

County Durham Bird Counts



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2007 - 2019



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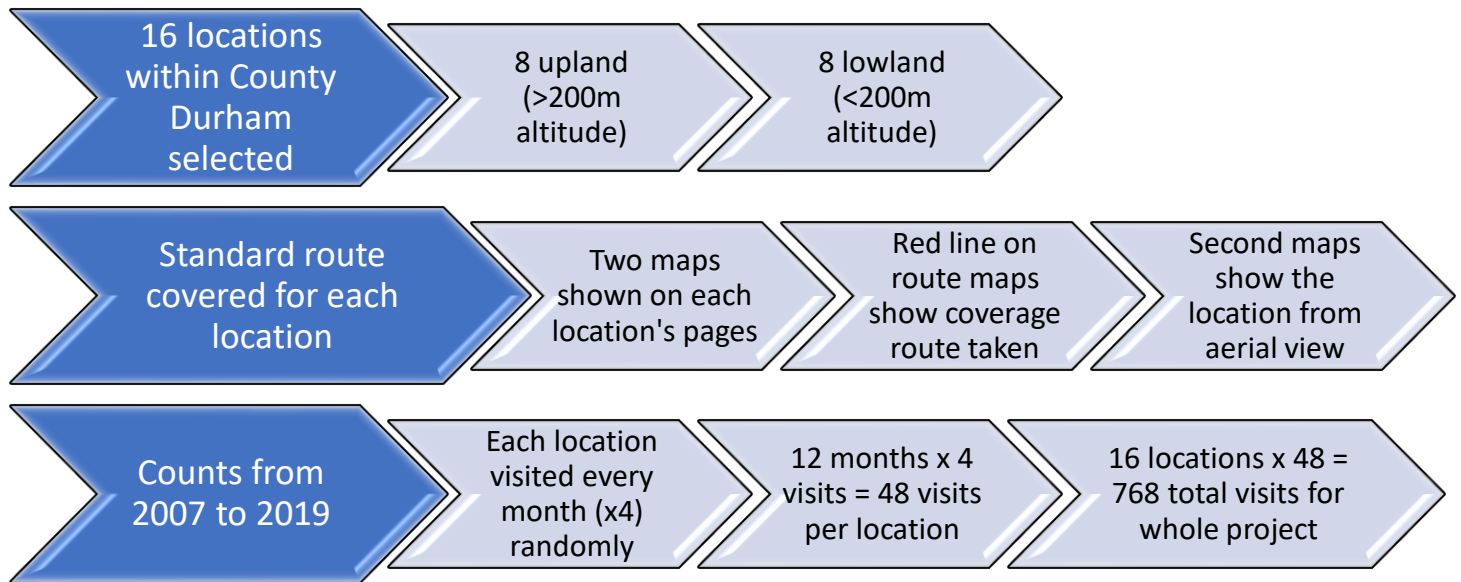
Statistics for each species

- Specific data for all species

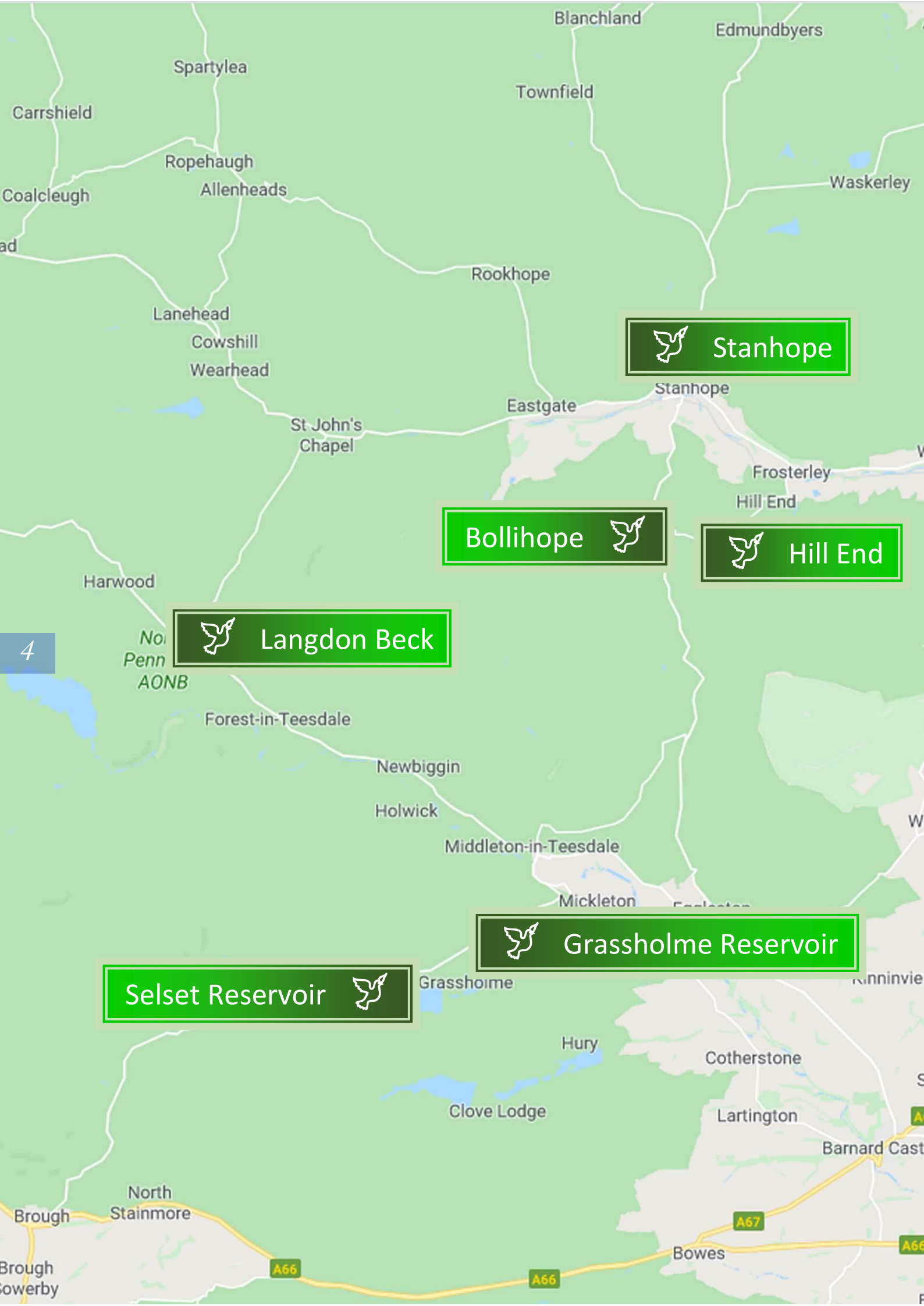
Comparative data for similar species

- Data for similar species
- Abundance of all species by year totals and peak counts

Locations of Counts



16 locations		Page	ALTITUDES of routes covered (metres)			Location of start of routes
			Lowest	Highest	Average	OS position
Lowland	Pagebank	6	46	53	50	NZ 233 355
	Brasside Ponds	10	58	63	60	NZ 289 452
	Butterby	14	36	93	65	NZ 266 378
	Langley Moor	18	56	94	75	NZ 255 408
	Low Barns	22	81	86	83	NZ 159 522
	Tollhouse	26	64	105	85	NZ 258 425
	Witton Castle	30	84	106	95	NZ 147 307
	Crowtrees Quarry	34	119	175	147	NZ 336 375
Upland	Tunstall Reservoir	38	217	245	231	NZ 063 408
	Black Bank	42	201	277	239	NZ 099 351
	Hill End	46	224	290	257	NZ 005 349
	Stanhope	50	234	333	283	NY 990 400
	Grassholme Reservoir	54	273	334	304	NY 928 216
	Bollihope	58	273	373	323	NY 985 351
	Selset Reservoir	62	315	356	336	NY 917 215
	Langdon Beck	66	373	482	428	NY 852 314



 Stanhope

Bollihope 

 Hill End

 Langdon Beck

 Grassholme Reservoir

Selsset Reservoir 

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 Tunstall Reservoir

Brasside Ponds 

Tollhouse area 

Langley Moor 

Butterby 

 Black Bank

Pagebank 

Crowtrees Quarry 

Witton Lakes 

 Low Barns

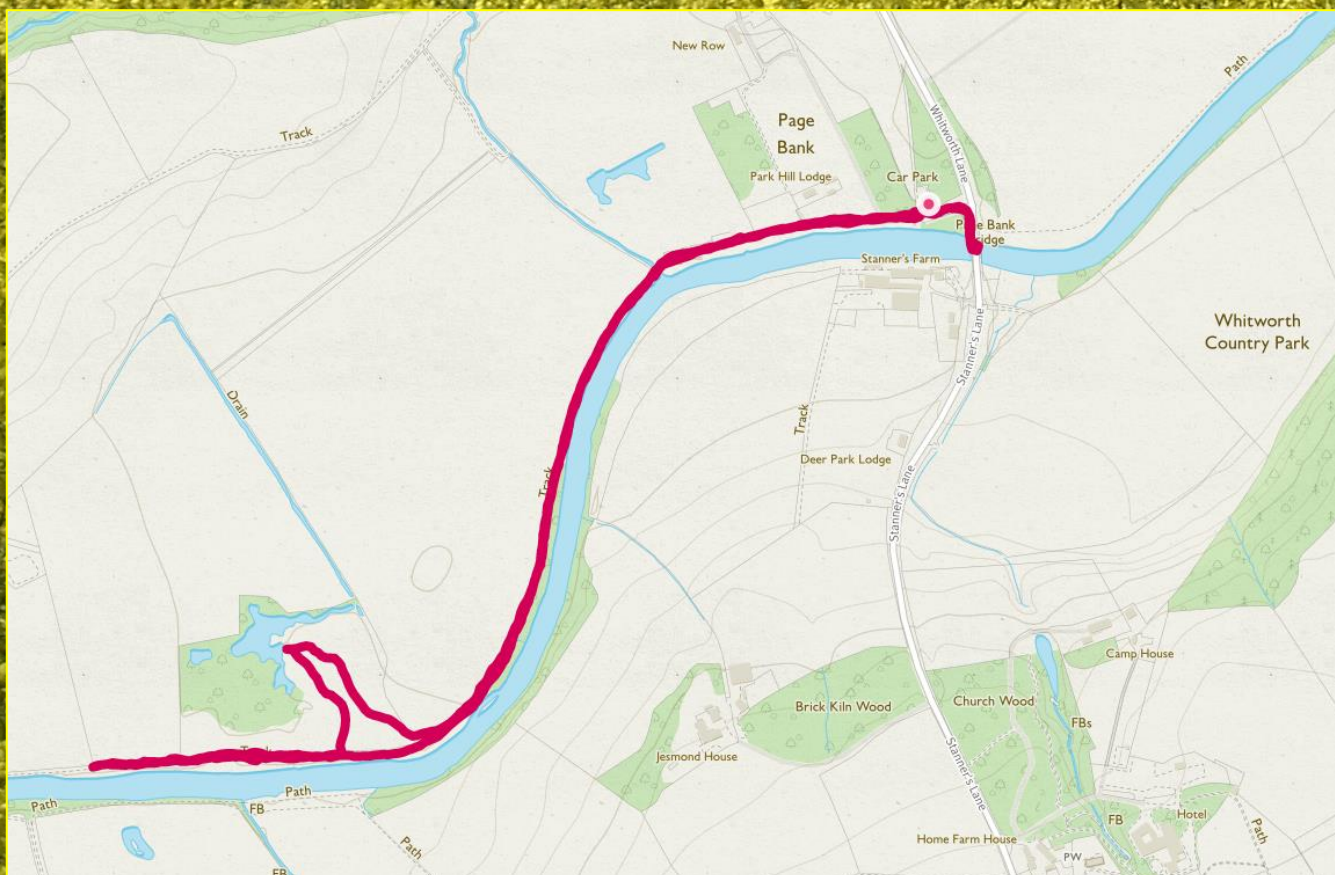
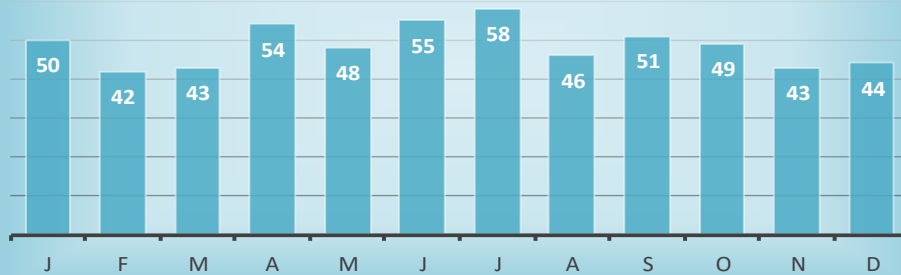
Pagebank

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Pagebank - total number of species per month



NOTABLE SPECIES - Pagebank	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Goosander	6	4	4	3			18		6	1	8	6
Partridge, Red-legged							2		25			
Plover, Golden										24		
Lapwing		57		1		2	5	13	386	720	78	86
Dove, Stock	42	50	10	3		1	5				50	10
Martin, Sand				20	30	45	40	16	50			
Wagtail, Yellow					2	2			6			
Dipper	2	1	1	2	1			1	2		3	1
Fieldfare	60										7	17
Redwing	110	3	3							22	8	12
Flycatcher, Spotted							1	3				
Tit, Willow			2	1		1			2	1	1	
Rook	23	18	28	35	22	8	21	17	50	90	84	35
Greenfinch	1	2	1	7	3	1	4	6	6	3	20	

Counts shown are peak monthly

Counts shown are peak monthly												
Greenfinch	1	2	1	7	3	1	4	6	6	3	20	
Rook	23	18	28	35	22	8	21	17	50	90	84	35
Tit, Willow			2	1		1			2	1	1	
Flycatcher, Spotted							1	3				
Redwing	110	3	3							22	8	12
Fieldfare	60										7	17
Dipper	2	1	1	2	1			1	2		3	1
Wagtail, Yellow					2	2			6			
Goosander	6	4	4	3			18		6	1	8	6
Partridge, Red-legged							2		25			
Plover, Golden										24		
Lapwing		57		1		2	5	13	386	720	78	86
Dove, Stock	42	50	10	3		1	5				50	10
Martin, Sand				20	30	45	40	16	50			



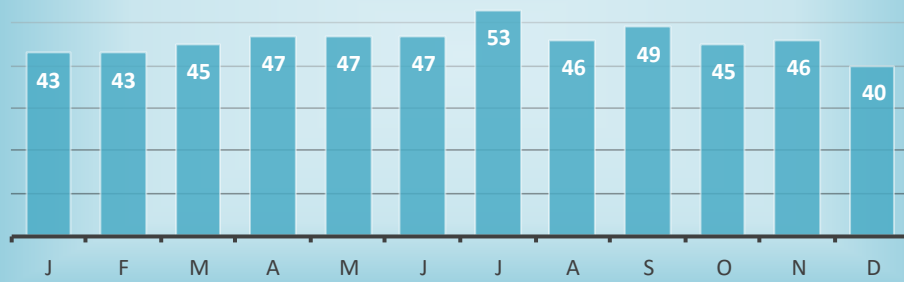
Brasside Ponds

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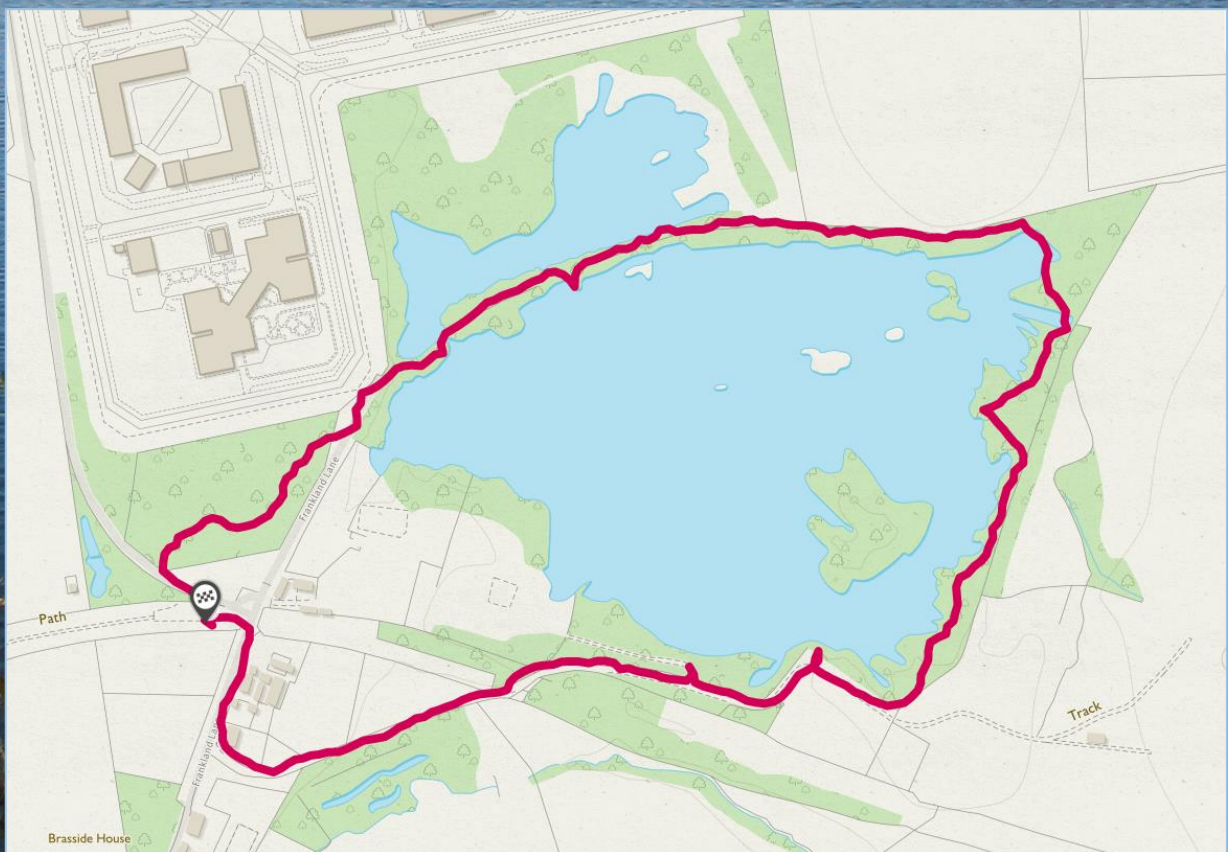




Brasside Ponds - total number of species per month



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NOTABLE SPECIES - Brasside	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Swan, Mute	39	61	34	24	54	68	90	64	27	18	28	58
Swan, Whooper										2		
Duck, Mandarin								1		2		
Gadwall											2	5
Pochard, Red-crested											1	
Pochard	2	2		2			2	1		1	14	7
Duck, Tufted	76	47	25	47	13	9	45	44	49	63	140	48
Goldeneye	15	13	6	3		1			1		3	7
Grebe, Little	2	6	5	5	3	6	12	12	10	7	10	3
Grebe, Great-crest			2	3	1	2	6	4	1			
Coot	147	80	56	41	22	38	94	90	112	116	209	155
Martin, Sand			16	60	45	30	30	10	30			
Redwing		20								38	28	3
Chiffchaff			3	7	9	8	5	5	16	1		
Tit, Willow		3	2	1		1	2	1	1		2	
Greenfinch	2	5		1			2	2		2	2	2
Bullfinch	6	5	2	2	1	2	2	2	7	3	6	4

Counts shown are peak monthly

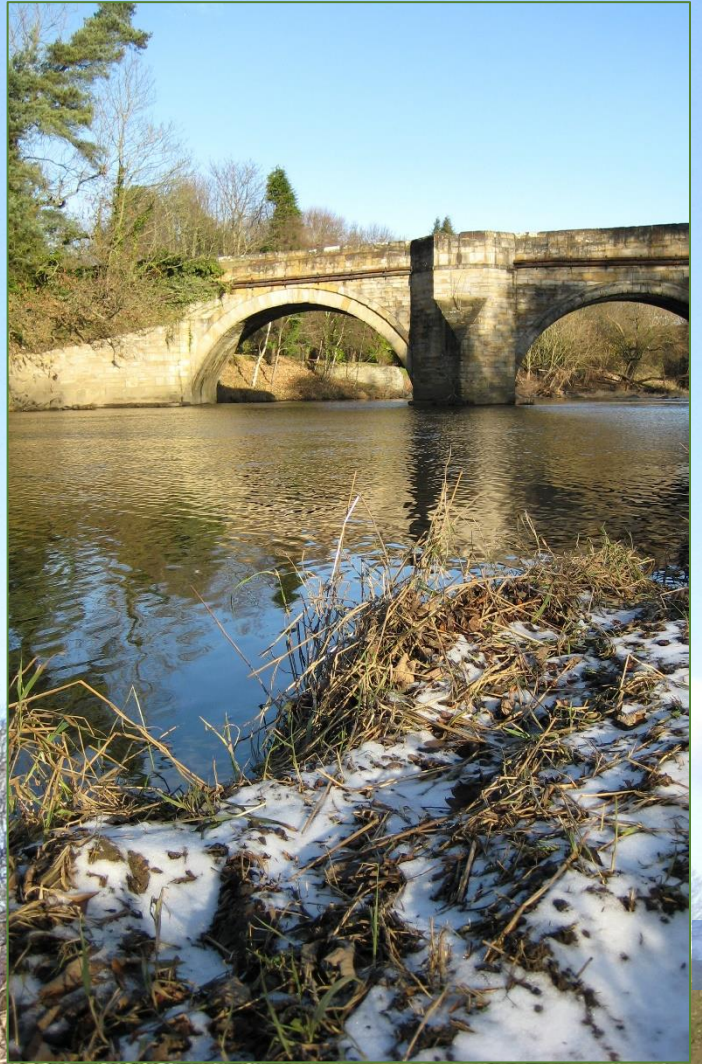
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bullfinch	6	5	2	2	1	2	2	2	7	3	6	4
Greenfinch	2	5		1			2	2		2	2	2
Tit, Willow		3	2	1		1	2	1	1		2	
Chiffchaff			3	7	9	8	5	5	16	1		
Redwing		20								38	28	3



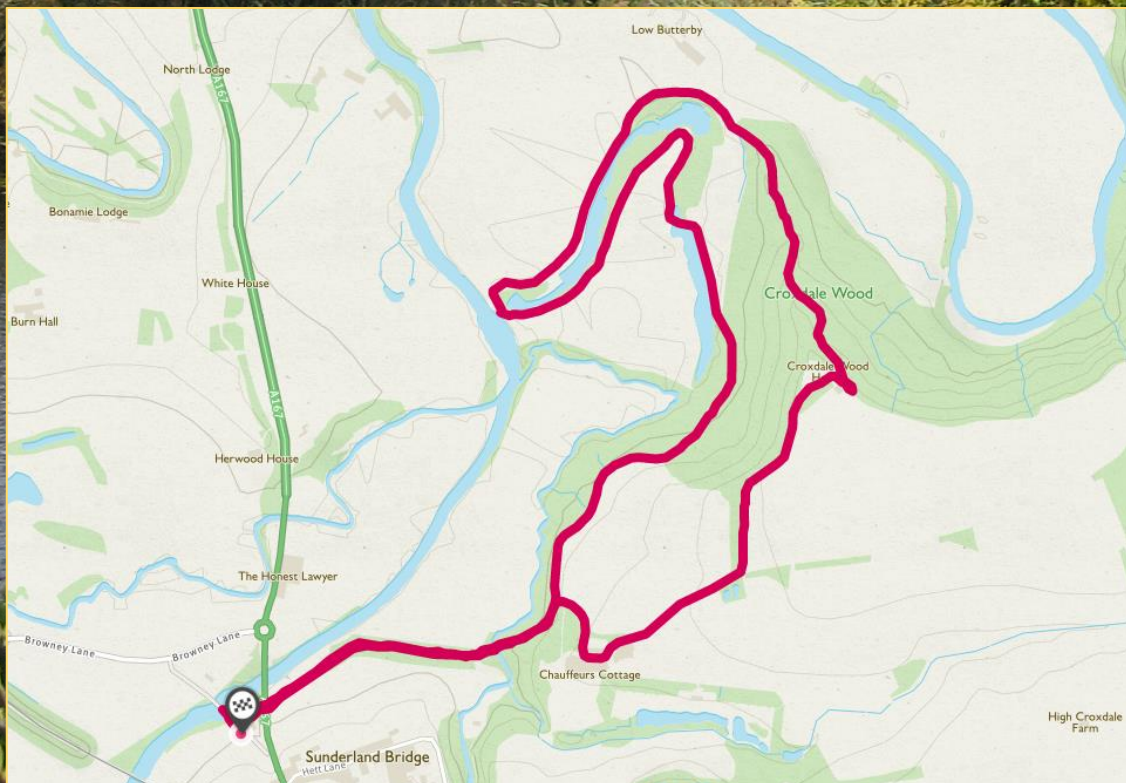
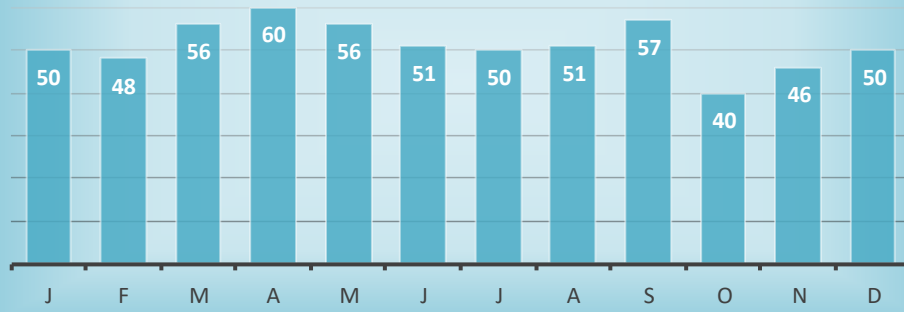
Butterby (& Sunderland Bridge)

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Butterby - total number of species per month



NOTABLE SPECIES - Butterby	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Goose, White-fronted			1									
Goose, Pink-footed	1		4									
Pintail							1					
Goosander	3	2	5	2	2					2	1	1
Kite, Red								1				
Buzzard	1	1	2	1		1	1	1	3	1	2	
Rail, Water	1	1	1		1		1				1	1
Curlew			16	1	1				1		95	
Sandpiper, Green												2
Owl, Little	1		1	1			1					1
Kingfisher			2		1	1		1	1			
Woodpecker, Gt-sp	3	4	6	9	6	6	4	7	3	1	3	6
Dipper	1	1	2	2	1	1		1	2		3	1
Fieldfare	2	60	113								25	13
Redwing	36	44	23								100	86
Warbler, Sedge					7	6	7	2				
Warbler, Reed					5	5	4	6				
Whitethroat, Lesser						2						
Flycatcher, Spotted						3	2	4	1			
Nuthatch	8	9	9	7	5	5	11	5	7	6	7	10
Treecreeper	2	2	3	2	2	1		5	1		2	4
Rook	6	30	30	30	20	5			15	9	40	25
Greenfinch	2	1	1	4	2	4	2	1	6		1	6
Siskin	2	1	38	21					26		19	10
Redpoll, Lesser	8		1	16					13		2	
Crossbill, Common		5	18	1					6	1		
Hawfinch	1											
Bunting, Reed		1	7	2	6	9	15	1				6

Counts shown are peak monthly

Counts shown are peak monthly												
Bunting, Reed		1	7	2	6	9	15	1				6
Hawfinch	1											
Crossbill, Common		5	18	1					6	1		
Redpoll, Lesser	8		1	16					13		2	
Siskin	2	1	38	21					26		19	10
Greenfinch	2	1	1	4	2	4	2	1	6		1	6
Rook	6	30	30	30	20	5			15	9	40	25



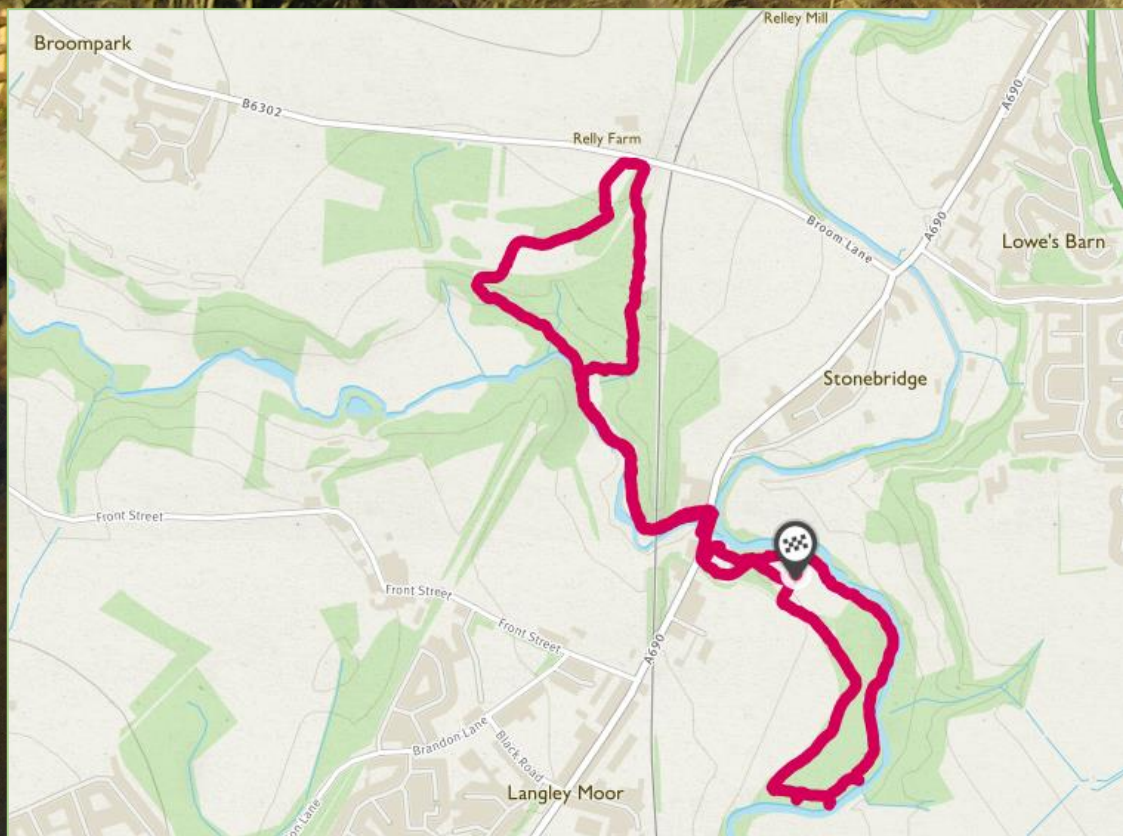
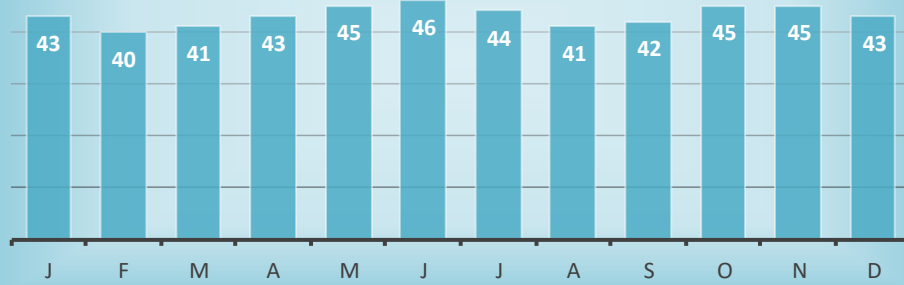
Langley Moor

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Langley Moor - total number of species per month



NOTABLE SPECIES - Langley Moor	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Egret, Little									1	1		
Woodcock											1	
Owl, Tawny				1								
Kingfisher	1	2	2	1		1	1	1	3	1	1	1
Woodpecker, Gt-sp	3	6	3	2	2	2	2	1	2	2	2	2
Martin, Sand				7	23	12	4	10				
Martin, House						1	5	4	30			
Wagtail, Grey	1	3	2	2	1	3	1	8	3	2	2	1
Dipper	2	2	1	2	1	1	1	3		4	3	2
Thrush, Song	5	14	6	8	7	6	9		2	9	1	4
Redwing	4	13		4						7	42	75
Thrush, Mistle	3	1	4	4	3	2	3	1	2	6	2	3
Blackcap				4	13	7	10	2	4	1		
Whitethroat					5	4	5	6				
Chiffchaff			2	15	10	9	8	5	9	5	1	
Tit, Willow	2	1	4		1		1	2	3	2		1
Nuthatch	3	2	4	3		4	2	2	2	1	1	2
Treecreeper	2			1	1		3	1			1	2

Counts shown are peak monthly

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Treecreeper	2			1	1		3	1			1	2
Nuthatch	3	2	4	3		4	2	2	2	1	1	2
Tit, Willow	2	1	4		1		1	2	3	2		1
Chiffchaff			2	15	10	9	8	5	9	5	1	
Whitethroat					5	4	5	6				
Blackcap				4	13	7	10	2	4	1		



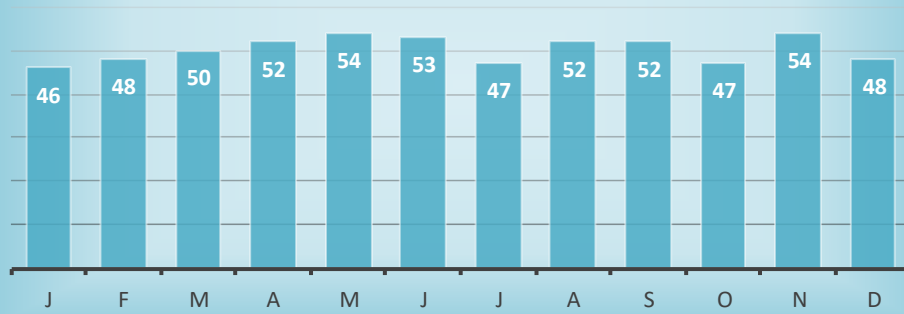
Low Barns Nature Reserve

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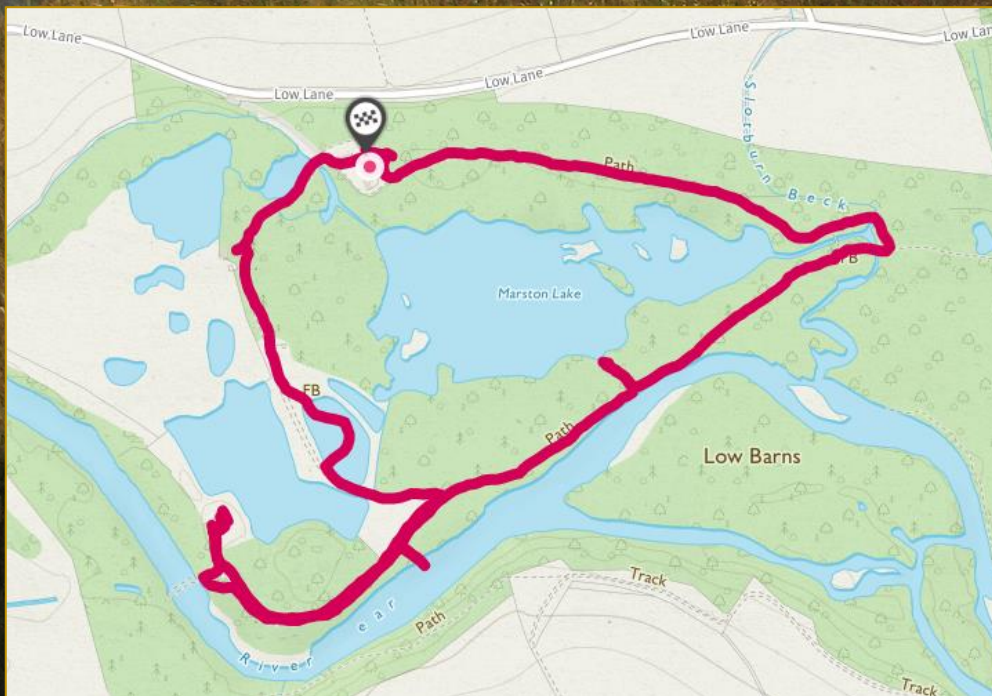




Low Barns - total number of species per month



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NOTABLE SPECIES - Low Barns	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Swan, Whooper											8	
Duck, Mandarin												1
Gadwall	5		4						10		20	
Duck, Tufted	20	20	9	18	23	11	12	9	11	12	22	20
Goldeneye	2	4	3	2						2	8	6
Goosander	4	5	1	4	5		10		3	2	1	
Grebe, Little		1	2	2	1	1	8	2	1	5	2	
Grebe, Great-crest			3	1	2	2						
Egret, Little			1								1	
Rail, Water	1								1		1	
Coot	15	37	17	10	7	6	22	25	27	7	80	47
Oystercatcher		14	2	3	3	3	4	3				
Lapwing					1			5	300	65		
Sandpiper, Green								2				
Owl, Barn			1									
Owl, Tawny										2		
Woodpecker, Green		1	1	2			1			1		
Warbler, Sedge					8	4	4	3				
Warbler, Reed					8	4	7	1	1			
Blackcap				12	9	9	9	3				
Warbler, Garden					6	7	1	1				
Chiffchaff			3	14	7	6	10	2	4	4		
Warbler, Willow				10	12	7	7	3				
Tit, Marsh	2	1		2	1	2	2	1	1	2	3	3
Nuthatch	5	4	2	5	2	1	6	1	2	2	6	3
Treecreeper	2			4	1		3			1	2	1
Siskin	24	65	2						33	9	30	86
Bunting, Reed	2	2	4	4	5	5	10	5				

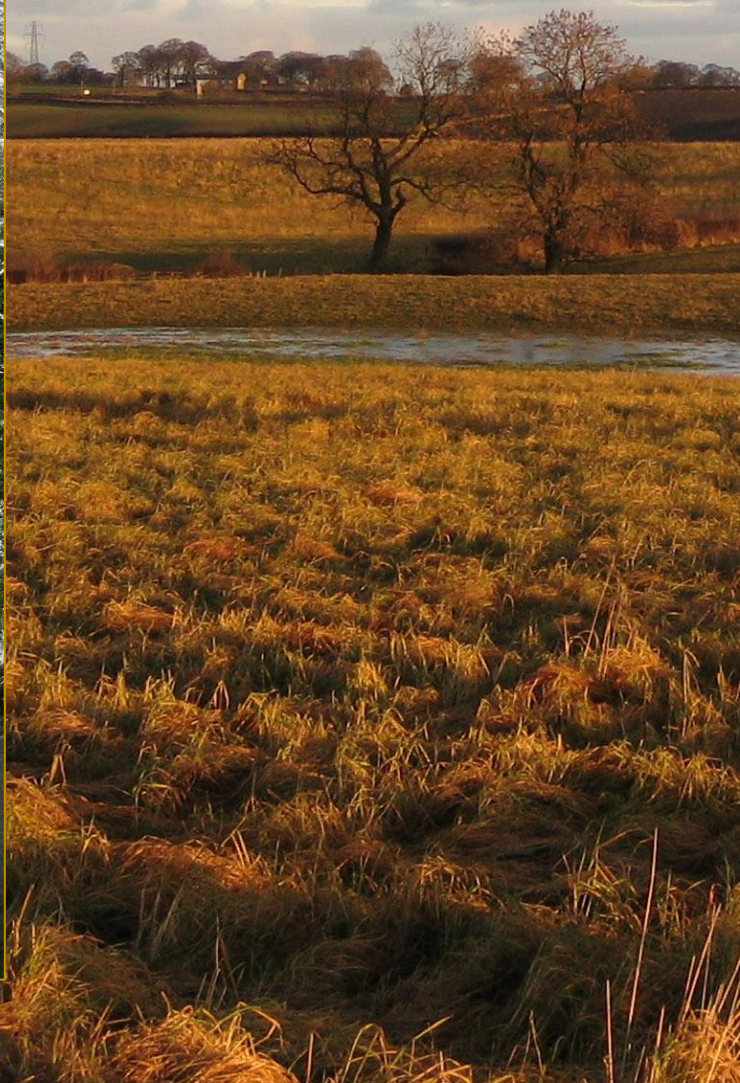
Counts shown are peak monthly

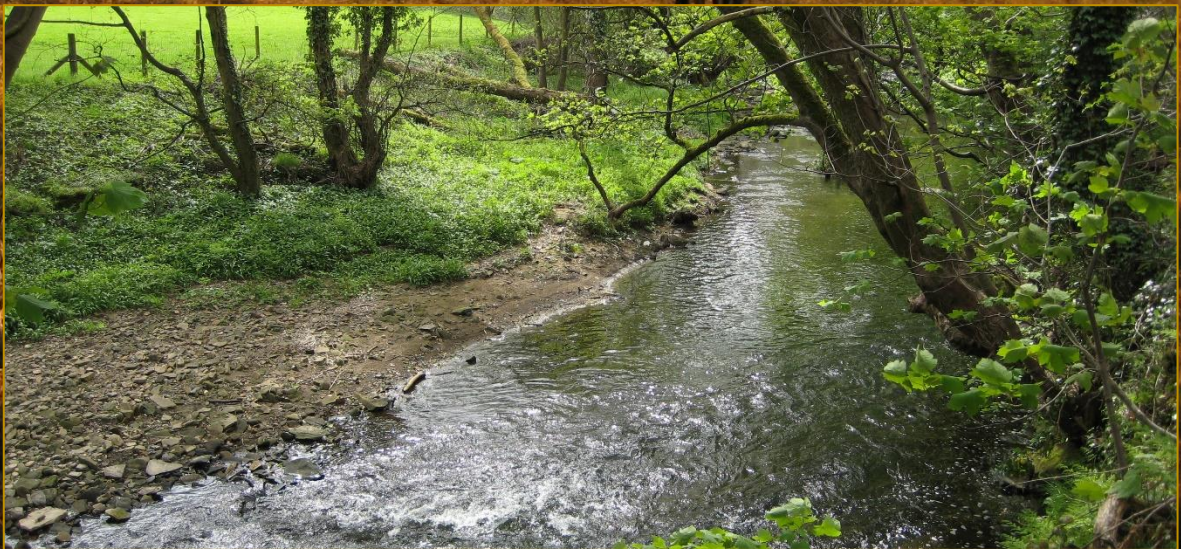
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Bunting, Reed	2	2	4	4	5	5	10	5				
Siskin	24	65	2						33	9	30	86
Treecreeper	2			4	1		3			1	2	1
Nuthatch	5	4	2	5	2	1	6	1	2	2	6	3
Tit, Marsh	2	1		2	1	2	2	1	1	2	3	3
Warbler, Willow				10	12	7	7	3				
Chiffchaff			3	14	7	6	10	2	4	4		
Warbler, Garden					6	7	1	1				
Warbler, Sedge					8	4	4	3				



