

NHZ 02. North Caithness and Orkney

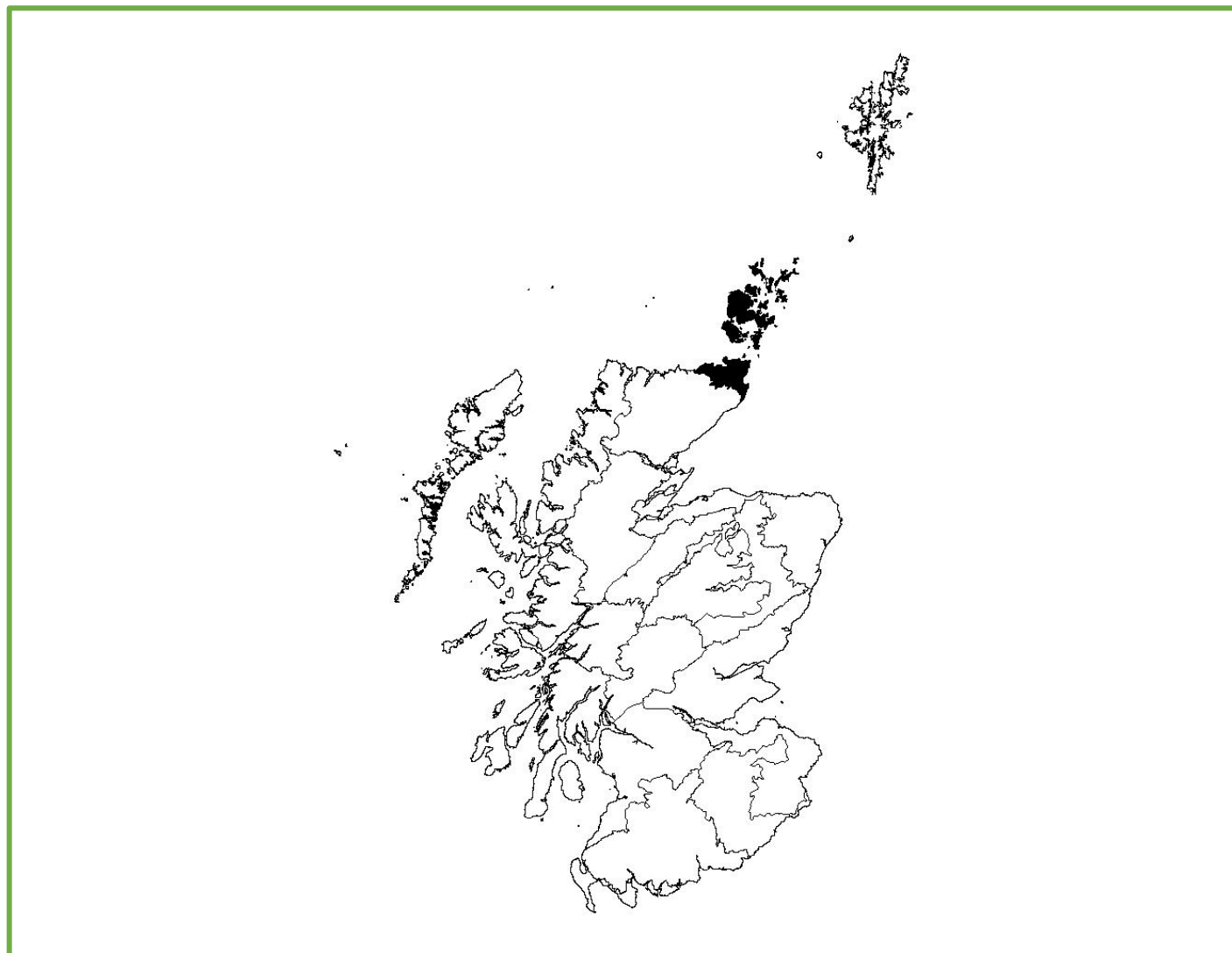


Figure 1: NHZ 02. North Caithness and Orkney.

Trends in breeding numbers are available for four species and trends in breeding success for three of the 11 species for which the SRMS holds records for NHZ 02. North Caithness and Orkney (Table 1).

Hen Harrier

The number of breeding pairs and breeding success showed non-linear variation. Clutch size showed a significant decrease (-2.2%) while there was no significant change in brood size. No trend is available for the number of fledglings (Figure 2).

