

NHZ 15. Loch Lomand, The Trossachs and Breadalbane

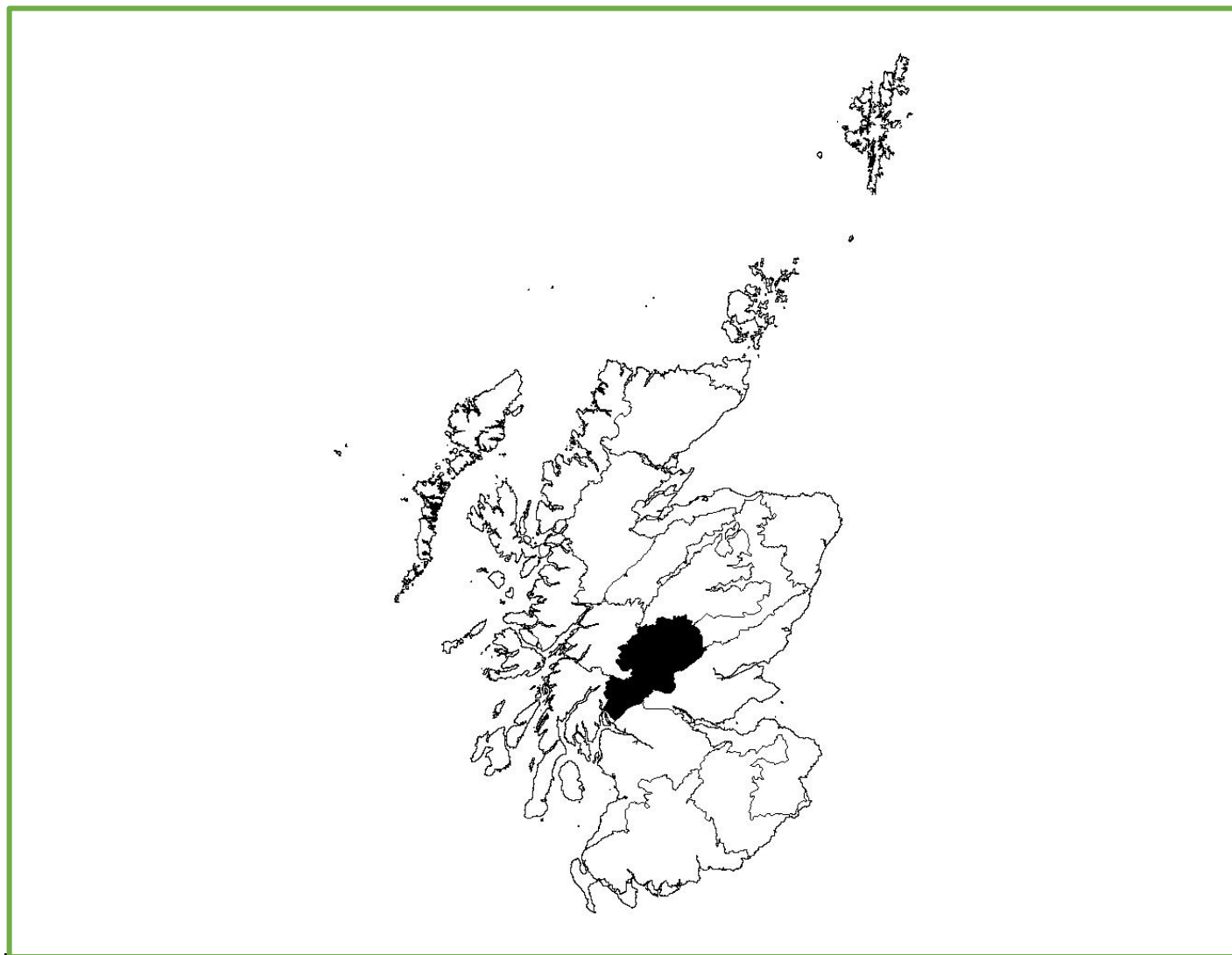


Figure 1: NHZ 15. Loch Lomand, The Trossachs and Breadalbane.

Trends in breeding numbers are available for six species and trends in breeding success for seven of the 13 species for which the SRMS holds records for NHZ 15. Loch Lomand, The Trossachs and Breadalbane (Table 1).

Osprey

No trend is available for the number of breeding pairs. 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 2).

