

NHZ 21. Moray Firth

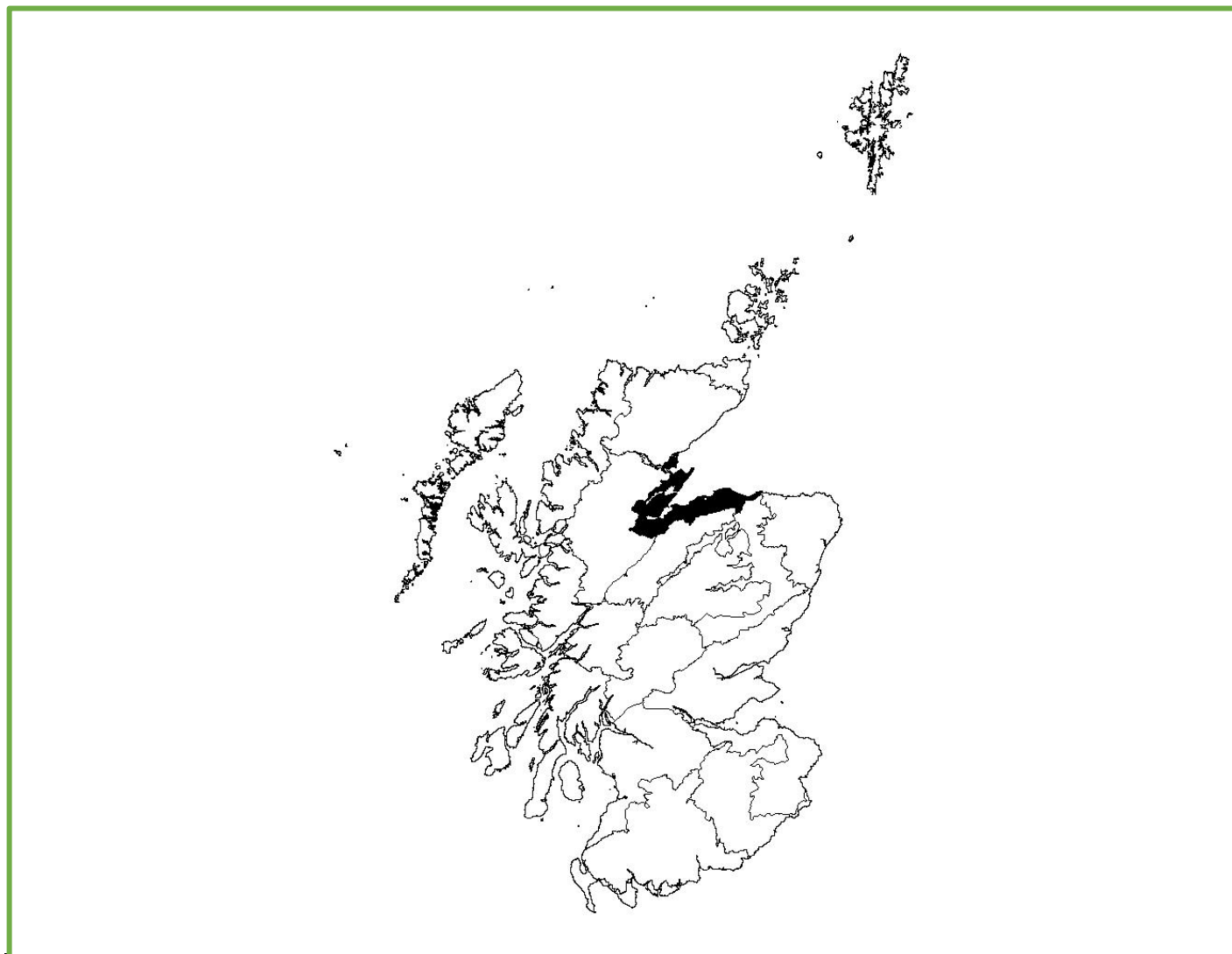


Figure 1: NHZ 21. Moray Firth.

Trends in breeding numbers are available for three species and trends in breeding success for four of the 12 species for which the SRMS holds records for NHZ 21. Moray Firth (Table 1).