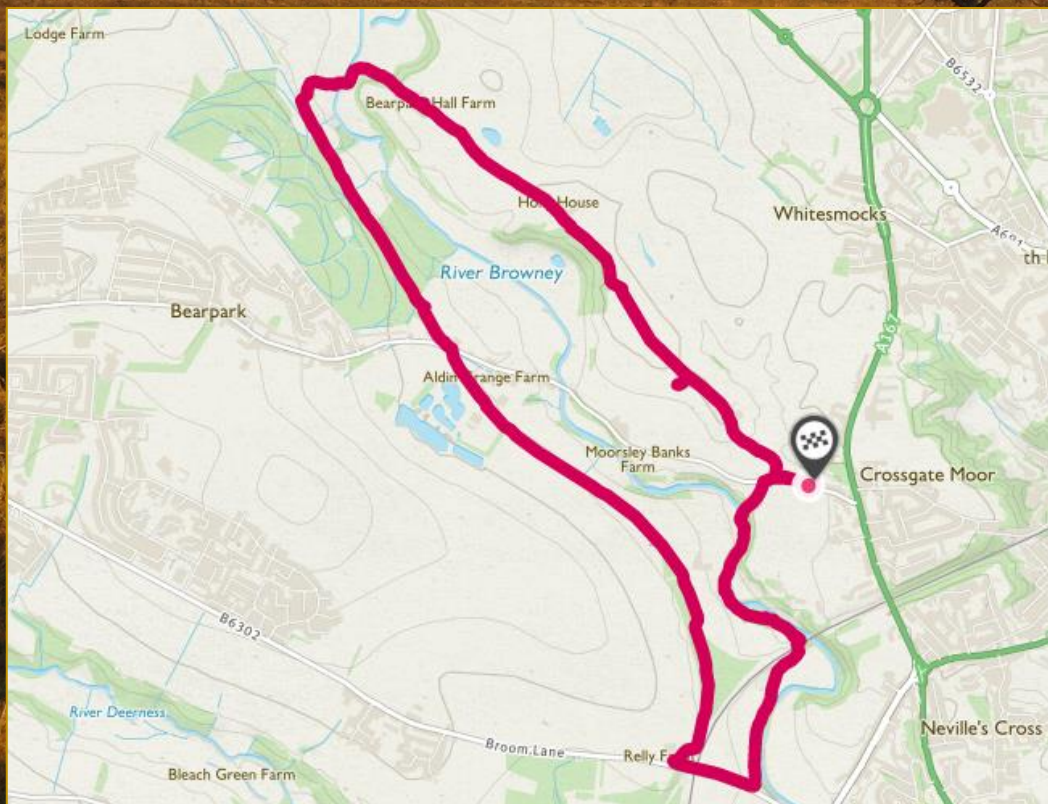
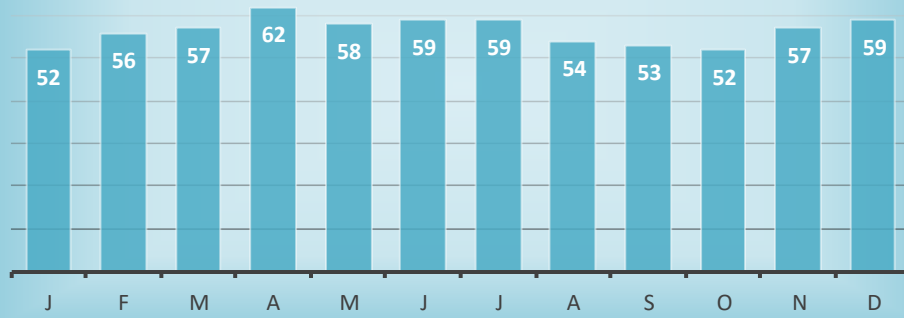
Tollhouse Road area (Crossgate Moor)

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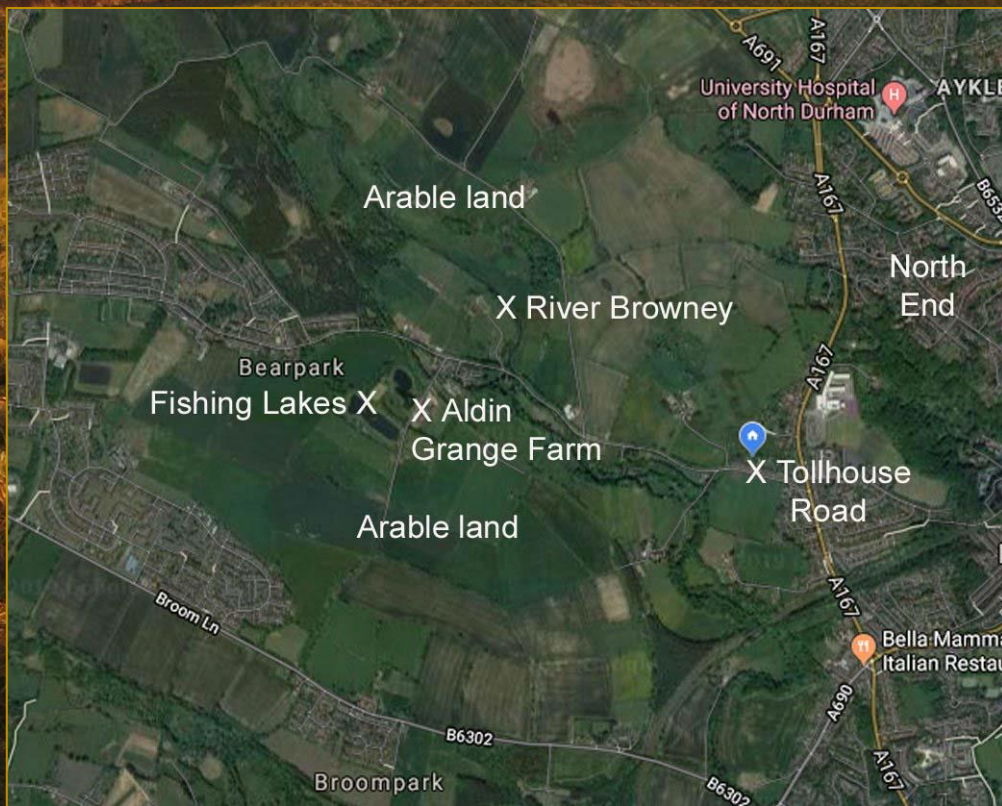
Tollhouse - total number of species per month



NOTABLE SPECIES - Tollhouse area	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Duck, Mandarin		1										
Partridge, Grey	5		5	5	4	2	1	11	7	16		12
Plover, Golden	150									8	3	
Lapwing		14	21	4	4	3				150	2	
Woodcock				1								1
Curlew			1	2							39	2
Cuckoo							1					
Owl, Tawny		1						1	1		1	1
Skylark		71	15	8	8	6	5		3	7	8	3
Martin, Sand						2	2	12	1			
Martin, House					1	14	15	46	5			
Pipit, Meadow		27	1	3		1	1		68	2	1	1
Waxwing												1
Dipper	1	1	2	6	1	1		1		1	1	4
Whinchat								1				
Wheatear									1			
Fieldfare	15	90	1	25						1	214	11
Redwing	57	70		24						1	66	20
Warbler, Grasshop				1	1		1					
Tit, Willow	1	1	1	1	1	1	2	2	1	1	3	2
Sparrow, Tree	2	7	9	26	10	11	25	61	36	24	7	3
Brambling		15										
Greenfinch	14	3	11	10	7	3	14	8	26	2	20	6
Bullfinch	9	9	6	2	4	3	6	5	4	9	6	14
Yellowhammer	4	15	10	13	14	12	14	7	1	7	8	6

Counts shown are peak monthly

Counts shown are peak monthly												
Yellowhammer	4	15	10	13	14	12	14	7	1	7	8	6
Bullfinch	9	9	6	2	4	3	6	5	4	9	6	14
Greenfinch	14	3	11	10	7	3	14	8	26	2	20	6
Brambling		15										
Tit Willow	1	1	1	1	1	1	2	2	1	1	3	2
Tree Sparrow	2	7	9	26	10	11	25	61	36	24	7	3
Wheatear									1			



Witton Castle Lakes

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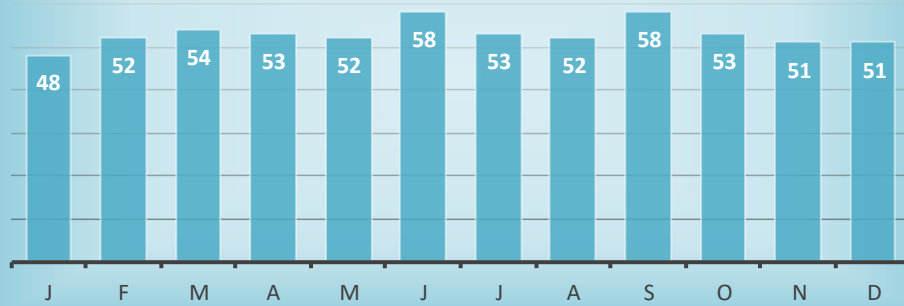




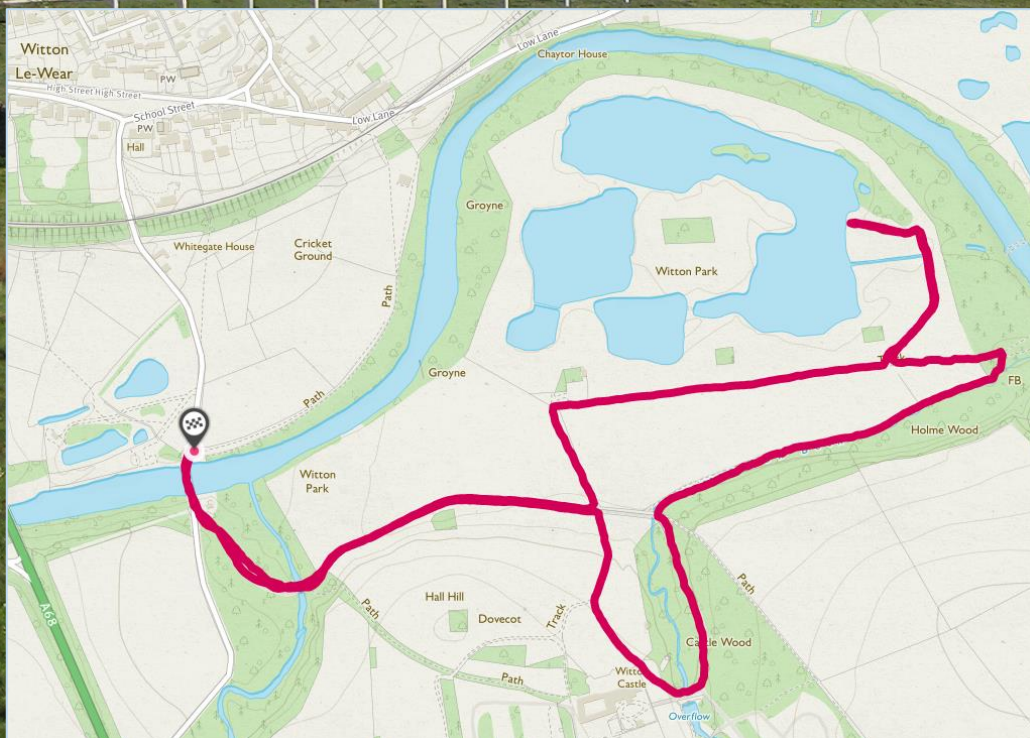
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Witton Castle - total number of species per month



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NOTABLE SPECIES - Witton Castle	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wigeon		85	9						2	4		29
Gadwall			6							1	17	19
Grebe, Great-crest			4	5	3	6	4	4	3			
Hobby								1				
Coot	77	81	23	12	8	37	43	36	50	75	68	89
Oystercatcher		2	15	2	2	3	5	2				2
Lapwing	60	63			1		4	1	64	200		234
Sandpiper, Common				1	3	1	2		1			
Cuckoo									4			
Owl, Little		1										1
Swift					13	11	8	23	1	1		
Fieldfare	23	9		1						325	19	7
Redwing	24	15	85							5	10	10
Flycatcher, Spotted					1	1						
Tit, Marsh	1							1	1			2
Brambling	40											
Crossbill, Common						14	3			1		

Counts shown are peak monthly

Counts shown are peak monthly	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Crossbill, Common						14	3			1		
Brambling	40											
Tit, Marsh	1							1	1			2
Flycatcher, Spotted					1	1						
Redwing	24	15	85							5	10	10
Fieldfare	23	9		1						325	19	7
Swift					13	11	8	23	1	1		
Owl, Little		1										1
Cuckoo									4			
Sandpiper, Common				1	3	1	2		1			
Lapwing	60	63					4	1	64	200		234
Oystercatcher		2	15	2	2	3	5	2				2
Coot	77	81	23	12	8	37	43	36	50	75	68	89
Hobby								1				



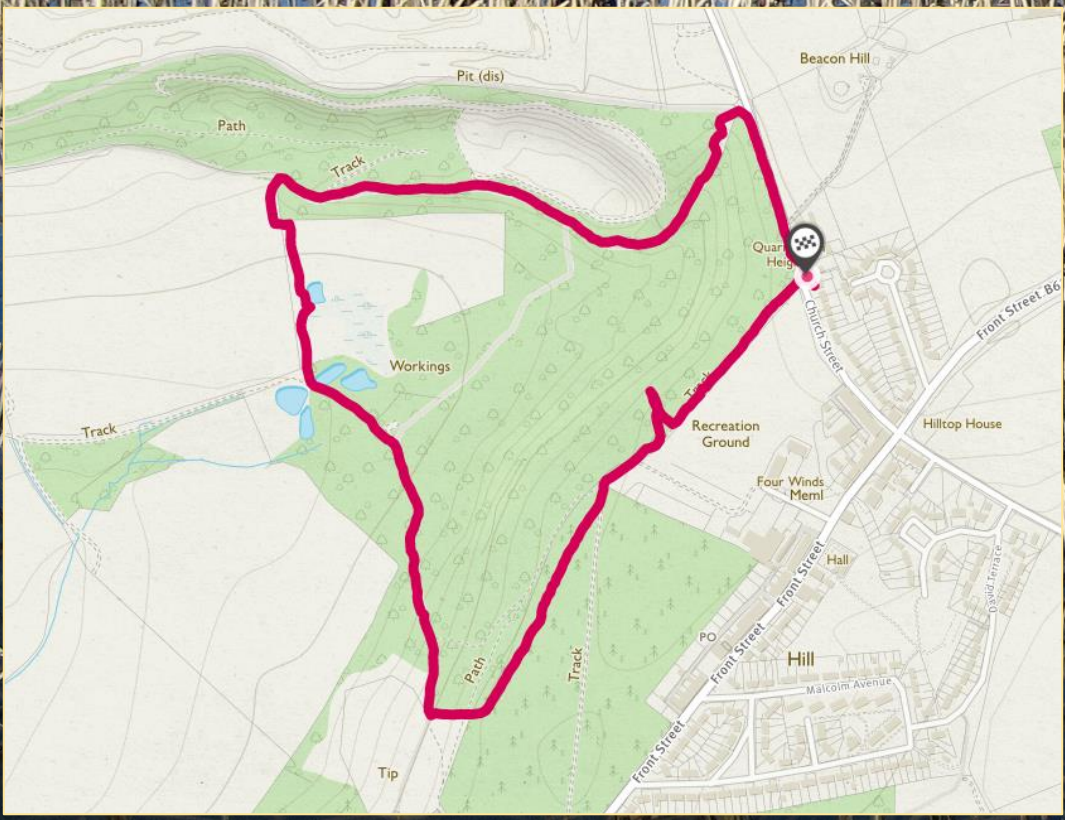
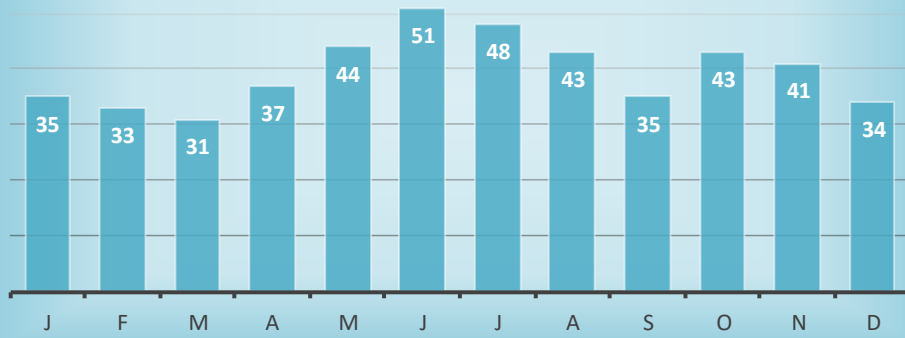
Crowtrees Quarry (Quarrington Hill)

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Crowtrees Quarry - total number of species per month



Notable Species - Crowtrees Quarr	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Partridge, Grey	7						1			10		
Kite, Red			1									
Peregrine	1					1			1		1	
Owl, Short-eared	1	1						1				
Skylark		2		2		2	1		2	2	11	
Redwing	5									211	72	13
Warbler, Grasshop					2	1	1					
Whitethroat, Lesser					3							
Whitethroat					24	15	12	4				
Warbler, Willow				26	30	12	8	11				
Tit, Willow	1	1		3	2	3	2	2	7	4	4	3
Bullfinch	3	7	6	16	5	1	5	4	2	12	14	6

Counts shown are peak monthly

Counts shown are peak monthly												
Bullfinch	3	7	6	16	5	1	5	4	2	12	14	6
Tit, Willow	1	1		3	2	3	2	2	7	4	4	3
Warbler, Willow				26	30	12	8	11				
Whitethroat				24	15	12	4					
Whitethroat, Lesser				3								
Warbler, Grasshop				2	1	1						
Peregrine	1					1			1		1	
Owl, Short-eared	1	1						1				
Skylark		2		2		2	1		2	2	11	
Redwing	5									211	72	13



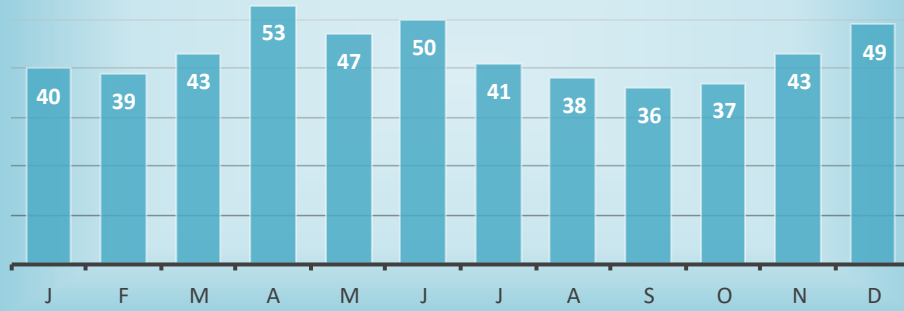
Tunstall Reservoir

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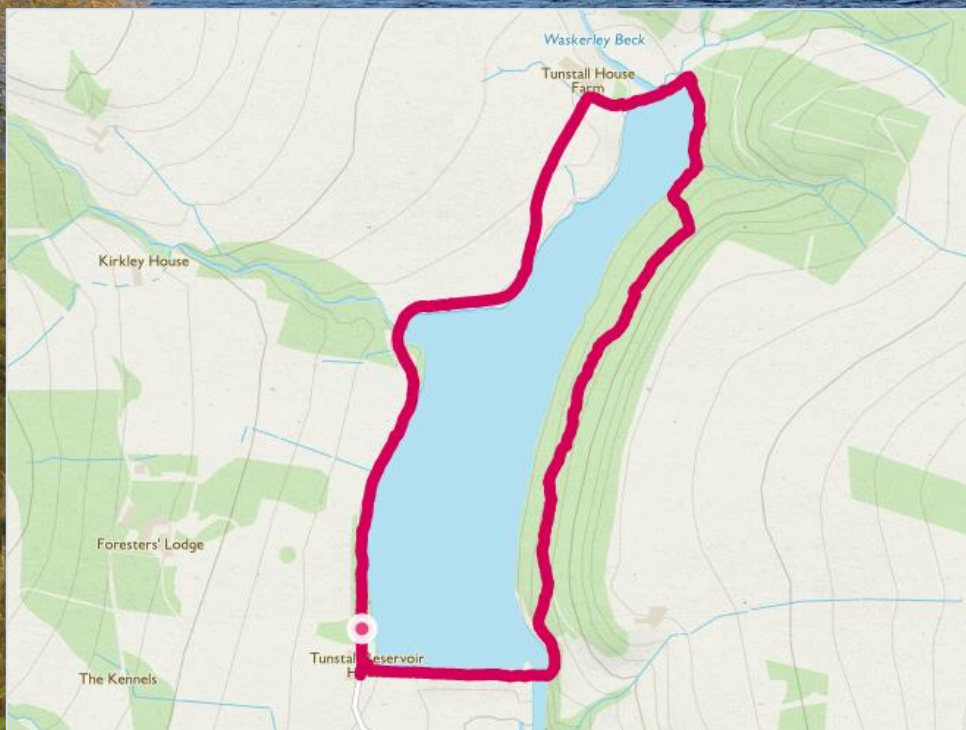




Tunstall- total number of species per month



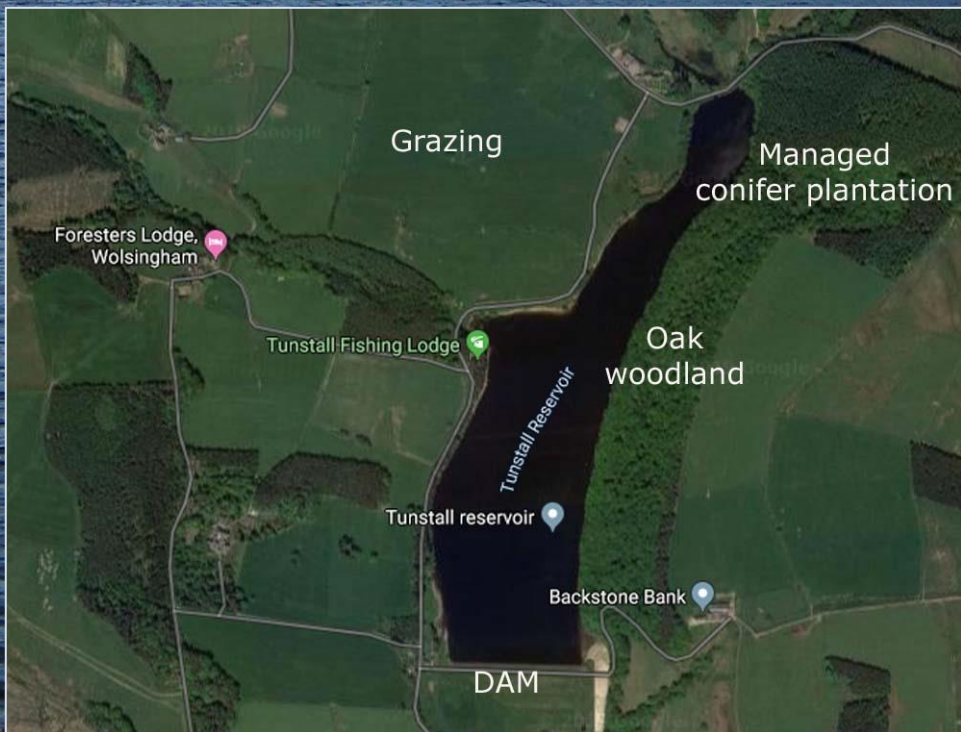
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NOTABLE SPECIES - Tunstall	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Swan, Whooper				1								
Mallard	171	222	33	22	20	48	21	128	72	110	167	290
Diver, Black-throat												1
Grebe, Great-crest			2	2	2	4	2	3	4	1		
Oystercatcher		1	15	6	5	4	4					
Lapwing	60		1								110	
Woodcock				1	1		1					
Sandpiper, Common					4	3	1					
Sandpiper, Green			1						2			
Cuckoo					1	1						
Redstart				3	7	2						
Flycatcher, Spotted					2		4					
Flycatcher, Pied					5	5						
Tit, Marsh	2	2	1	1		3	2	1		1	2	3
Redpoll, Lesser				1		1			2	13	2	3
Crossbill, Common		1										

Counts shown are peak monthly

Counts shown are peak monthly												
Crossbill, Common		1										
Redpoll, Lesser				1		1			2	13	2	3
Tit, Marsh	2	2	1	1		3	2	1		1	2	3
Flycatcher, Pied					5	5						
Flycatcher, Spotted					2		4					
Redstart				3	7	2						
Cuckoo					1	1						
Sandpiper, Green			1						2			
Sandpiper, Common					4	3	1					
Woodcock				1	1		1					
Lapwing	60		1								110	
Oystercatcher		1	15	6	5	4	4					
Grebe, Great-crest			2	2	2	4	2	3	4	1		



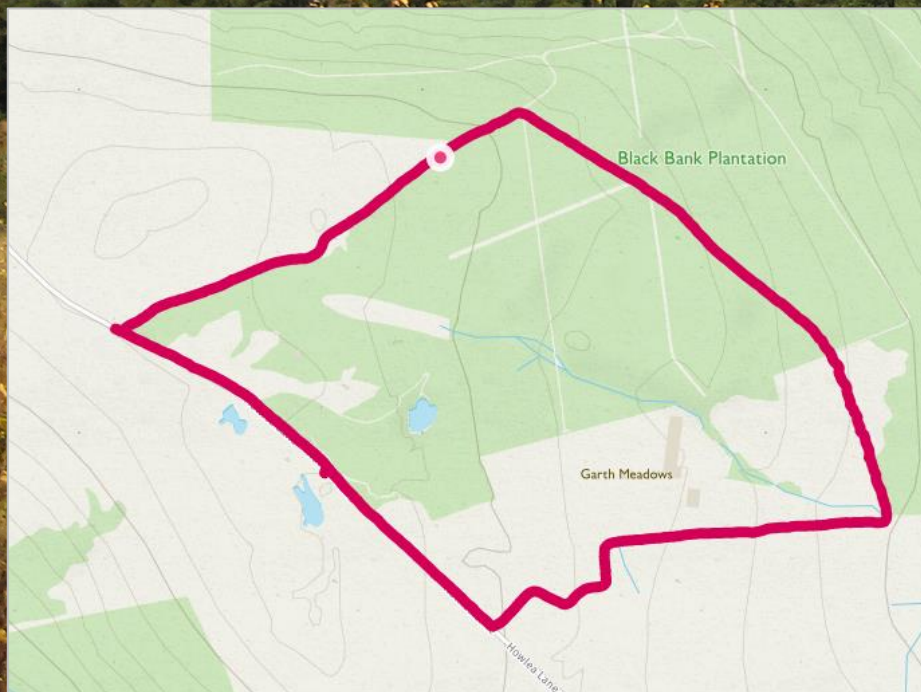
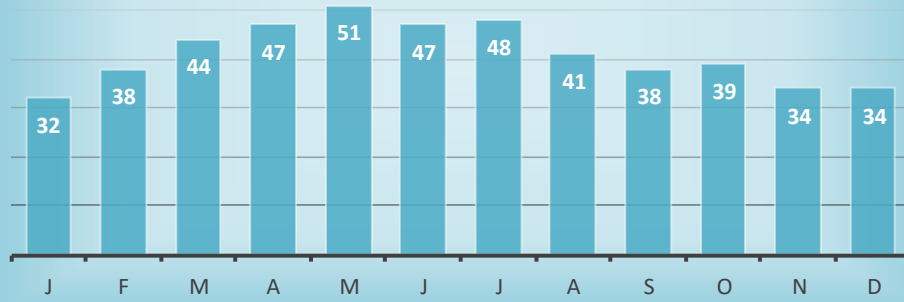
Black Bank, Wolsingham

42





Black Bank - total number of species per month



Notable Species - Black Bank	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Goose, White-fronted	4											
Goose, Pink-footed				2	1							3
Grouse, Red	9	6	2	4	2			2	1	4	3	8
Partridge, Red-leg				1								
Plover, Golden		14					3					
Lapwing		81	32	17	11	3	170			94		
Cuckoo					1	2						
Woodpecker, Green	1		1	1	1	2	1	1	2		1	1
Pipit, Tree					4	2	1					
Pipit, Meadow	1	1	27	26	11	20	13	8	22	22	1	4
Redstart					2	3						
Stonechat		1	3	2	2							
Fieldfare	10	2	1	45						2	34	16
Redwing	32									136		47
Tit, Willow	1	1					2		1		2	
Crossbill, Common	2		2	4	10	9			28	2	1	10

Crossbill, Common	5		5	4	10	8			58	5	1	10
Tit, Willow	1	1					5		1		5	
Redwing	35									136		47
Fieldfare	10	5	1	42						5	34	16
Stonechat		1	3	5	5							
Redstart					5	3						
Pipit, Meadow	1	1	27	26	11	20	13	8	22	22	1	4
Pipit, Tree					4	2	1					
Woodpecker, Green	1		1	1	1	2	1	1	2		1	1
Cuckoo					1	2						
Lapwing												
Plover, Golden												
Partridge, Red-leg												
Goose, Red												
Goose, Pink-footed												



Hill End

46

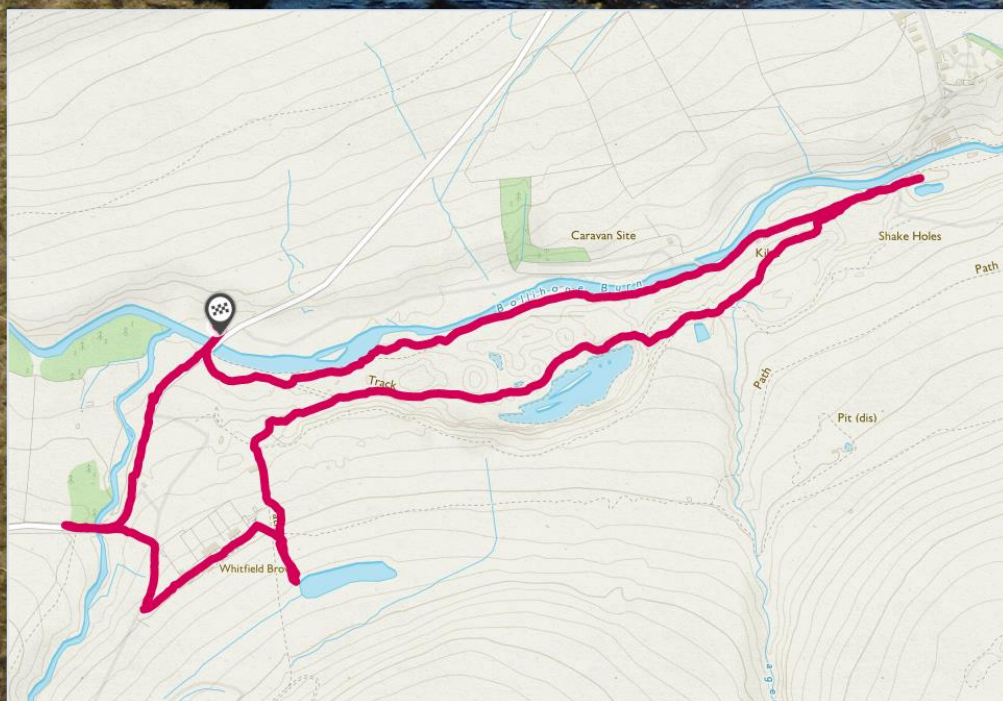




Hill End - total number of species per month



48



Notable Species - Hill End	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Grouse, Red	59	74	122	48	21	10	39	35	46	39	79	23
Partridge, Grey					2	1	6	6	14			15
Merlin									1			
Woodcock	1		1	1		1	1		1		1	
Curlew		173	80	12	7	11	9	1				
Redshank				6			1					
Sandpiper, Common				1	3	3	7					
Cuckoo				2	4	3						
Owl, Tawny											1	
Martin, Sand				24	20	15	12	19				
Martin, House				3	20	34	42	38	7			
Dipper	5	6	3	2	1	3	1	2	4	2	1	5
Redstart					1							
Wheatear				5	2	7	4	1				
Ouzel, Ring				1	3	5	6	1		1		
Fieldfare	14	77	200	23						1	23	12
Redwing	3											50
Flycatcher, Spotted					2	4						
Flycatcher, Pied					1							
Raven	2					1						
Crossbill, Common							6					

Counts shown are peak monthly

Counts shown are peak monthly												
Crossbill, Common												
Redwing	3											50
Flycatcher, Pied					1							
Flycatcher, Spotted					2	4						
Redstart					1							
Fieldfare	14	77	200	23						1	23	12



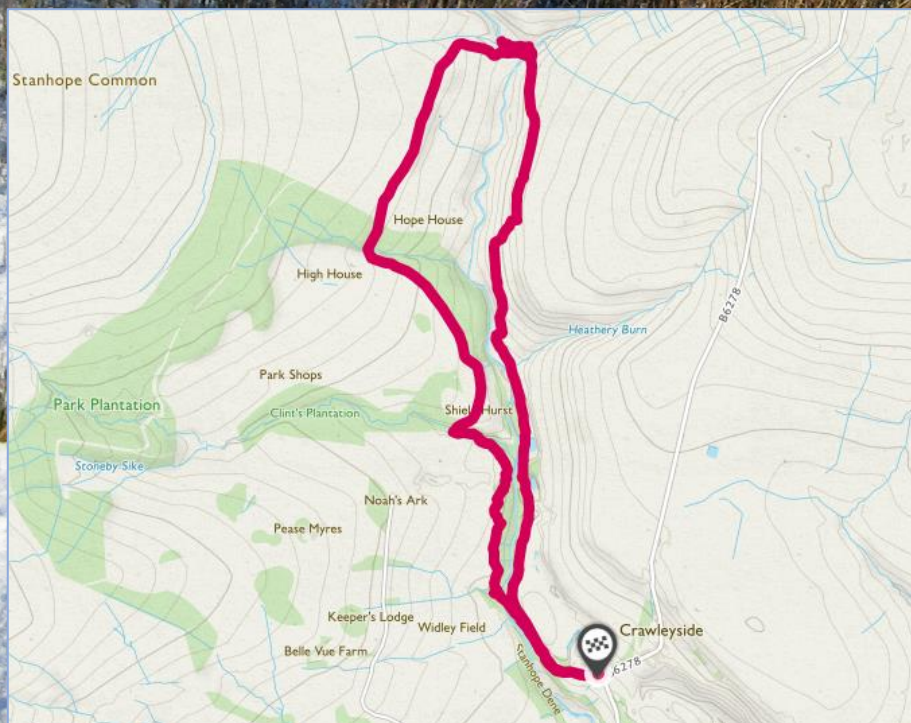
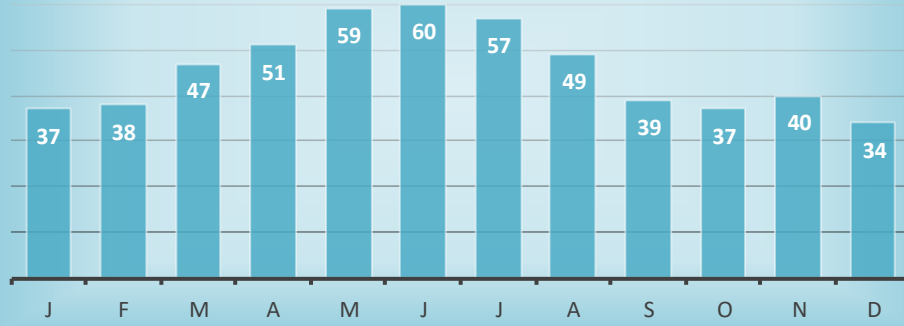
Stanhope

50





Stanhope - total number of species per month

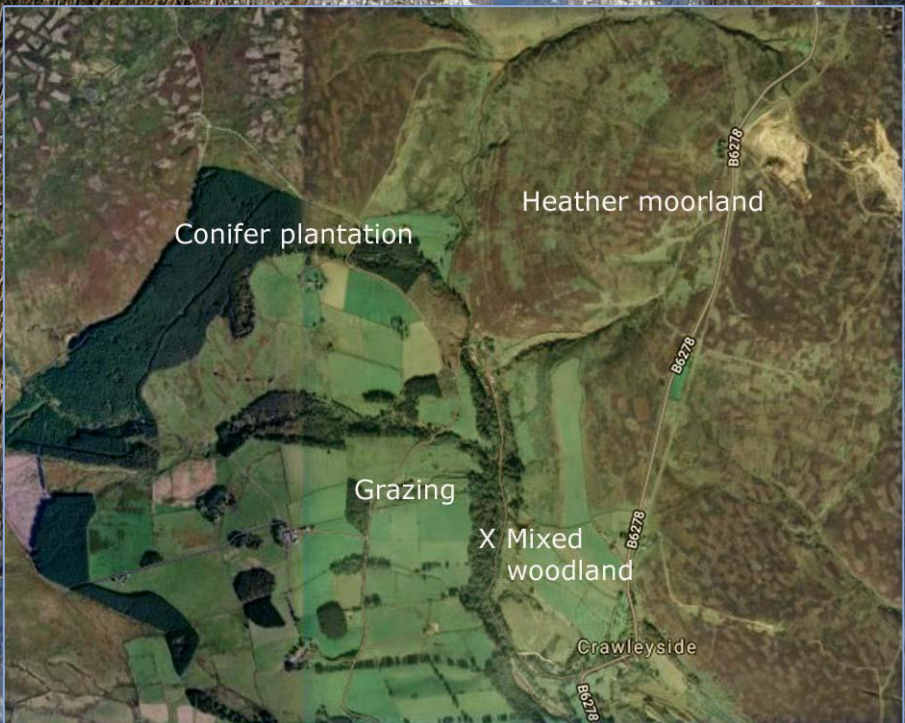


Notable Species - Stanhope	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Grouse, Red	40	41	57	36	13	10	4	59	56	36	47	44
Partridge, Grey			2								1	
Merlin								1	1			
Plover, Golden	2		5	11	8	5	11					
Lapwing			40	38	33	24	40					
Snipe	1	2		3	2	2	1					
Woodcock	1				1	1	1				1	2
Sandpiper, Common					2	4	3					
Cuckoo					3	2						
Owl, Barn	1											
Martin, Sand				9	3	19	5	2				
Pipit, Meadow		3	9	40	34	33	48	67	126	73	9	
Redstart					3	5	1	1				
Wheatear				2	3	4	2	2				
Ouzel, Ring				7	2	3	1					
Fieldfare	4		80							64	30	43
Redwing		1	60							14	12	1
Flycatcher, Spotted						2	2	7				
Flycatcher, Pied					1	1						
Crossbill, Common	1				3					3	7	1

Counts shown are peak monthly

Counts shown are peak monthly

Crossbill, Common	1				3					3	7	1
Flycatcher, Pied					1	1						
Flycatcher, Spotted						2	2	7				
Redwing		1	60							14	12	1
Fieldfare	4		80							64	30	43
Ouzel, Ring				7	2	3	1					
Wheatear				2	3	4	2	2				
Pipit, Meadow		3	9	40	34	33	48	67	126	73	9	
Redstart					3	5	1	1				
Wheatear				2	3	4	2	2				
Ouzel, Ring				7	2	3	1					
Fieldfare	4		80							64	30	43
Redwing		1	60							14	12	1
Flycatcher, Spotted						2	2	7				
Flycatcher, Pied					1	1						
Crossbill, Common	1				3					3	7	1



Grassholme Reservoir

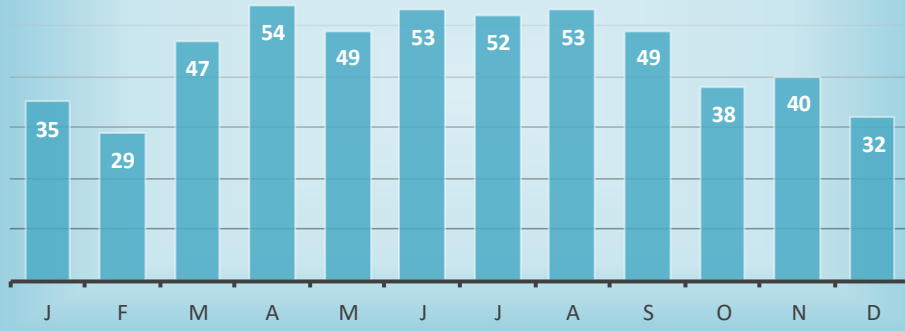


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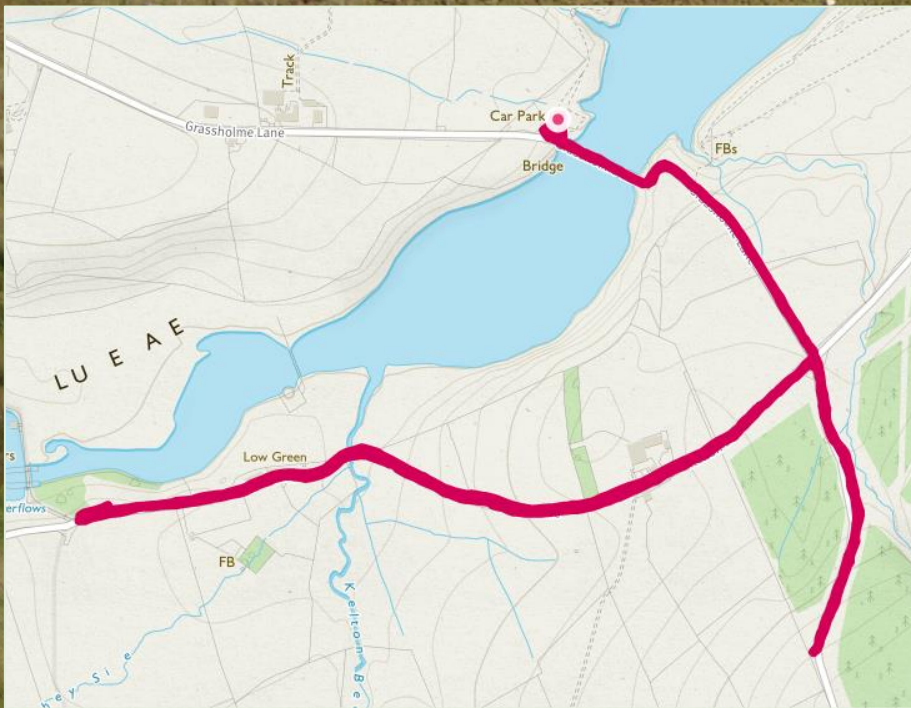