Kestrel

The number of breeding pairs decreased significantly (-14.8%) while breeding success showed no significant change. No trends are

available for clutch size, brood size or number of fledglings (Figure 3).

Merlin

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 4).

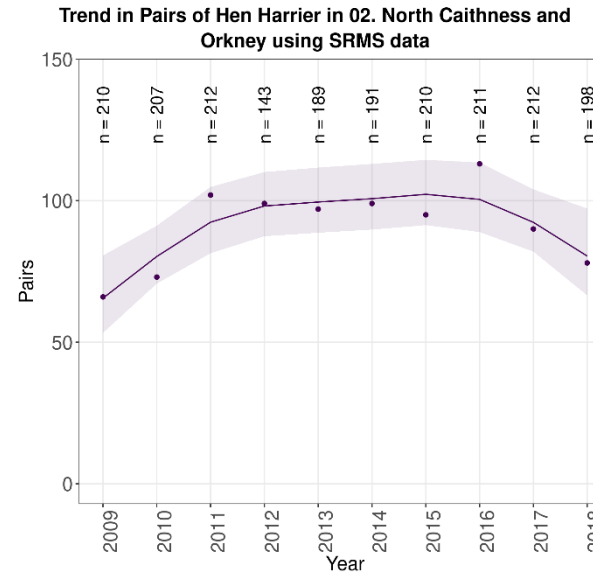
Peregrine

The number of breeding pairs showed no significant change while breeding success decreased significantly (-2.4%). No trends are available for clutch size, brood size or number of fledglings (Figure 5).

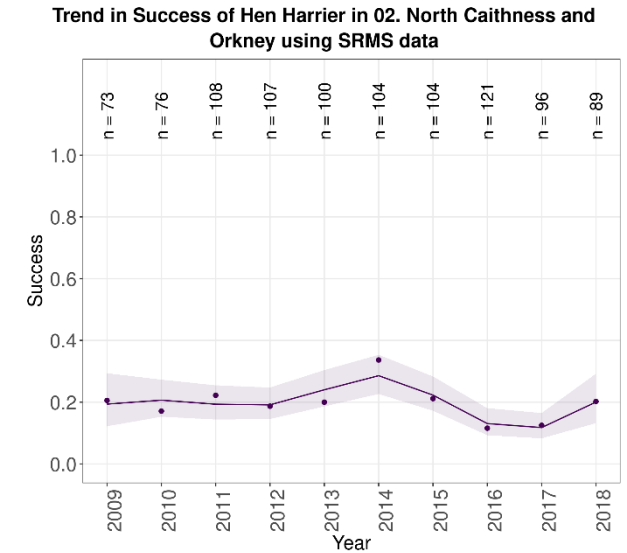
Table 1: Summary of SRMS trends for NHZ 02. North Caithness & Orkney during 2009-2018. Figures in parentheses indicate the annual change, with significant decreases highlighted in blue and non-significant changes highlighted in grey. ‘—’ indicates where the species occurs but no trend is available. ‘No SRMS data’ indicates where the SRMS does not hold any records for the region of interest. ‘Absent’ indicates where the species is not known to breed.

Species:	Pairs	Success	Clutch size	Brood size	Number of fledglings
Osprey	No SRMS data	No SRMS data	No SRMS data	No SRMS data	No SRMS data
Golden Eagle	Absent	Absent	Absent	Absent	Absent
Sparrowhawk	—	—	—	—	—
Goshawk	Absent	Absent	Absent	Absent	Absent
Hen Harrier	Non-linear	Non-linear	Decrease ^r (-2.2%)	Not significant ^r	—
Red Kite	Absent	Absent	Absent	Absent	Absent
White-tailed Eagle	—	—	—	—	—
Buzzard	—	—	—	—	—
Barn Owl	—	—	—	—	—
Tawny Owl	No SRMS data	No SRMS data	No SRMS data	No SRMS data	No SRMS data
Kestrel	Decrease ^s (-14.8%)	Not significant ^s	—	—	—
Merlin	Not significant	—	—	—	—
Peregrine	Not significant ^s	Decrease ^s (-2.4%)	—	—	—
Raven	—	—	—	—	—