Osprey

The number of breeding pairs increased significantly (+5.1%) while there was no significant change in breeding success. Trends are not available for clutch size or brood size but the number of fledglings showed no significant change (Figure 2).

Red Kite

No trend is available for the number of breeding pairs but breeding success showed no significant change. Trends are not available for clutch size or brood size but the number of fledglings showed no significant change (Figure 3).

Buzzard

The number of breeding pairs and breeding success showed no significant change. Trends in clutch size, brood size and the number of fledglings all showed no significant change (Figure 4).

Tawny Owl

The number of breeding pairs and breeding success showed no significant change. Trends in clutch size, brood size and the number of fledglings all showed no significant change (Figure 5).

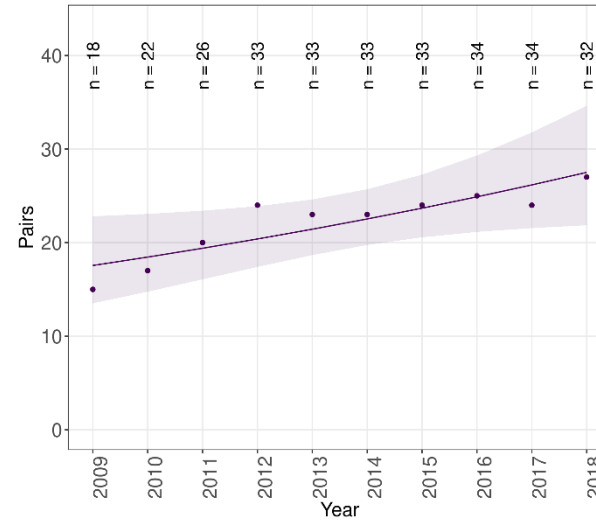
Table 1: Summary of SRMS trends for NHZ 21. Moray Firth during 2009-2018. Figures in parentheses indicate the annual change, with significant increases highlighted in green and non-significant changes highlighted in grey. ‘—’ indicates where the species occurs but no trend is available. ‘Absent’ indicates where the species is not known to breed.

Species:	Pairs	Success	Clutch size	Brood size	Number of fledglings
Osprey	Increase (5.1%)	Not significant	—	—	Not significant
Golden Eagle	Absent	Absent	Absent	Absent	Absent
Sparrowhawk	—	—	—	—	—
Goshawk	—	—	—	—	—
Hen Harrier	—	—	—	—	—
Red Kite	—	Not significant ^{vx}	—	—	Not significant ^{rx}
White-tailed Eagle	Absent	Absent	Absent	Absent	Absent
Buzzard	Not significant	Not significant	Not significant ^r	Not significant ^s	Not significant ^r
Barn Owl	—	—	—	—	—
Tawny Owl	Not significant	Not significant ⁿ	Not significant ^{nrs}	Not significant ^{nrs}	Not significant ^{ns}
Kestrel	—	—	—	—	—
Merlin	—	—	—	—	—
Peregrine	—	—	—	—	—
Raven	—	—	—	—	—

ⁿ Nestbox based, ^r No home range random effect, ^s Sample sizes small, ^v Variable effort, ^x Expanding population.