Grassholme - total number of species per month



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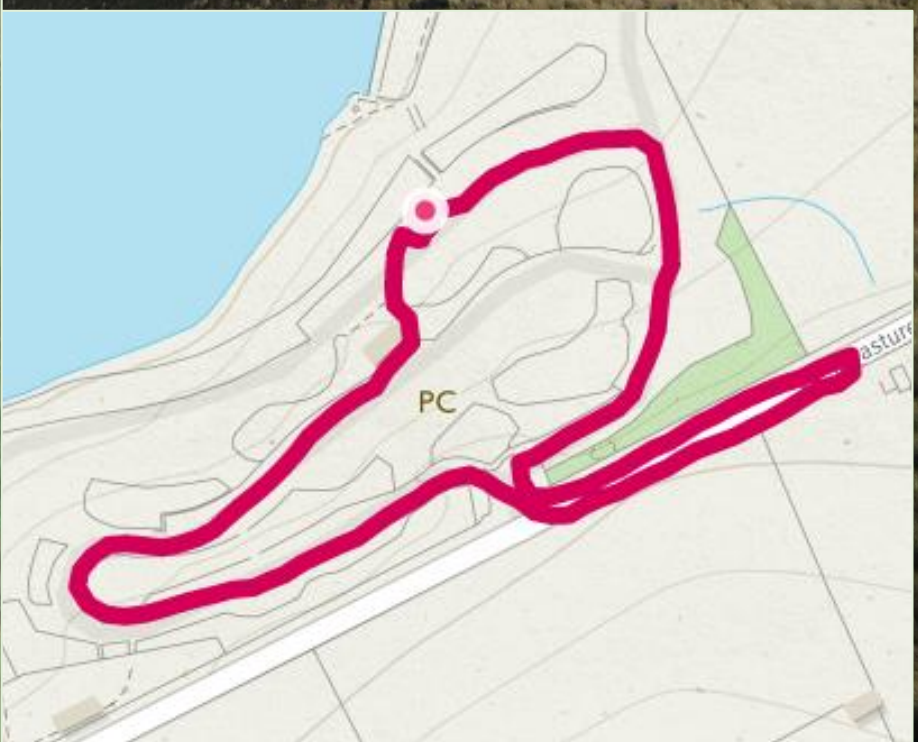


Notable Species - Grassholme	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Wigeon	101	156	136	6	3	24	8	6		5	42	96
Grouse, Black		3	1									
Grebe, Great-crest			3	2	2	5	4	3				
Merlin								1				
Peregrine					2					1		
Oystercatcher	4		196	85	53	13	23	41				
Plover, Ringed					2							
Plover, Golden			88	13	1			1				
Lapwing	4		98	67	24	30	160	384	215	15		1
Dunlin					4		1					
Sandpiper, Common					2	1	1					
Owl, Barn							1					
Owl, Short-eared								1				
Pipit, Tree						2						
Waxwing		10										
Whinchat								1				
Flycatcher, Spotted						1						
Raven				2								
Starling	150	35	310	5	3	11	120	113	500	28	3	67
Crossbill, Common	4	9	7	12	8	12						2

Counts shown are peak monthly

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Crossbill, Common	4	9	7	12	8	12						2
Starling	150	35	310	5	3	11	120	113	500	28	3	67
Raven				2								
Flycatcher, Spotted						1						
Whinchat								1				
Waxwing		10										
Pipit, Tree						2						
Owl, Short-eared								1				
Owl, Barn							1					
Dunlin					4		1					
Sandpiper, Common					2	1	1					
Oystercatcher	4		196	85	53	13	23	41				
Merlin								1				
Grebe, Great-crest			3	2	2	5	4	3				
Grouse, Black		3	1									
Wigeon	101	156	136	6	3	24	8	6		5	42	96

Counts shown are peak monthly



Bollihope Common

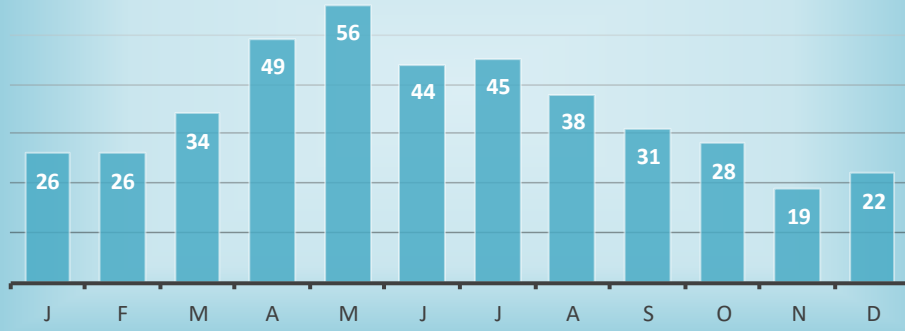


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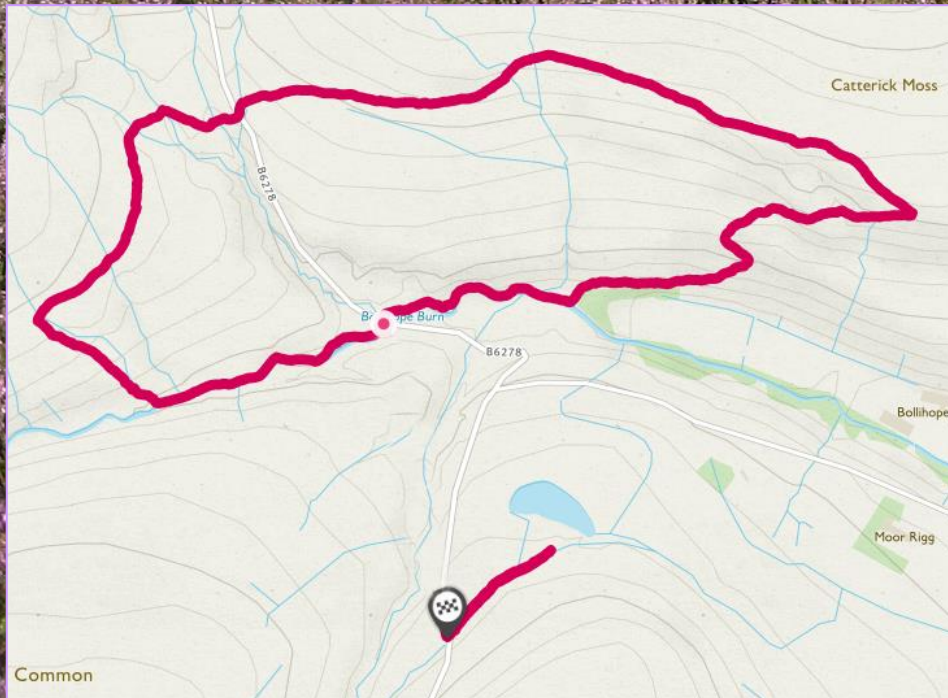




Bollihope - total number of species per month



60



Notable Species - Bollihope	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Grouse, Red	166	90	60	65	22	17	50	59	61	89	208	186
Grouse, Black				2								
Merlin							1					
Peregrine	1											
Oystercatcher		2	2	6	8	17	5					
Plover, Golden		8	13	6	8	10	2			13	1	
Lapwing		17	71	26	34	39	48	68		1		
Snipe		1	2	7	5	3	6	1	1	1		3
Woodcock		1	1	3	1					1	3	1
Curlew		2	24	39	18	33	7	5				
Cuckoo					1	1						
Owl, Little			1									
Owl, Short-eared						1						
Skylark		4	18	20	20	9	3	2	2			
Pipit, Meadow		1	5	83	31	45	65	53	237	58	8	3
Redstart				1	1	1						
Wheatear				16	14	10	12	8	5			
Ouzel, Ring				6	7	2			1			
Fieldfare	17		25	6						35	24	198
Redwing	20									42		7
Flycatcher, Spotted					2		2	2				
Raven			1		3			1	1			

Counts shown are peak monthly

Counts shown are peak monthly												
Raven				1		3			1	1		
Flycatcher, spotted						2		2	2			
Redwing	20									42		7
Fieldfare	17		25	6						35	24	198
Ouzel, Ring				6	7	2			1			
Wheatear				16	14	10	12	8	5			
Pipit, Meadow		1	5	83	31	45	65	53	237	58	8	3
Redstart				1	1	1						
Skylark		4	18	20	20	9	3	2	2			
Oystercatcher		2	2	6	8	17	5					
Grouse, Black				2								
Grouse, Red	166	90	60	65	22	17	50	59	61	89	208	186



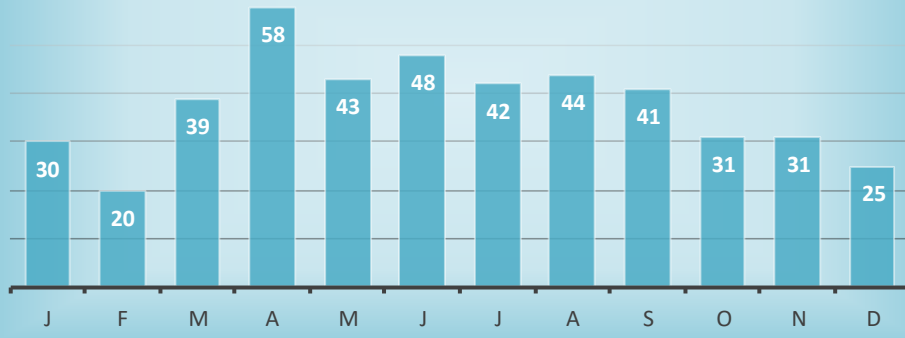
Selset Reservoir

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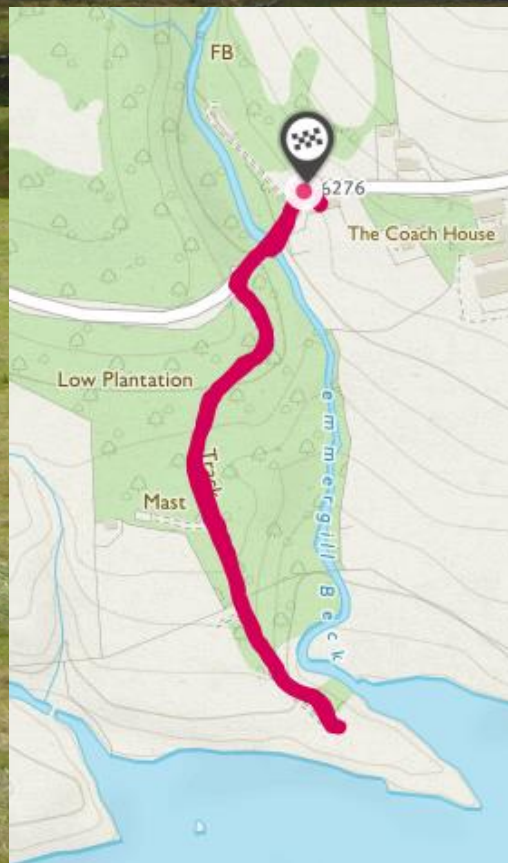




Selset - total number of species per month



64



Notable Species - Selset	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Swan, Whooper										1		
Goose, White-fronted										2		
Goose, Pink-footed				14								
Wigeon	96		24	27	4		22	27	142	68	250	178
Grebe, Great-crest				3		1						
Goshawk		1										
Peregrine											1	
Oystercatcher			175	43	63	78	28	26				
Plover, Ringed				3	3	4	1					
Plover, Golden			188	15	6	12	105	228	320			
Lapwing	6		284	40	24	65	244	270	146	4		
Snipe			5	1	1	1	4	2			1	
Woodcock				1		2	1				1	
Curlew			53	5	5	12	5	4			1	
Sandpiper, Common					2	3	1					
Gull, Black-headed			325	950	950	750	510	5				
Cuckoo						1						
Ouzel, Ring									1			
Warbler, Grasshop					1	1						
Flycatcher, Spotted						2	1	3				
Raven				1					1		1	
Starling	120	3	270	40	18	15	47	16	38	30		
Crossbill, Common	1							16				2

Counts shown are peak monthly

Counts shown are peak monthly

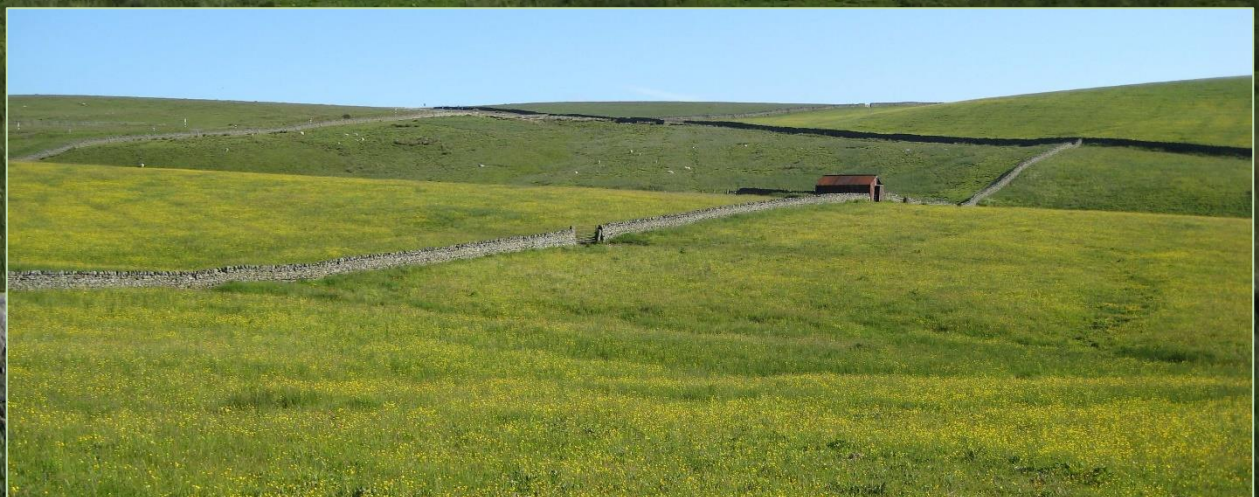
Crossbill, Common	1							16				2
Starling	120	3	270	40	18	15	47	16	38	30		
Raven				1					1		1	
Flycatcher, Spotted						2	1	3				
Warbler, Grasshop					1	1						
Ouzel, Ring									1			
Cuckoo												
Gull, Black-headed			325	950	950	750	510	5				



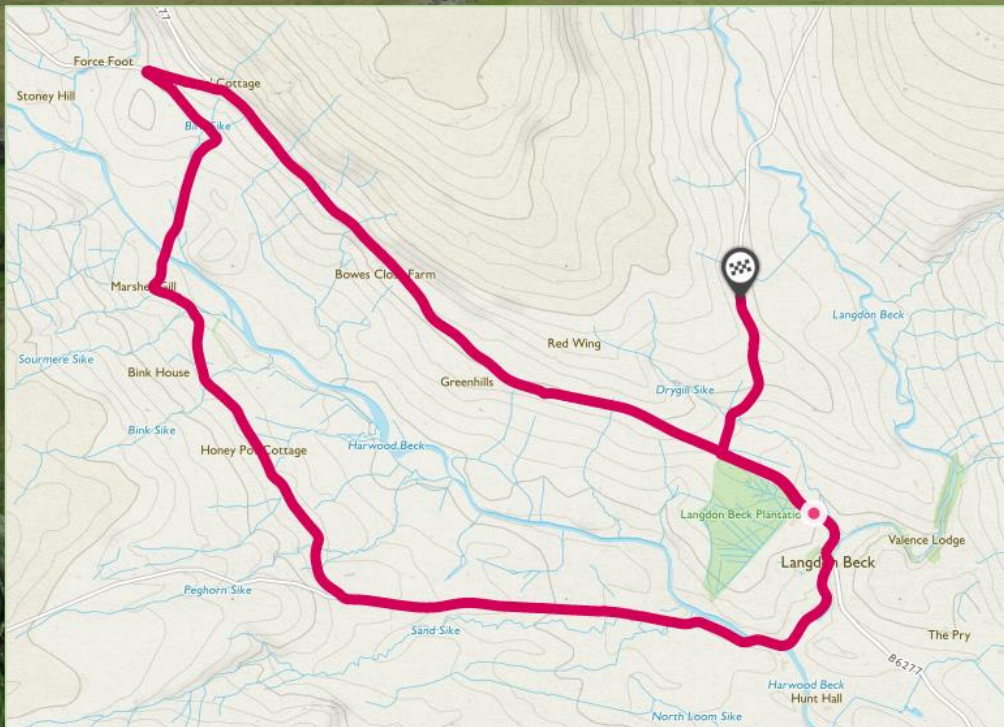
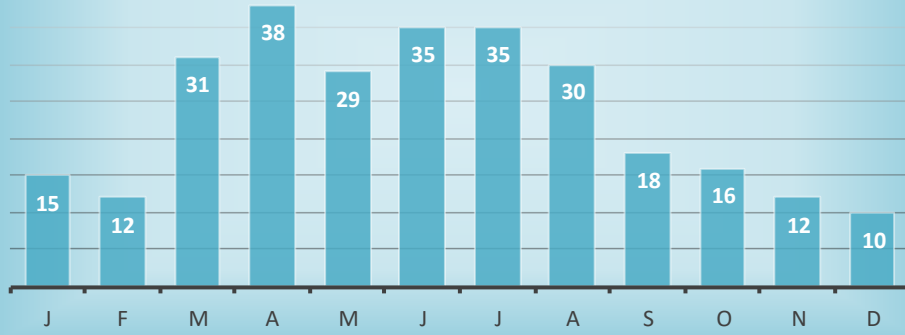
Langdon Beck

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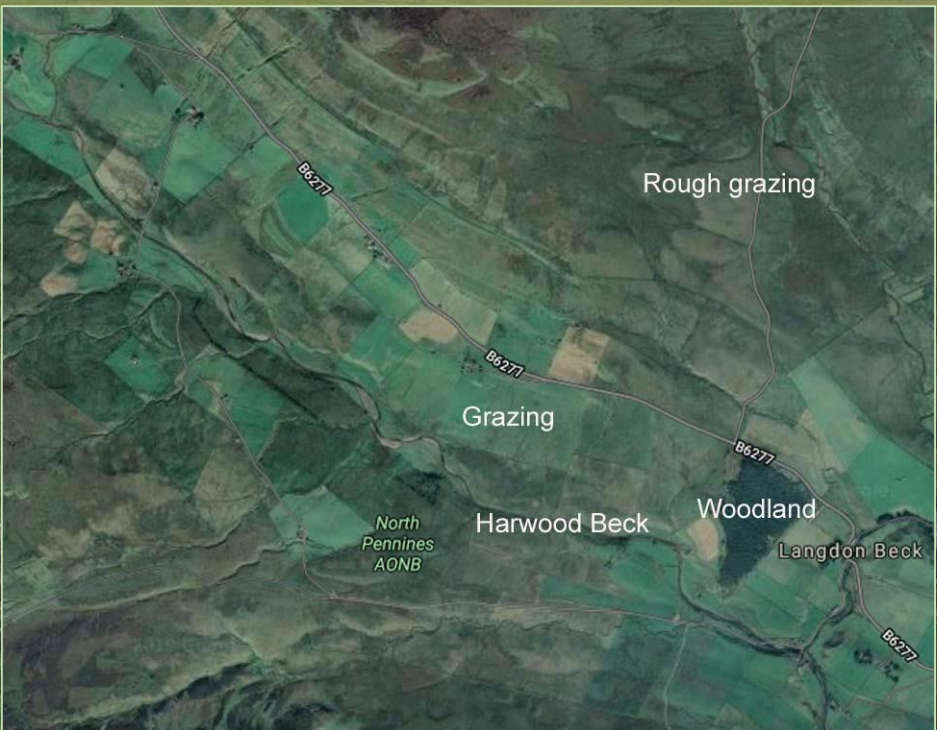
Langdon Beck - total number of species per month



Notable Species - Langdon Beck	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Grouse, Red				3			4					
Grouse, Black	26	49	20	14	22	29	1	5	15	28	34	33
Partridge, Grey	1									10		
Merlin			1						1			
Oystercatcher			10	65	8	4	7	2				
Plover, Golden			4	32	4	7						
Lapwing			199	180	59	63	37	526	152			
Snipe			8	14	12	7	14					
Woodcock												
Curlew			9	20	9	19	5	2				
Redshank			2	9	4	14	2	1				
Sandpiper, Common			0	0	1	1						
Fieldfare	774		2	110						17		240
Thrush, Mistle	1	1	4	3	5	3		19	1			
Flycatcher, Spotted								1				
Starling	2	8	186	130	6	3	203	145	80	12	85	2

Counts shown are peak monthly

Counts shown are peak monthly	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Starling	2	8	186	130	6	3	203	145	80	12	85	2
Flycatcher, Spotted								1				
Thrush, Mistle	1	1	4	3	5	3		19	1			
Fieldfare	774		2	110						17		240
Sandpiper, Common			0	0	1	1						
Redshank			2	9	4	14	2	1				
Snipe			8	14	12	7	14					
Woodcock												
Curlew			9	20	9	19	5	2				
Grouse, Black	26	49	20	14	22	29	1	5	15	28	34	33
Grouse, Red				3			4					
Partridge, Grey	1									10		
Merlin			1						1			
Oystercatcher			10	65	8	4	7	2				
Plover, Golden			4	32	4	7						
Lapwing			199	180	59	63	37	526	152			



Statistics for individual species

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Brambling	198	Hawfinch	199	Shoveler	85
Bullfinch	200	Heron, Grey	127	Siskin	206
Bunting, Reed	208	Hobby	142	Skylark	156
Buzzard	132	Jackdaw	146	Snipe	114
Chaffinch	197	Jay	144	Sparrow, House	189
Chiffchaff	162	Kestrel	140	Sparrow, Tree	190
Coot	104	Kingfisher	137	Sparrowhawk	129
Cormorant	126	Kite, Red	131	Starling	174
Crossbill	204	Lapwing	108	Stonechat	186
Crow, Carrion	148	Linnet	202	Swallow	158
Cuckoo	98	Magpie	145	Swan, Mute	81
Curlew	111	Mallard	88	Swan, Whooper	82
Dipper	188	Martin, House	159	Swift	97
Diver, Black-throated	125	Martin, Sand	157	Teal	90
Dove, Collared	101	Merganser, Red-breasted	96	Tern, Common	124
Dove, Stock	99	Merlin	141	Thrush, Mistle	180
Duck, Mandarin	84	Moorhen	103	Thrush, Song	179
Duck, Tufted	93	Nuthatch	172	Tit, Blue	154
Dunlin	112	Ouzel, Ring	175	Tit, Coal	151
Dunnock	191	Owl, Barn	133	Tit, Great	155
Egret, Little	128	Owl, Little	135	Tit, Long-tailed	160
Falcon, Peregrine	143	Owl, Short-eared	136	Tit, Marsh	152
Fieldfare	177	Owl, Tawny	134	Tit, Willow	153
Flycatcher, Pied	183	Oystercatcher	107	Treecreeper	173
Flycatcher, Spotted	181	Partridge, Grey	75	Wagtail, Grey	193
Gadwall	86	Partridge, Red-legged	74	Wagtail, Pied	194
Goldcrest	170	Pheasant	76	Wagtail, Yellow	192
Goldeneye	94	Pigeon, Wood	100	Warbler, Garden	167
Goldfinch	205	Pintail	89	Warbler, Grasshopper	165
Goosander	95	Pipit, Meadow	195	Warbler, Reed	164
Goose, Barnacle	78	Pipit, Tree	196	Warbler, Sedge	163
Goose, Canada	77	Plover, Golden	109	Warbler, Willow	161
Goose, Greylag	79	Plover, Ringed	110	Waxwing	150
Goose, White-fronted	80	Pochard	92	Wheatear	187
Goshawk	130	Pochard, Red-crested	91	Whinchat	185
Grebe, Great Crested	106	Rail, Water	102	Whitethroat	169
Grebe, Little	105	Raven	149	Whitethroat, Lesser	168
Greenfinch	201	Redpoll, Lesser	203	Wigeon	87
Greenshank	118	Redshank	117	Woodcock	113
Grouse, Black	72	Redstart	184	Woodpecker, Great Spott	138
Grouse, Red	73	Redwing	178	Woodpecker, Green	139
Gull, Black-headed	119	Robin	182	Wren	171
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<i>Alauda arvensis</i>	156	<i>Falco peregrinus</i>	143	<i>Pluvialis apricaria</i>	109
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<i>Alectoris rufa</i>	74	<i>Falco tinnunculus</i>	140	<i>Poecile montanus</i>	153
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<i>Anthus trivialis</i>	196	<i>Garrulus glandarius</i>	144	<i>Saxicola rubetra</i>	185
<i>Apus apus</i>	97	<i>Gavia arctica</i>	125	<i>Saxicola rubicola</i>	186
<i>Ardea cinerea</i>	127	<i>Haematopus ostralegus</i>	107	<i>Scobpax rusticola</i>	113
<i>Asio flammeus</i>	136	<i>Hirundo rustica</i>	158	<i>Sitta europaea</i>	172
<i>Athene noctua</i>	135	<i>Lagopus lagopus</i>	73	<i>Spatula clypeata</i>	85
<i>Aythya ferina</i>	92	<i>Larus argentatus</i>	122	<i>Spinus spinus</i>	206
<i>Aythya fuligula</i>	93	<i>Larus canus</i>	120	<i>Sterna hirundo</i>	124
<i>Bombycilla garrulus</i>	150	<i>Larus fuscus</i>	123	<i>Streptopelia decaocto</i>	101
<i>Branta canadensis</i>	77	<i>Larus marinus</i>	121	<i>Strix aluco</i>	134
<i>Branta leucopsis</i>	78	<i>Linaria cannabina</i>	202	<i>Sturnus vulgaris</i>	174
<i>Bucephala clangula</i>	94	<i>Locustella naevia</i>	165	<i>Sylvia atricapilla</i>	166
<i>Buteo buteo</i>	132	<i>Loxia curvirostra</i>	204	<i>Sylvia borin</i>	167
<i>Calidris alpina</i>	112	<i>Lyrurus tetrix</i>	72	<i>Sylvia communis</i>	169
<i>Carduelis carduelis</i>	205	<i>Mareca penelope</i>	87	<i>Sylvia curruca</i>	168
<i>Certhia familiaris</i>	173	<i>Mareca strepera</i>	86	<i>Tachybaptus ruficollis</i>	105
<i>Charadrius hiaticula</i>	110	<i>Mergus merganser</i>	95	<i>Tadorna tadorna</i>	83
<i>Chloris chloris</i>	201	<i>Mergus serrator</i>	96	<i>Tringa nebularia</i>	118
<i>Chroicocephalus ridibundus</i>	119	<i>Milvus milvus</i>	131	<i>Tringa ochropus</i>	116
<i>Cinclus cinclus</i>	188	<i>Motacilla alba</i>	194	<i>Tringa totanus</i>	117
<i>Coccythraustes coccythraustes</i>	199	<i>Motacilla cinerea</i>	193	<i>Troglodytes troglodytes</i>	171
<i>Cobeus monedula</i>	146	<i>Motacilla flava</i>	192	<i>Turdus iliacus</i>	178
<i>Columba oenas</i>	99	<i>Muscicapa striata</i>	181	<i>Turdus merula</i>	176
<i>Columba palumbus</i>	100	<i>Netta rufina</i>	91	<i>Turdus philomelos</i>	179
<i>Corvus corax</i>	149	<i>Numenius arquata</i>	111	<i>Turdus pilaris</i>	177
<i>Corvus corone</i>	148	<i>Oenanthe oenanthe</i>	187	<i>Turdus torquatus</i>	175
<i>Corvus frugilegus</i>	147	<i>Parus major</i>	155	<i>Turdus viscivorus</i>	180
<i>Cuculus canorus</i>	98	<i>Passer domesticus</i>	189	<i>Tyto alba</i>	133
<i>Cyanistes caeruleus</i>	154	<i>Passer montanus</i>	190	<i>Vanellus vanellus</i>	108
<i>Cygnus cygnus</i>	82	<i>Perdix perdix</i>	75		

Peak numbers outside of Langdon Beck



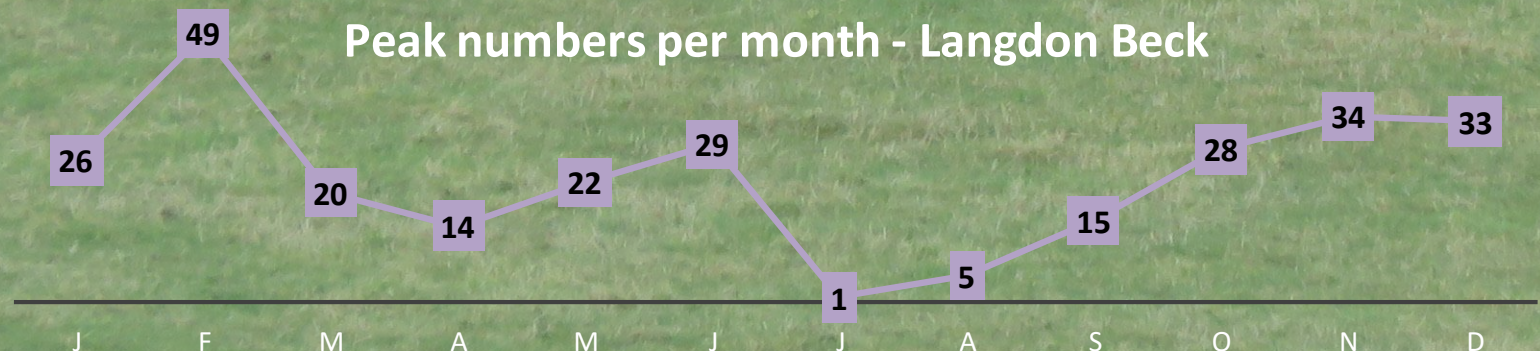
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

72 Black Grouse (*Lyrurus tetrix*)



Peak numbers per month - Langdon Beck

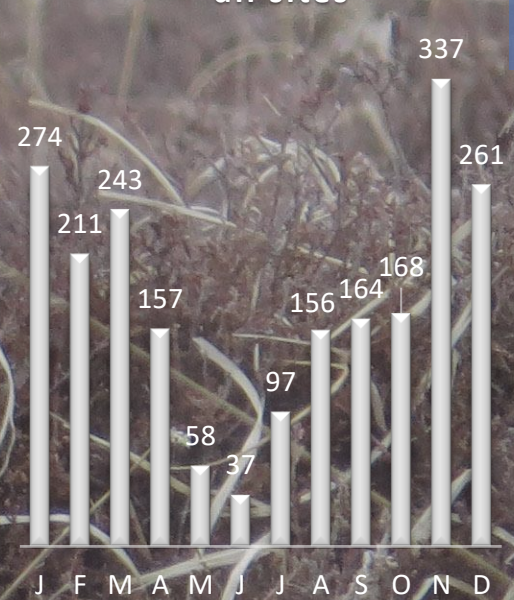


Red Grouse (*Lagopus lagopus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak monthly counts
all sites



Monthly counts in main strongholds

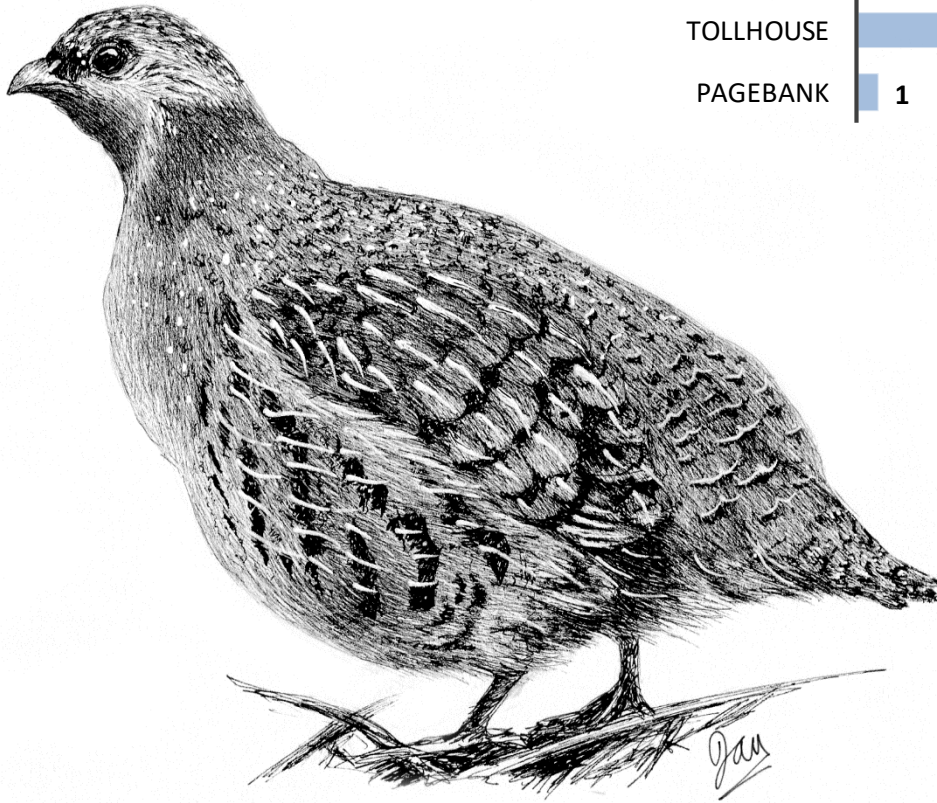
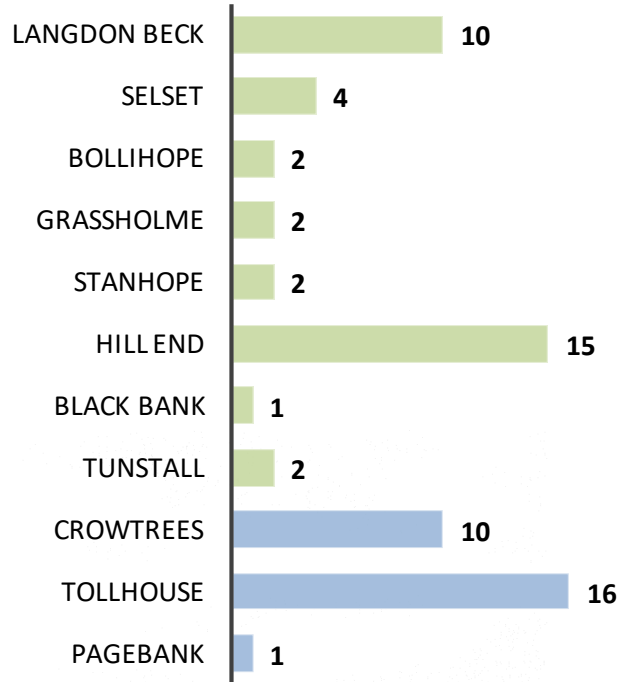


Peak counts by location

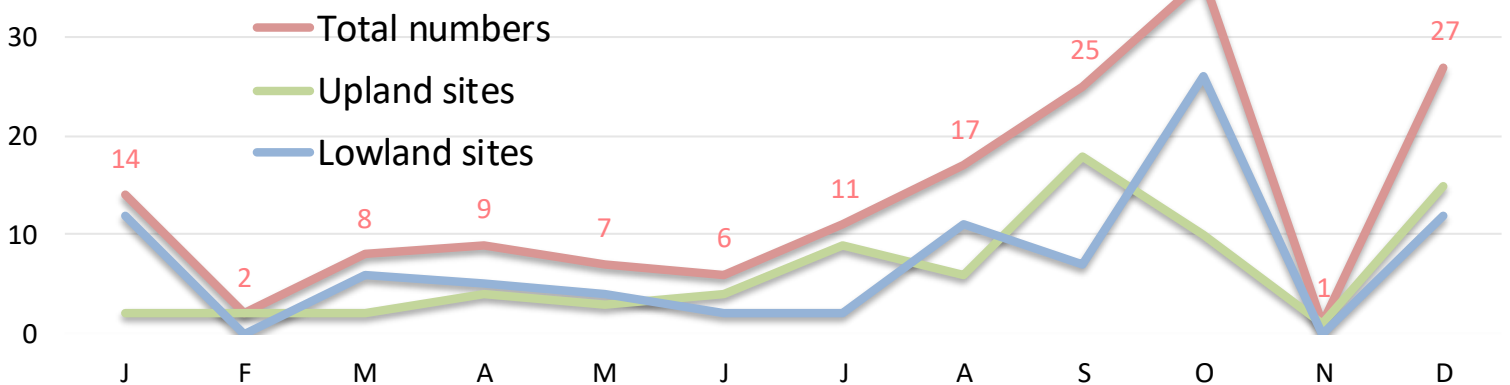
Grey Partridge (*Perdix perdix*)

Species seen at least once at:

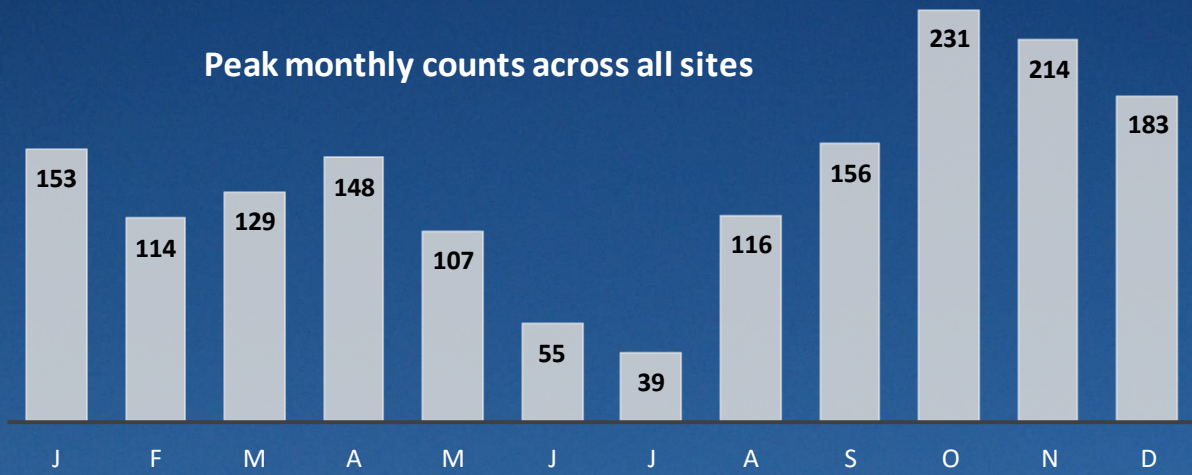
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak numbers by altitude



Peak monthly counts across all sites



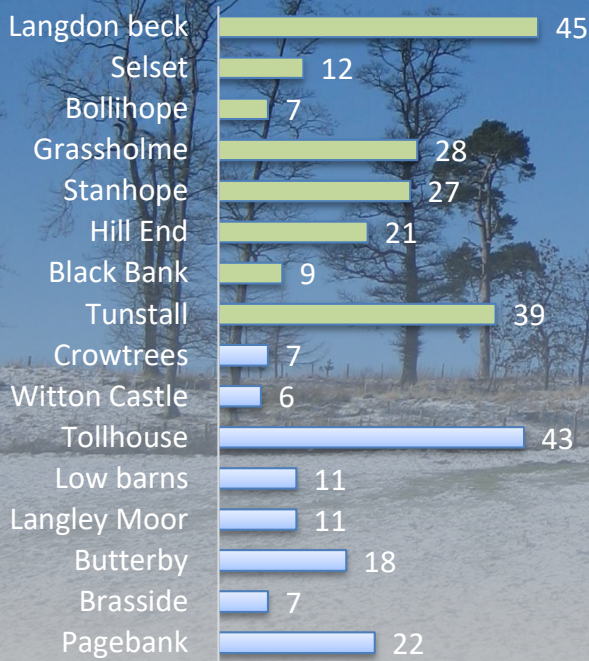
Pheasant

(Phasianus colchicus)

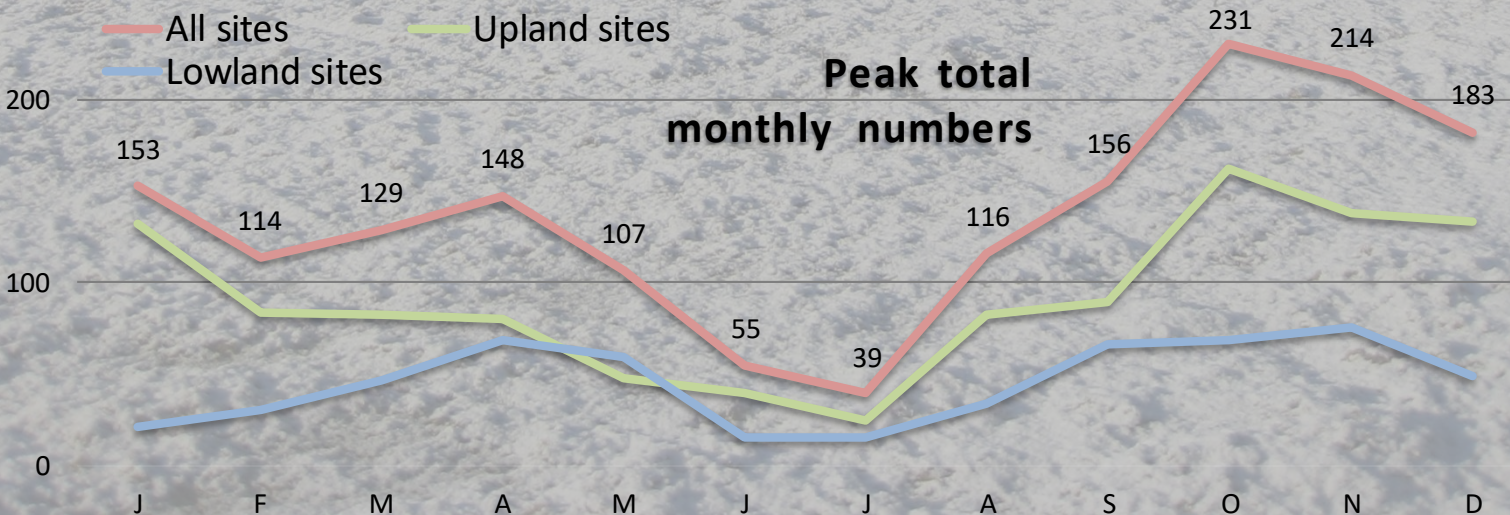
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak numbers by location



Peak total monthly numbers



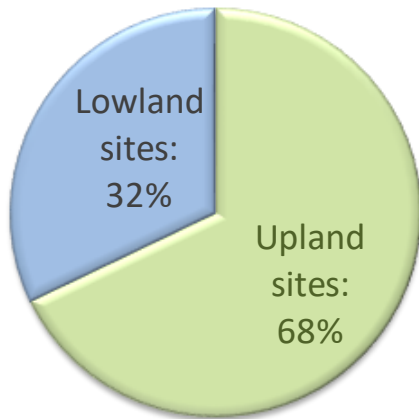
76

Canada Goose (*Branta canadensis*)