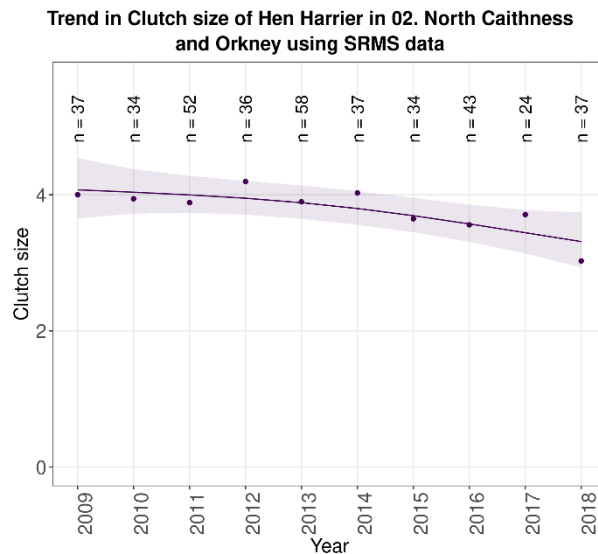
^r No home range random effect, ^s Sample sizes small.



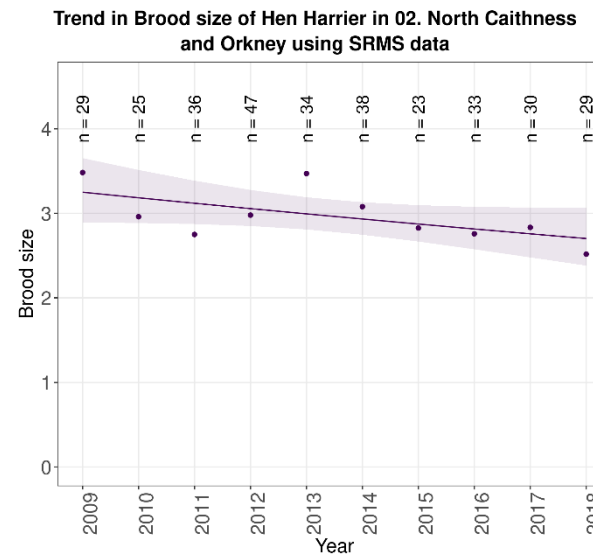
02. North Caithness and Orkney trend: Non-linear



02. North Caithness and Orkney trend: Non-linear (caveats: No home range random effect;)



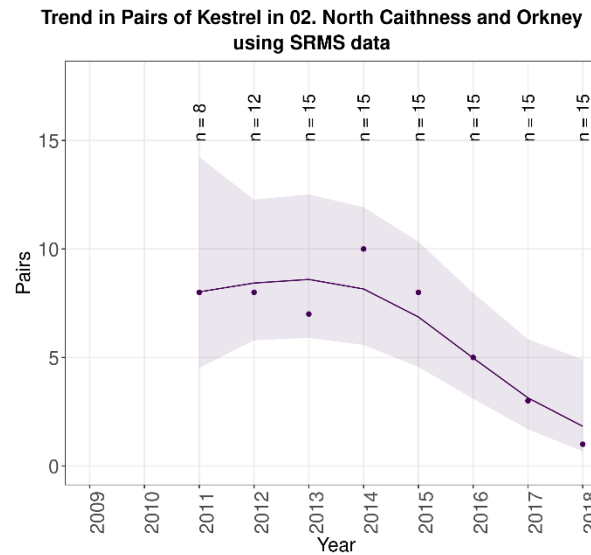
02. North Caithness and Orkney trend: Decrease (caveats: No home range random effect;)



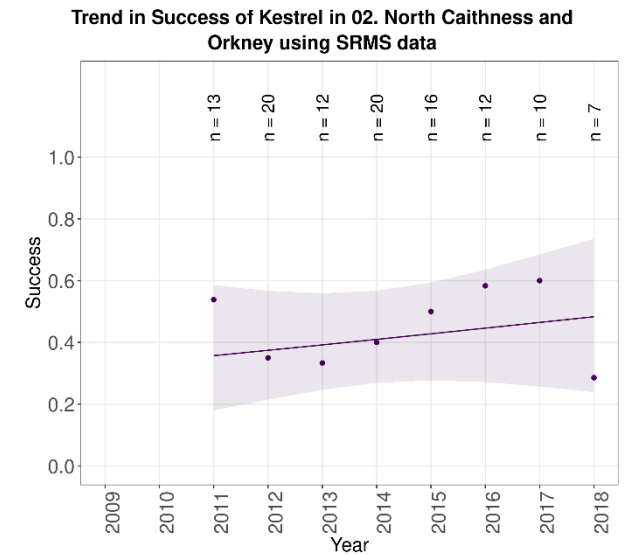
02. North Caithness and Orkney trend: Not significant (caveats: No home range random effect)

No trend available
for number of fledglings

Figure 2: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Hen Harrier in NHZ 02. North Caithness & Orkney during 2009-2018.



