NHZ 17. West Central Belt

Figure 1: NHZ 17.West Central Belt.

Trends in breeding numbers are available for three species and trends in breeding success for five of the 12 species for which the SRMS holds records for NHZ 17. West Central Belt (Table 1).

Hen Harrier

The number of breeding pairs showed no significant change. Trends are not available for breeding success, clutch size, brood size or the number of fledglings (Figure 2).

Buzzard

No trend is available for the number of breeding pairs but breeding success showed non-linear variation. Trends for clutch size, brood size and the number of fledglings showed no significant change (Figure 3).

Barn Owl

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 a significant decrease (-3%) (Figure 4).

Kestrel

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 5).

Peregrine

The number of breeding pairs and 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 6).

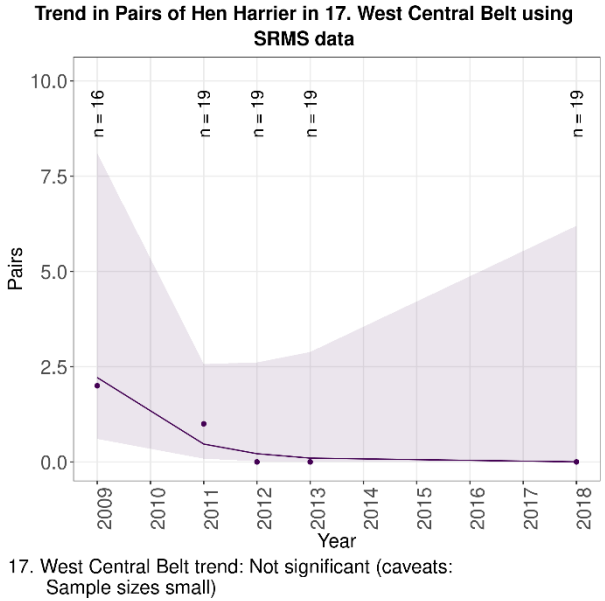
Raven

The number of breeding pairs and 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 7).

Table 1: Summary of SRMS trends for NHZ 17. West Central Belt 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. 'Absent' indicates where the species is not known to breed.

Species:	Pairs	Success	Clutch size	Brood size	Number of fledglings
Osprey	—	—	—	—	—
Golden Eagle	Absent	Absent	Absent	Absent	Absent
Sparrowhawk	—	—	—	—	—
Goshawk	—	—	—	—	—
Hen Harrier	Not significant [s]	—	—	—	—
Red Kite	—	—	—	—	—
White-tailed Eagle	Absent	Absent	Absent	Absent	Absent
Buzzard	—	Non-linear	—	—	Not significant [r]
Barn Owl	—	Not significant [nv]	—	—	**Decrease [nr] (-3%)**
Tawny Owl	—	—	—	—	—
Kestrel	—	Not significant [s]	—	—	Not significant [ns]
Merlin	—	—	—	—	—
Peregrine	Not significant	Not significant	—	—	Not significant [rs]
Raven	Not significant [v]	Not significant [r]	—	—	Not significant [r]

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



No trend available for breeding success

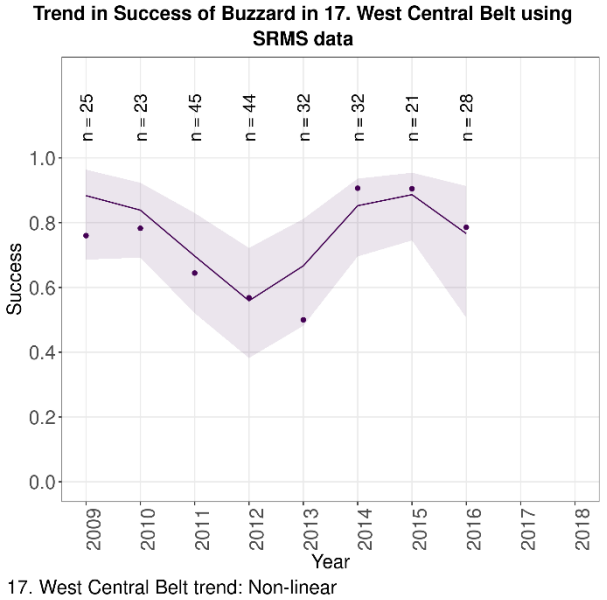
No trend available for clutch size

No trend available for brood size

No trend available for number of fledglings

Figure 2: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Hen Harrier in NHZ 17. West Central Belt during 2009-2018.