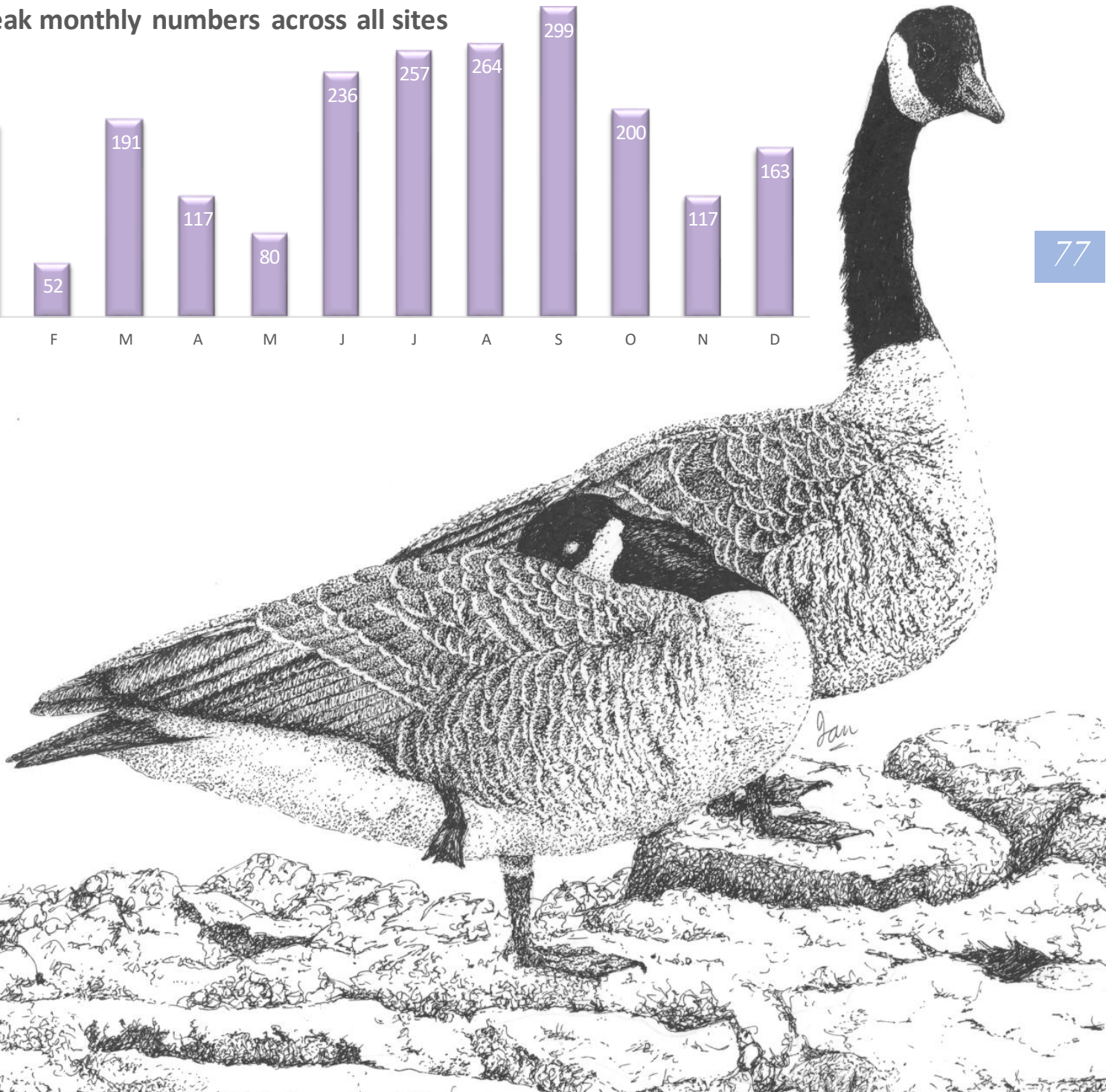
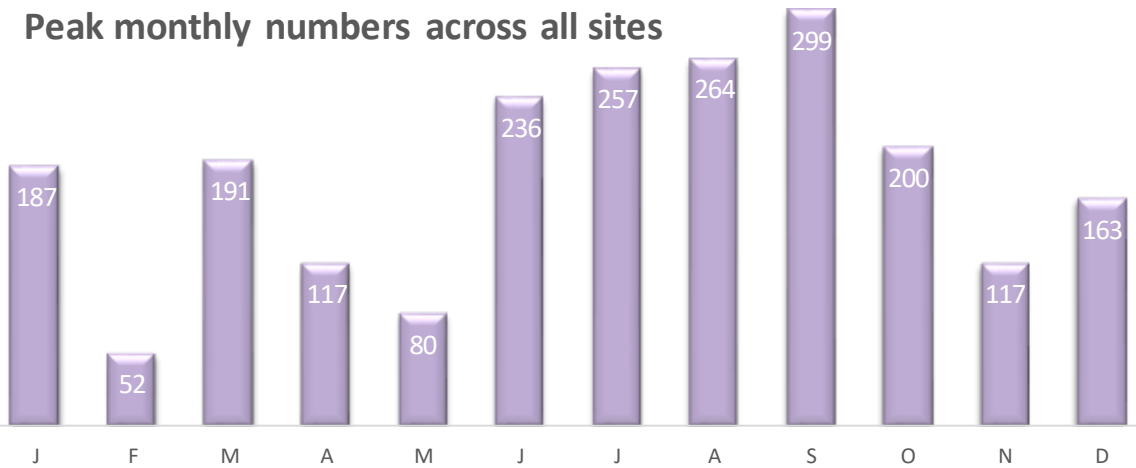
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Setset Reservoir
Crowtrees Quarry	Langdon Beck

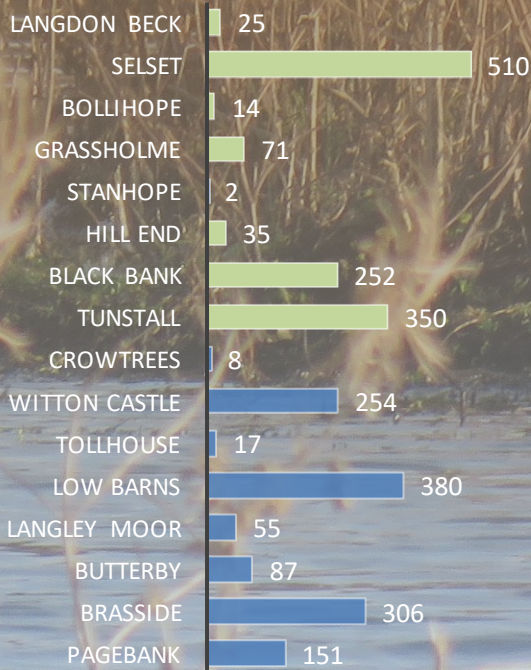
Altitudinal distribution (year totals)



Peak monthly numbers across all sites



Peak counts by location



Species seen at least once at:

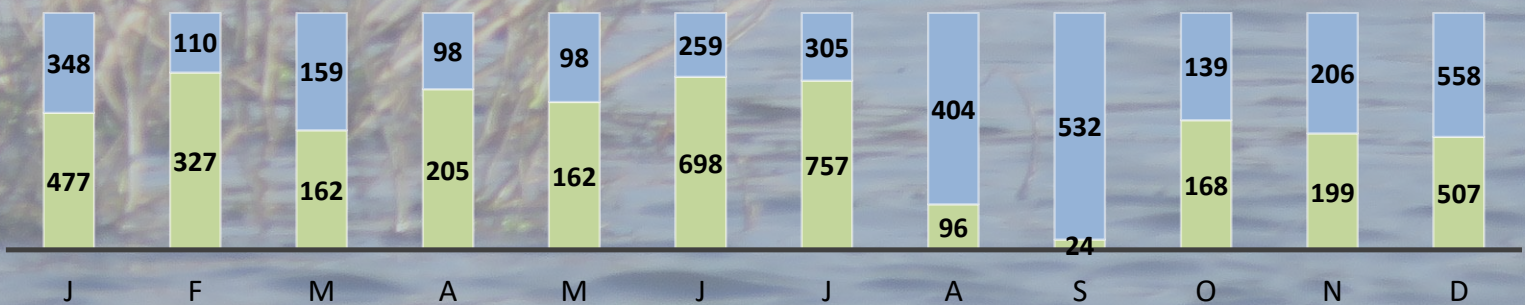
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Greylag Goose (*Anser anser*)

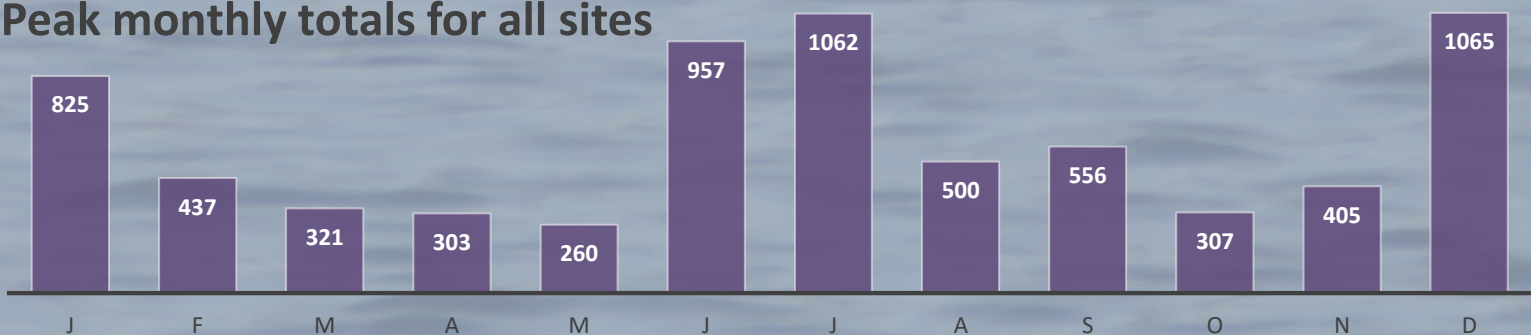


Altitudinal distribution monthly

Upland sites Lowland sites



Peak monthly totals for all sites



White-fronted Goose (*Anser albifrons*)

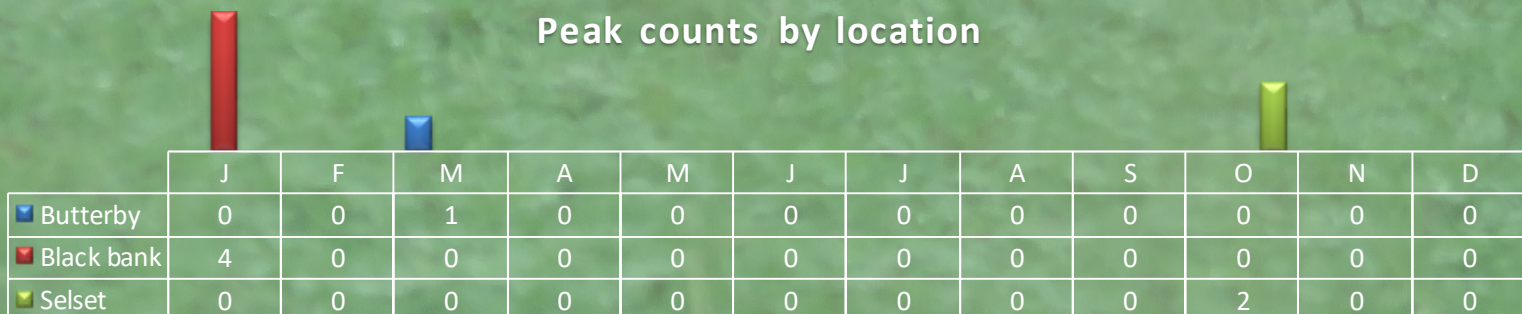
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

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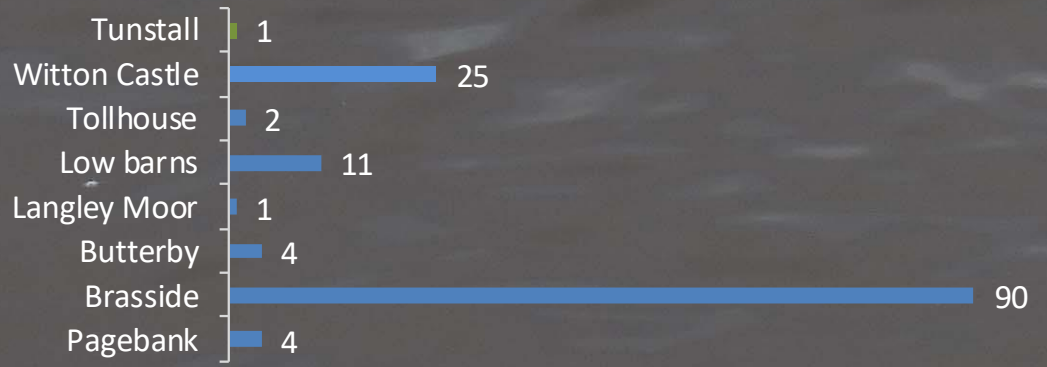
Peak counts by location



Mute Swan

(Cygnus olor)

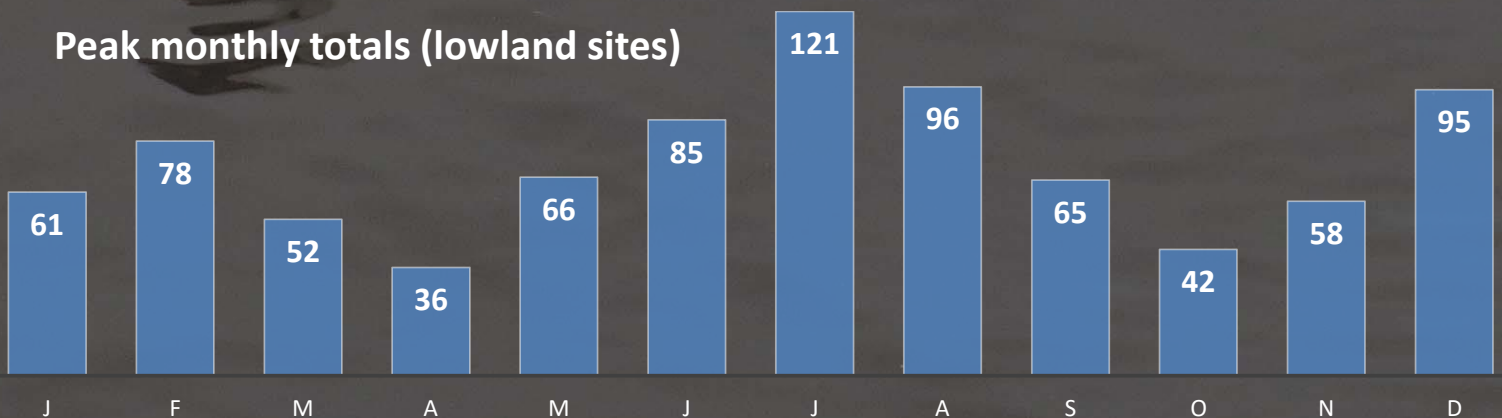
Peak counts by location



Species seen at least once at:

Pagebank	Tunstall Reservoir (1)
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak monthly totals (lowland sites)



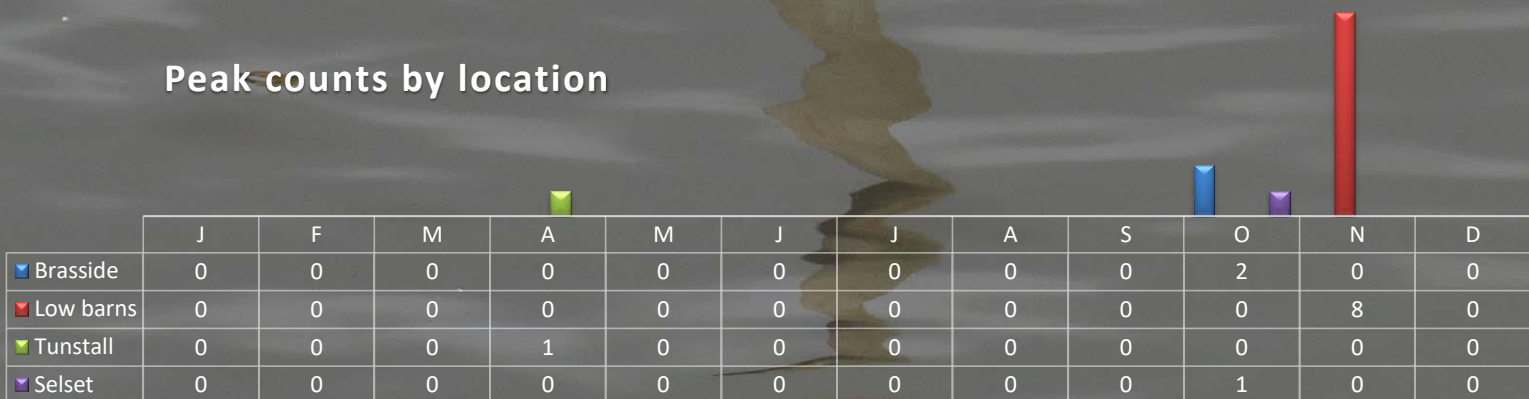
Whooper Swan (*Cygnus cygnus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



Mandarin Duck (*Aix galericulata*)

Species seen at least once at:

Pagebank	Tindal Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollinhope
Witton Castle	Selsel Reservoir
Crowtrees Quarry	Langdon Beck

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Peak counts by location



	J	F	M	A	M	J	J	A	S	O	N	D
▼ Tollhouse	0	1	0	0	0	0	0	0	0	0	0	0
▣ Low barns	0	0	0	0	0	0	0	0	0	0	0	1
▣ Brasside	0	0	0	0	0	0	0	1	0	2	0	0

Shoveler

(Spatula clypeata)

Species seen at least once at:

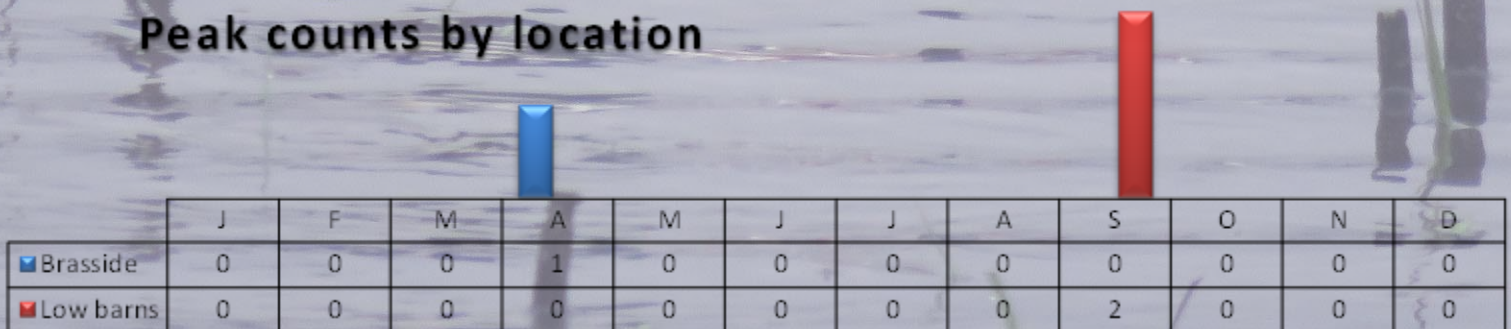
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



85

85

Peak counts by location



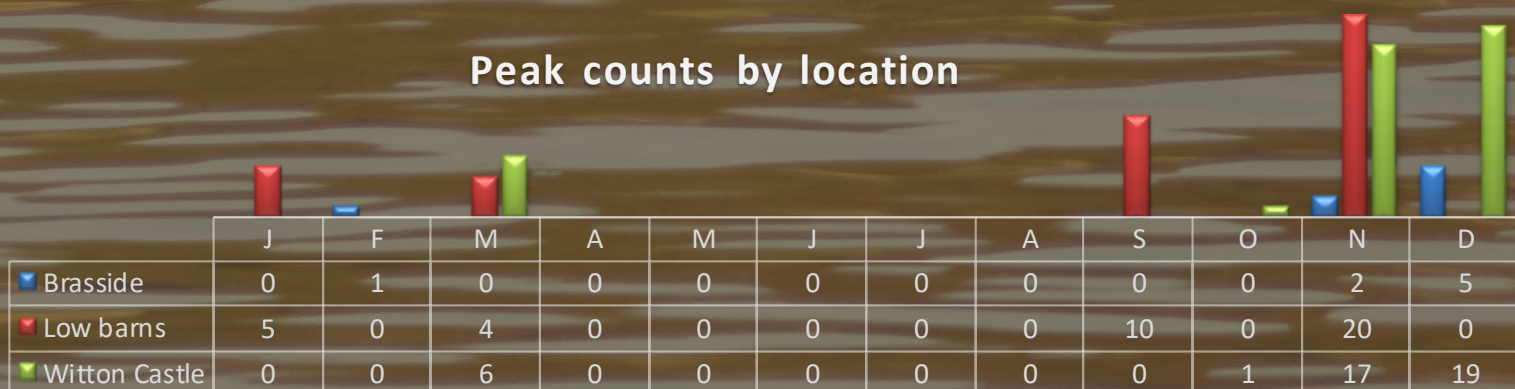
Gadwall (*Mareca Strepera*)

Species seen at least once at:

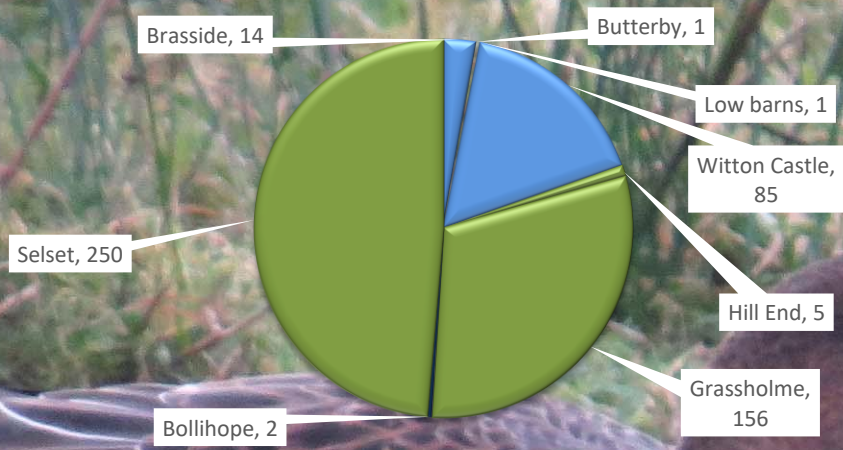
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Select Reservoir
Crowtrees Quarry	Langdon Beck

86

Peak counts by location



Peak monthly count by location



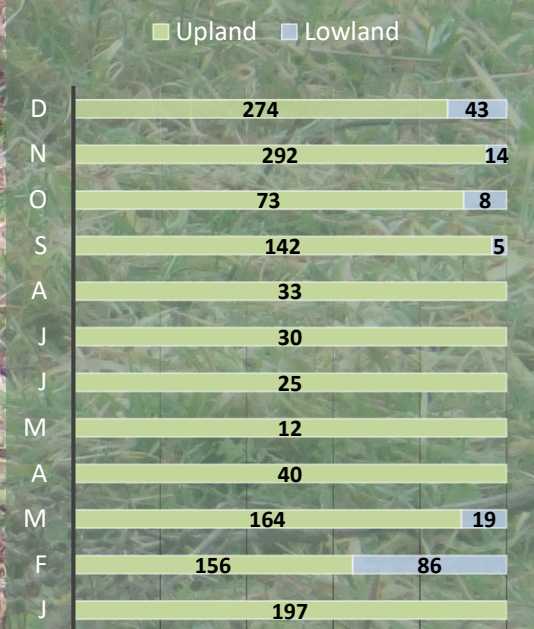
Wigeon (*Mareca penelope*)



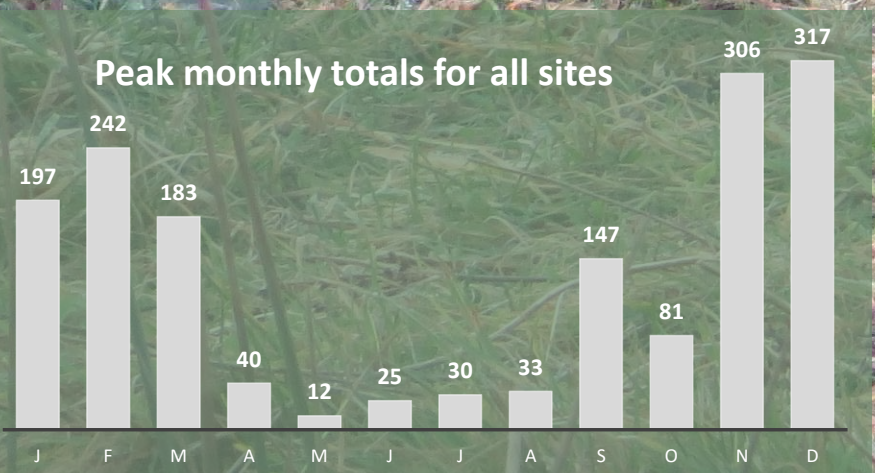
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Altitude distribution peak monthly



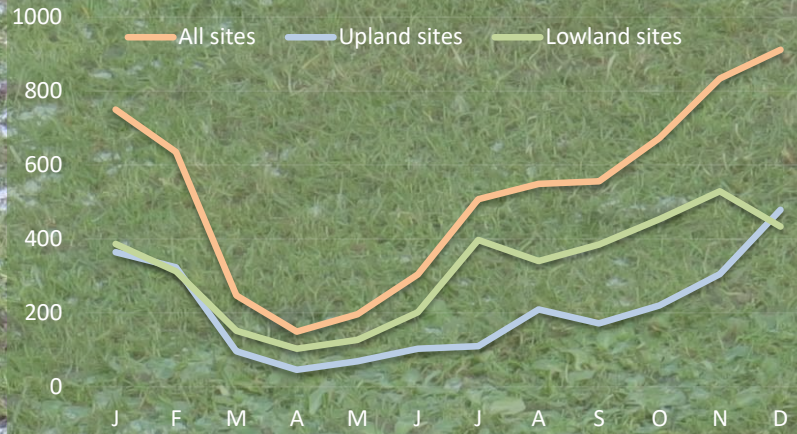
Peak monthly totals for all sites



Species seen at least once at:

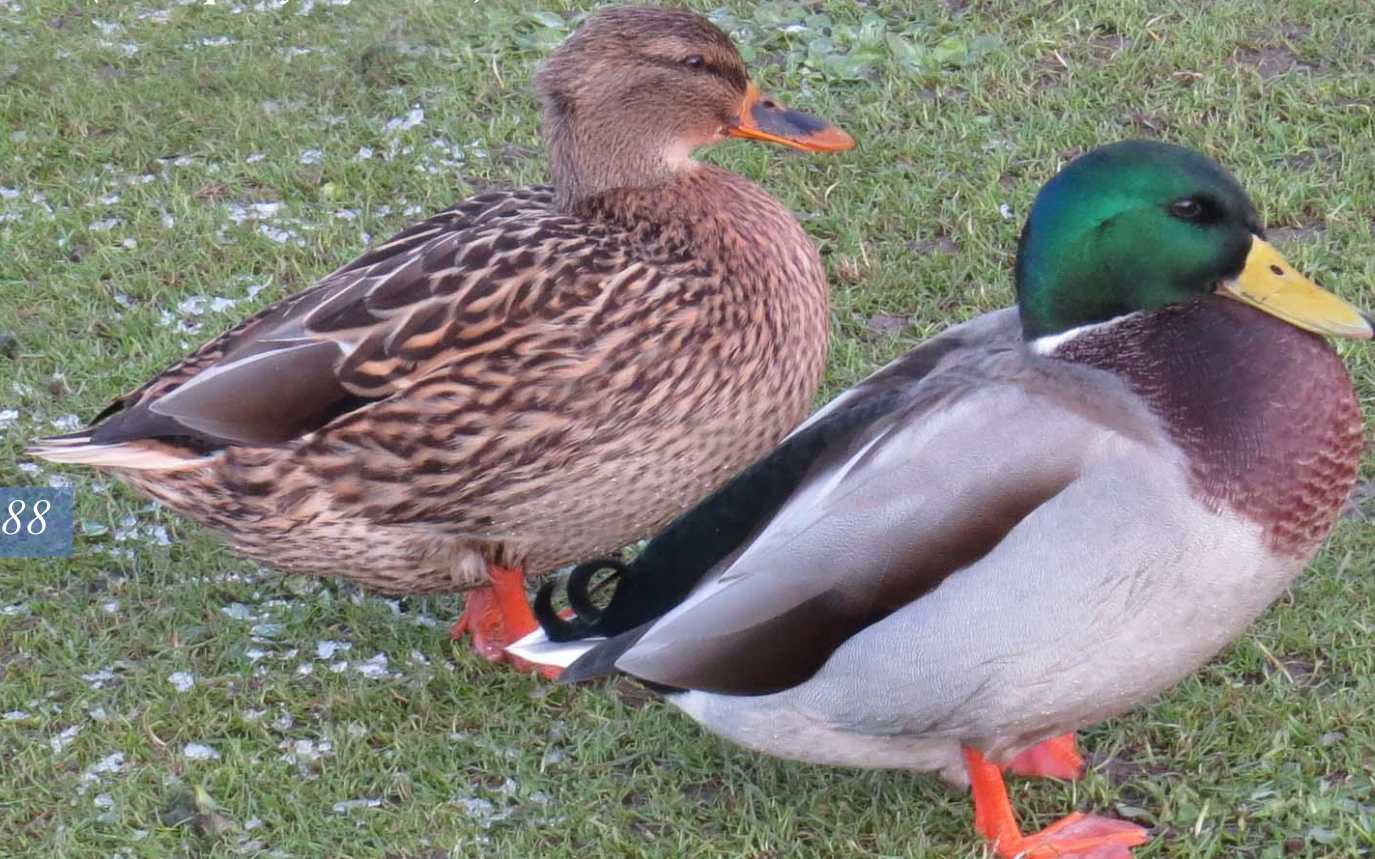
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak total monthly counts



Mallard

(Anas platyrhynchos)



Peak counts by location



Pintail (*Anas acuta*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location

	J	F	M	A	M	J	J	A	S	O	N	D
Butterby	0	0	0	0	0	0	1	0	0	0	0	0

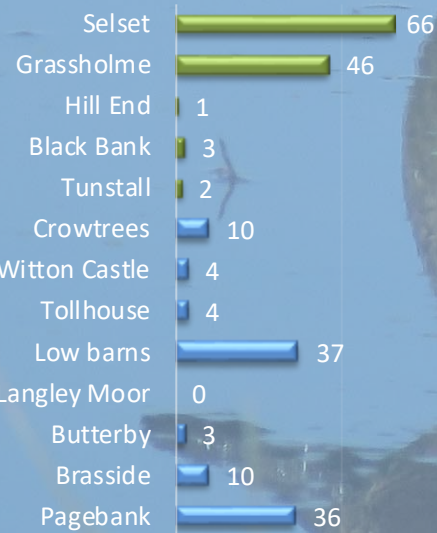
Teal (*Anas crecca*)

Species seen at least once at:

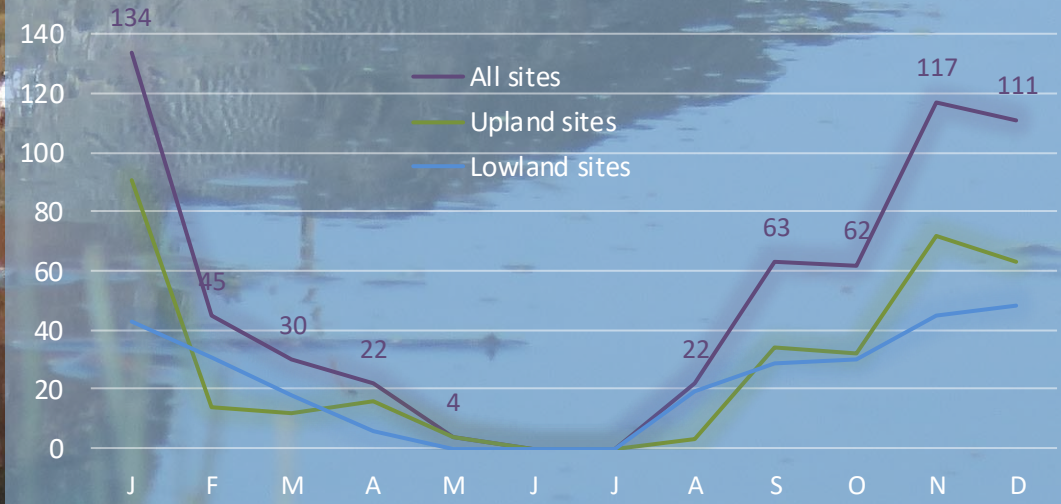
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Starhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



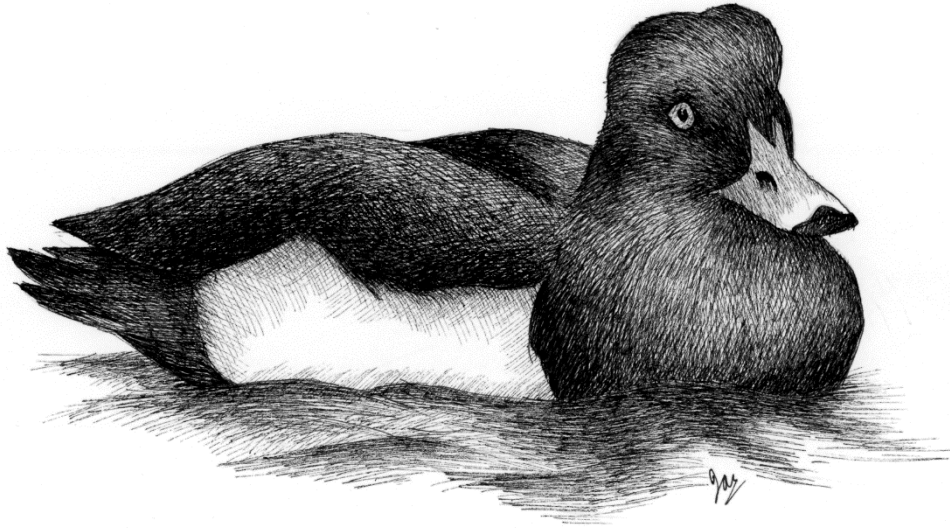
Peak monthly counts



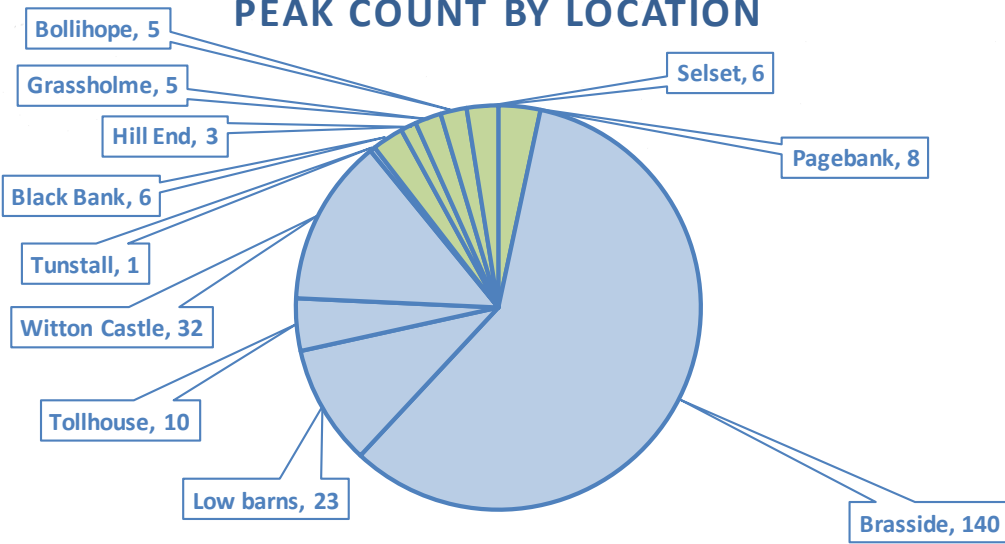
Tufted Duck (*Aythya fuligula*)

Species seen at least once at:

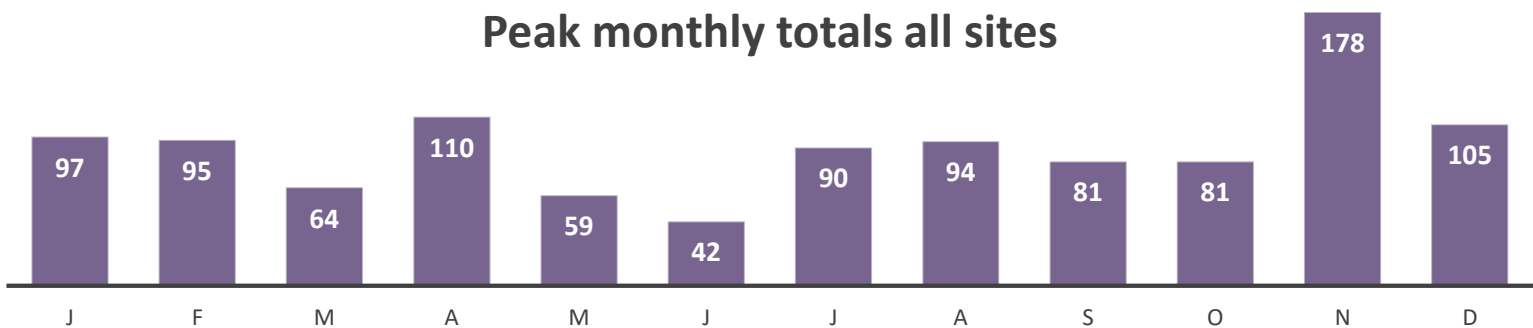
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



PEAK COUNT BY LOCATION



Peak monthly totals all sites



Goldeneye (*Bucephala clangula*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



	J	F	M	A	M	J	J	A	S	O	N	D
Brasside	15	13	6	3	0	1	0	0	1	0	3	7
Low barns	2	4	3	2	0	0	0	0	0	2	8	6
Witton Castle	1	5	2	0	0	0	0	0	0	2	2	4
Tunstall	0	1	0	0	0	0	0	0	0	1	0	0
Grassholme	2	2	3	0	0	0	0	0	0	0	1	0
Selset	2	0	0	0	0	0	0	0	0	0	0	0
TOTAL ALL SITES	22	25	14	5	0	1	0	0	1	5	14	17

Goosander (*Mergus merganser*)

Species seen at least once at:

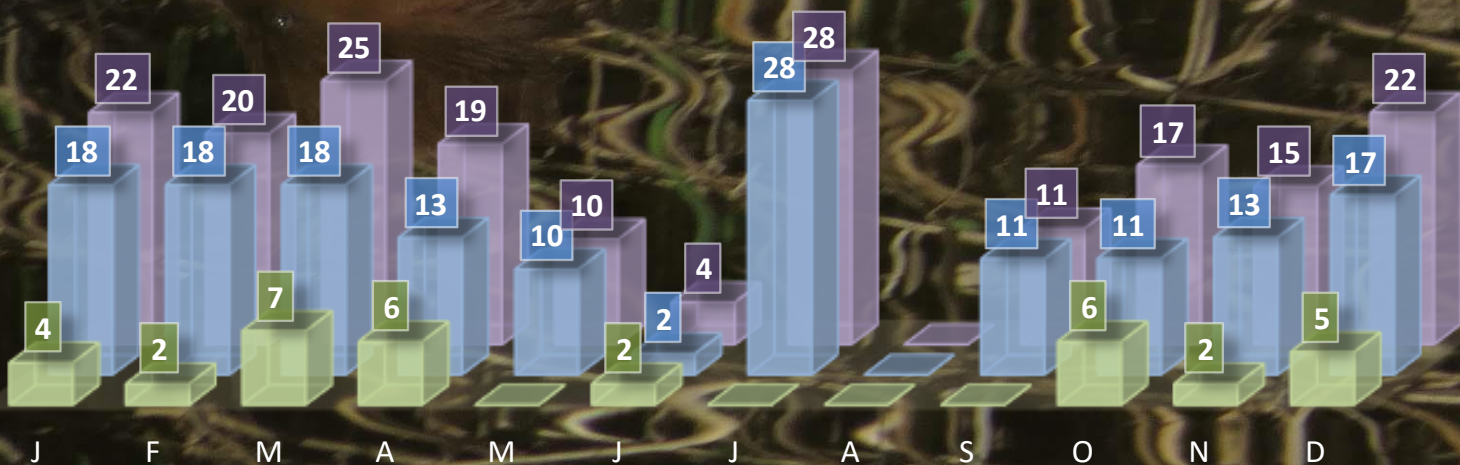
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



PEAK TOTAL MONTHLY COUNTS

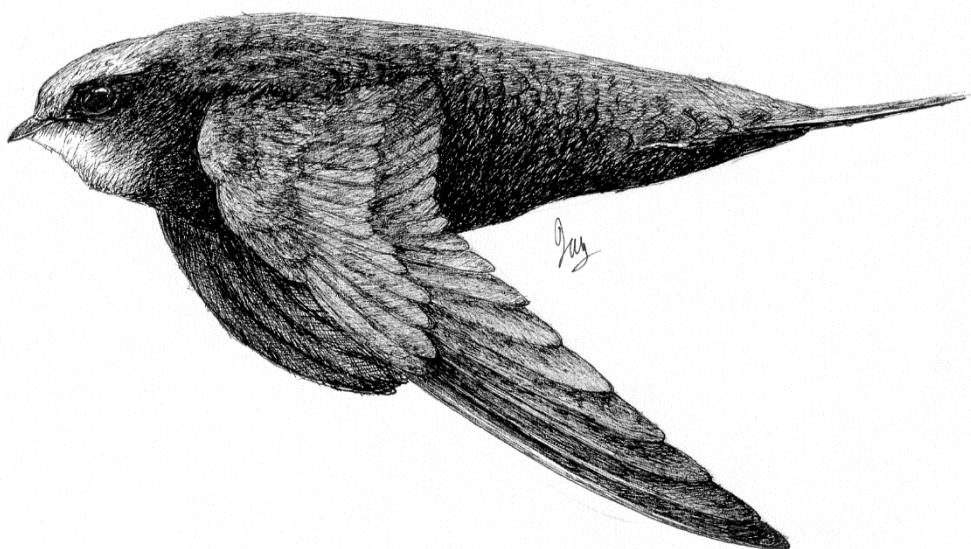
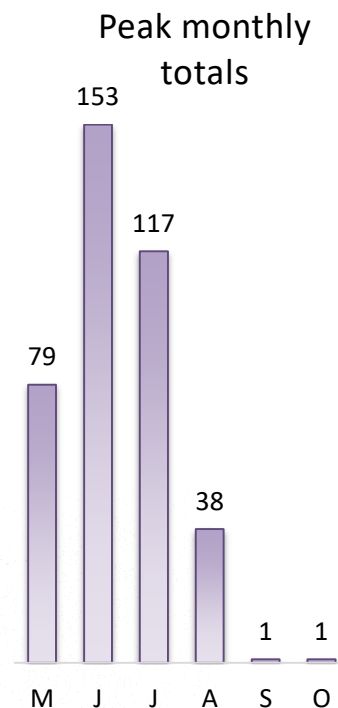
■ Upland sites ■ Lowland sites ■ All sites



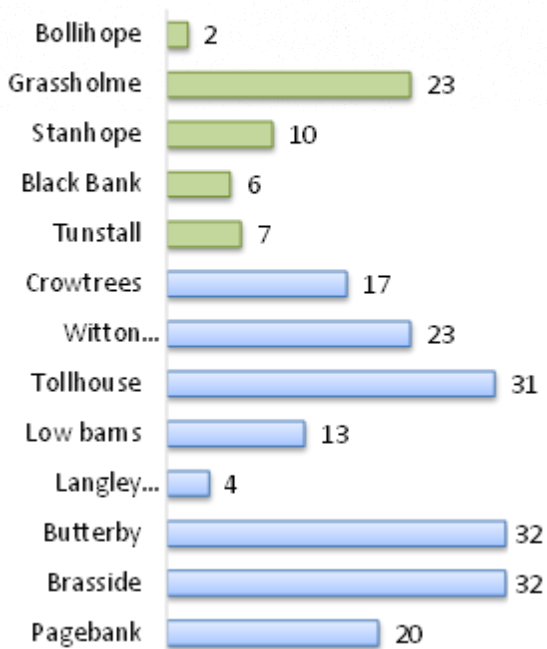
Swift (*Apus apus*)