Golden Eagle

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

Hen Harrier

The number of breeding pairs and breeding success showed no significant change. No trends are available for clutch size, brood size or the number of fledglings (Figure 4).

Red Kite

The number of breeding pairs and breeding success showed no significant change. No trends are available for clutch size, brood size or the number of fledglings (Figure 5).

Buzzard

The number of breeding pairs and breeding success showed no significant change. No trends are available for clutch size, brood size or the number of fledglings (Figure 6).

Peregrine

The number of breeding pairs decreased significantly (-11.1%) while breeding success showed no significant change. No trends are available for clutch size, brood size or the number of fledglings (Figure 7).

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 8).

Table 1: Summary of SRMS trends for NHZ 15. Loch Lomond, The Trossachs and Breadalbane 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	—	Not significant ^s	—	—	Not significant
Golden Eagle	Not significant ^s	Not significant ^s	—	—	—
Sparrowhawk	—	—	—	—	—
Goshawk	—	—	—	—	—
Hen Harrier	Not significant ^s	Not significant ^s	—	—	—
Red Kite	Not significant	Not significant ^{svx}	—	—	Not significant ^{sx}
White-tailed Eagle	—	—	—	—	—
Buzzard	Not significant ^s	Not significant	—	—	—
Barn Owl	—	—	—	—	—
Tawny Owl	—	—	—	—	—
Kestrel	—	—	—	—	—
Merlin	—	—	—	—	—
Peregrine	Decrease (-11.1%)	Not significant ^{rs}	—	—	—
Raven	Not significant ^v	Not significant	—	—	Not significant ^r

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

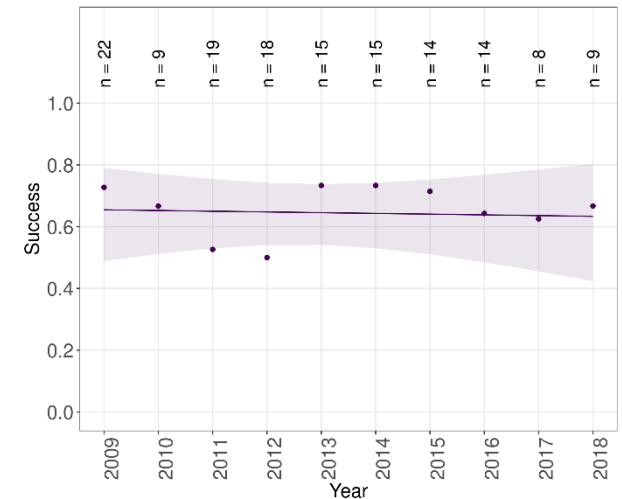


No trend available
for breeding pairs

No trend available
for clutch size

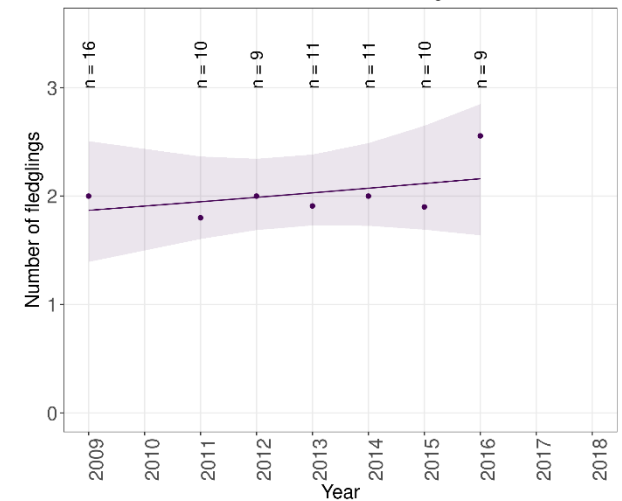
No trend available
for brood size

Trend in Success of Osprey in 15. Loch Lomond, The Trossachs and Breadalbane using SRMS data