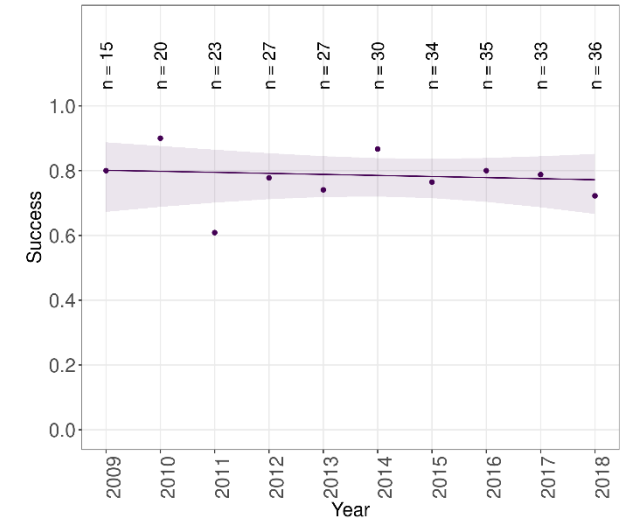


Trend in Pairs of Osprey in 21. Moray Firth using SRMS data



21. Moray Firth trend: Increase

Trend in Success of Osprey in 21. Moray Firth using SRMS data

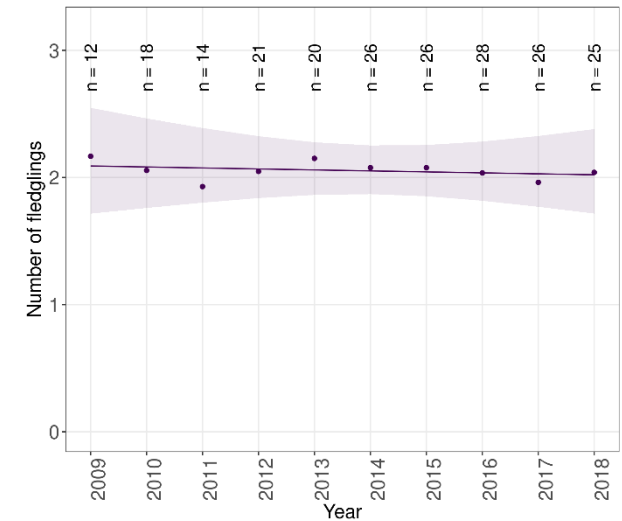


21. Moray Firth trend: Not significant

No trend available
for clutch size

No trend available
for brood size

Trend in Number of fledglings of Osprey in 21. Moray Firth using SRMS data



21. Moray Firth trend: Not significant

Figure 2: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Osprey in NHZ 21. Moray Firth during 2009-2018.