Species seen at least once at:

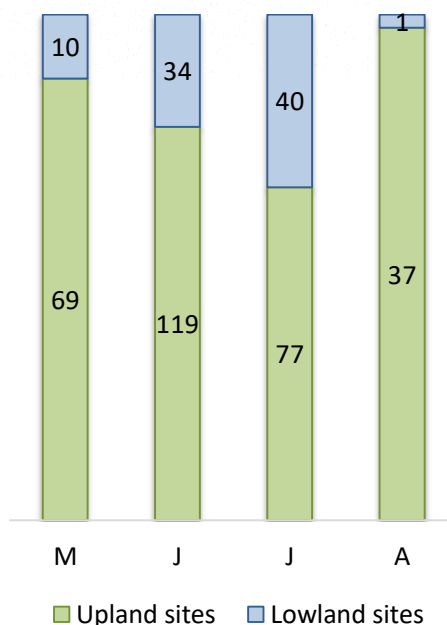
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak monthly count per location



Altitudanal peak counts



Cuckoo (*Cuculus canorus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location

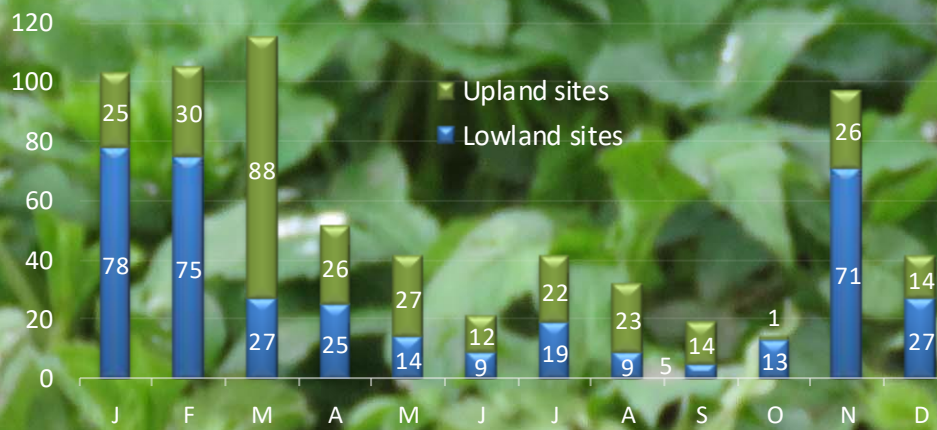


PEAK TOTAL MONTHLY COUNTS



Peak monthly all sites and altitudanal split

Stock Dove (*Columba oenas*)



99

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Wood Pigeon

(Columba palumbus)

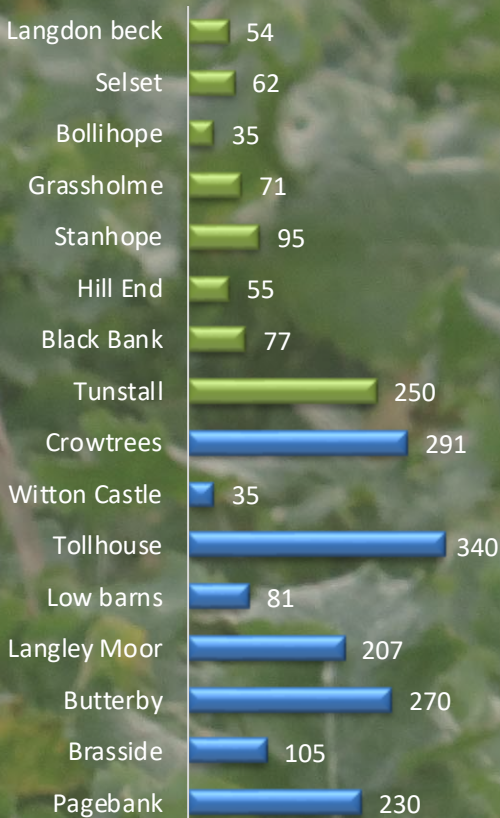
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

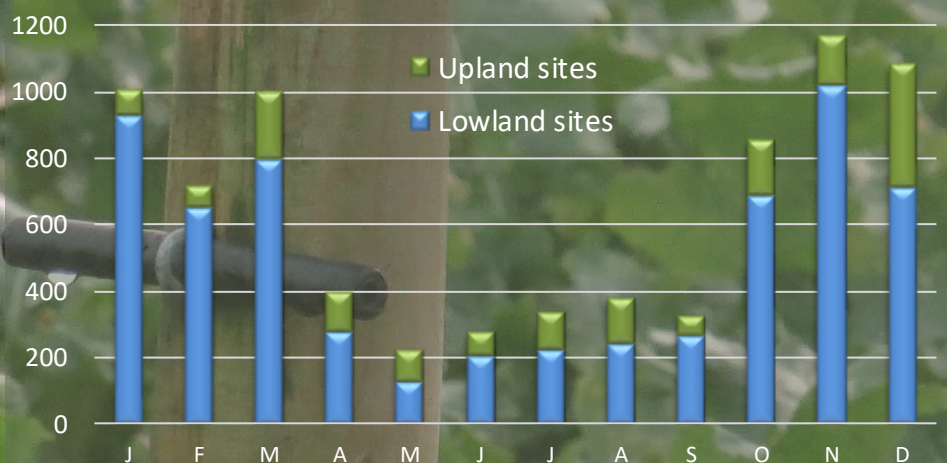


100

Peak counts by location



Peak monthly counts and altitudinal split

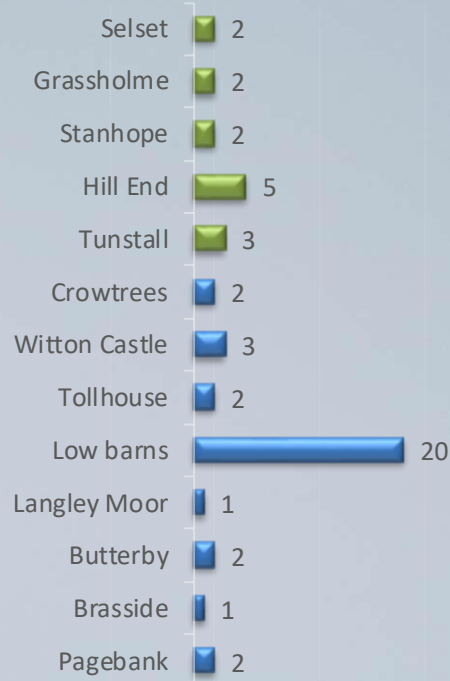


Collared Dove (*Streptopelia decaocto*)

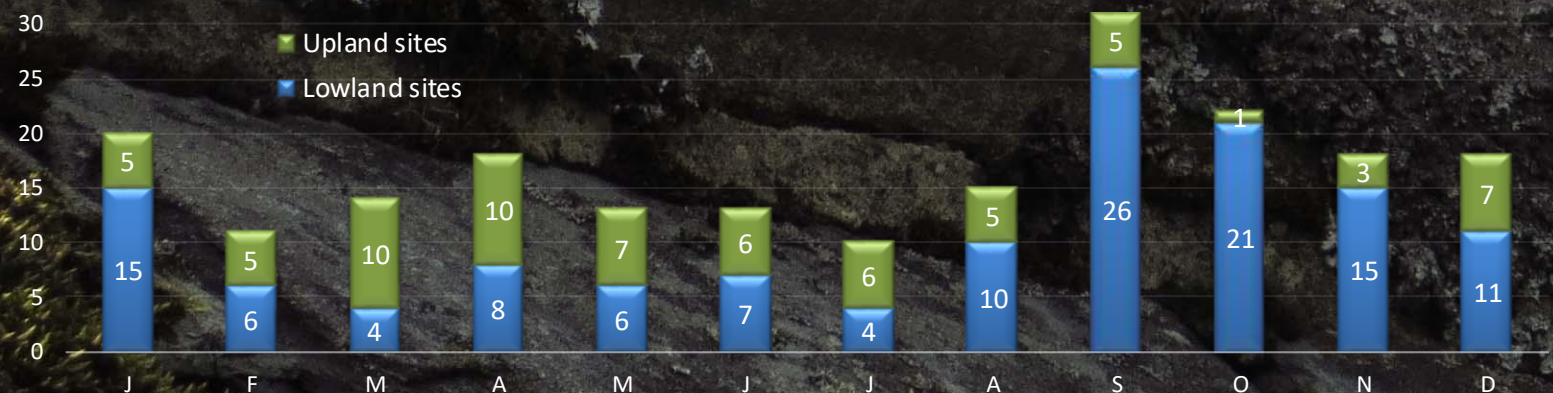
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



Peak monthly counts and altitudanal split



Peak counts by location

	J	F	M	A	M	J	J	A	S	O	N	D
Butterby	1	1	1	0	1	0	1	0	0	0	1	1
Low barns	1	0	0	0	0	0	0	0	1	0	1	0

Water Rail (*Rallus aquaticus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Starhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

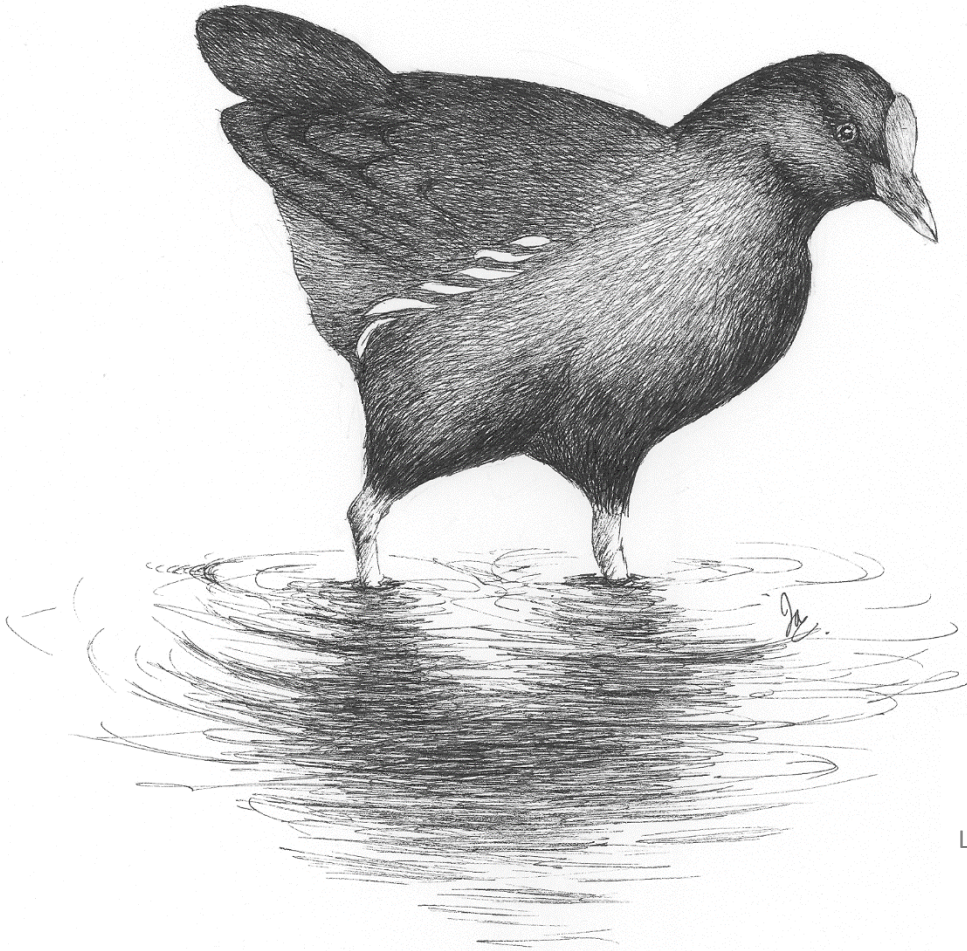


Moorhen

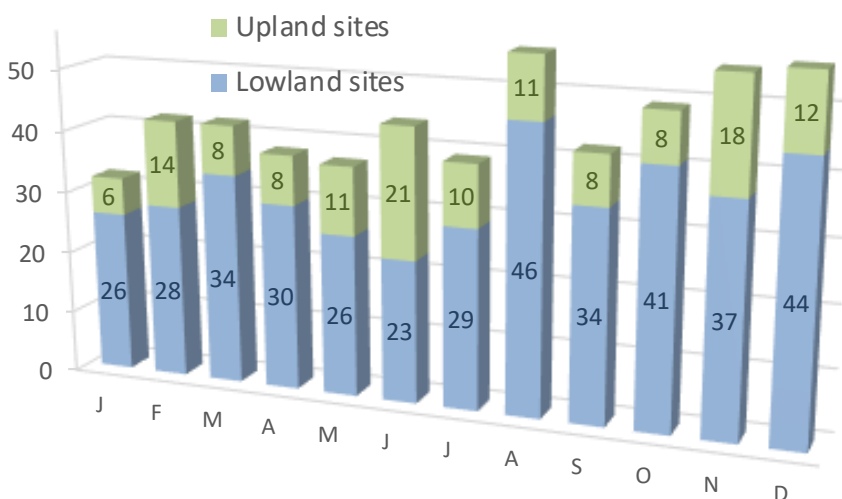
(Gallinula chloropus)

Species seen at least once at:

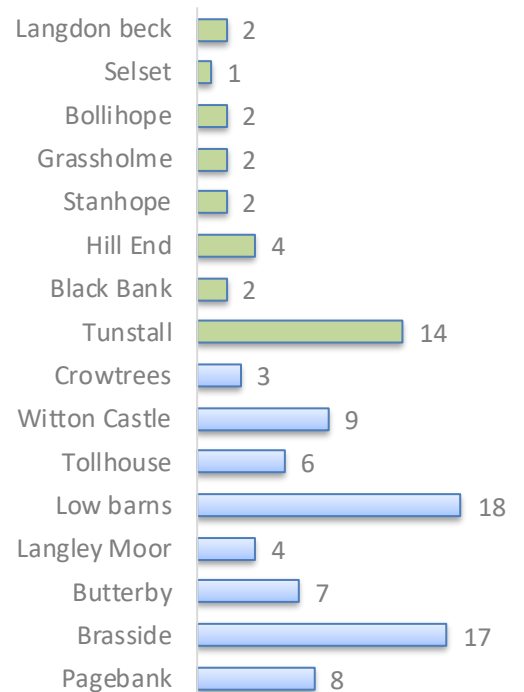
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



PEAK COUNTS BY ALTITUDE



Peak counts by location

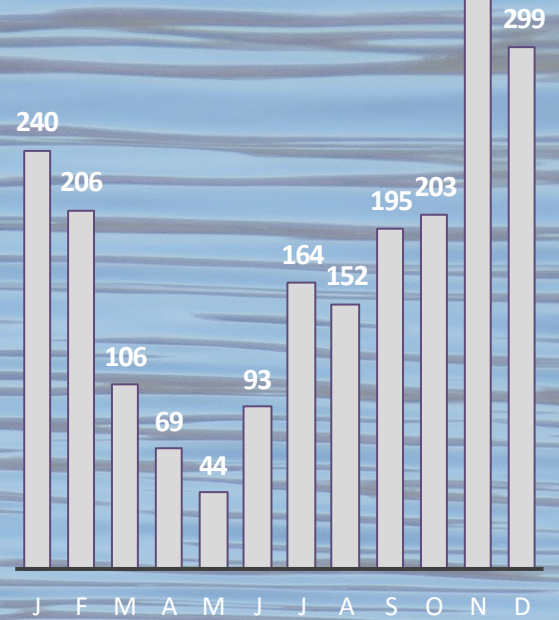


Coot (*Fulica atra*)

Species seen at least once at:

Pagebank (3)	Tunstall Reservoir (1)
Brasside Ponds	Black Bank
Butterby (4)	Hill End (1)
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area (8)	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry (4)	Langdon Beck

Peak monthly counts for all sites

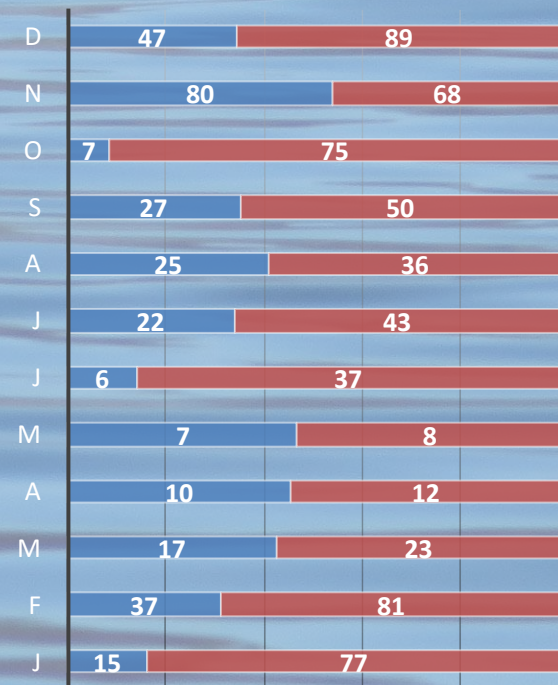


104



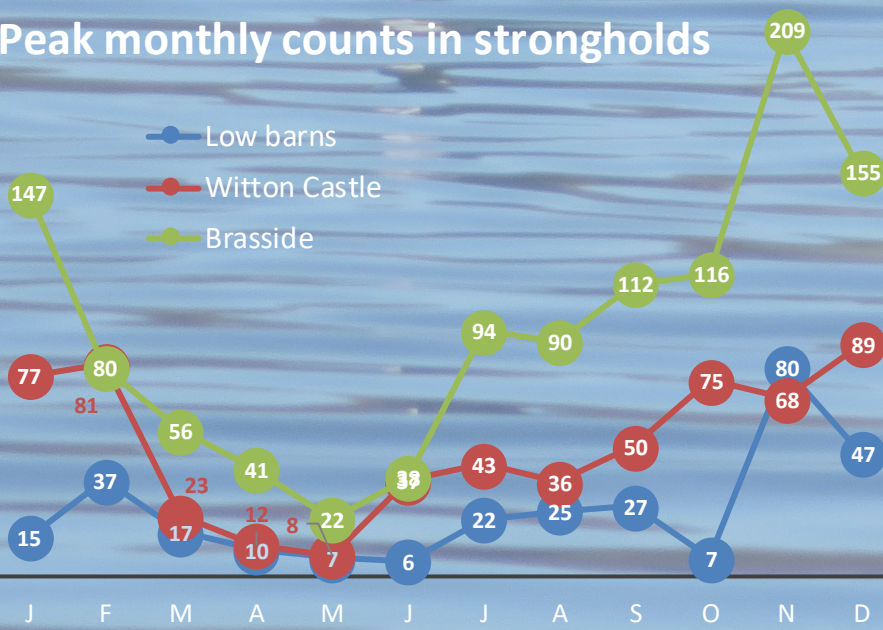
Distribution between adjoining Low Barns & Witton Castle

Low barns (blue) Witton Castle (red)



Peak monthly counts in strongholds

Low barns (blue)
Witton Castle (red)
Brasside (green)



Little Grebe

(Tachybaptus ruficollis)

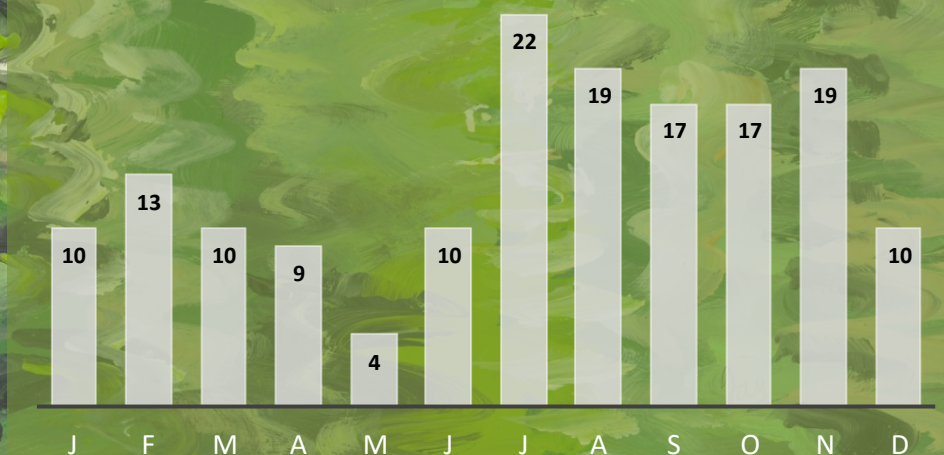
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Hollihope
Witton Castle	Seslet Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



Peak total numbers monthly



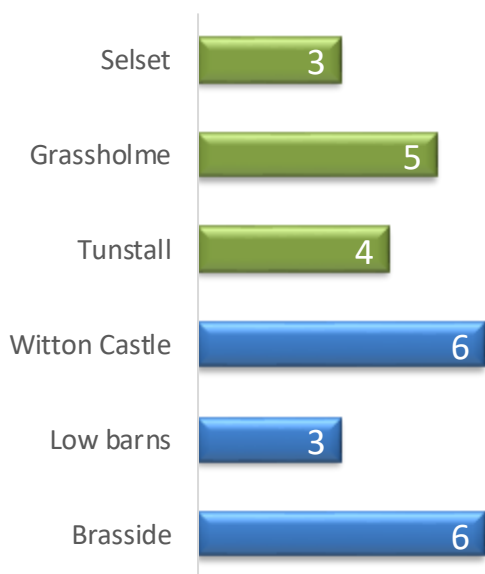
Great Crested Grebe (*Podiceps cristatus*)

Species seen at least once at:

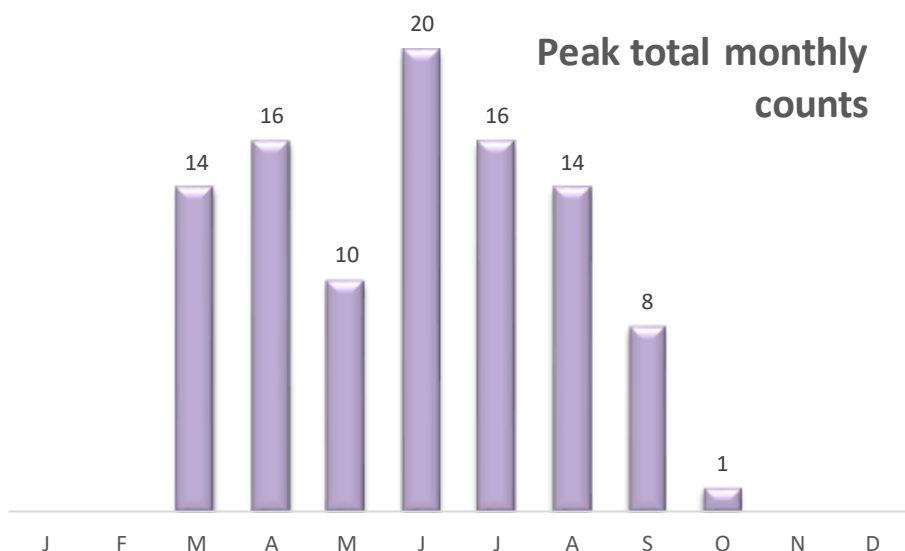
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



Peak total monthly counts



Oystercatcher

(Haematopus ostralegus)

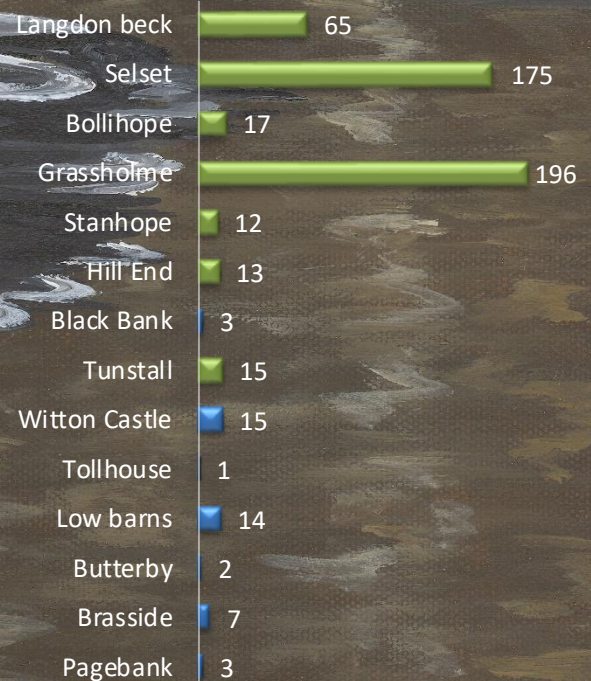
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

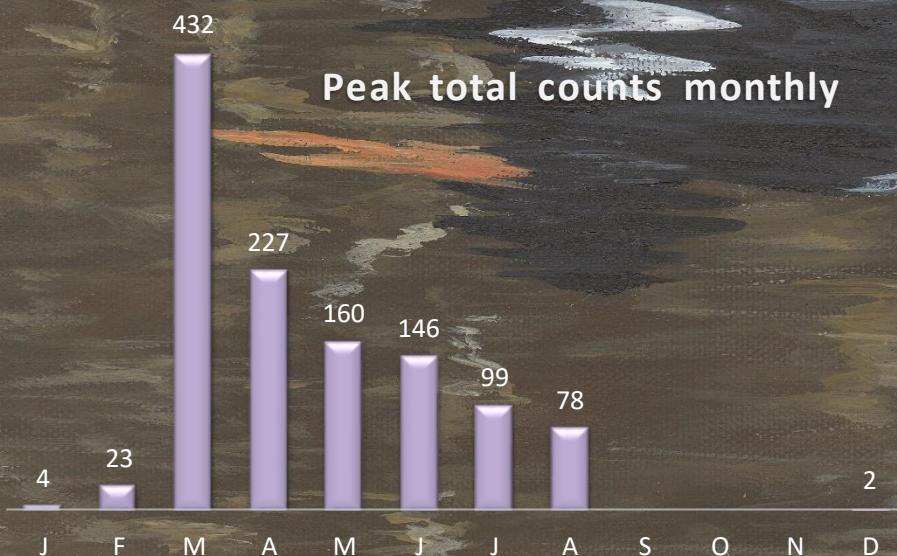


107

Peak counts by location



Peak total counts monthly



Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



Lapwing

(Vanellus vanellus)



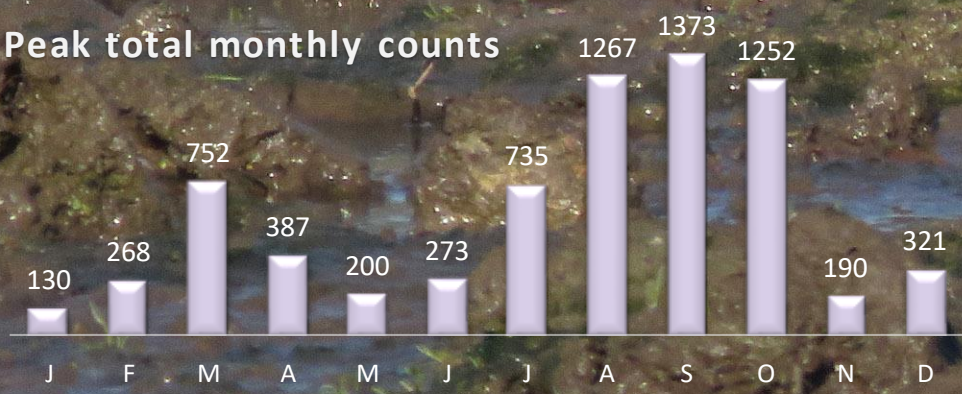
108

Altitudanal distribution

Upland sites Lowland sites



Peak total monthly counts



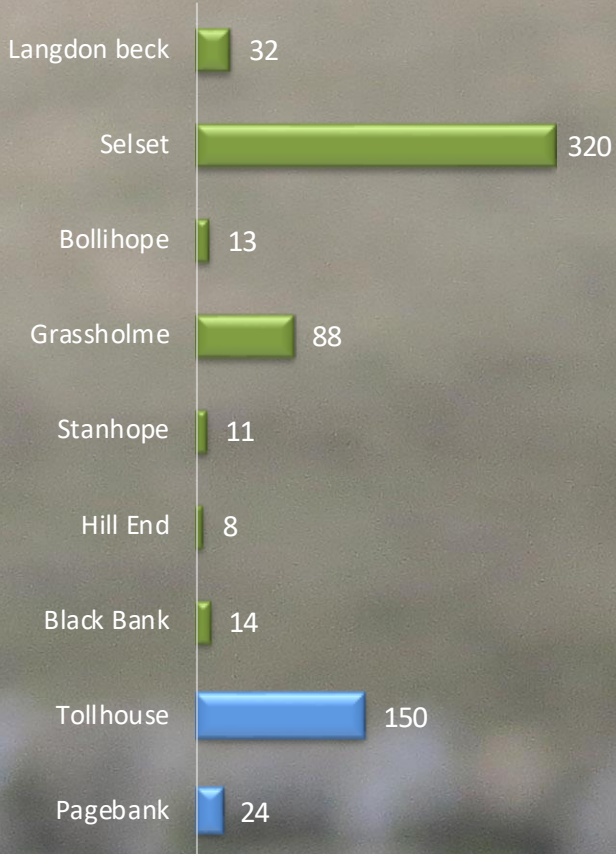
Peak location counts

Golden Plover

(Pluvialis apricaria)

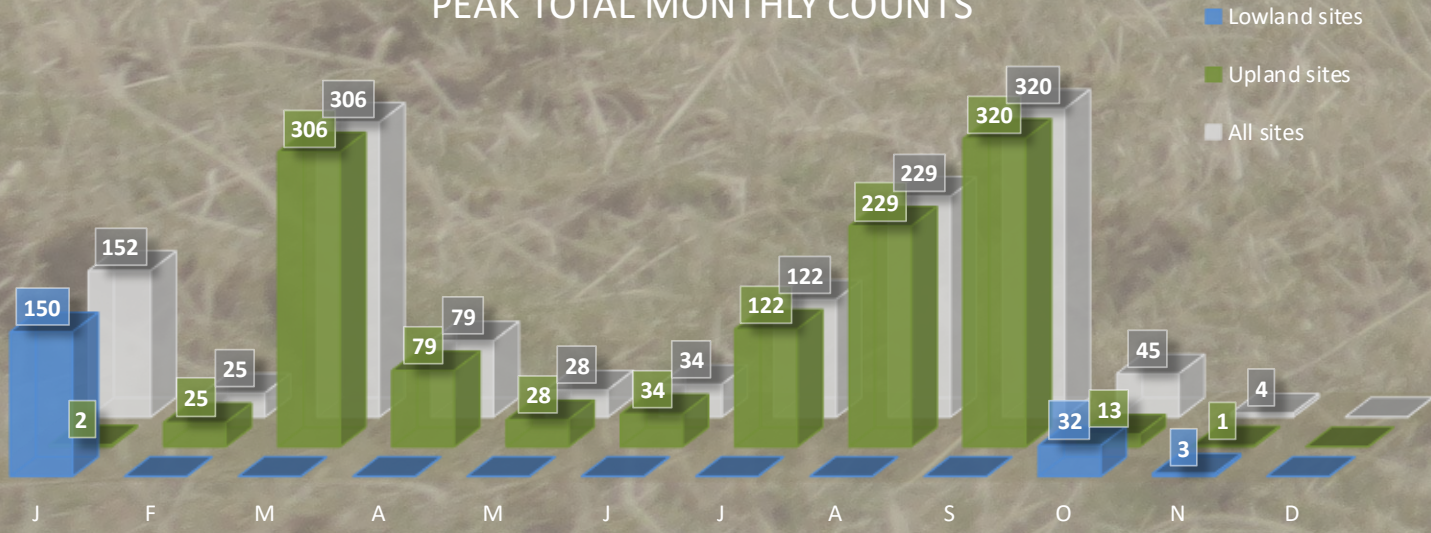
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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PEAK TOTAL MONTHLY COUNTS



Ringed Plover (*Charadrius hiaticula*)

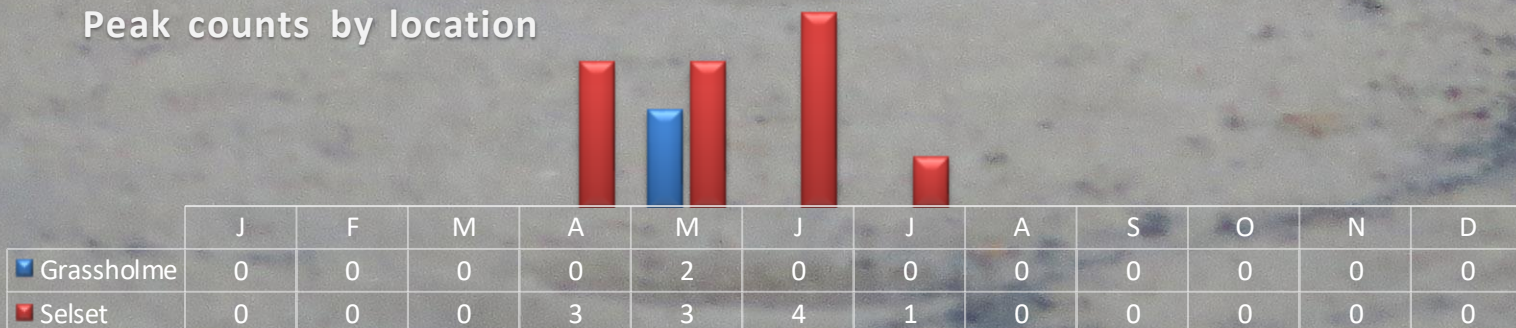
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Peak counts by location



Species seen at least once at:

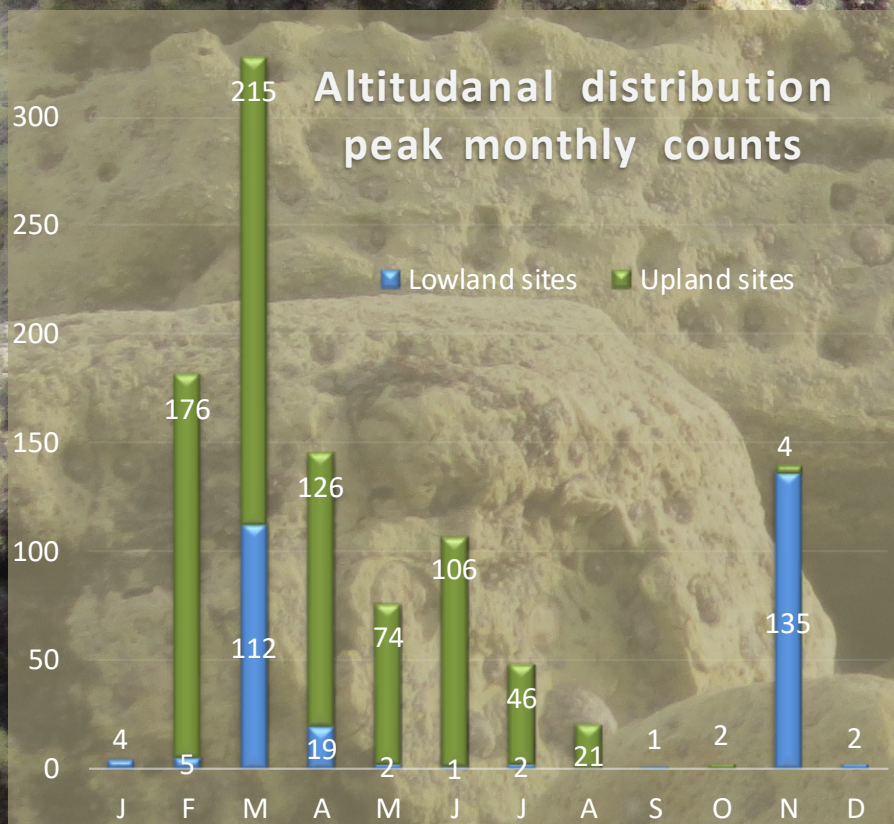
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Curlew

(Numenius arquata)



111



Dunlin (*Calidris alpina*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



Woodcock

(Scolopax rusticola)

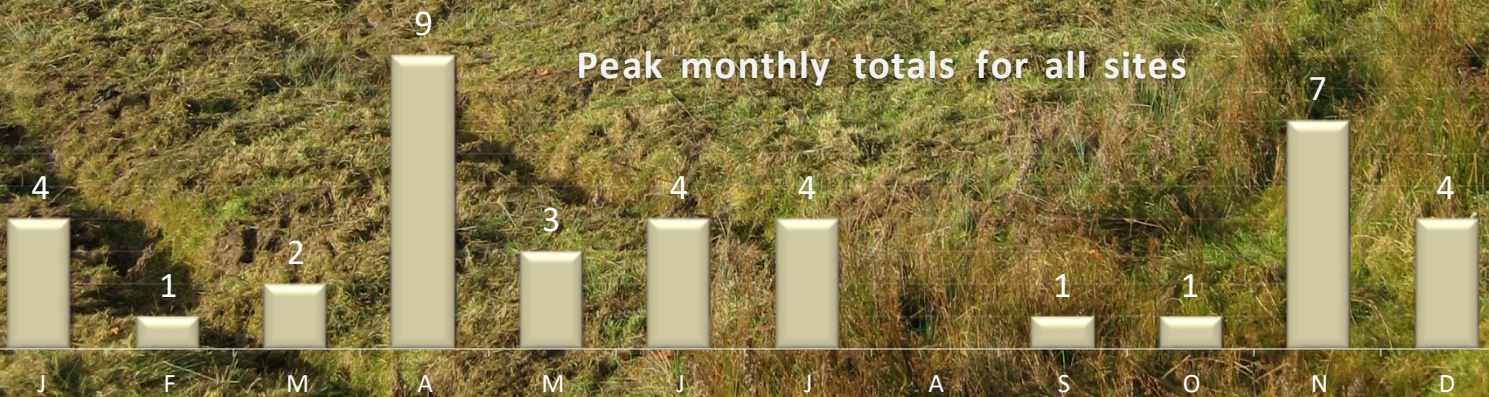


Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Wilton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

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Peak monthly totals for all sites



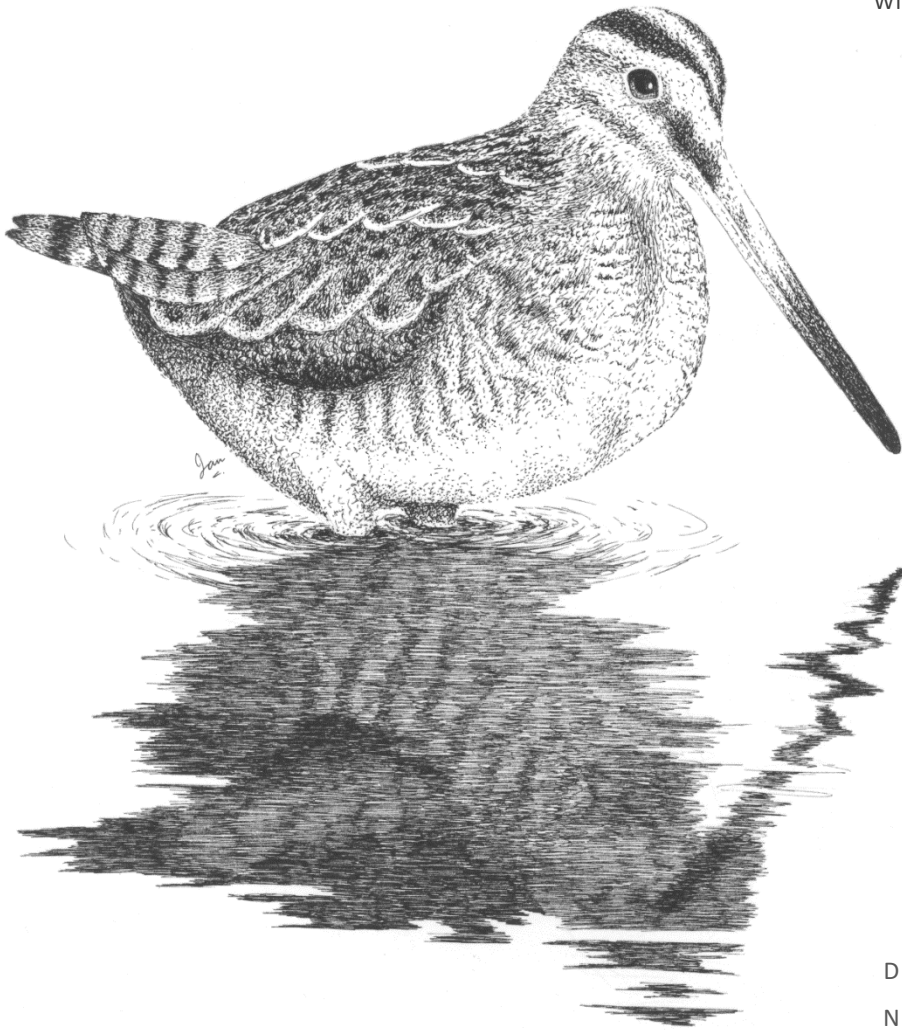
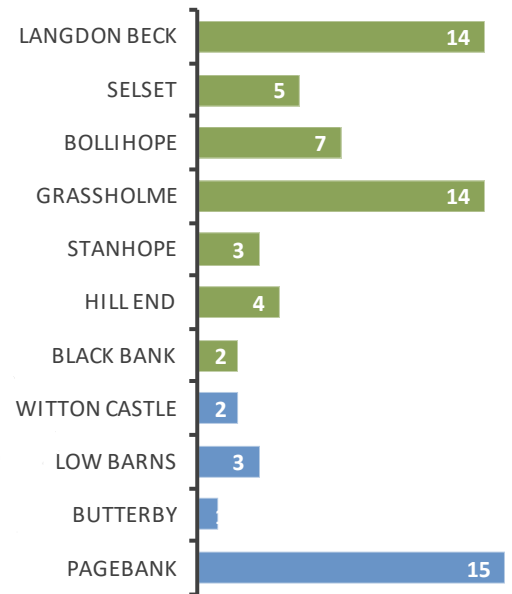
Peak counts by location



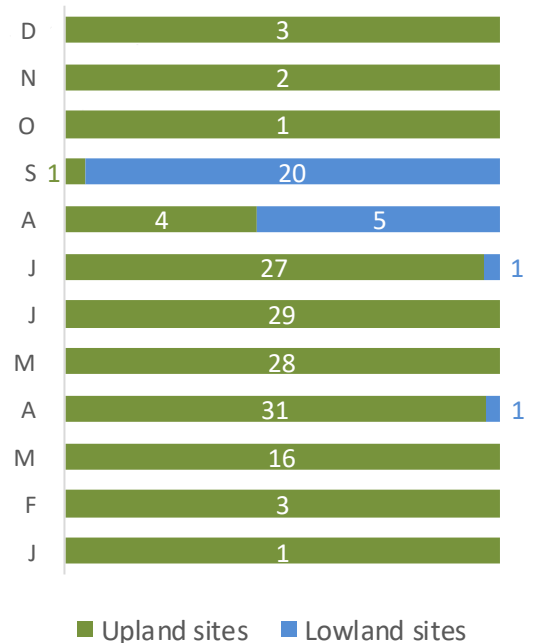
Snipe (*Gallinago gallinago*)