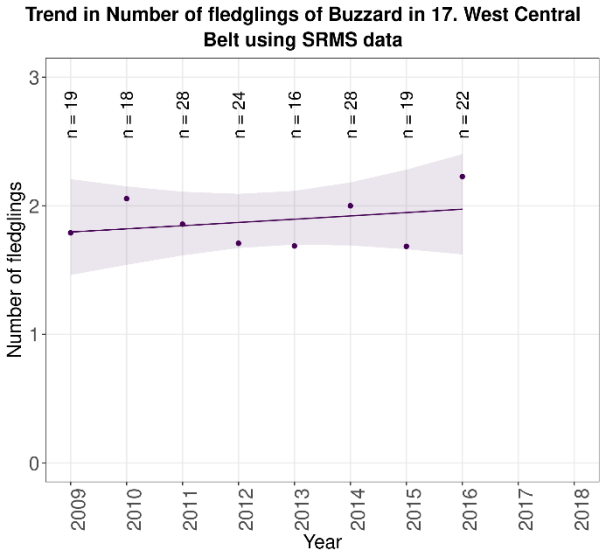
No trend available
for breeding pairs



17. West Central Belt trend: Non-linear

No trend available
for clutch size

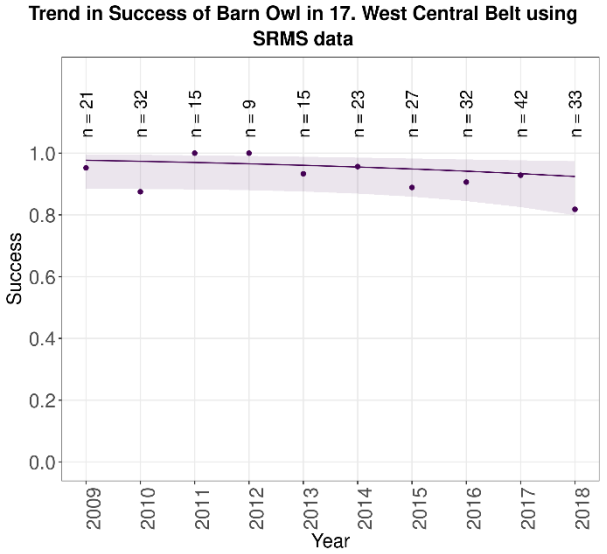
No trend available
for brood size



17. West Central Belt trend: Not significant (caveats: No home range random effect)

Figure 3: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Buzzard in NHZ 17. West Central Belt during 2009-2018.

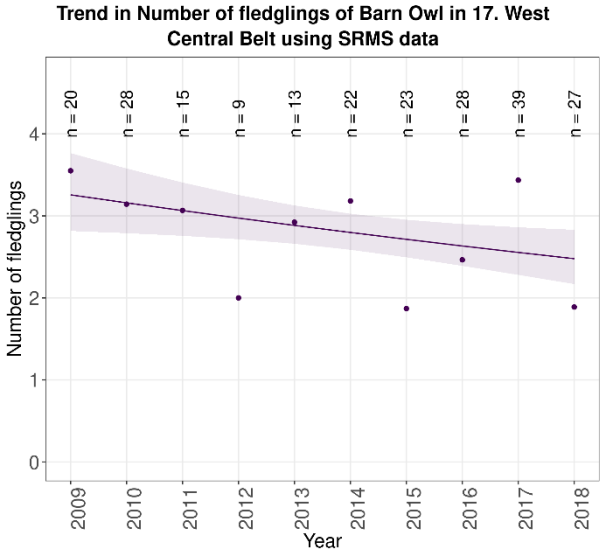
No trend available for breeding pairs



17. West Central Belt trend: Not significant (caveats: Nestbox based; Variable effort;)

No trend available for clutch size

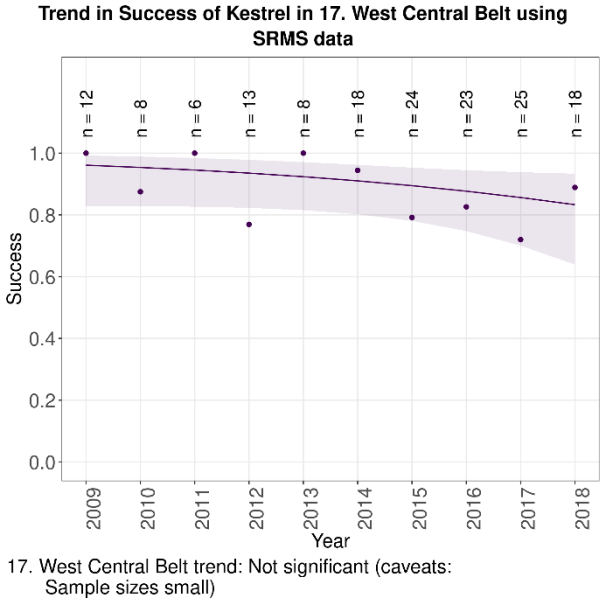
No trend available for brood size



17. West Central Belt trend: Decrease (caveats: Nestbox based; No home range random effect;)

Figure 4: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Barn Owl in NHZ 17. West Central Belt during 2009-2018.