02. North Caithness and Orkney trend: Decrease (caveats: Sample sizes small)



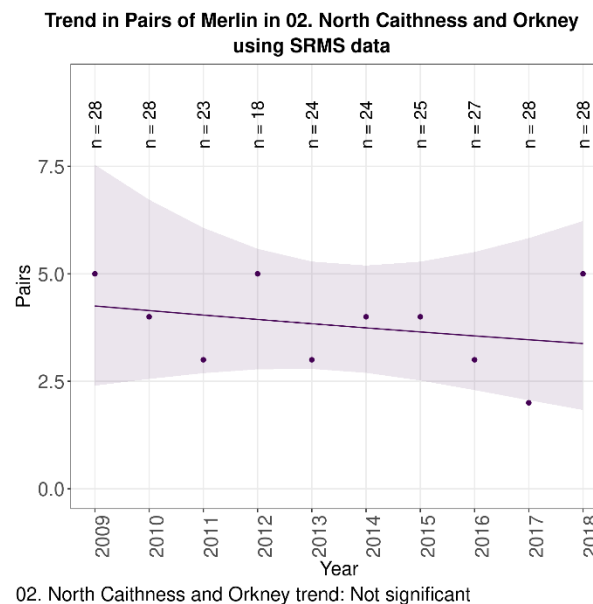
02. North Caithness and Orkney trend: Not significant (caveats: Sample sizes small)

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 Kestrel in NHZ 02. North Caithness & Orkney during 2009-2018.



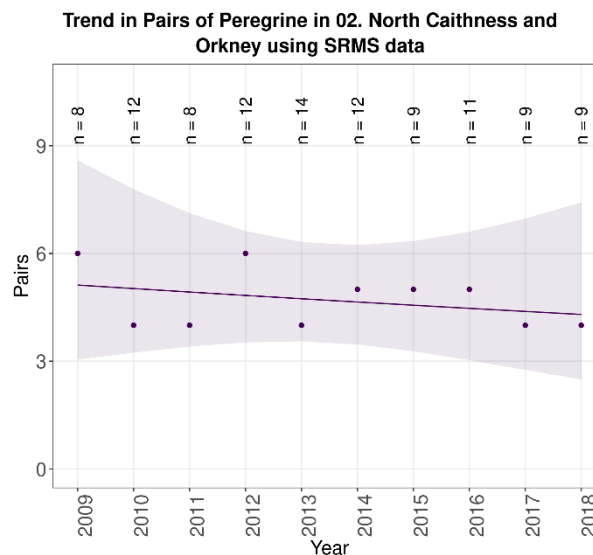
No trend available
for breeding success

No trend available
for clutch size

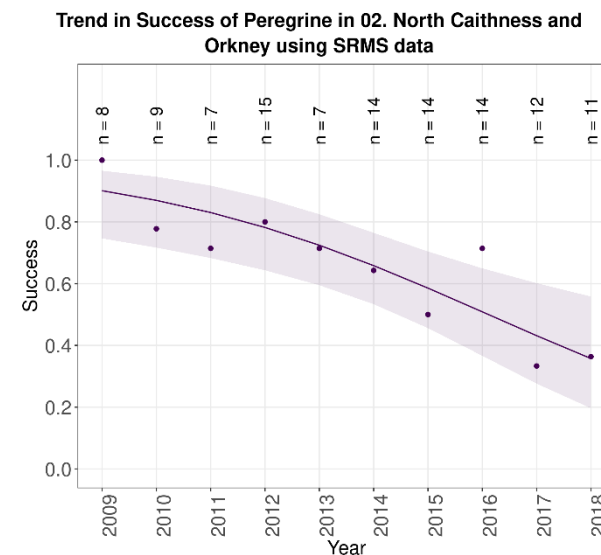
No trend available
for brood size

No trend available
for number of fledglings

Figure 4: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Merlin in NHZ 02. North Caithness & Orkney during 2009-2018.



02. North Caithness and Orkney trend: Not significant
(caveats: Sample sizes small)



02. North Caithness and Orkney trend: Decrease (caveats: Sample sizes small)

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 02. North Caithness & Orkney during 2009-2018.