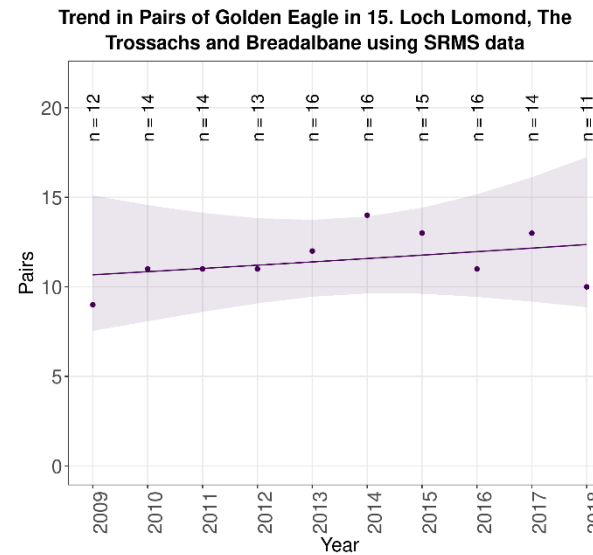
15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small)

Trend in Number of fledglings of Osprey in 15. Loch Lomond, The Trossachs and Breadalbane using SRMS data

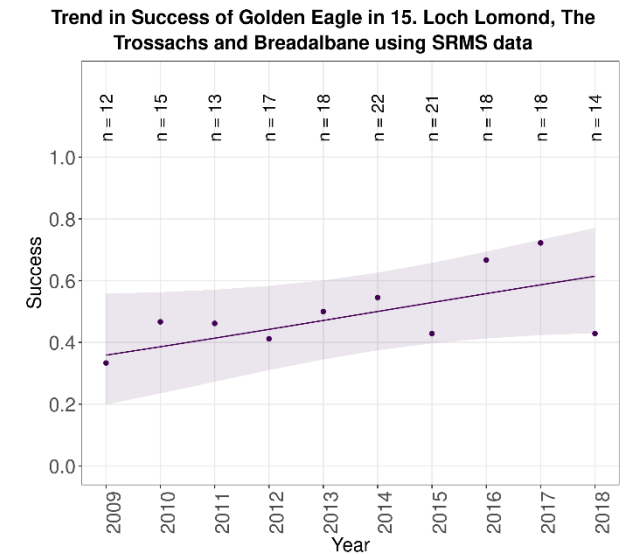


15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant

Figure 2: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Osprey in NHZ 15. Loch Lomond, The Trossachs and Breadalbane during 2009-2018.



15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small)



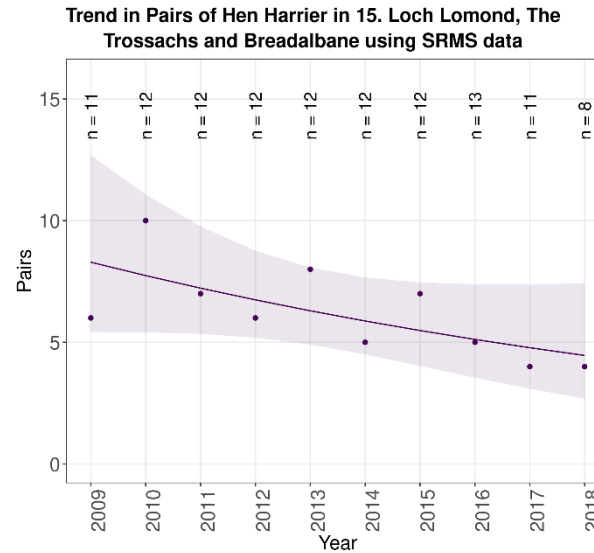
15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small)

No trend available
for clutch size

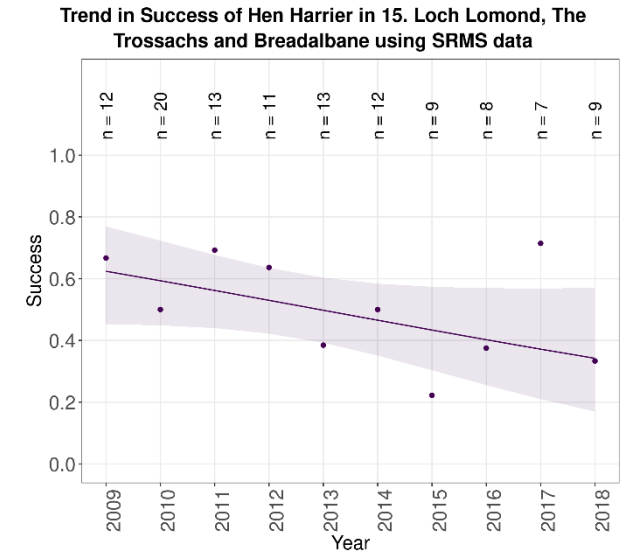
No trend available
for brood size

No trend available
for number of fledglings

Figure 3: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Golden Eagle in NHZ 15. Loch Lomond, The Trossachs and Breadalbane during 2009-2018.



