RING OUZEL TERRITORIES AND FIRST-ARRIVAL DATE IN ROSEDALE 2022

Table 1: Status of territories in Rosedale in 2022

Territory	Confirmed		Probable		Possible		Remarks
	Early	Late	Early	Late	Early	Late	
East Mine					✓		Area visited on: 31/3, 9/4, 15/4, 16/4, 17/4, 20/4, 21/4, 26/4, 28/4, 30/4, 2/5, 12/5, 19/6. Activity noted on: 20/4 1m, 21/4 1m?, 26/4 4RZ, 28/4 1m, 30/4 1m, 2/5 m+f, 12/5 1m, 19/6 1f 2fleg 20/4 m singing. 26/4 seen between SB & EM. 28/4 4 passage birds. 12/5 RZ singing in Broomfield area. 19/6 female & two well grown fledglings behind derelicts seen flying well.
Sturdy Bank	✓			✓			Area visited on: 31/3, 9/4, 15/4, 16/4, 17/4, 22/4, 12/5, 25/5, 25/6, 2/7. Activity noted on: 31/3 1m, 9/4 m+f, 15/4 1m, 16/4 1m1f,17/4 m+f, 22/4 m+f, 12/5 m+f, 25/6 m+f. 16-17/4 nest building. 22/4 incubating. 26/4 4 eggs. 8/5 4 pulli. 12/5 4 pulli ringed. 19/5 pulli in nest. 25/5 nest empty, fledged. 2/6 pair feeding juveniles.
Nab Scar south					✓		Area visited on: 31/3, 9/4, 15/4, 17/4, 20/4, 22/4, 24/4, 27/4, 5/5, 10/5, 25/6, 2/7. Activity noted on: 31/3 3RZ, 17/4 5RZ, 22/4 m+f, 24/4 1m, 5/5 1f.
Nab Scar north	✓						Area visited on: 31/3, 9/4, 20/4, 22/4, 24,4, 27/4, 28/4, 2/5, 5/5, 10/5, 12/5, 15/5, 22/5, 25/5, 25/6. 2/7. Activity noted on: 20/4 1m, 1m, 24/4 1m, 27/4 2m, 28/4 1m 4RZ, 2/5 1f, 5/5 m+f,10/5 m+f, 15/5 1f, 25/5 m+f. 20/4 m singing. 28/4 4 passage birds. 2/5 nest 4 eggs. 8/5 4 eggs. 15/5 4 pulli. 19/5 3 pulli ringed. 25/5 male cf at nest. 5/6 fledged.
Reeking Gill south							Area visited on: 31/3, 9/4, 17/4, 20/4, 27/4, 25/6, 2/7. Activity noted on: 20/4 1m, 25/6 1m. 25/6 m 'on track & flew up bank with no real purpose'.
Reeking Gill quarry							Area visited on: 31/3, 9/4, 17/4, 20/4, 27/4. Activity noted on:
Reeking Gill	✓						Area visited on: 31/3, 9/4, 17/4, 20/4, 27/4, 10/5, 12/5, 15/5, 25/6, 2/7. Activity noted on: 31/3 1m, 17/4 m+f, 20/4 RZ, 12/5 1f, 15/5 1m 1f. 12/5 female flew to nest. 15/5 3+ pulli but nest inaccessible. 22/5 female feeding pulli. 5/6 juveniles south of gill, fledged.
Reeking Gill cutting	✓						Area visited on: 21/3, 20/4, 27/4, 10/5, 12/5, 2/6, 25/6. Activity noted on: 2/6. 12/5 chack heard on way through. 2/6 nest found with 4 pulli 4 days old. 5/6 4 pulli ringed. 10/6 4 pulli on nest, due to fledge.
Dalehead quarry area							Area visited on: 21/3, 20/4, 27/4, 10/5. Activity noted on:
Dalehead east	✓						Area visited on: 21/3, 20/4, 27/4, 10/5, 12/5, 15/5, 22/5, 25/6, 2/7. Activity noted on: 12/5 1m, 15/5 1m 1f. 12/5 m taking food into heather near pond. 15/5 3pulli ringed 1 egg. 22/5 fledged.
Dalehead							Area visited on: 21/3, 20/4, 27/4, 10/5, 25/6. Activity noted on: 25/6 1RZ.
Dalehead west							Area visited on: 21/3, 20/4, 27/4, 10/5, 25/6, 2/7. Activity noted on: 25/6 m+f.