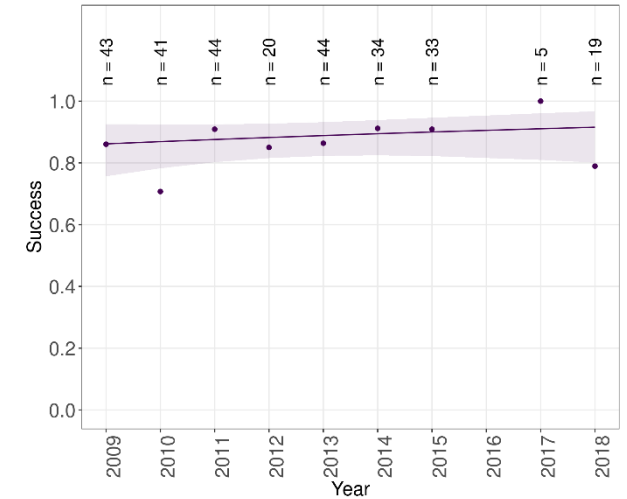


No trend available
for breeding pairs

No trend available
for clutch size

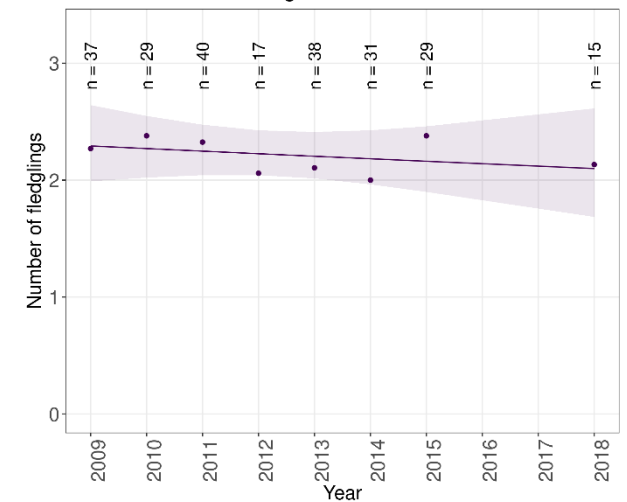
No trend available
for brood size

Trend in Success of Red Kite in 21. Moray Firth using SRMS data



21. Moray Firth trend: Not significant (caveats: Variable effort; Expanding population)

Trend in Number of fledglings of Red Kite in 21. Moray Firth using SRMS data

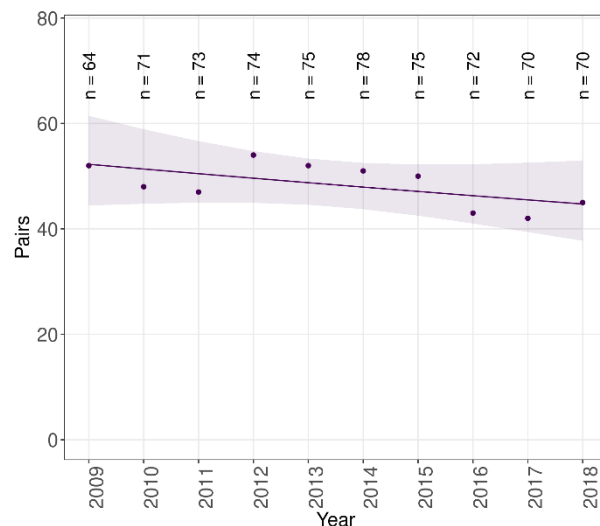


21. Moray Firth trend: Not significant (caveats: Expanding population; No home range random effect)

Figure 3: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Red Kite in NHZ 21. Moray Firth during 2009-2018.