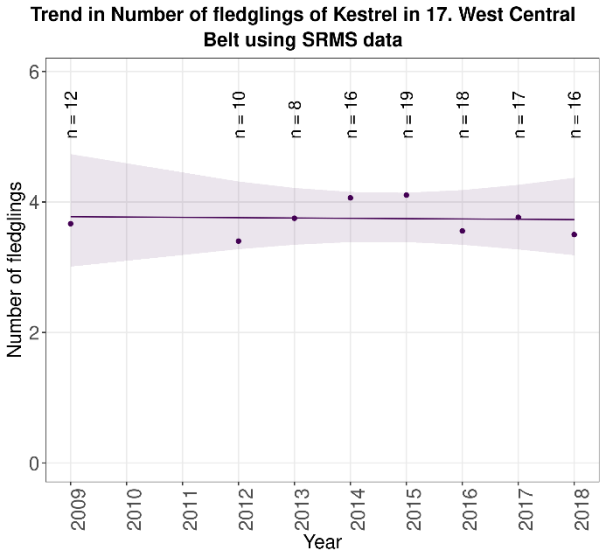
No trend available for breeding pairs



17. West Central Belt trend: Not significant (caveats: Sample sizes small)

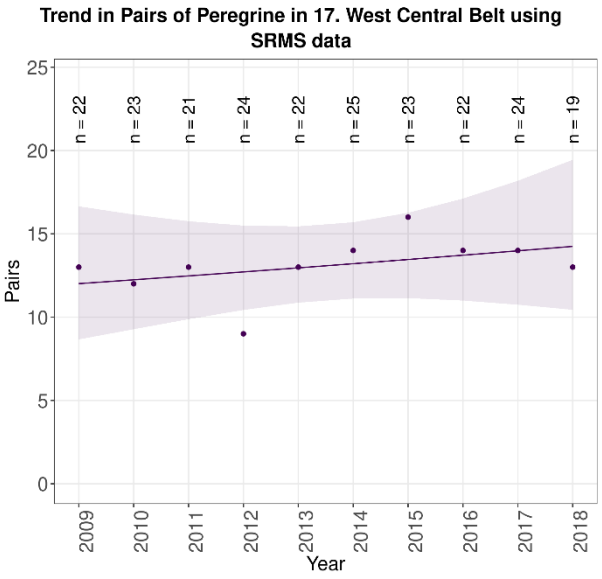
No trend available for clutch size

No trend available for brood size

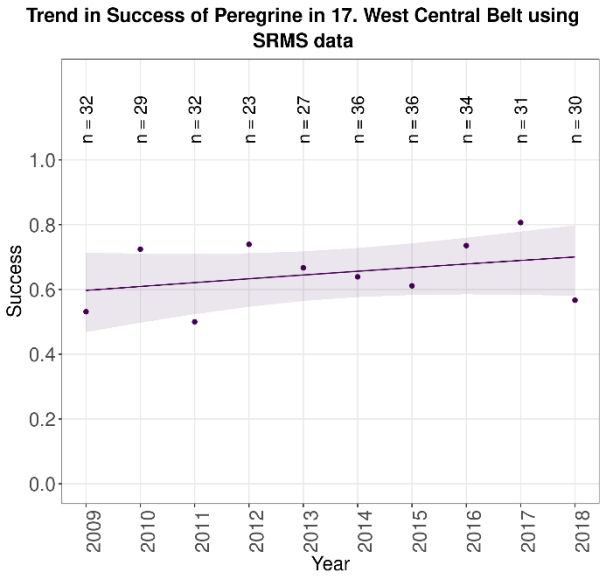


17. West Central Belt trend: Not significant (caveats: Nestbox based; Sample sizes small)

Figure 5: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Kestrel in NHZ 17. West Central Belt during 2009-2018.



