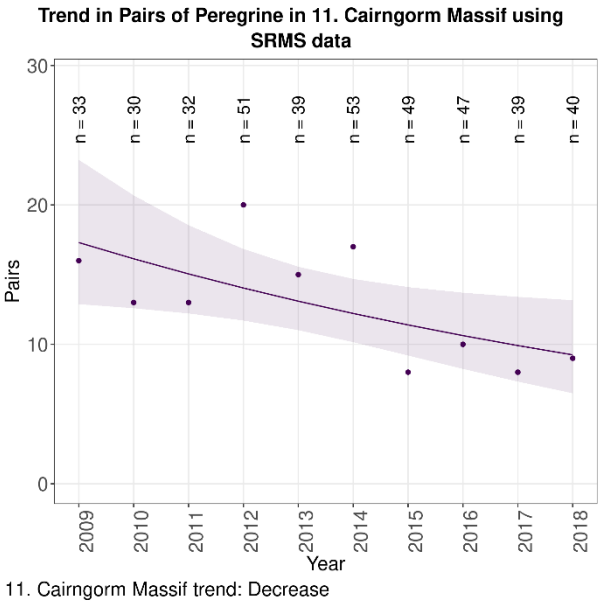
11. Cairngorm Massif trend: Not significant (caveats: No home range random effect)

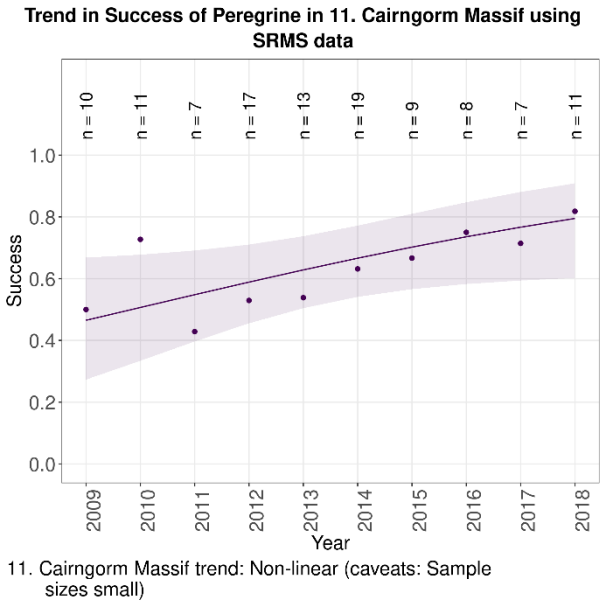
No trend available for brood size



11. Cairngorm Massif trend: Not significant (caveats: No home range random effect)

Figure 4: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Merlin in NHZ 11. Cairngorm Massif during 2009-2018.



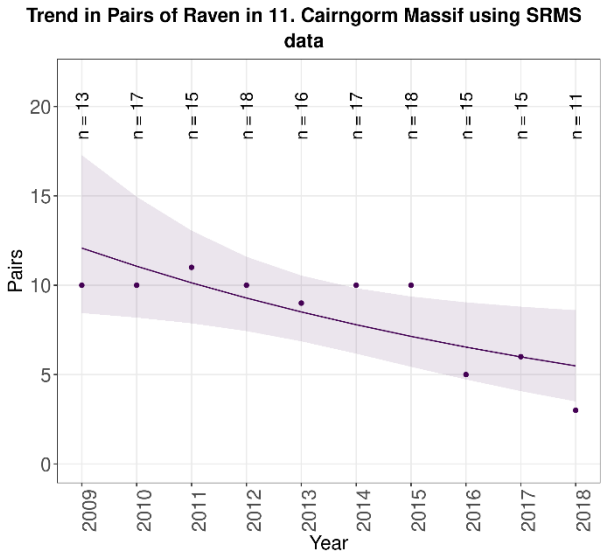


No trend available for clutch size

No trend available for brood size

No trend available for number of fledglings

Figure 5: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Peregrine in NHZ 11. Cairngorm Massif during 2009-2018.



11. Cairngorm Massif trend: Decrease (caveats: Sample sizes small)

No trend available for breeding success

No trend available for clutch size

No trend available for brood size

No trend available for number of fledglings

Figure 6: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Raven in NHZ 11. Cairngorm Massif during 2009-2018.