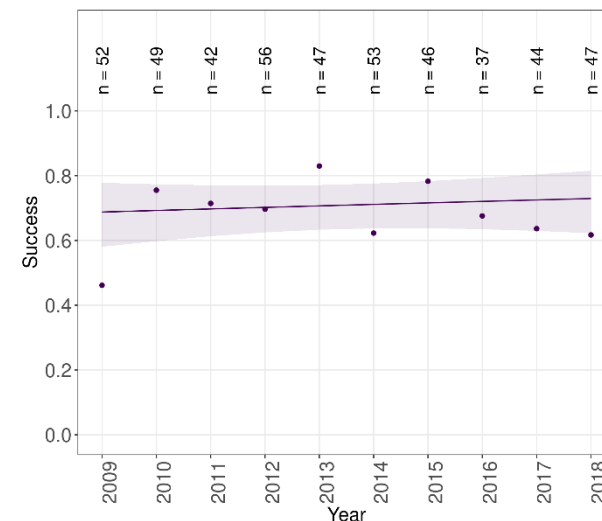


Trend in Pairs of Buzzard in 21. Moray Firth using SRMS data



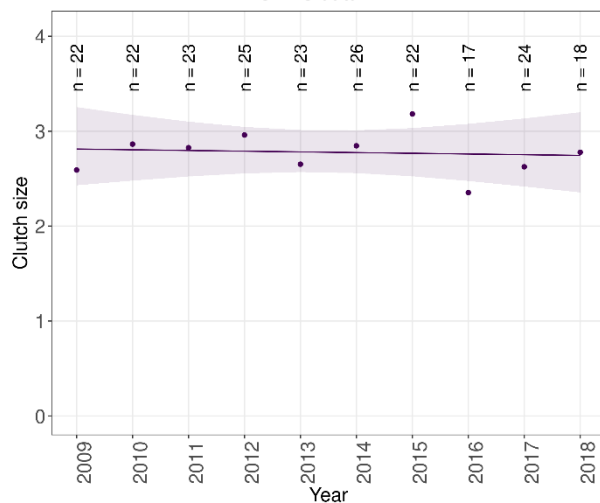
21. Moray Firth trend: Not significant

Trend in Success of Buzzard in 21. Moray Firth using SRMS data



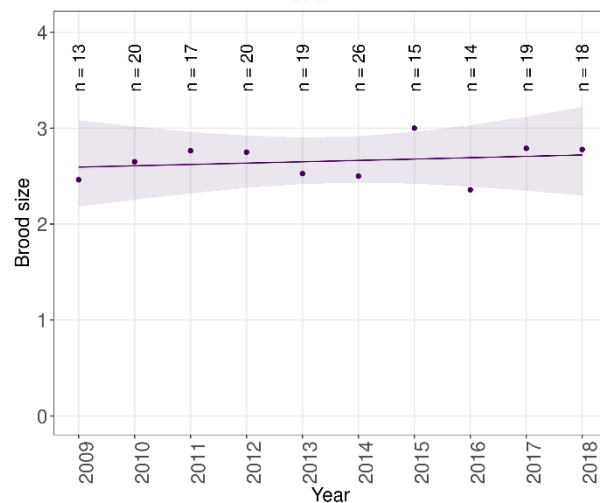
21. Moray Firth trend: Not significant

Trend in Clutch size of Buzzard in 21. Moray Firth using SRMS data



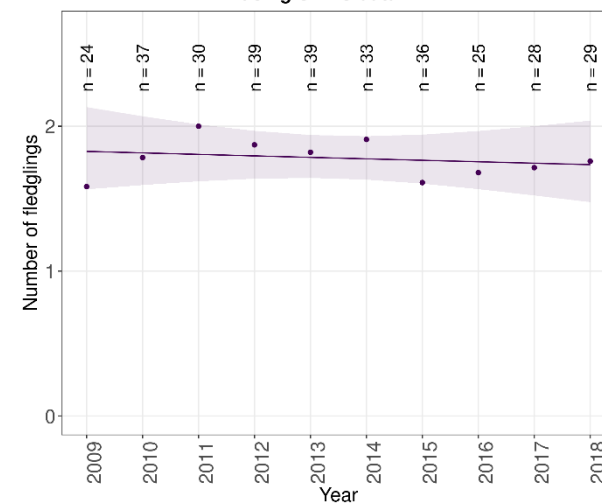
21. Moray Firth trend: Not significant (caveats: No home range random effect)

Trend in Brood size of Buzzard in 21. Moray Firth using SRMS data



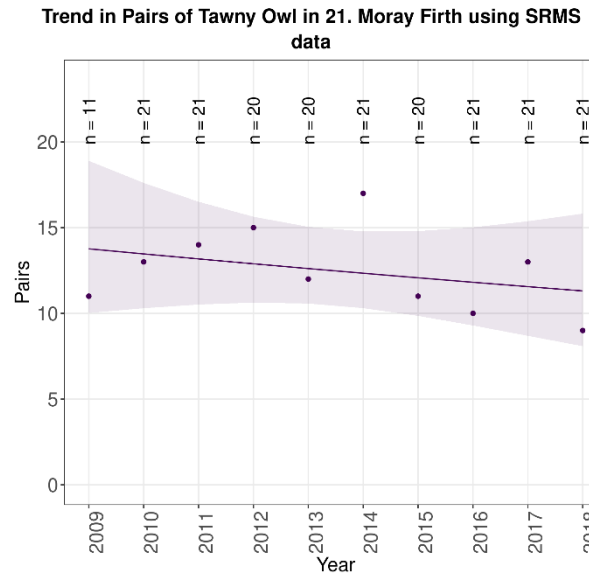
21. Moray Firth trend: Not significant (caveats: Sample sizes small)