15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small)



15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small)

No trend available
for clutch size

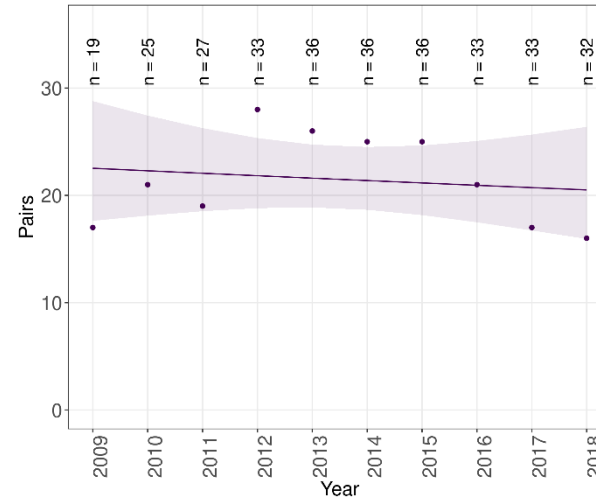
No trend available
for brood size

No trend available
for number of fledglings

Figure 4: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Hen Harrier in NHZ 15. Loch Lomond, The Trossachs and Breadalbane during 2009-2018.



Trend in Pairs of Red Kite in 15. Loch Lomond, The Trossachs and Breadalbane using SRMS data

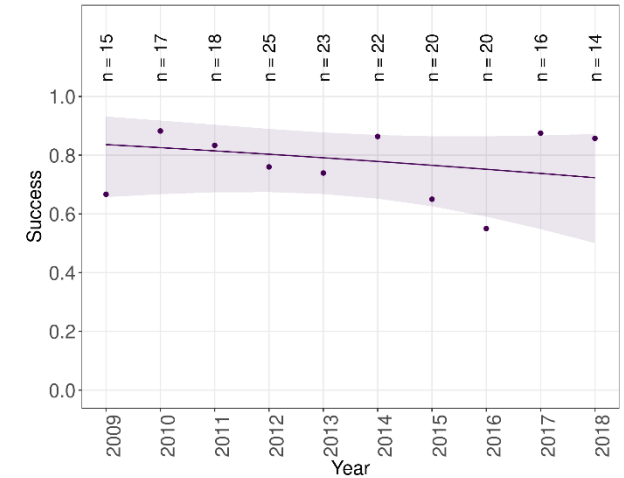


15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant

No trend available
for clutch size

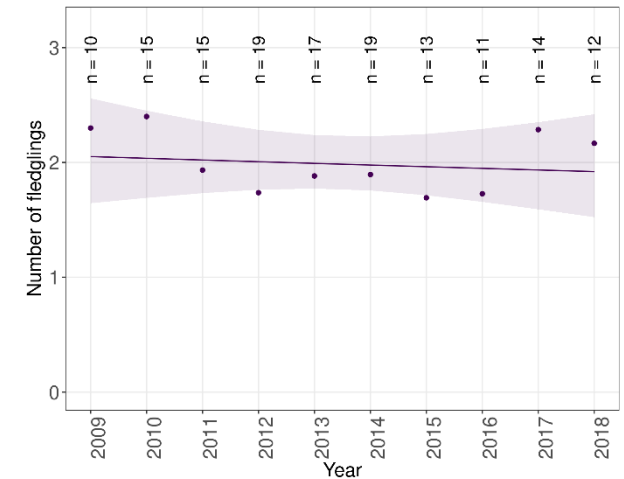
No trend available
for brood size

Trend in Success of Red Kite in 15. Loch Lomond, The Trossachs and Breadalbane using SRMS data