Blakey Lion area					✓		Area visited on: 21/3, 20/4, 27/4, 10/5, 10/6, 25/6, 2/7. Activity noted on: 20/4 1m, 10/6 1m, 25/6 1RZ.
MattyCarr quarry area							Area visited on: 2/4, 20/4, 6/5, 17/5, 1/6, 13/6. Activity noted on:
MattyCarr south							Area visited on: 2/4, 20/4, 6/5, 17/5, 1/6, 13/6. Activity noted on:
Sledge Shoe	✓						Area visited on: 2/4, 20/4, 6/5, 17/5, 1/6, 13/6, 6/7. Activity noted on: 17/5 1m,13/6 1m 1f. 17/5 m singing & chacking. 13/6 nest with 2 pulli (10 days old). 6/7 nest had 1 un-hatched egg. Droppings close to nest indicated two fledged. First nest found at this territory.
Round Hill west			✓				Area visited on: 2/4, 20/4, 6/5, 17/5, 1/6, 13/6, 6/7. Activity noted on: 17/5 1m 1f. 17/5 m singing.
Round Hill east			✓				Area visited on: 2/4, 20/4, 6/5, 17/5, 1/6, 13/6, 6/7. Activity noted on: 20/4 1RZ, 6/5 1m 1f, 17/5 1m, 13/6 1juvenile. 17/5 m singing. 13/6 juvenile seen on track.
Round Hill south							Area visited on: 2/4, 20/4, 6/5, 17/5, 1/6, 13/6, 6/7. Activity noted on: 20/4 1m, 6/5 1m. 6/5 m seen flying from meadow with food into side quarry at RH east.
Sheriff's Pit north							Area visited on: 2/4, 20/4, 6/5, 1/6, 13/6, 6/7. Activity noted on:
Sheriff's Pit	✓	✓					Area visited on: 21/3, 2/4, 20/4, 1/6, 13/6, 6/7. Activity noted on: 21/3 1m, 20/4 1f, 13/6 1m 1f. 20/4 f seen leaving & entering shaft. 13/6 adults seen entering shaft with food. 6/5 pair on fence, male cf into shaft.
Sheriff's Pit south							Area visited on: 2/4, 20/4, 6/5, 1/6, 13/6, 6/7. Activity noted on:
Thorgill head							Area visited on: 11/5, 25,5, 1/6, 13/6, 6/7. Activity noted on:
Thorgill west			✓				Area visited on: 27/4, 11/5, 25/5, 1/6, 13/6, 6/7. Activity noted on: 27/4 2m 2f, 11/5 1m. 27/4 pairs seen moving between Thorgill quarry & Thorgill west & male singing below sheep fold.
Thorgill quarry area			✓				Area visited on: 27/4, 11/5, 25/5, 1/6, 13/6. Activity noted on: 27/4 2m 2f, 13/6 1m. 27/4 pairs seen moving between Thorgill quarry & Thorgill west & male singing in quarry. 13/6 male on & foraging below cairn (observed from Thorgill west sheep fold).
Hob Crag quarry area							Area visited on: 27/4, 11/5, 25/5, 7/6. Activity noted on: 27/4 1m.
Bank Top area	✓						Area visited on: 8/4, 27/4, 11/5, 25/5, 1/6, 7/6. Activity noted on: 8/4 1m, 1/6 1RZ, 7/6 1Juvenile. Keeper reported RZ seen at BT during April & May. 1/6 1RZ reported being seen on wall just west of Bank Top cottages.
Spindle Thorn area			✓				Area visited on: 8/4, 27/4, 7/6. Activity noted on: 8/4 1m, 27/4 1m 1f, 7/6 1m. 7/6 m seen flying over road from east to west side.
Pen Wash	✓			✓			Area visited on: 7/6, 13/7. Activity noted on: 7/6 m+f & 2+ fledgling, 13/7 m+f 1Juvenile. 7/6 both adults seen taking food to fledglings. 13/7 m+f by sheep fold & Juv flushed near bridge.
TOTAL	9	1	5	2	3	0	