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

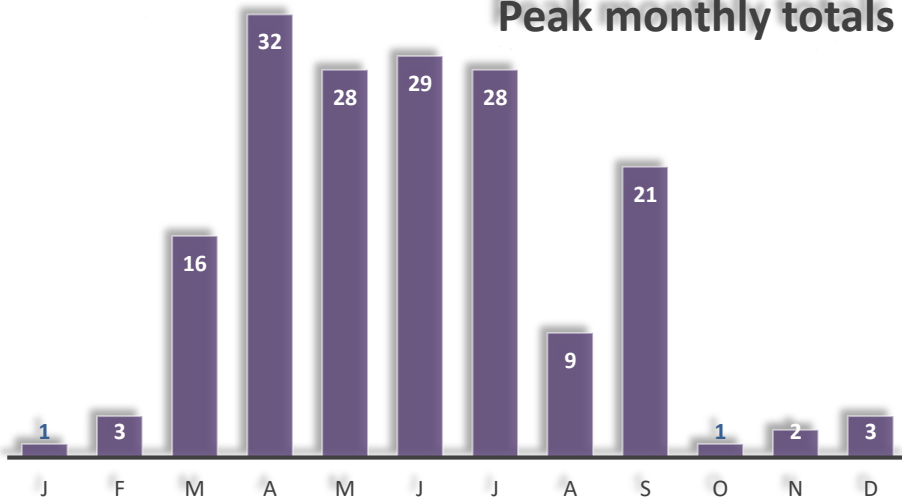
Peak counts by location



ALTITUDANAL PEAK MONTHLY NUMBERS



Peak monthly totals



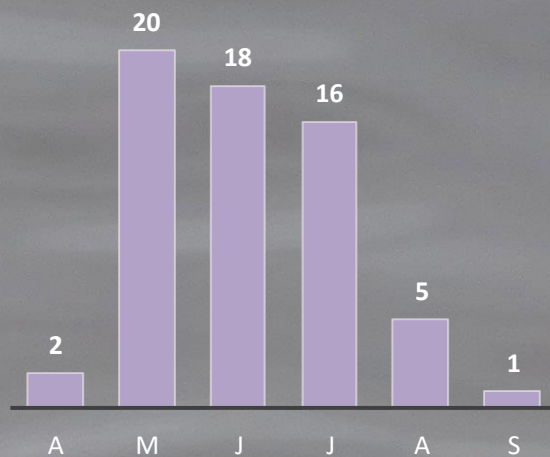
Common Sandpiper

(Actitis hypoleucos)

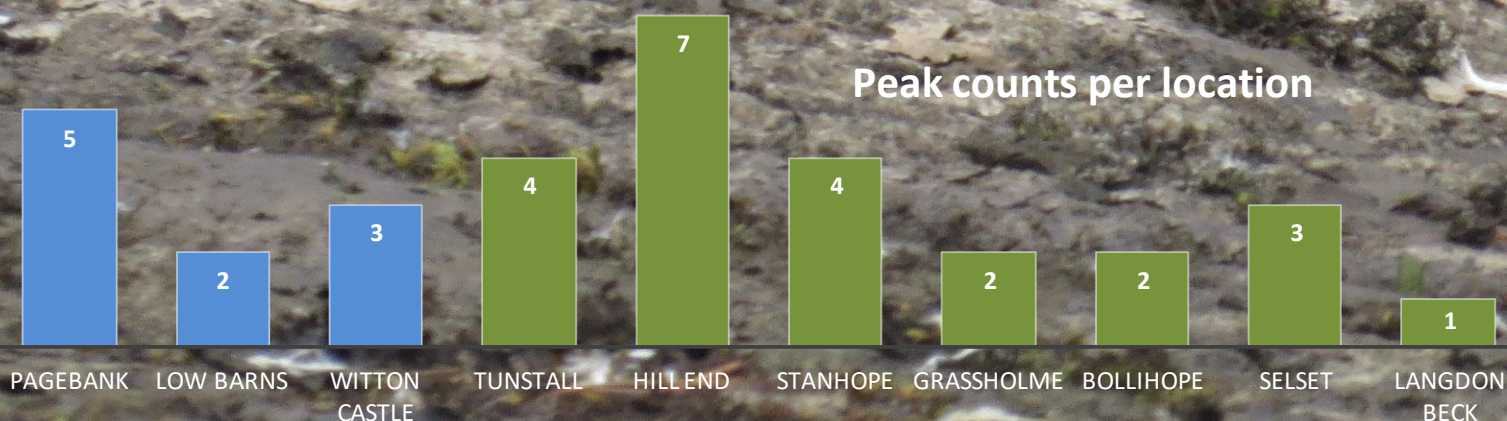
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak monthly totals all sites



Peak counts per location

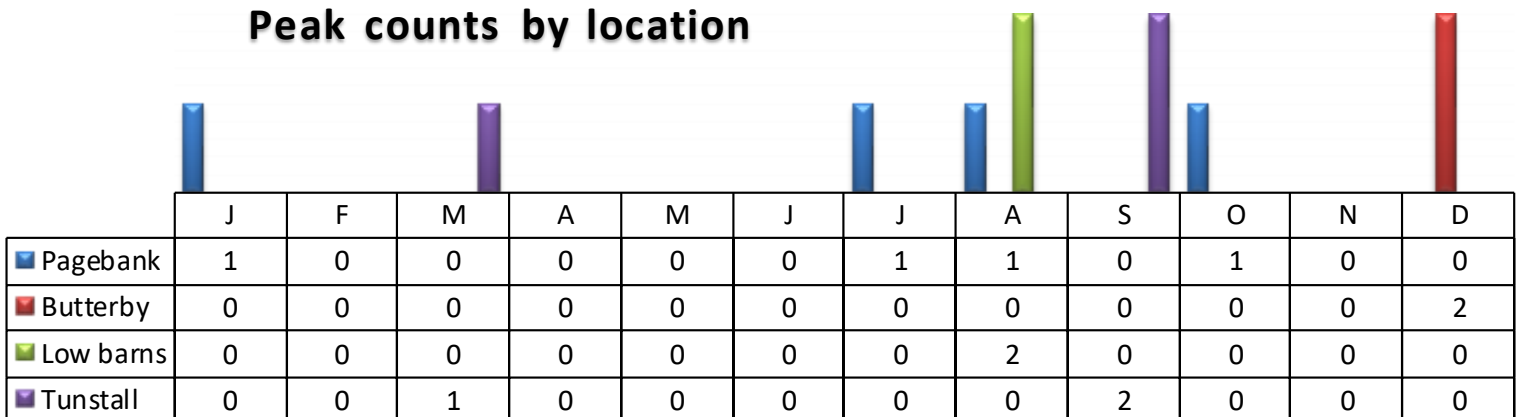


Green Sandpiper (*Tringa ochropus*)

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



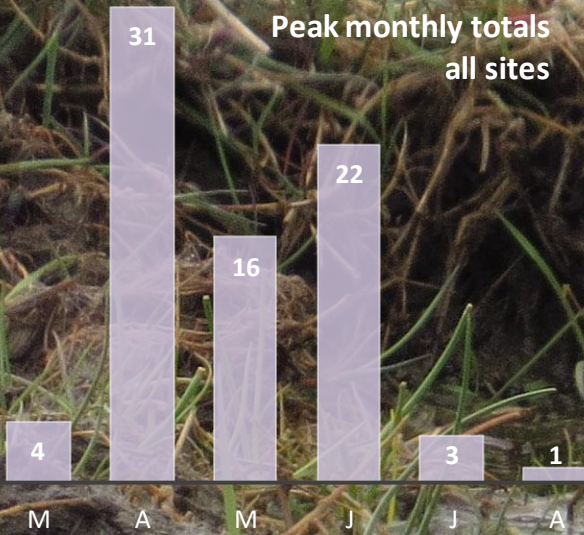
Redshank

(Tringa tetanus)

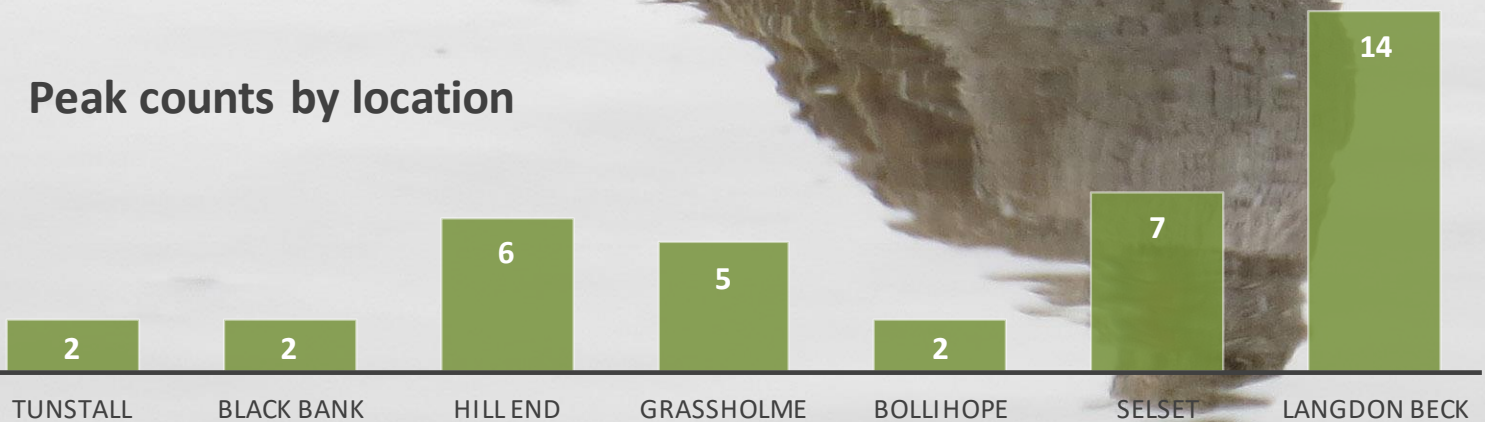
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak monthly totals
all sites



Peak counts by location



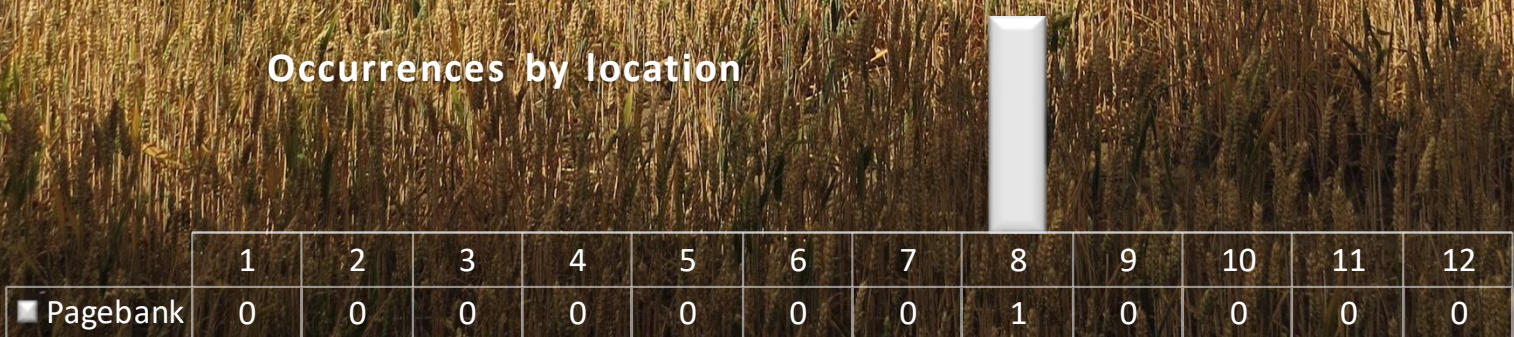
Greenshank (*Tringa nebularia*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Occurrences by location



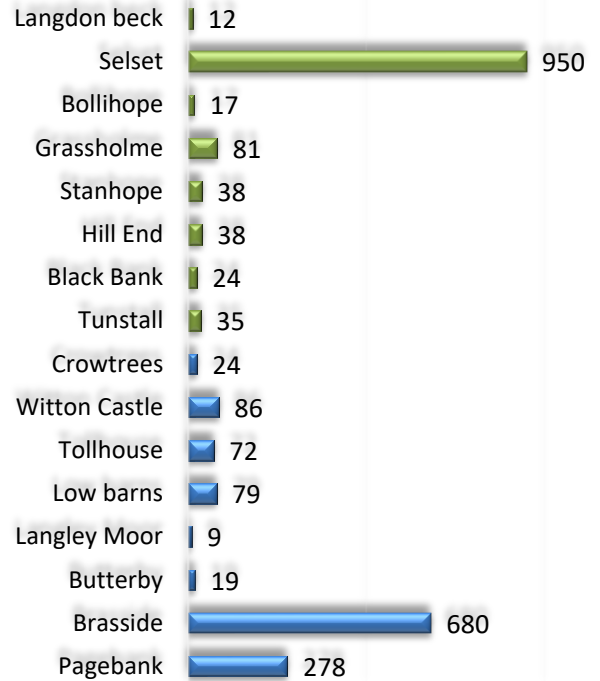
■ Pagebank	0	0	0	0	0	0	0	1	0	0	0	0
------------	---	---	---	---	---	---	---	---	---	---	---	---

Black-headed Gull (*Chroicocephalus ridibundus*)

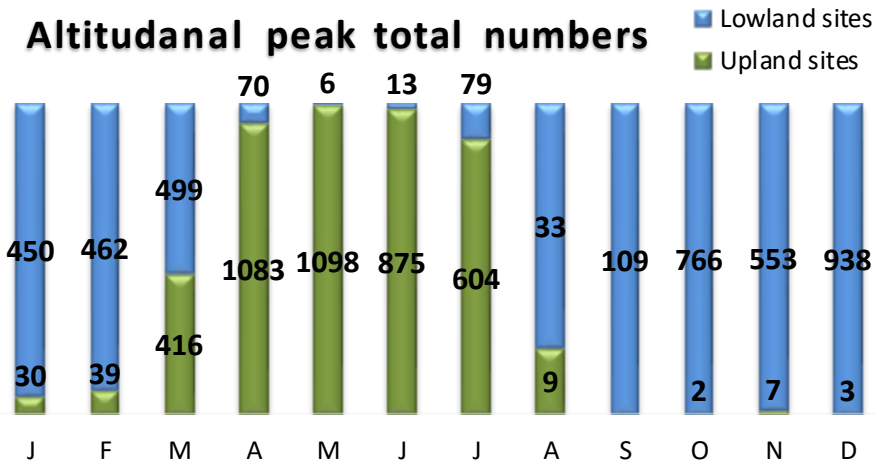
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

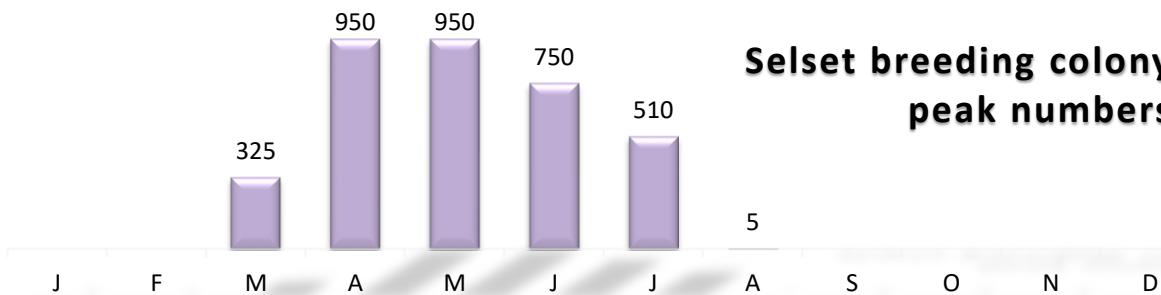
Peak counts by location



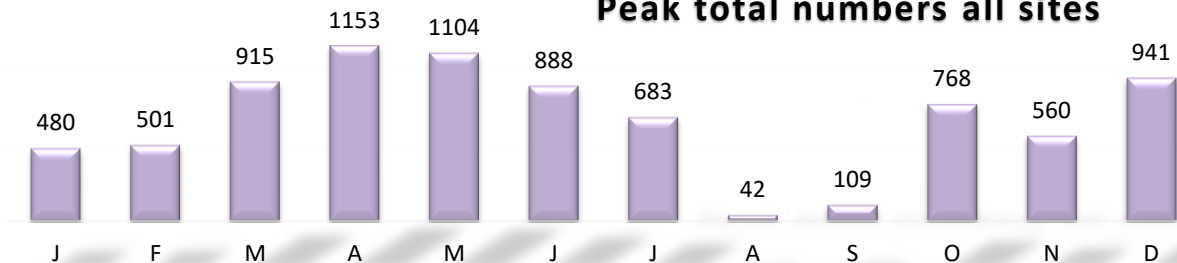
Altitudanal peak total numbers



Selset breeding colony peak numbers



Peak total numbers all sites

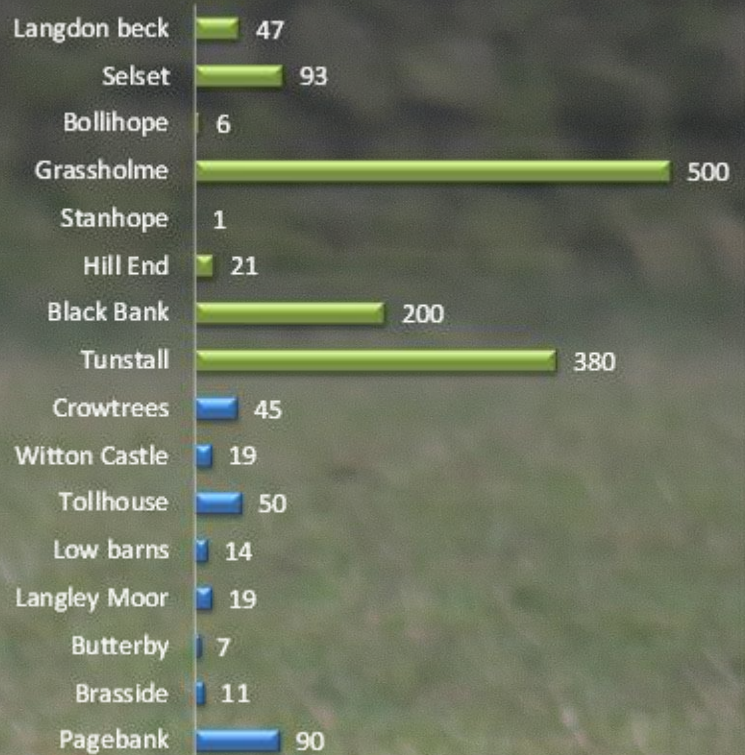


Common Gull (*Larus canus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak occurrences by location



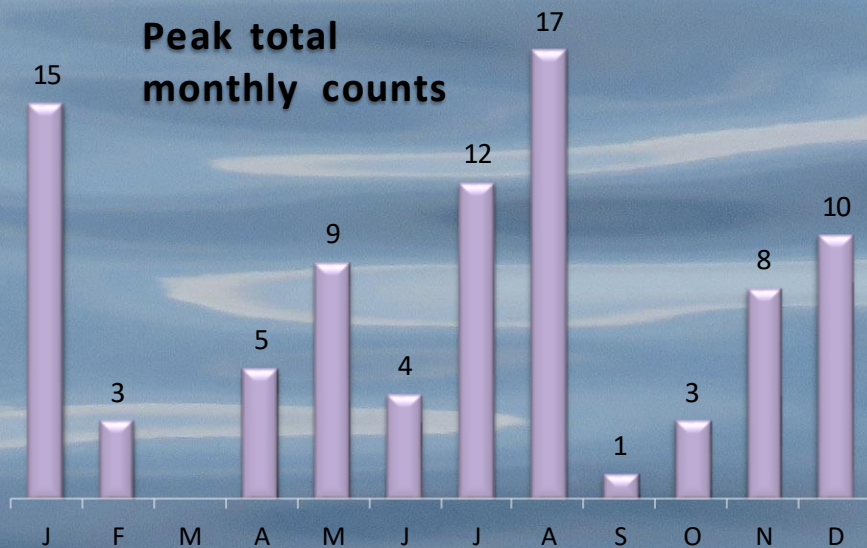
120



PEAK TOTAL MONTHLY COUNTS



Great Black-backed Gull *(Larus marinus)*



121

Peak counts per location

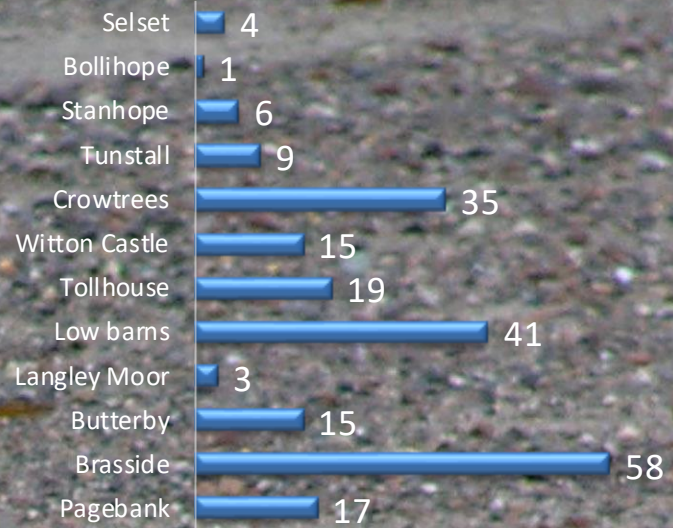


Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Herring Gull (*Larus argentatus*)

Peak counts per location

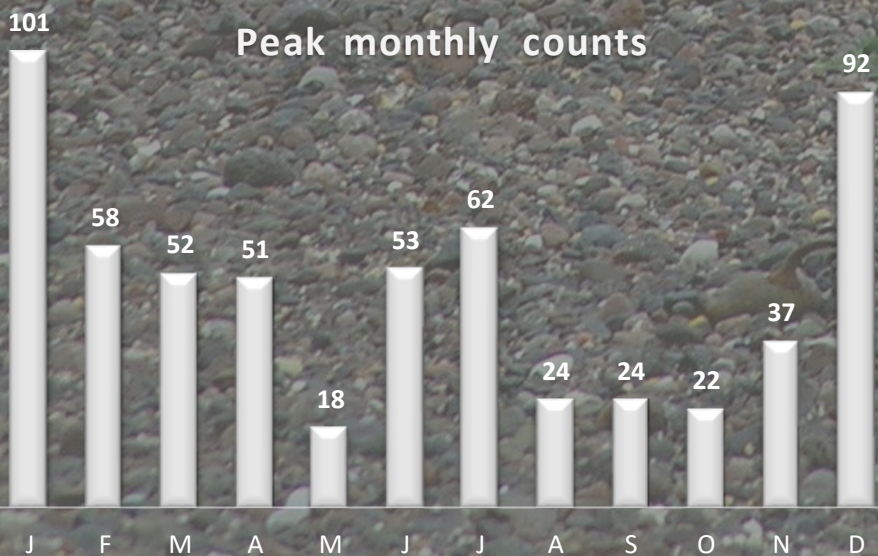


122

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak monthly counts



Altitudinal distribution



Lowland sites Upland sites

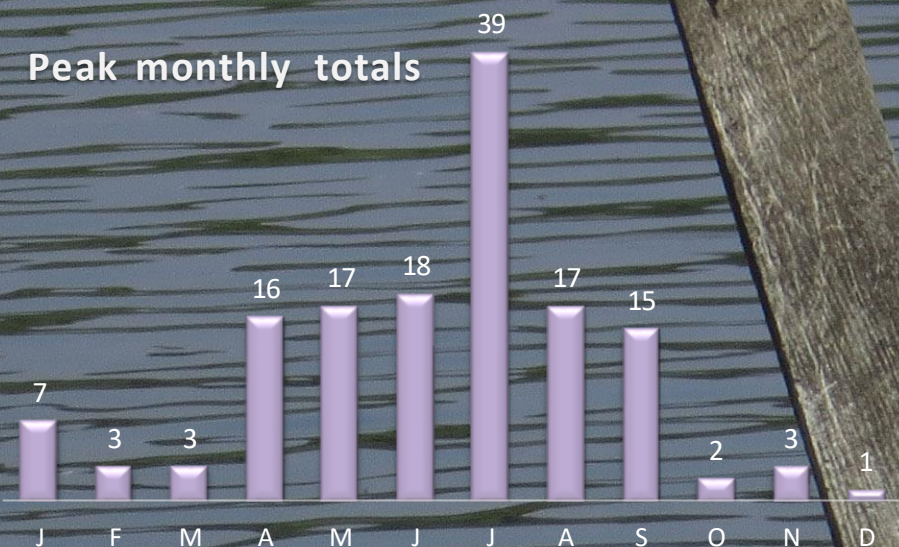
Lesser Black-backed Gull (*Larus fuscus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak monthly totals



Peak counts by location



Occurrences by location



	J	F	M	A	M	J	J	A	S	O	N	D
☑ Tollhouse	0	0	0	0	2	0	0	0	0	0	0	0

Common Tern (*Sterna hirundo*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Farm	Crack Bank
Buttery	Hill End
Cargill Wood	Stanhope
Howlands	Grassington Reservoir
Tollhouse area	Tollhouse
Wilton Castle	Selsby Reservoir
Croftrees Quarry	Donwast Beck



Cormorant (*Phalacrocorax carbo*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

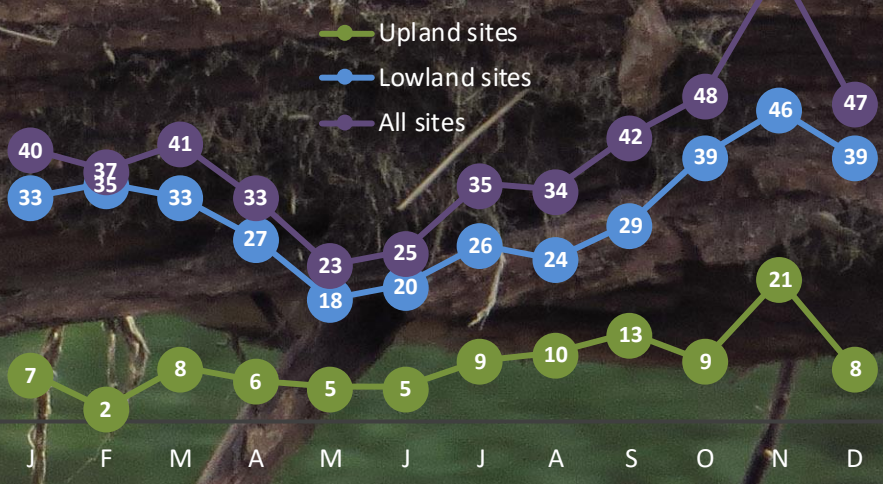


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Peak counts by location



Altitudanal distribution peak monthly



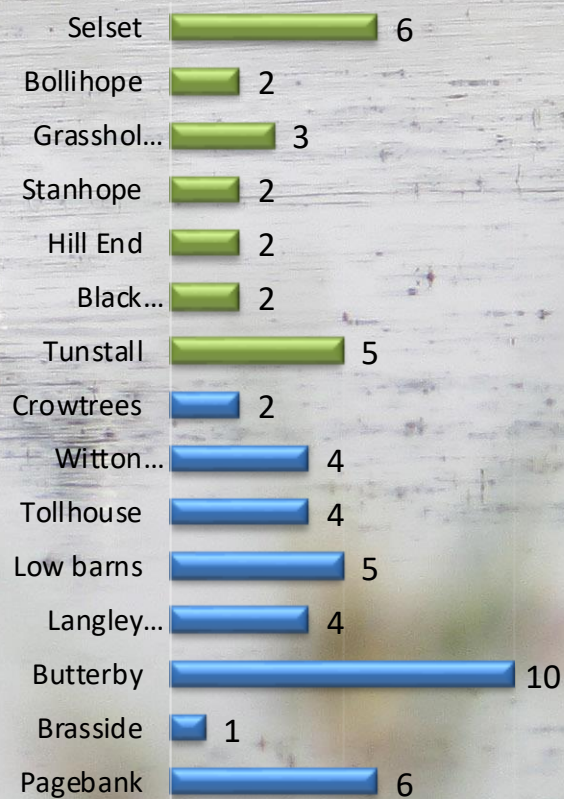
Grey Heron (*Ardea cinerea*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



Altitudanal distribution peak monthly



Little Egret

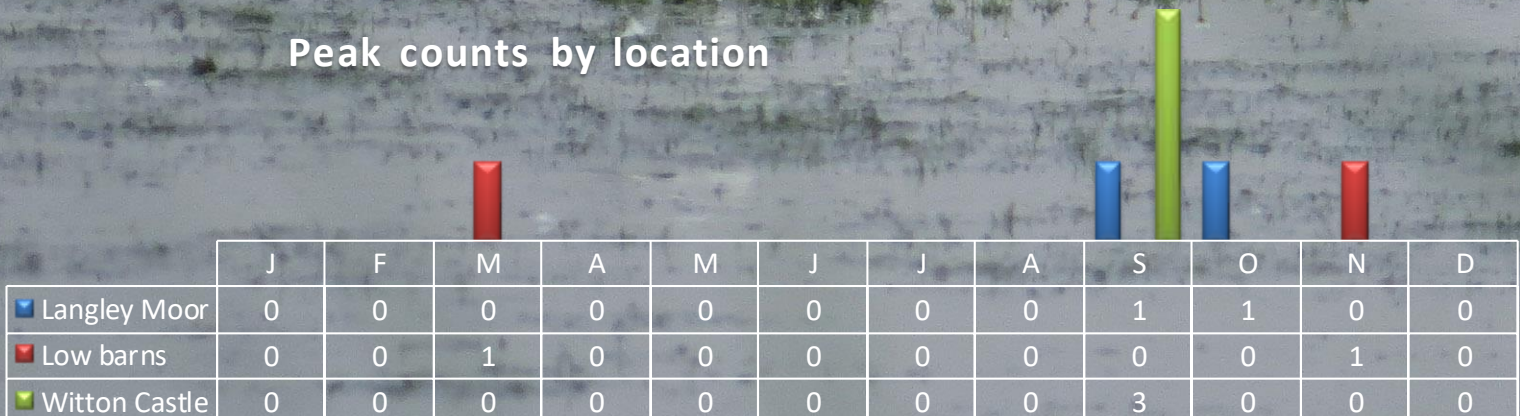
(Egretta garzetta)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



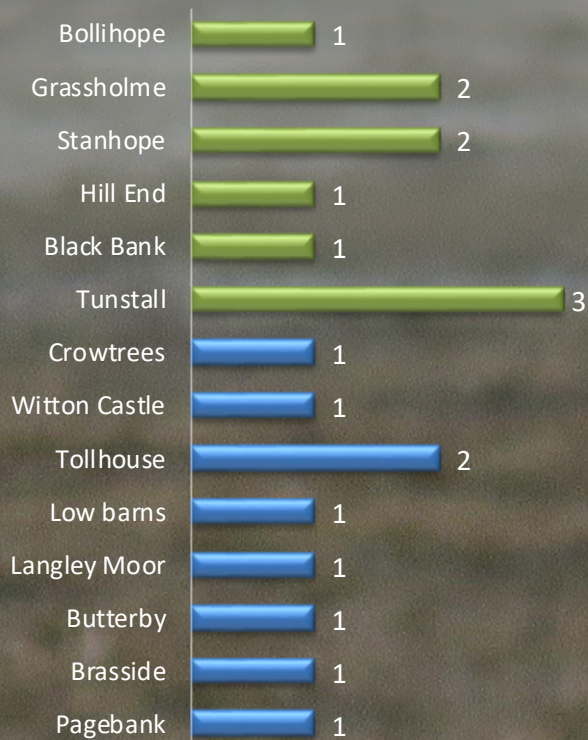
Sparrowhawk

(Accipiter nisus)

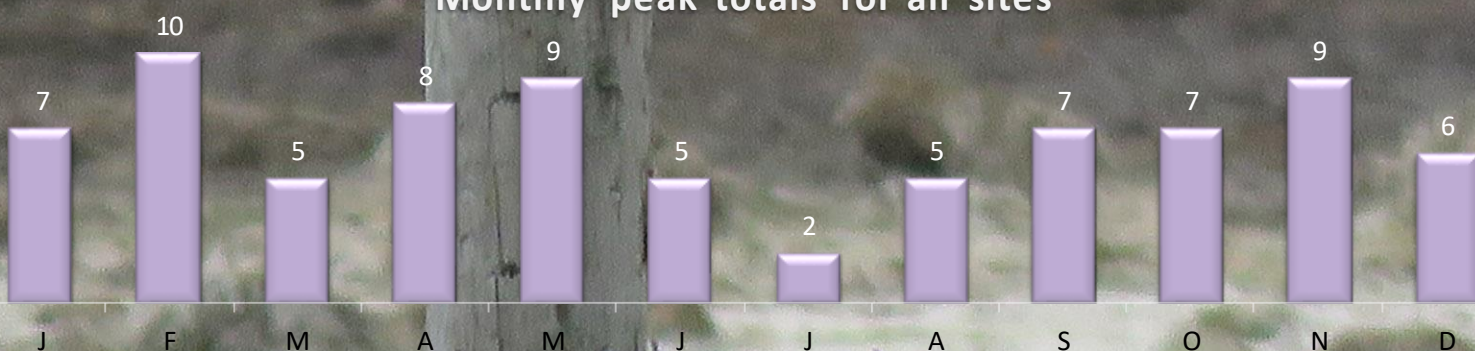
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



Monthly peak totals for all sites

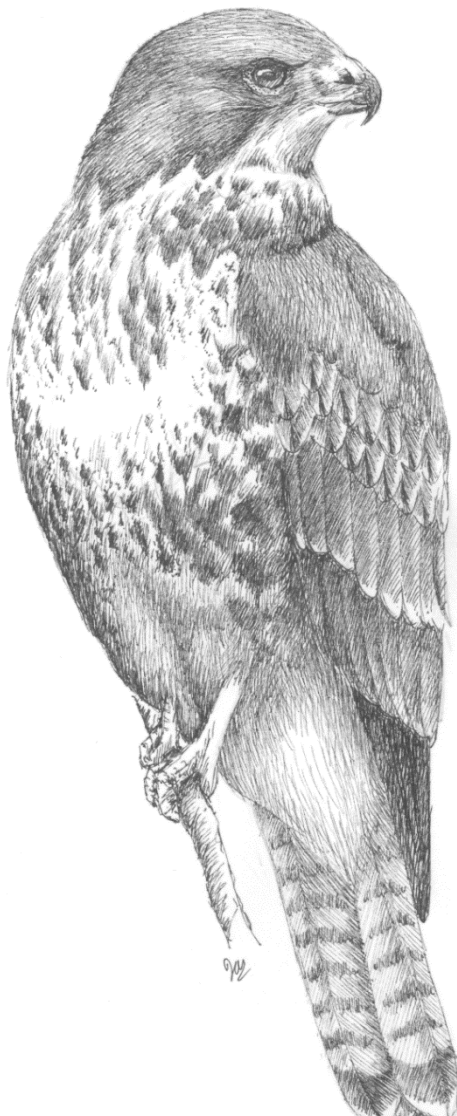
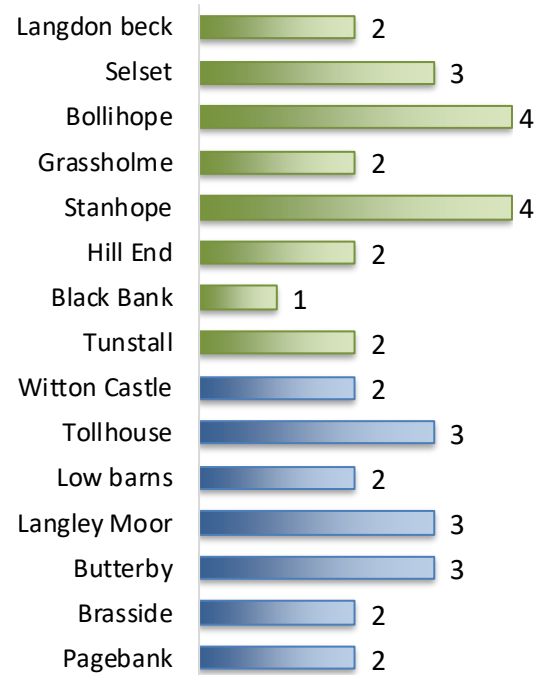


Buzzard (*Buteo buteo*)

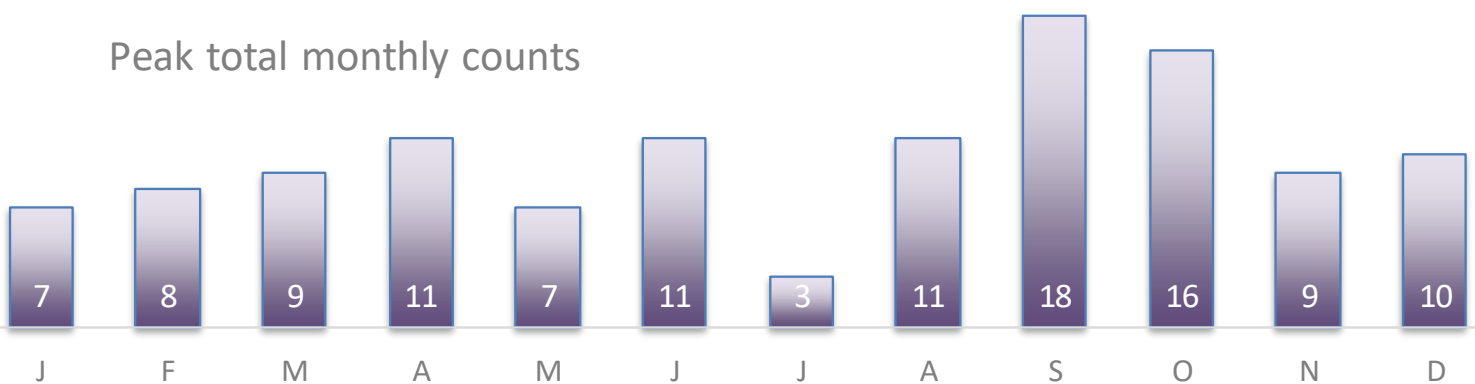
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



Peak total monthly counts



Barn Owl

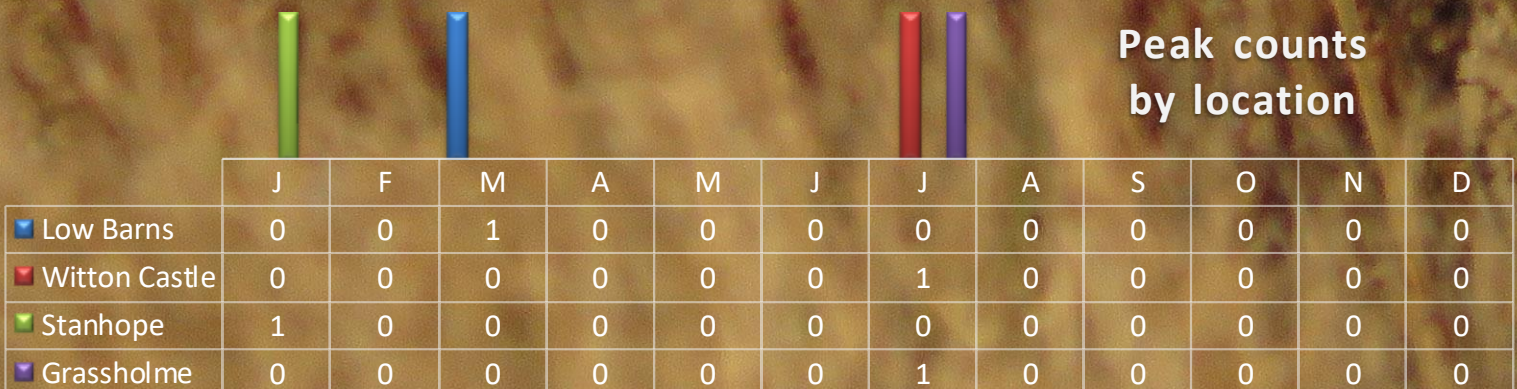
(Tyto alba)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



Short-eared Owl (*Asio flammeus*)

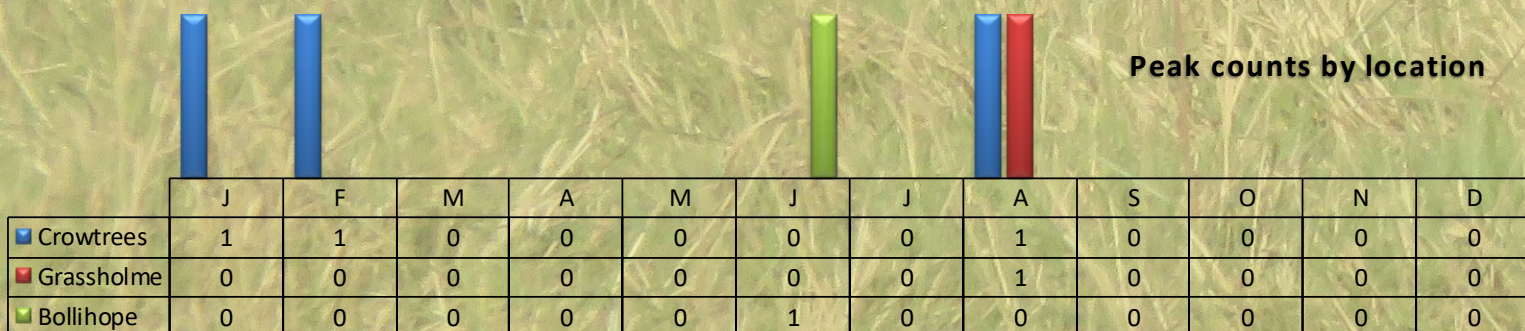
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