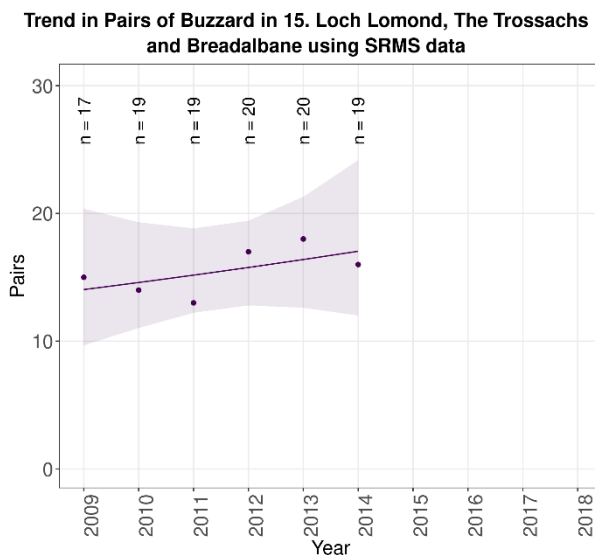
15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small; Variable effort; Expanding population)

Trend in Number of fledglings of Red Kite in 15. Loch Lomond, The Trossachs and Breadalbane using SRMS data

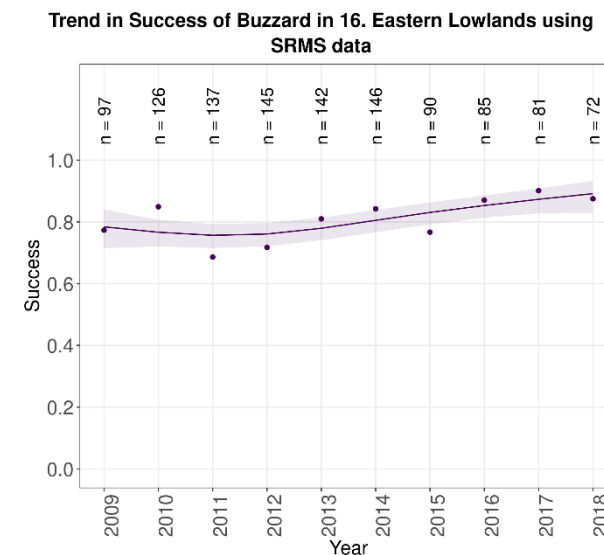


15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Expanding population; Sample sizes small)

Figure 5: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Red Kite in NHZ 15. Loch Lomond, The Trossachs and Breadalbane during 2009-2018.



15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small)



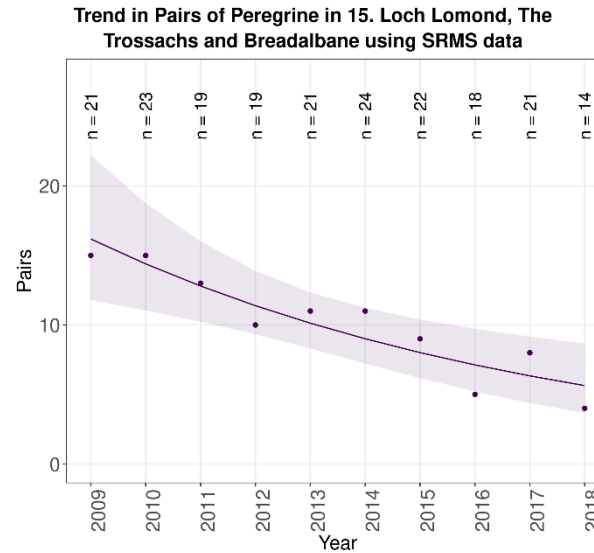
16. Eastern Lowlands trend: Non-linear (caveats: Variable effort)

No trend available
for clutch size

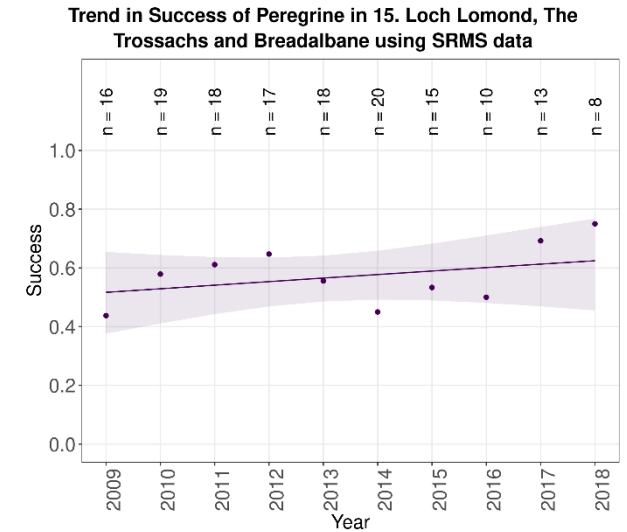
No trend available
for brood size

No trend available
for number of fledglings

Figure 6: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Buzzard in NHZ 15. Loch Lomond, The Trossachs and Breadalbane during 2009-2018.