BTO criteria used as guide in assessing territory status.

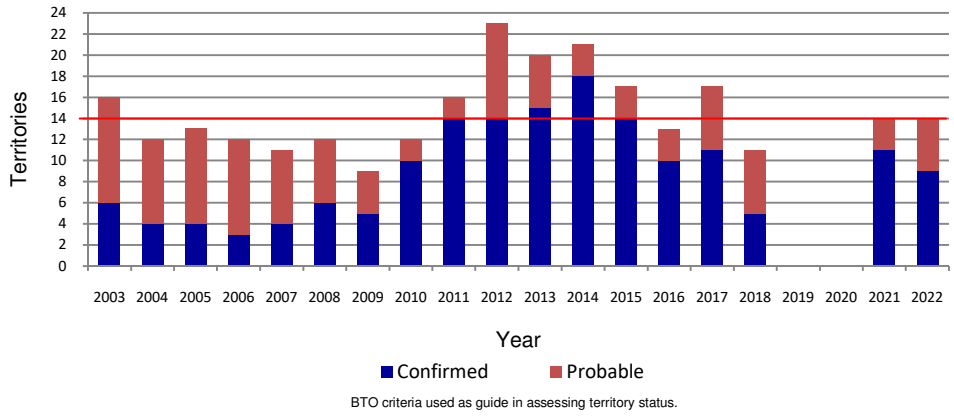

Fig. 1 Confirmed and Probable territories recorded in the Rosedale area of the North York Moors from 2003 to 2022 – long-term average shown by red line (data not available for 2019 and 2020)

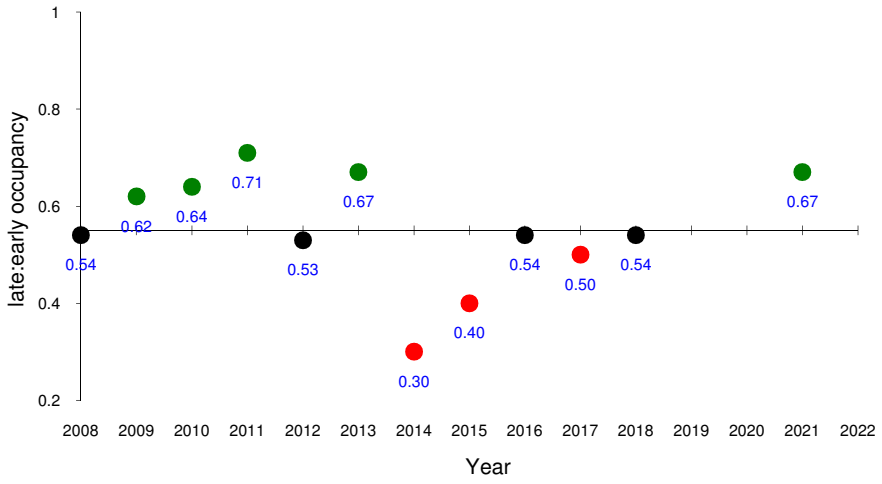

Fig. 2 Annual ratio of late to early territory occupancy for the Rosedale area of the North York Moors from 2008 to 2022 relative to 12-year mean of 0.55 (data not available for 2019, 2020 & insufficient for 2022)

Markers coloured green, black and red show values that are above, near or below the 12-year mean, respectively.

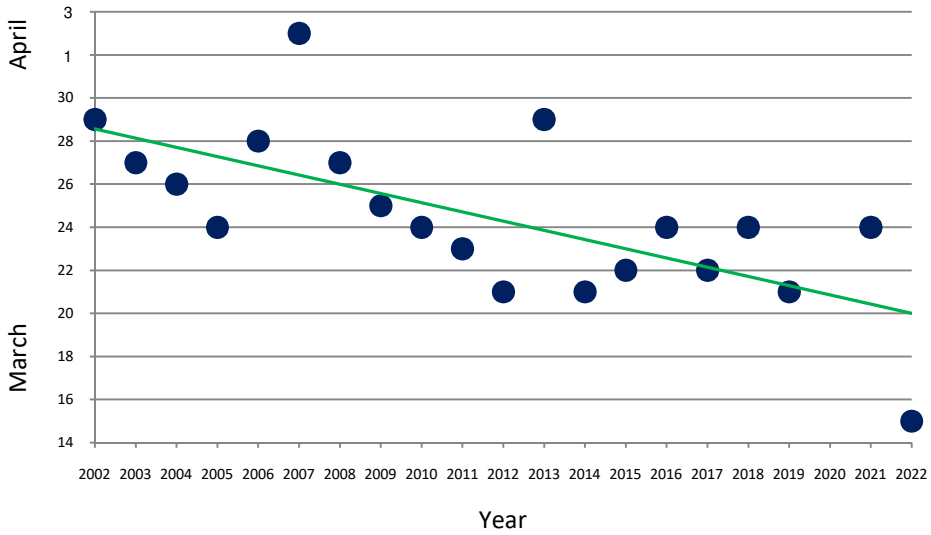

Fig. 3 First-arrival date and 20-year trend for the Rosedale area of the North York Moor from 2002 to 2022 (data not available for 2020)