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Peak counts by location

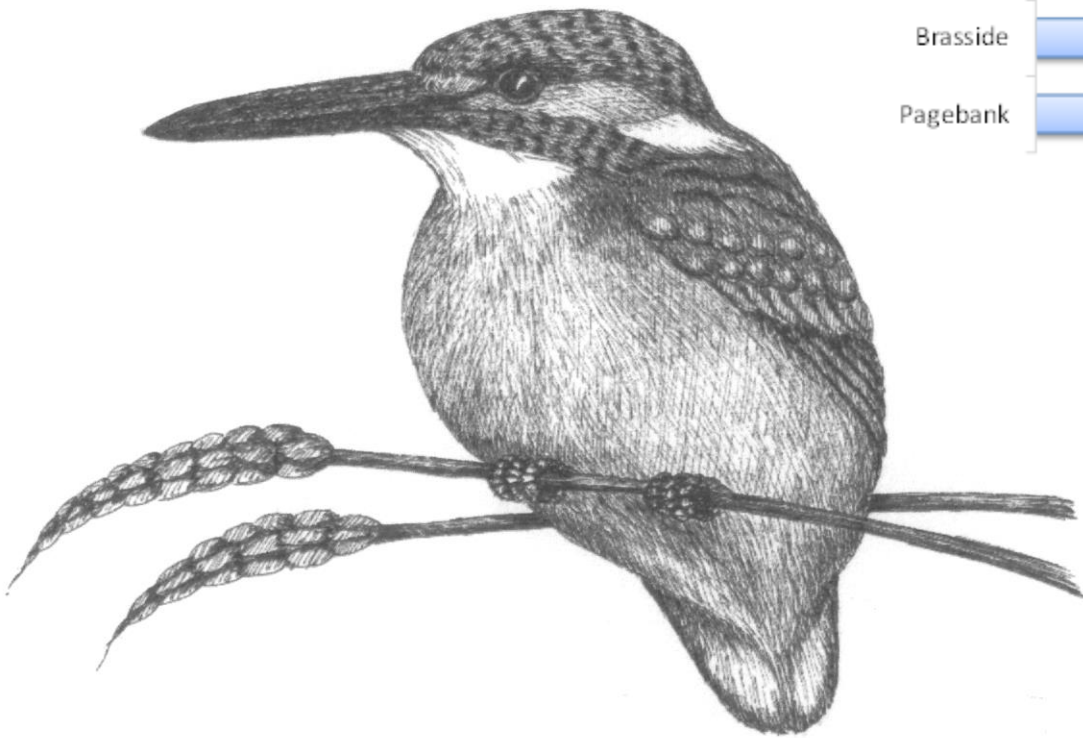
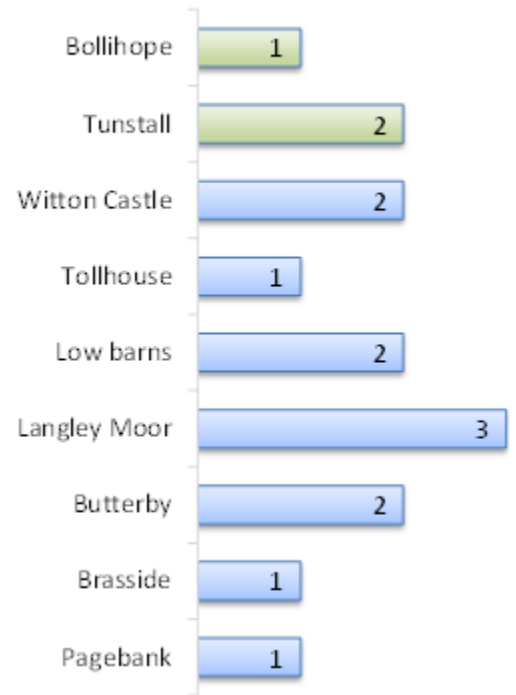


Kingfisher (*Alcedo atthis*)

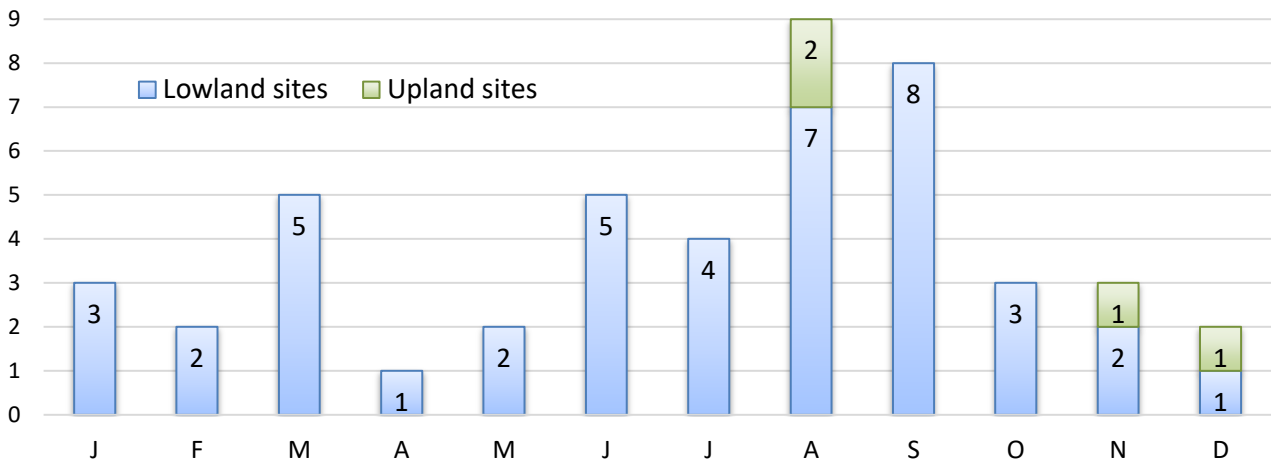
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts per location



Peak total monthly counts by altitude

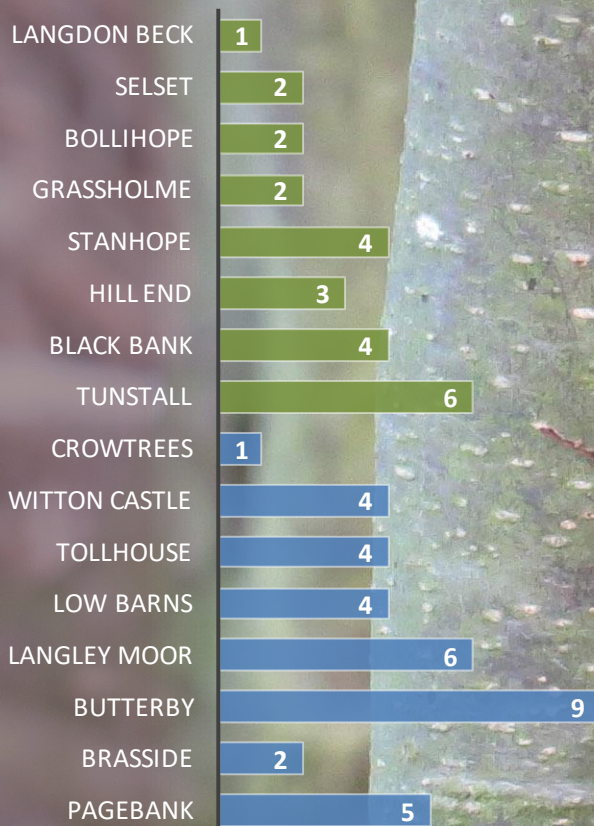


Great Spotted Woodpecker (*Dendrocopos major*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts per location



Peak monthly counts

Upland sites Lowland sites All sites



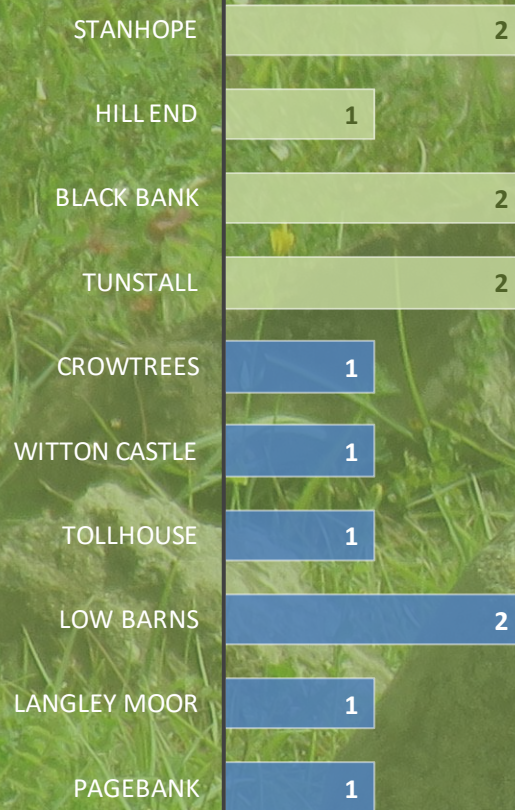
Green Woodpecker

(Picus viridis)

Species seen at least once at:

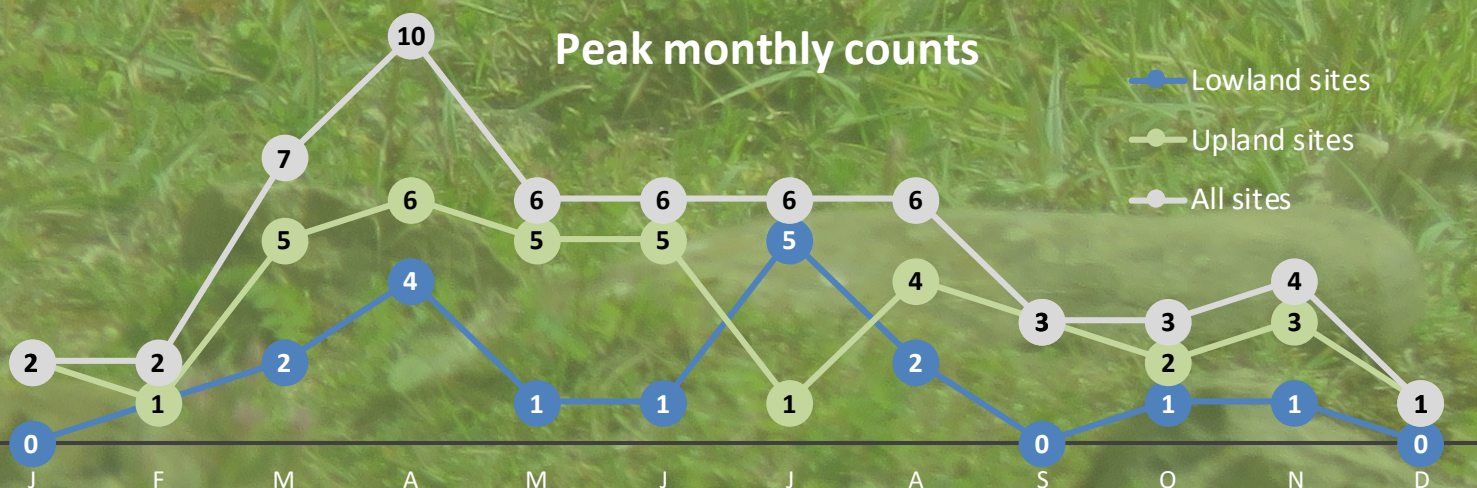
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



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Peak monthly counts



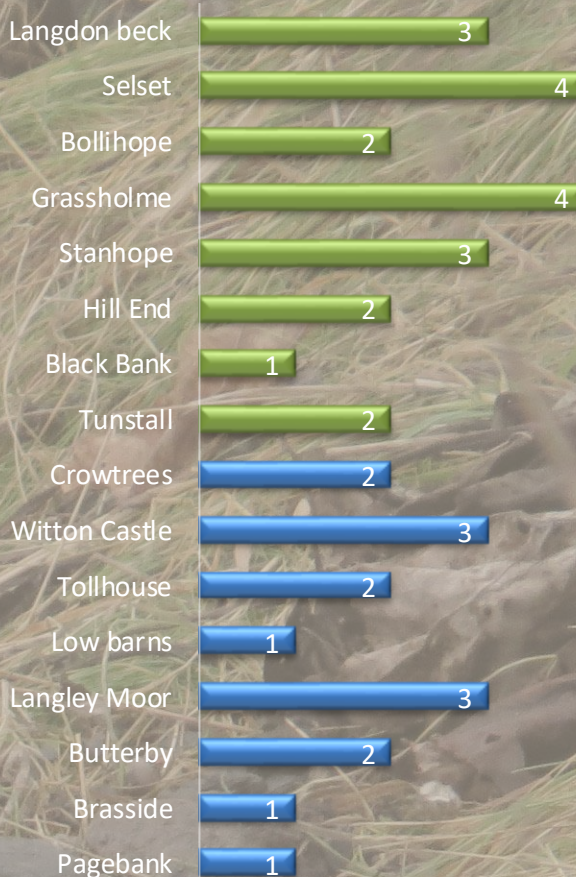
Kestrel

(Falco tinnunculus)

Species seen at least once at:

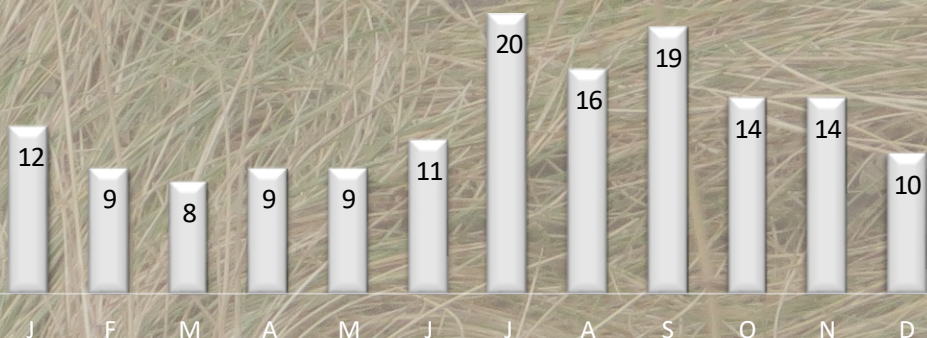
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location

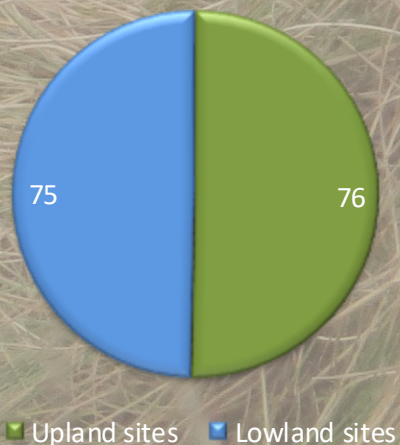


140

Peak monthly totals all sites



Altitudanal spread peak totals



Merlin (*Falco columbarius*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location

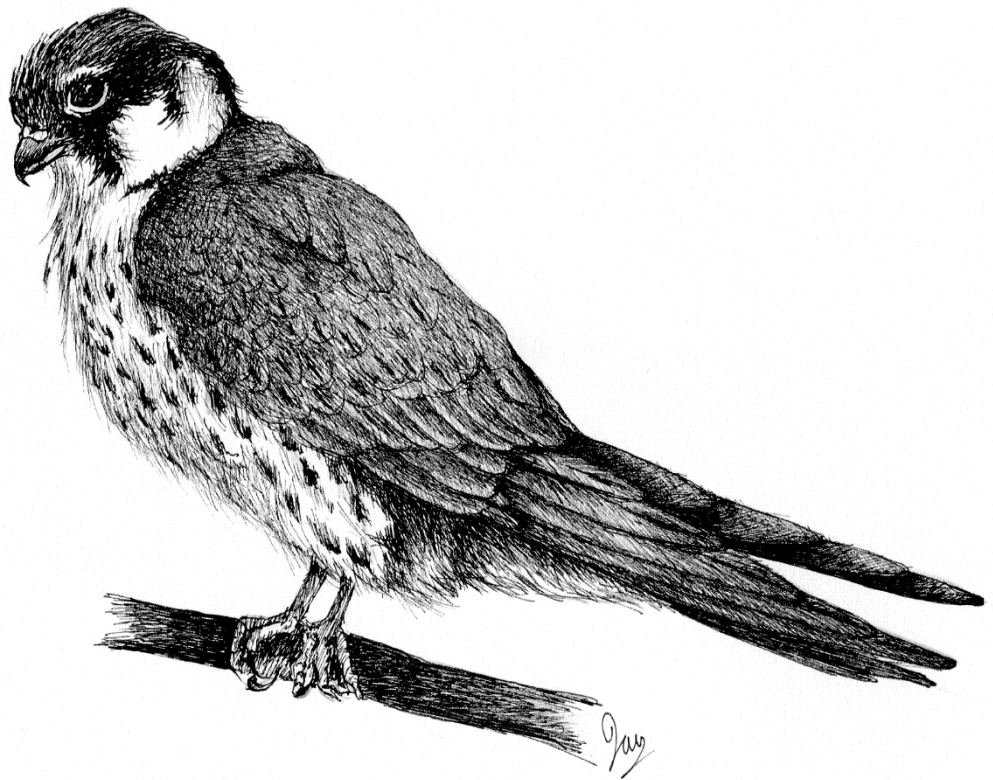
	J	F	M	A	M	J	J	A	S	O	N	D
Hill End	0	0	0	0	0	0	0	0	1	0	0	0
Stanhope	0	0	0	0	0	0	0	1	1	0	0	0
Grassholme	0	0	0	0	0	0	0	1	0	0	0	0
Bollihope	0	0	0	0	0	0	1	0	0	0	0	0
Langdon beck	0	0	1	0	0	0	0	0	1	0	0	0

Hobby (*Falco Subbuteo*)

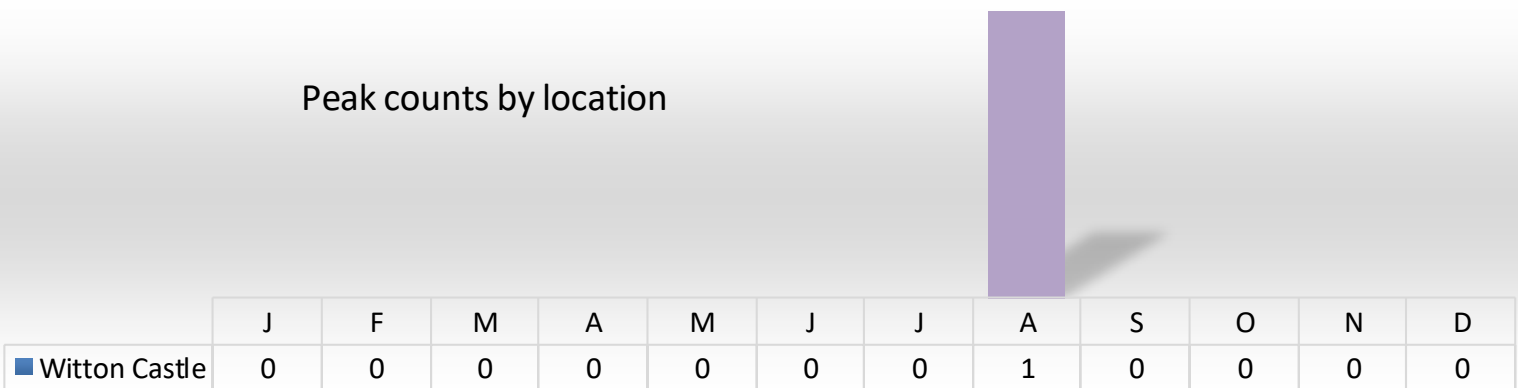
Species seen at least once at:

- Pagebank
- Brasside Ponds
- Butterby
- Langley Moor
- Low Barns
- Tollhouse area
- Witton Castle**
- Crowtrees Quarry
- Tunstall Reservoir
- Black Bank
- Hill End
- Stanhope
- Grassholme Reservoir
- Bollihope
- Selset Reservoir
- Langdon Beck

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Peak counts by location



Peregrine Falcon

(Falco peregrinus)



Peak location counts

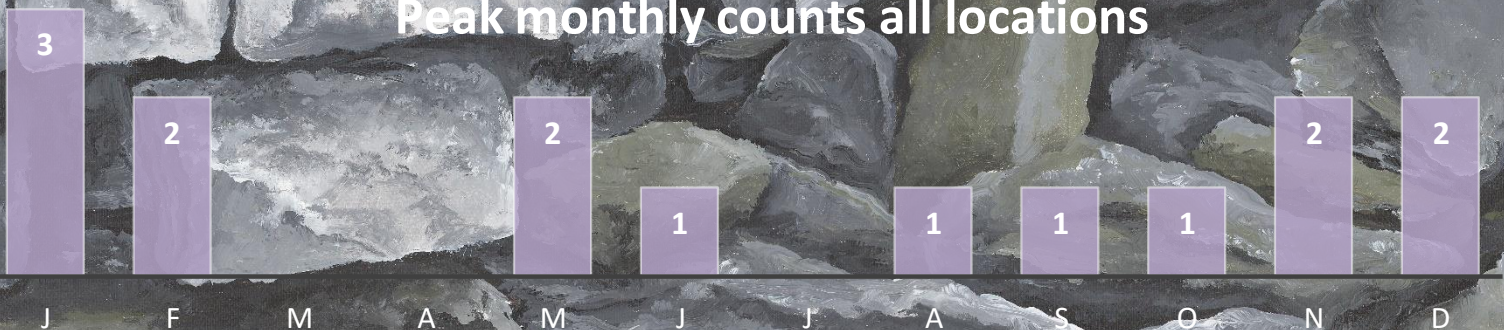


143

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak monthly counts all locations



Peak counts by location



Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Jay (*Garrulus glandarius*)

PEAK MONTHLY TOTALS

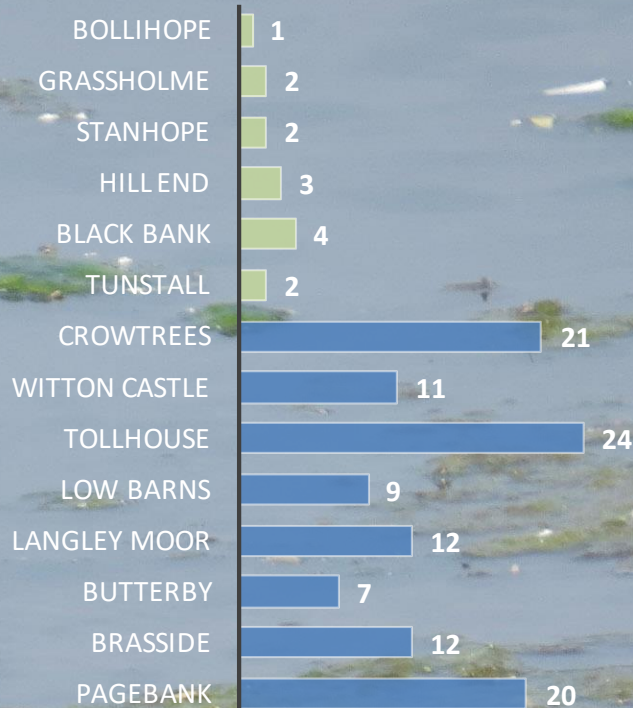


Peak counts by location

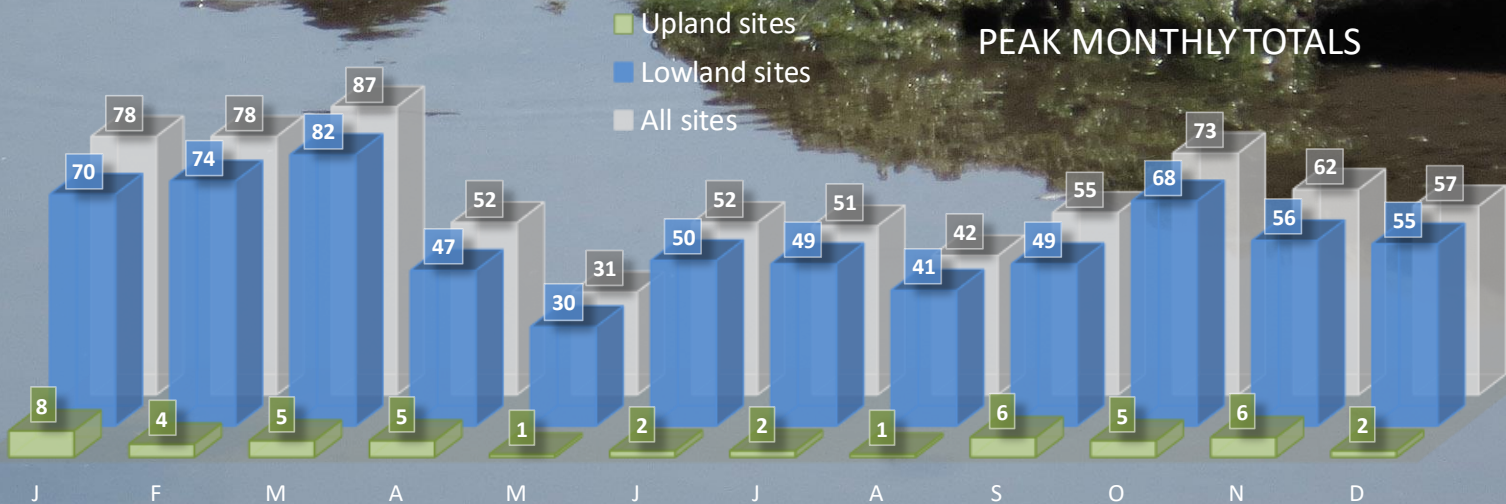
Magpie (*Pica pica*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



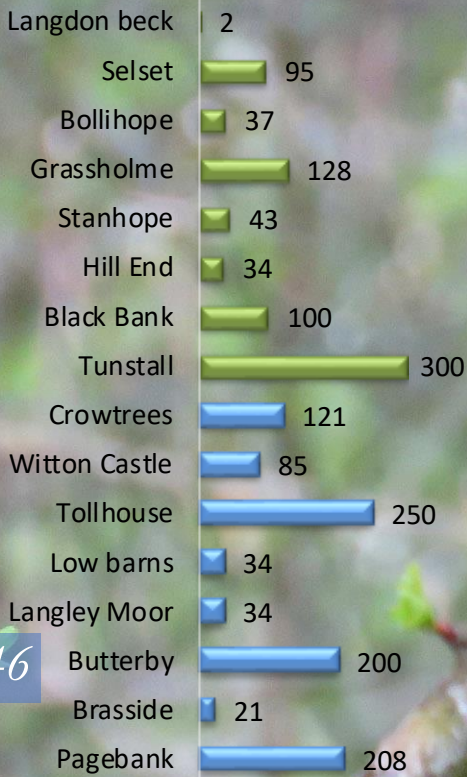
145



Jackdaw

(Coloeus monedula)

Peak counts per site

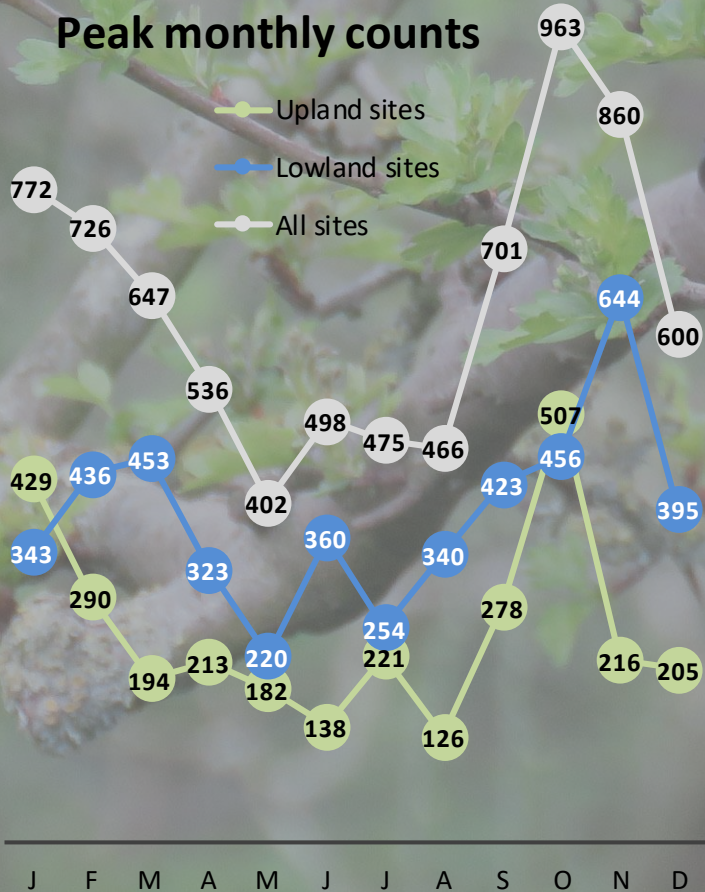


Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

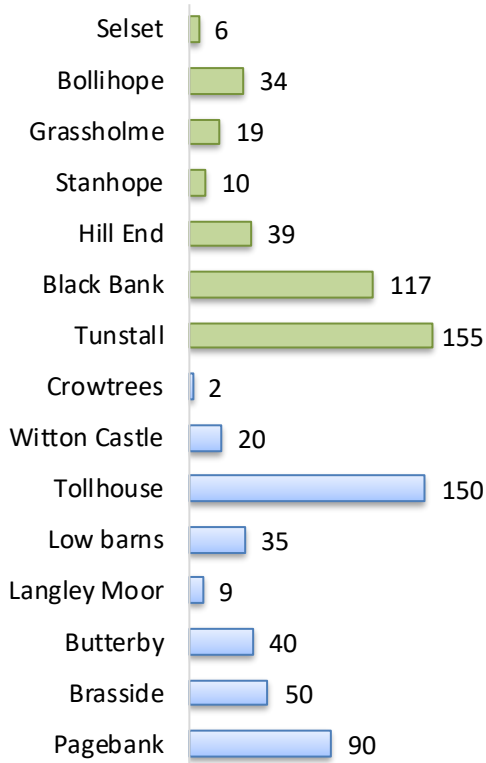


Peak monthly counts



Rook (*Corvus frugilegus*)

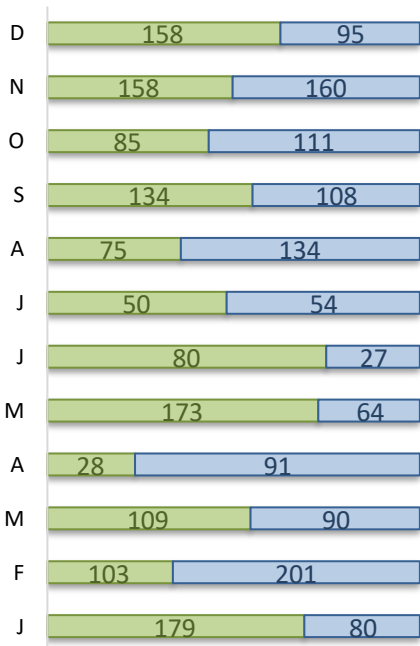
Peak counts by location



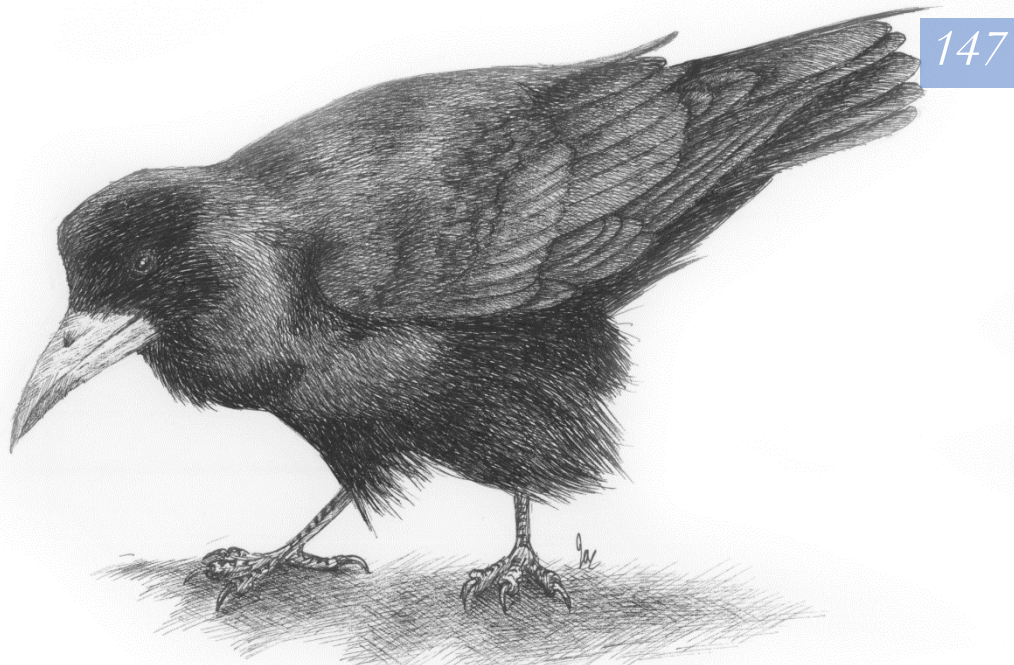
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

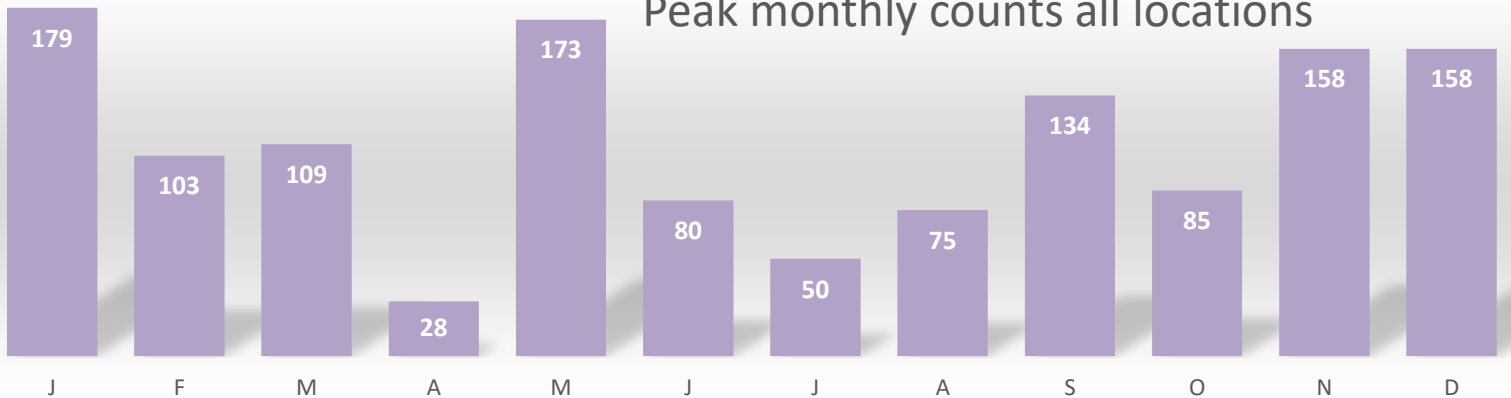
Altitudanal spread all sites



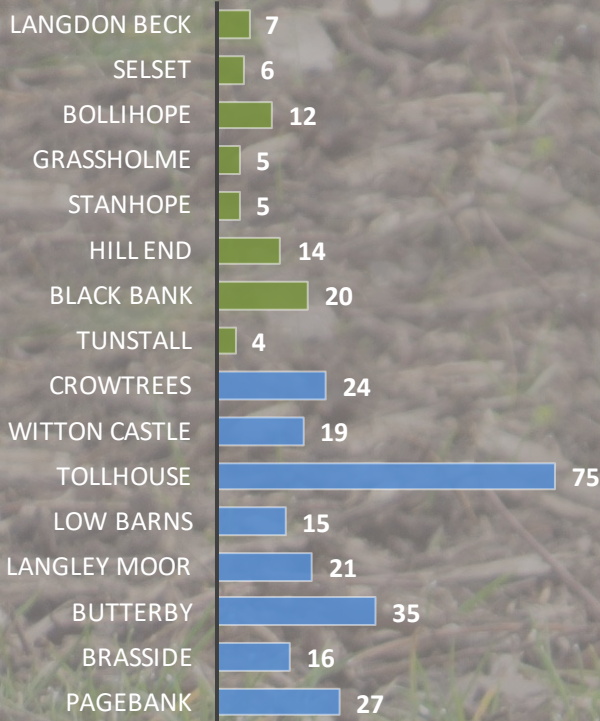
■ Upland sites ■ Lowland sites



Peak monthly counts all locations



Peak counts by location



Carrion Crow (*Corvus corone*)

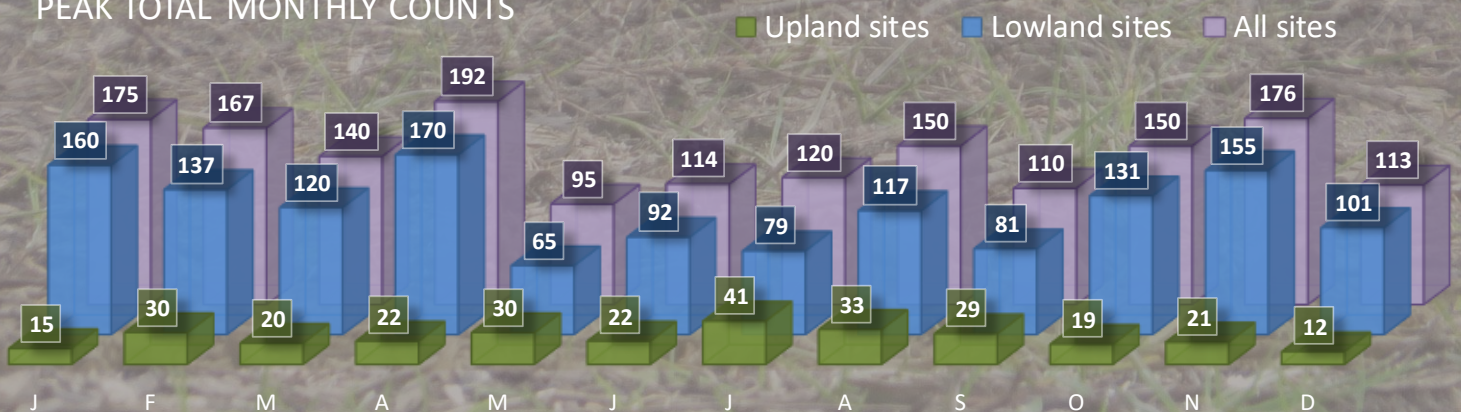
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

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PEAK TOTAL MONTHLY COUNTS



Raven (*Corvus corax*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location

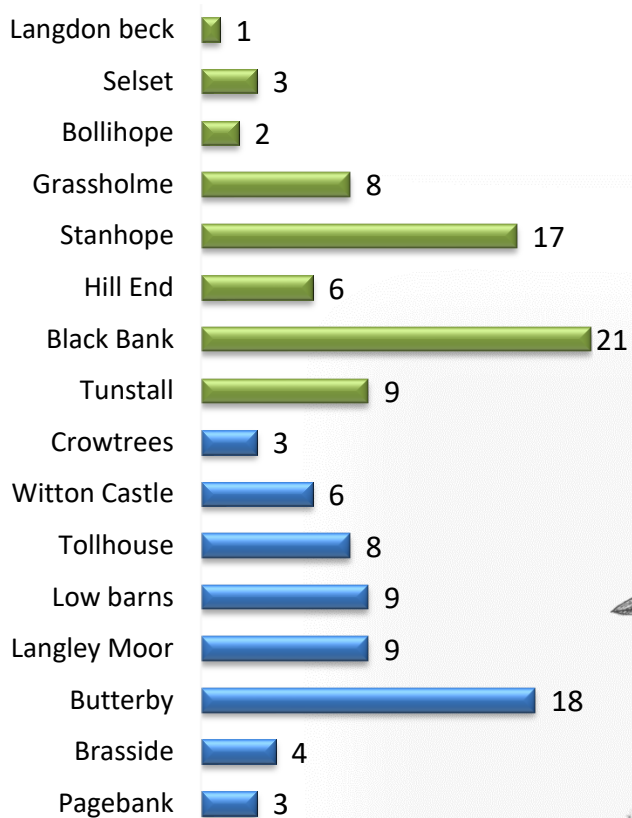


Coal Tit (*Periparus ater*)

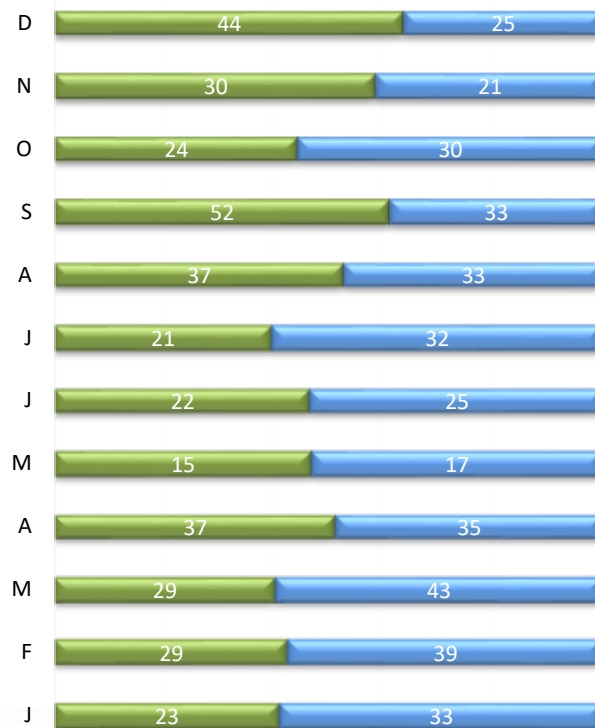
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

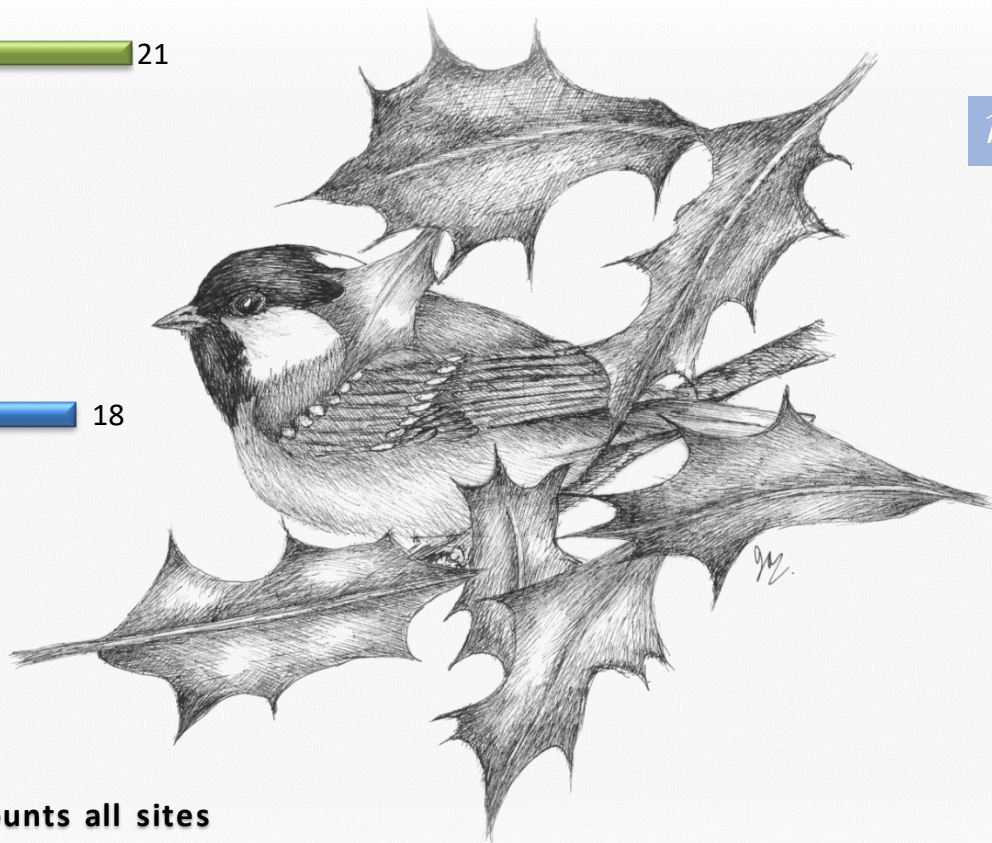
Peak counts by location



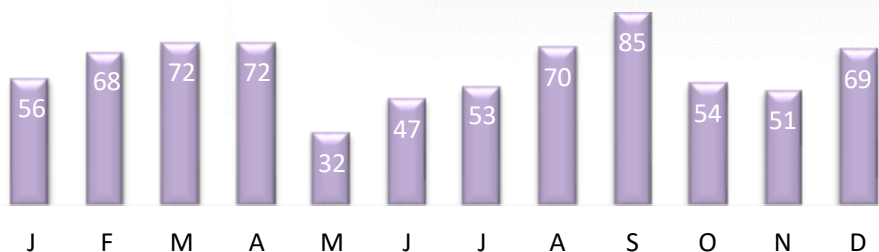
Altitudinal distribution all sites



■ Upland sites ■ Lowland sites



Peak total counts all sites



Peak monthly counts by location



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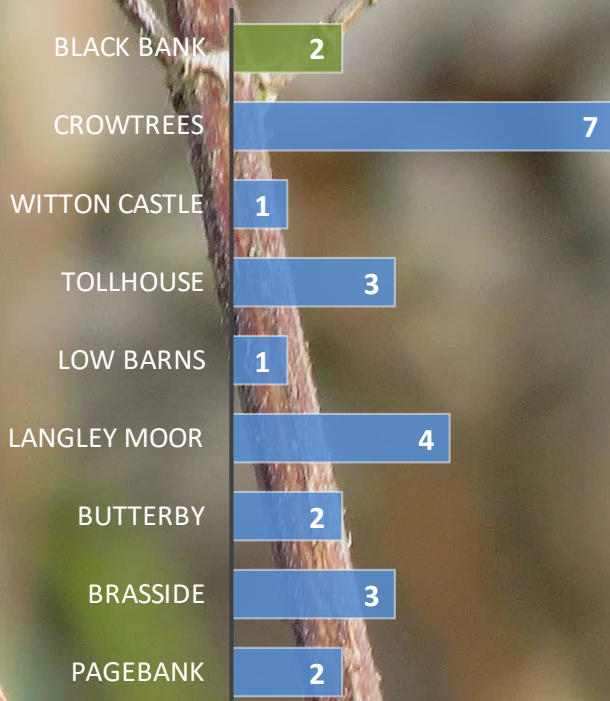
Marsh Tit