Trend in Number of fledglings of Buzzard in 21. Moray Firth using SRMS data

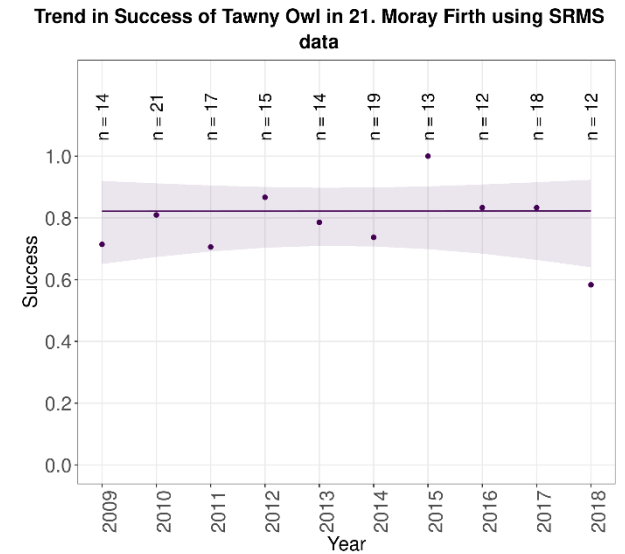


21. Moray Firth trend: Not significant (caveats: No home range random effect)

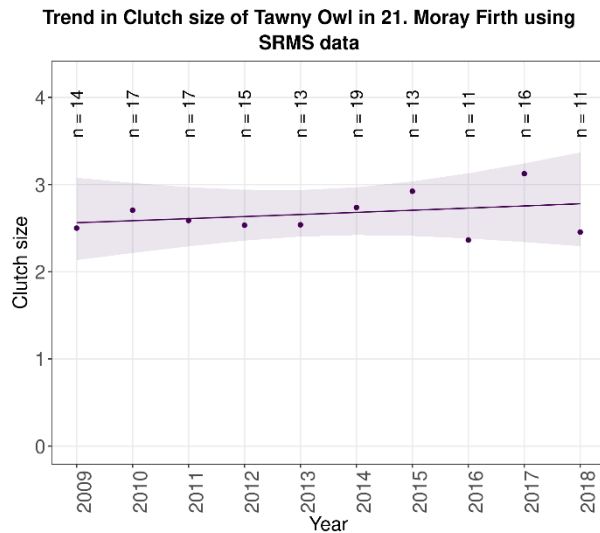
Figure 4: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Buzzard in NHZ 21. Moray Firth during 2009-2018.



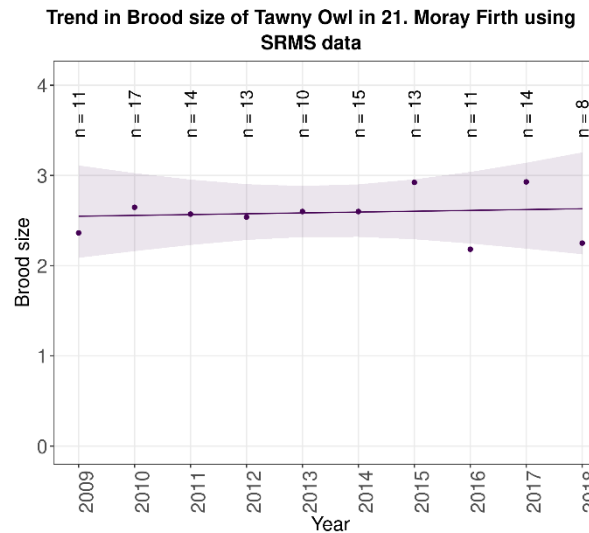
21. Moray Firth trend: Not significant



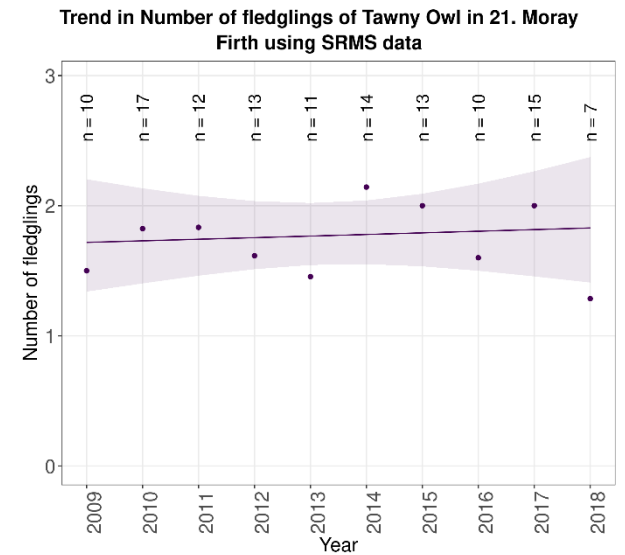
21. Moray Firth trend: Not significant (caveats: Sample-size small; Nestbox based;)



21. Moray Firth trend: Not significant (caveats: Nestbox based; Sample sizes small; No home range random effect;)



21. Moray Firth trend: Not significant (caveats: Nestbox based; Sample sizes small; No home range random effect;)



21. Moray Firth trend: Not significant (caveats: Nestbox based; Sample sizes small)

Figure 5: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Tawny Owl in NHZ 21. Moray Firth during 2009-2018.