15. Loch Lomond, The Trossachs and Breadalbane trend: Decrease



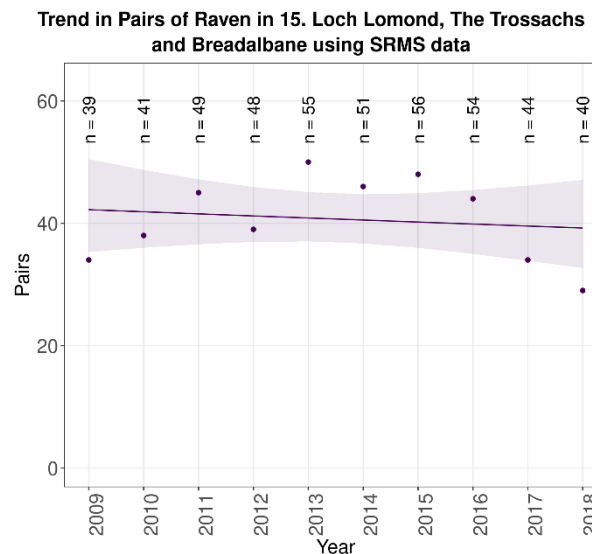
15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Sample sizes small; No home range random effect)

No trend available
for clutch size

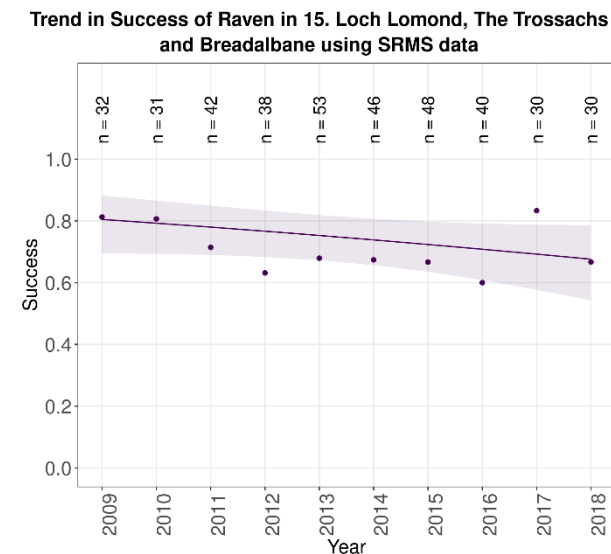
No trend available
for brood size

No trend available
for number of fledglings

Figure 7: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Peregrine in NHZ 15. Loch Lomond, The Trossachs and Breadalbane during 2009-2018.



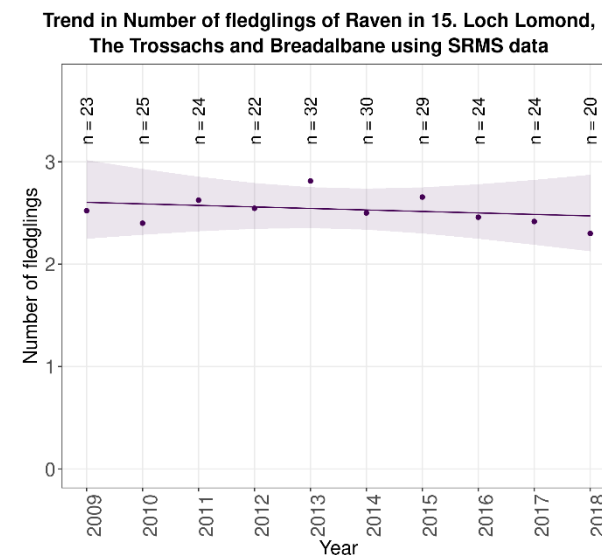
15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: Variable effort)



15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant

No trend available
for clutch size

No trend available
for brood size



15. Loch Lomond, The Trossachs and Breadalbane trend: Not significant (caveats: No home range random effect)

Figure 8: Trends in breeding pairs, success, clutch size, brood size and the number of fledglings of Raven in NHZ 15. Loch Lomond, The Trossachs and Breadalbane during 2009-2018.