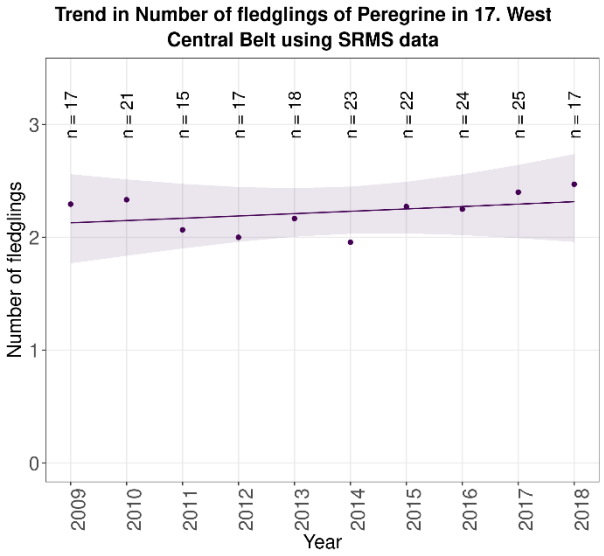
17. West Central Belt trend: Not significant



17. West Central Belt trend: Not significant

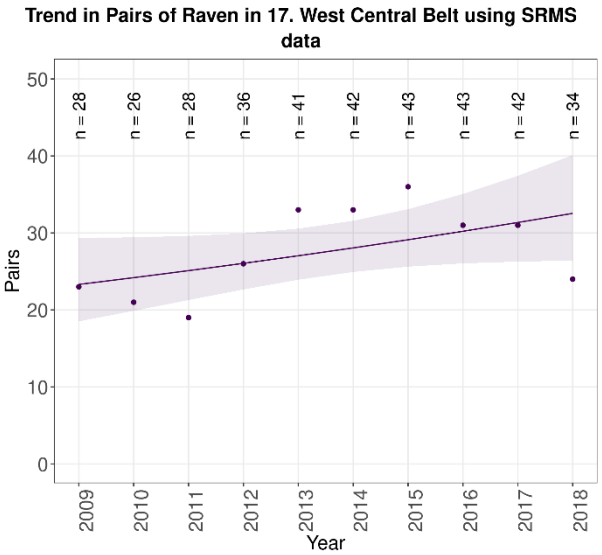
No trend available for clutch size

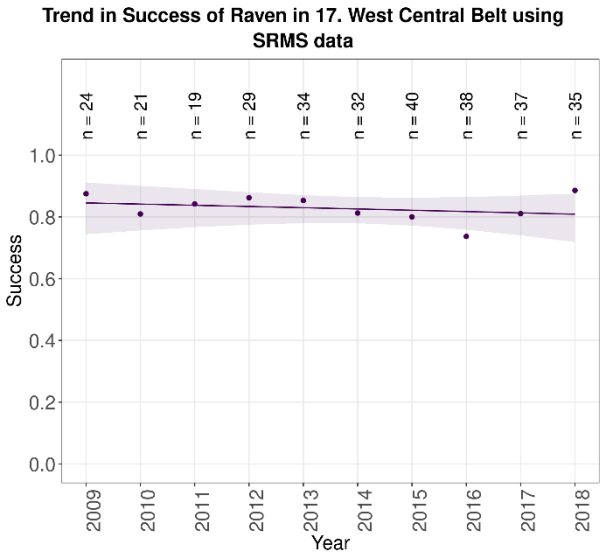
No trend available for brood size



17. West Central Belt trend: Not significant (caveats: Sample sizes small; No home range random effect)

Figure 6: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Peregrine in NHZ 17. West Central Belt during 2009-2018.





No trend available for clutch size

No trend available for brood size

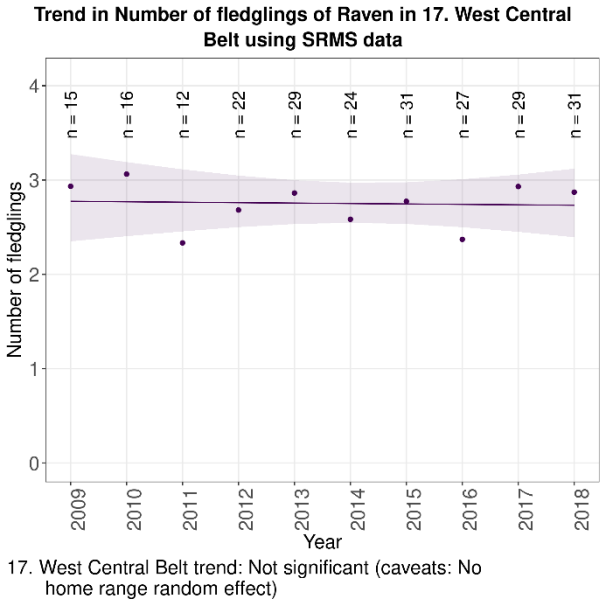


Figure 7: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Raven in NHZ 17. West Central Belt during 2009-2018.