(Pocile palustris)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



Willow Tit (*Poecile montanus*)

Species seen at least once at:

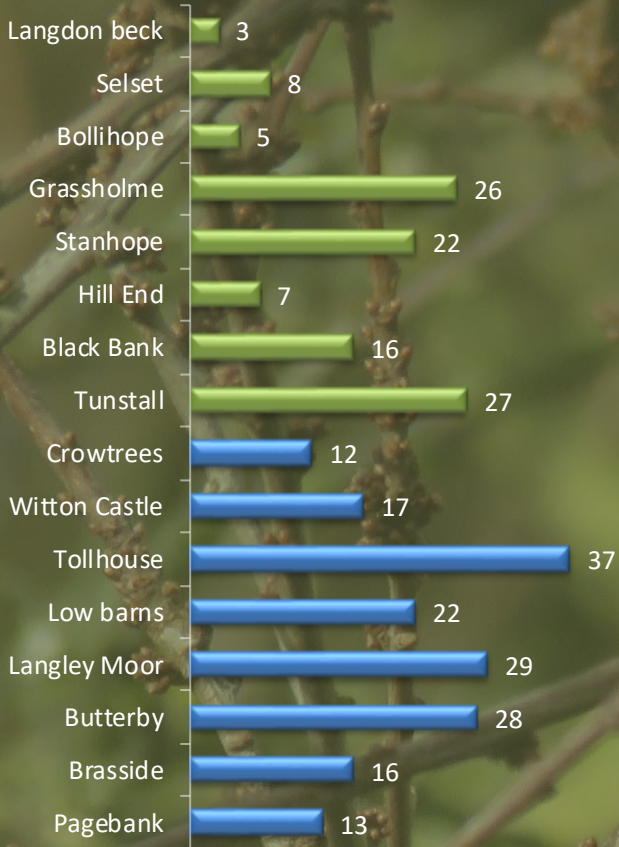
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

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Peak total monthly counts



Peak counts by location



Blue Tit (*Cyanistes caeruleus*)

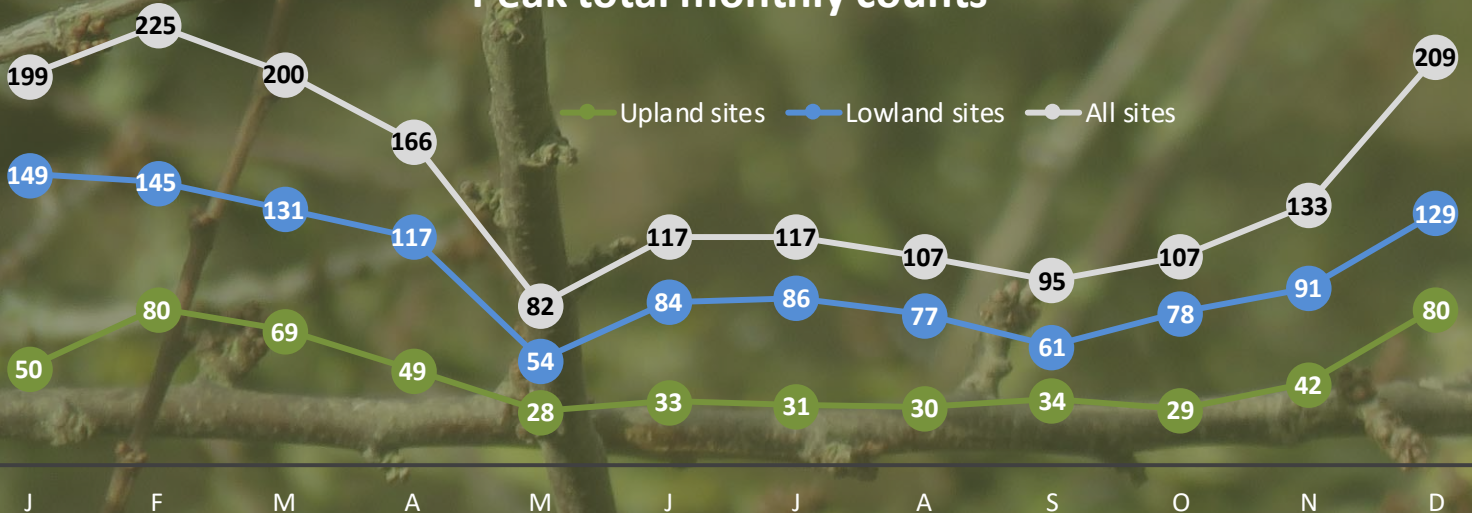
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

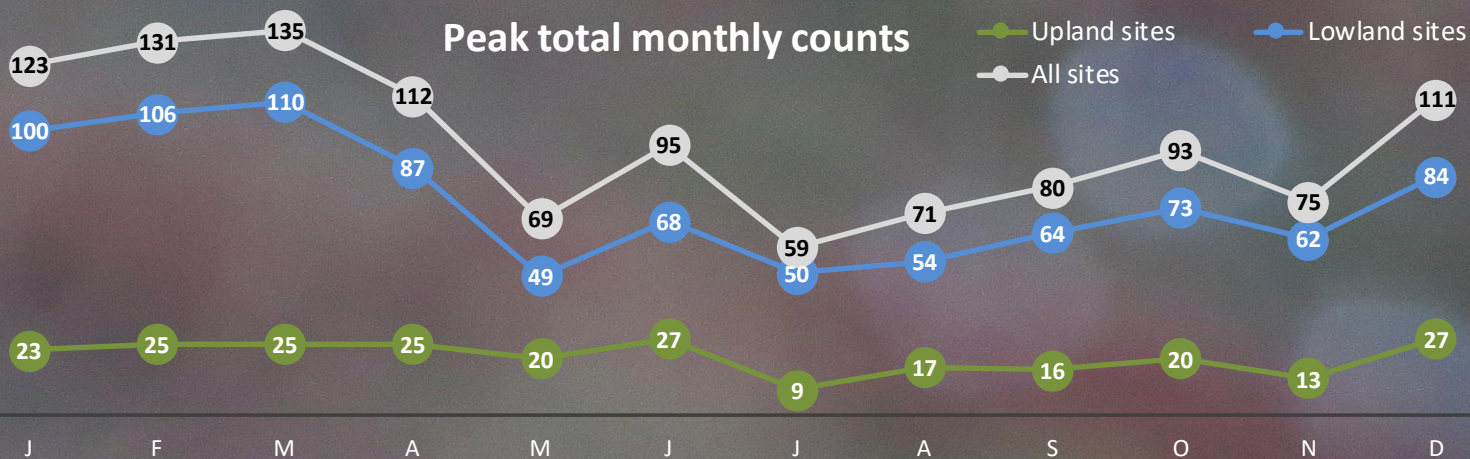


154

Peak total monthly counts



Peak total monthly counts



Great Tit (*Parus major*)



155

Peak counts by location



Species seen at least once at:

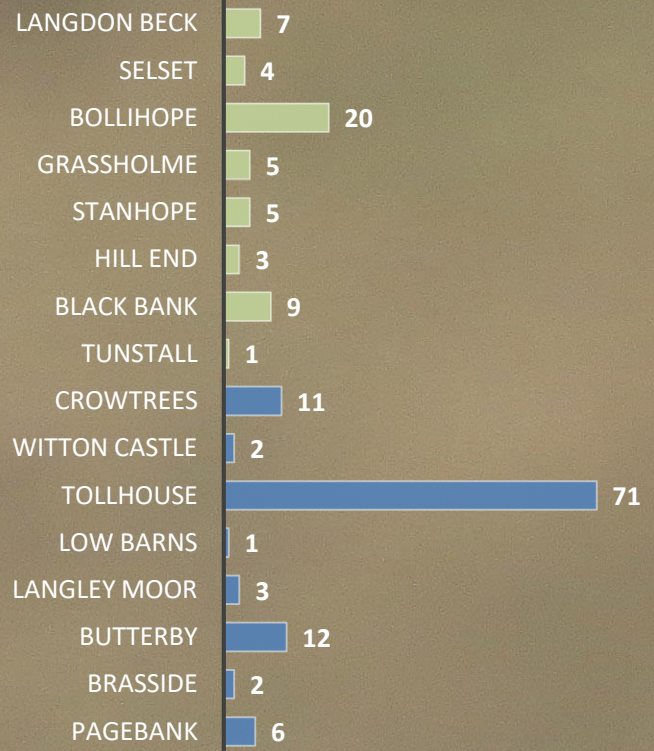
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Skylark (*Alauda arvensis*)

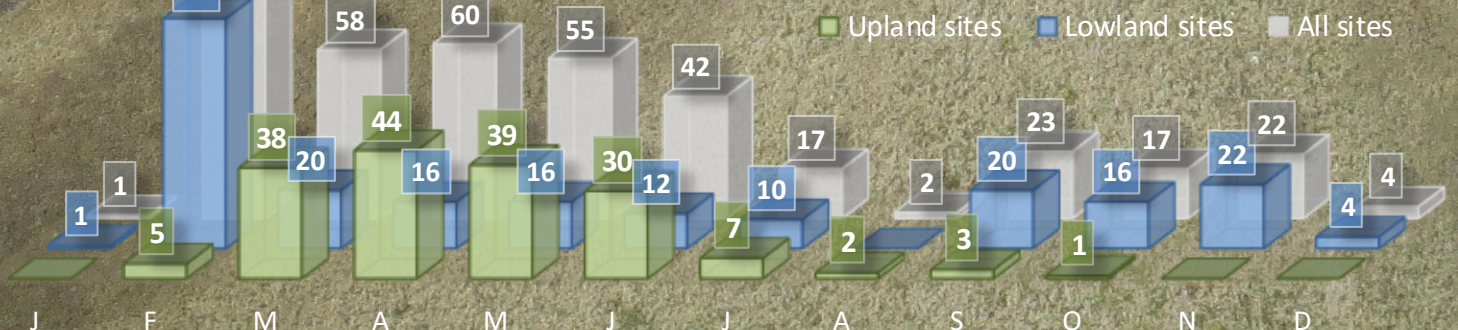
Peak counts by location

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



PEAK TOTAL MONTHLY COUNTS



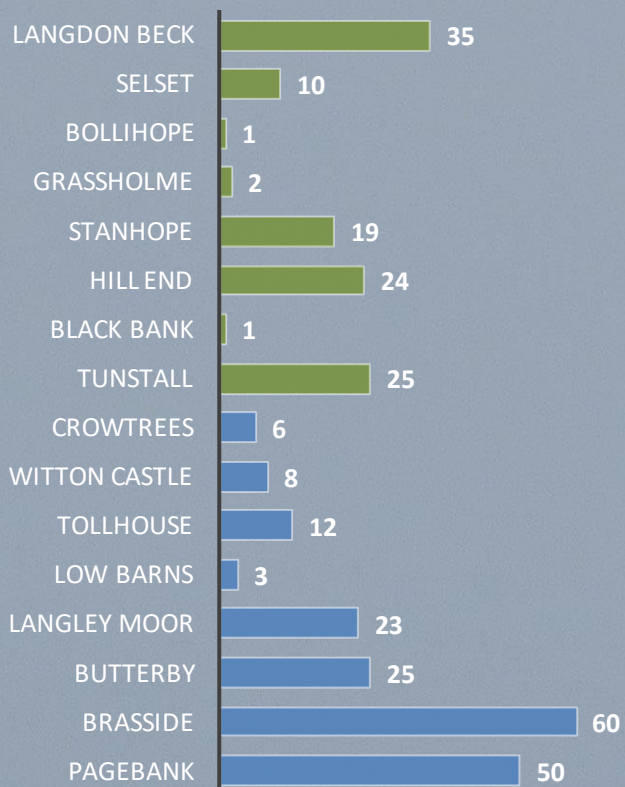
Sand Martin (*Riparia riparia*)

Peak counts per location

Species seen at least once at:

Pagebank **	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End **
Langley Moor **	Stanhope **
Low Barns	Grassholme Reservoir
Tollhouse area **	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

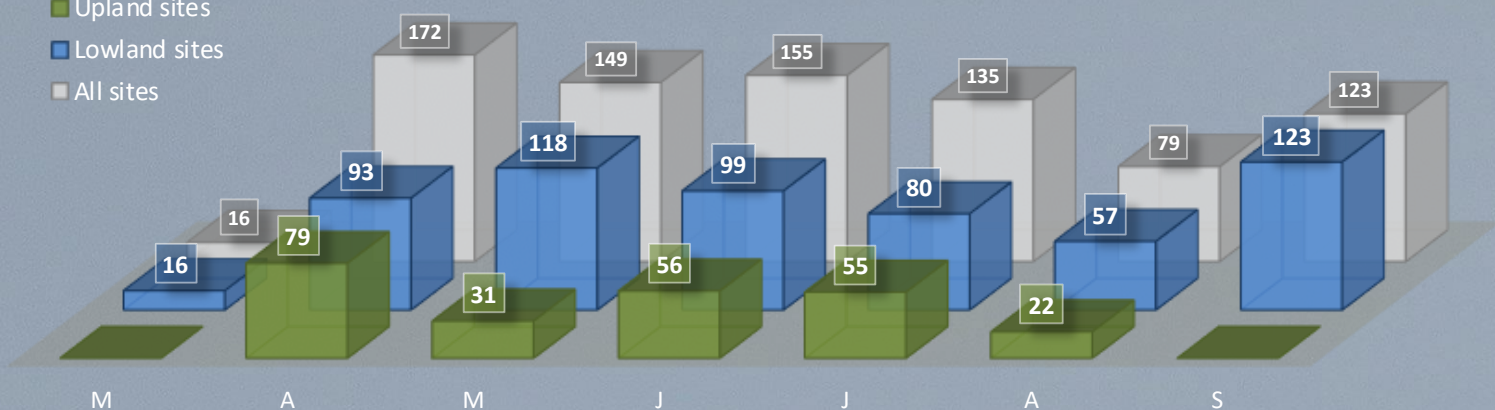
Colony present at locations marked **



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PEAK TOTAL MONTHLY COUNTS

■ Upland sites
■ Lowland sites
■ All sites



Swallow (*Hirundo rustica*)

Peak counts by location



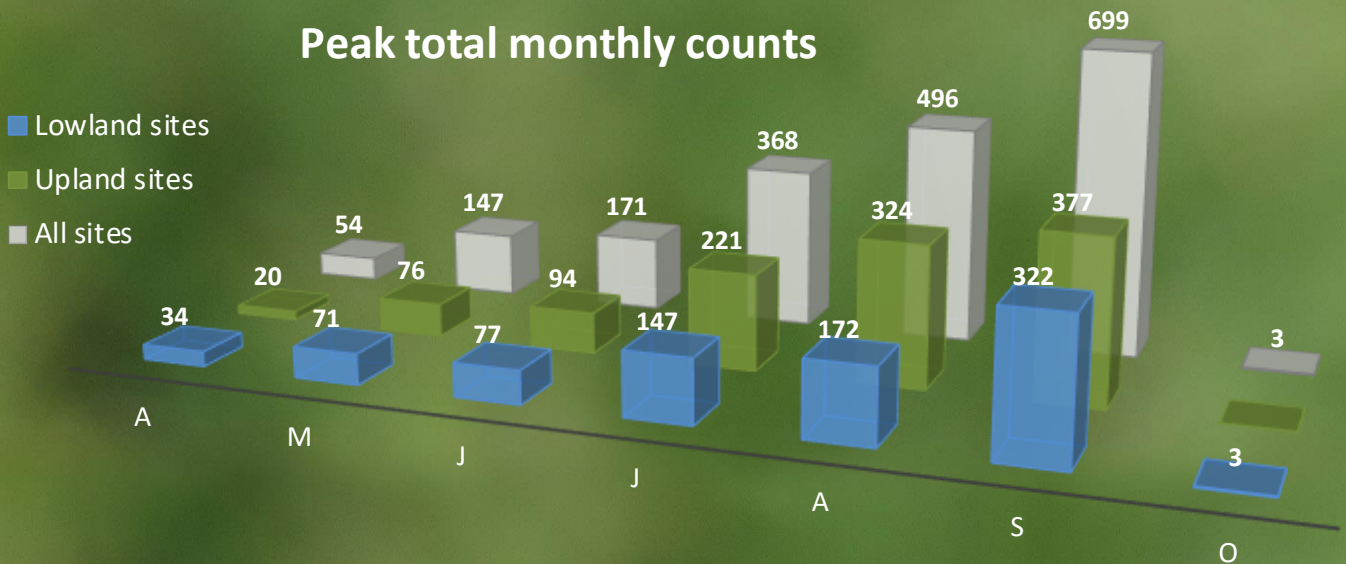
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selsset Reservoir
Crowtrees Quarry	Langdon Beck



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Peak total monthly counts

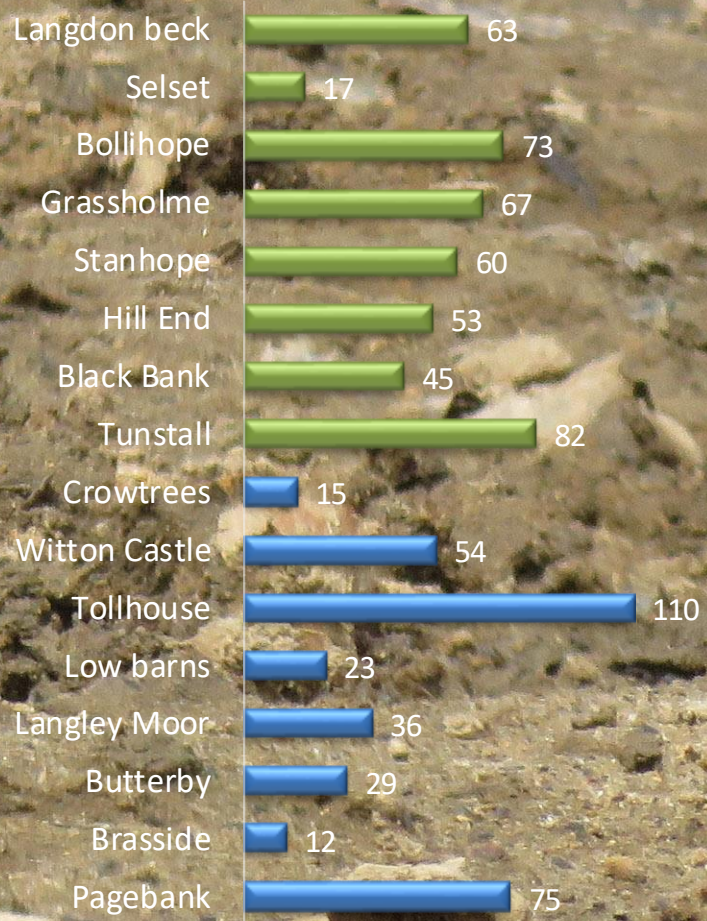


House Martin (*Delichon urbicum*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

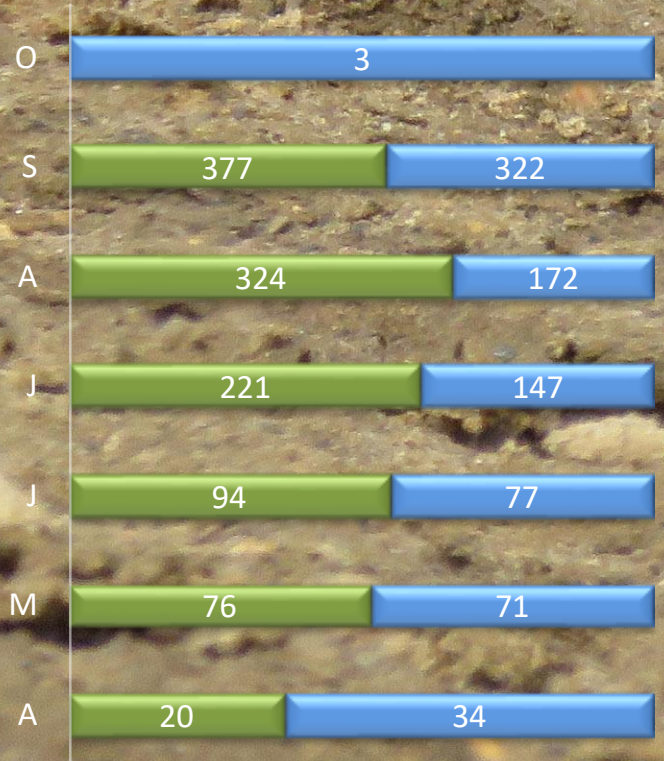
Peak counts by location



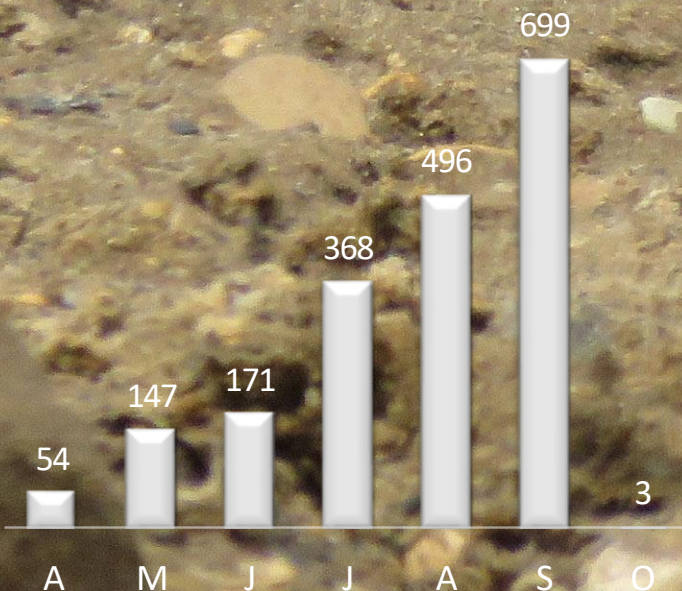
159

Altitudinal spread (peak monthly counts)

■ Upland sites ■ Lowland sites



Peak monthly total counts all sites

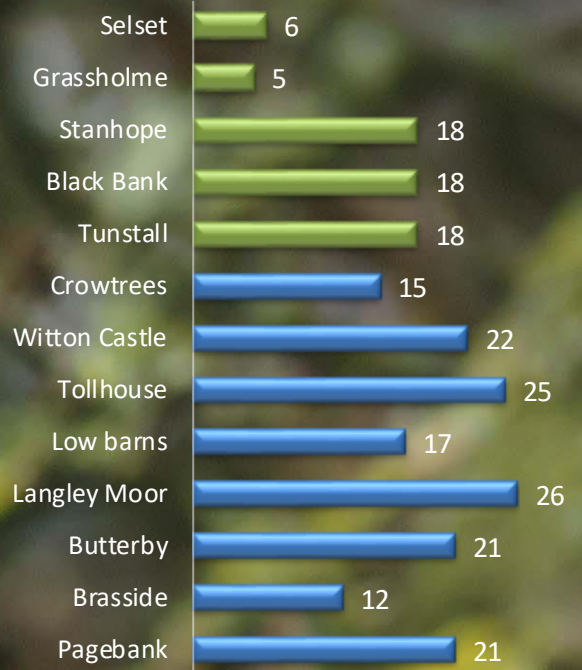


Long-tailed Tit (*Aegithalos caudatus*)

Peak counts by location

Species seen at least once at:

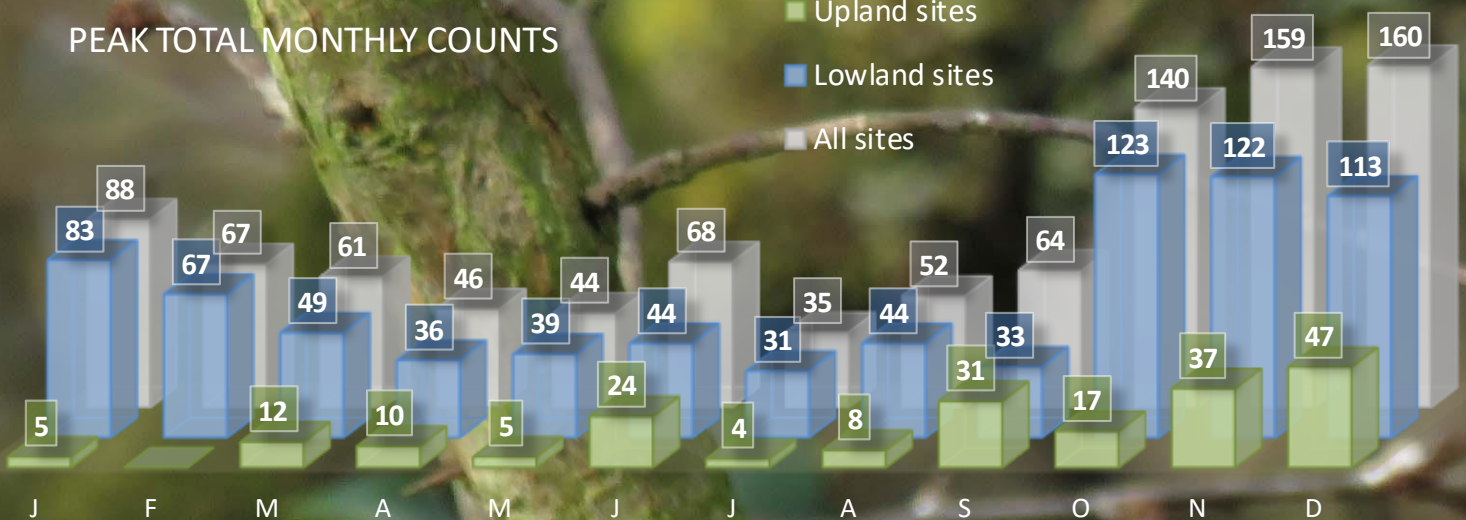
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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PEAK TOTAL MONTHLY COUNTS

■ Upland sites
■ Lowland sites
■ All sites



Altitudanal spread (peak monthly counts)



Willow Warbler

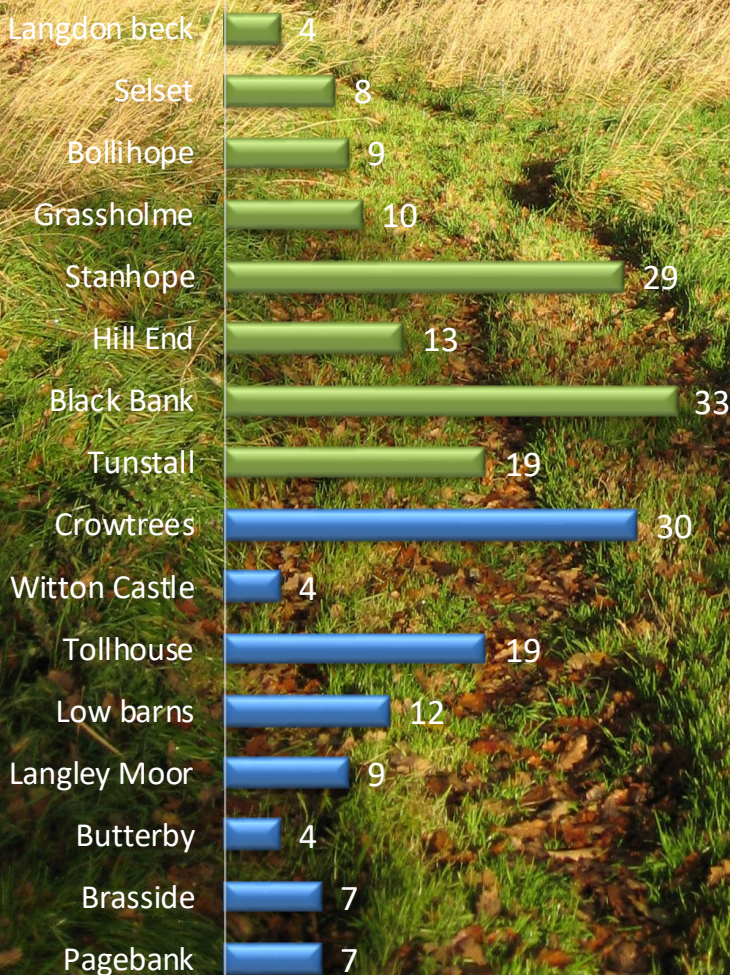
(Phylloscopus trochilus)

Species seen at least once at:

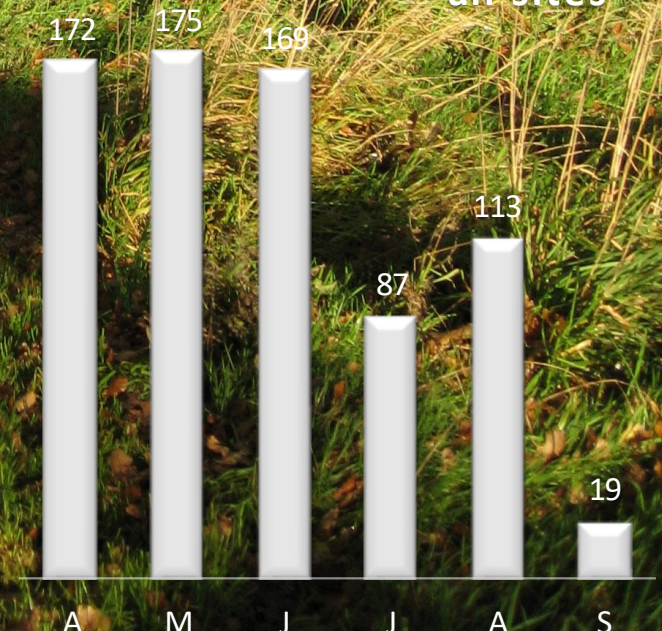
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



Peak monthly counts all sites



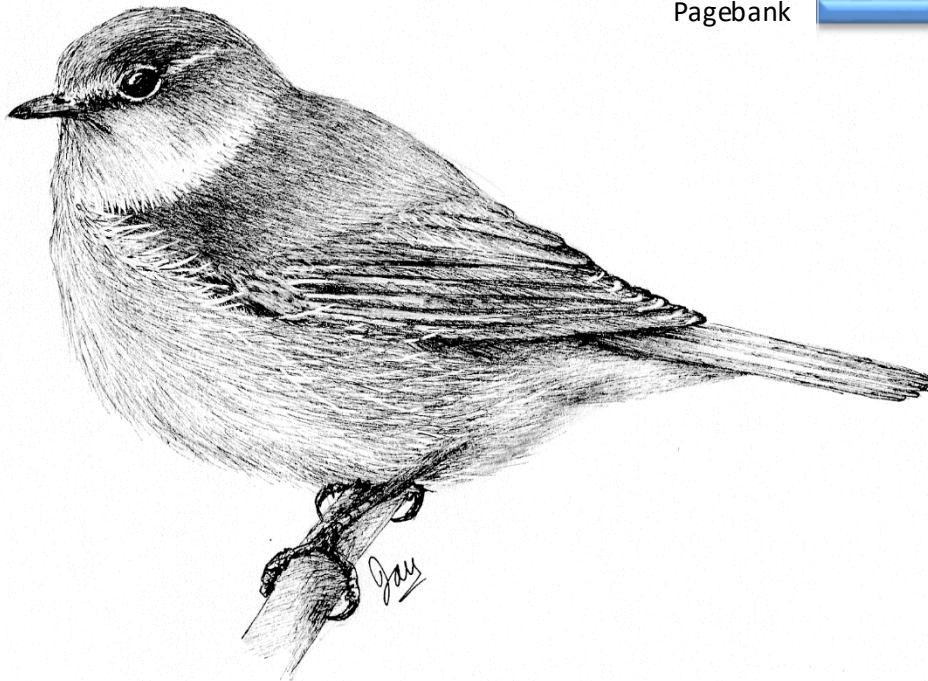
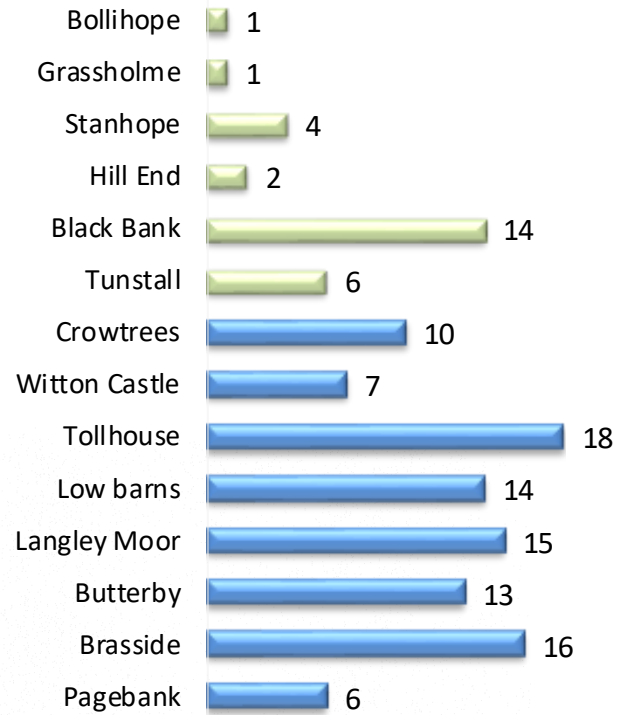
Chiffchaff

(Phylloscopus collybita)

Peak counts by location

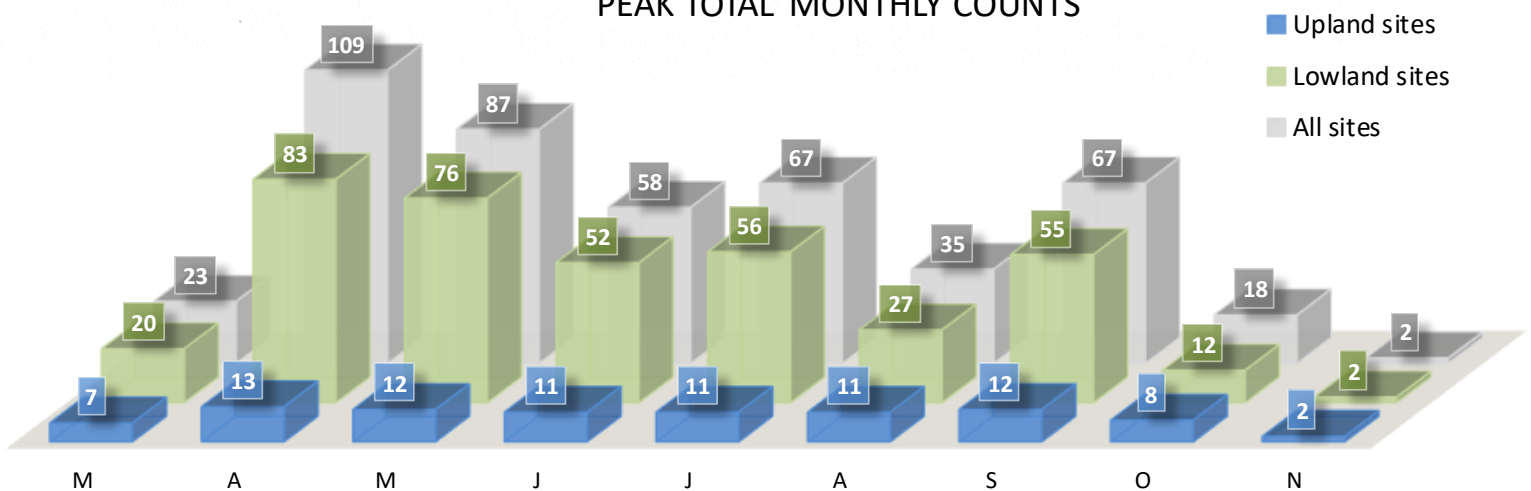
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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PEAK TOTAL MONTHLY COUNTS



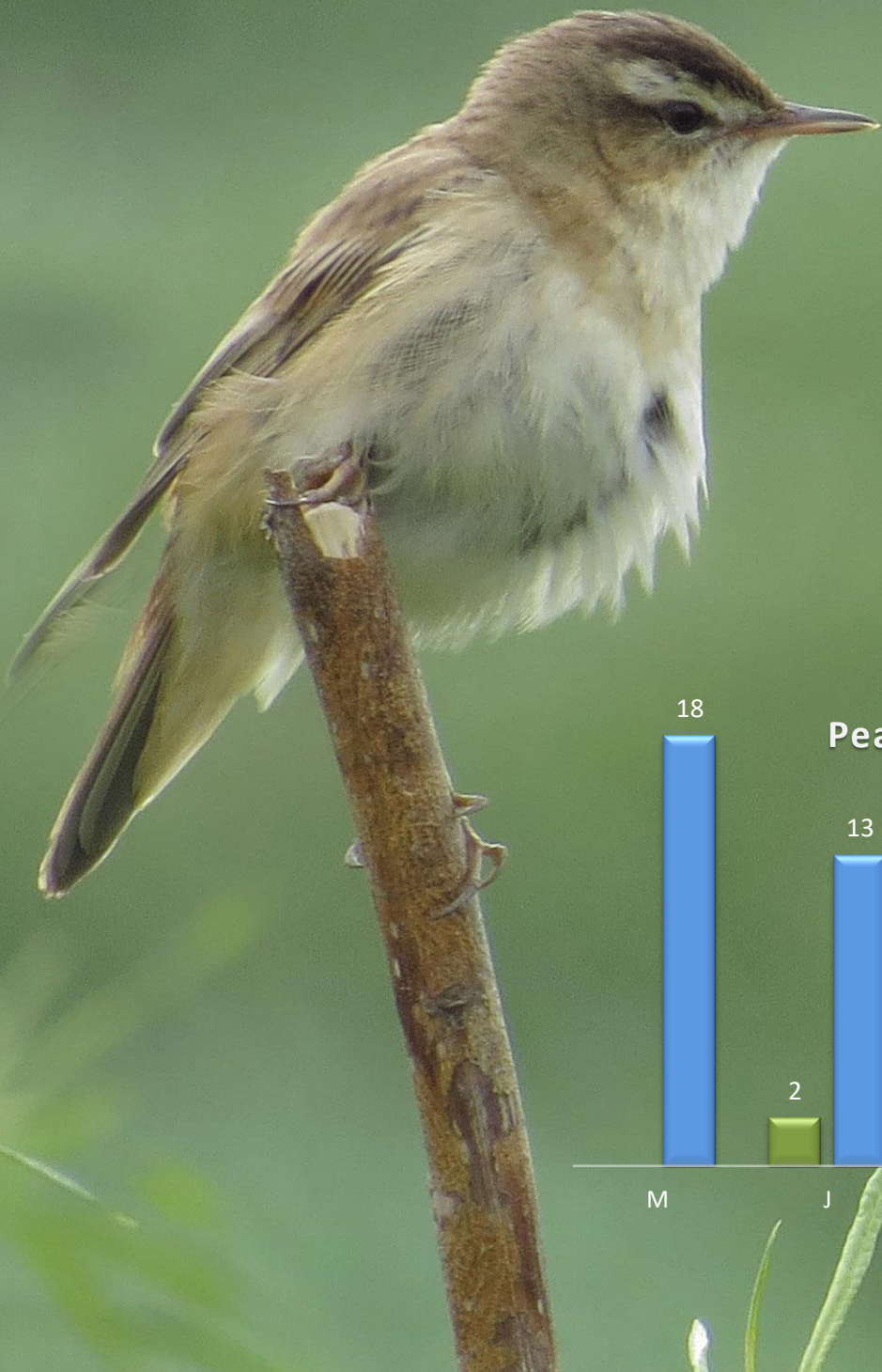
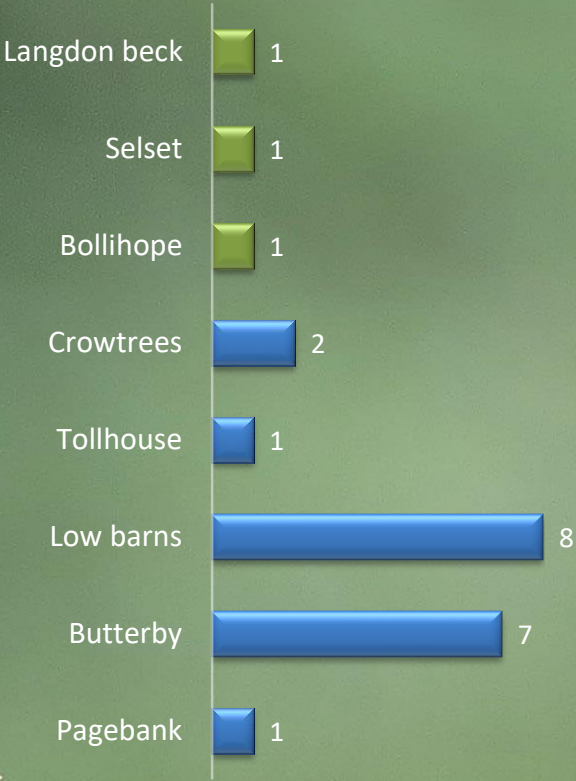
Peak counts by location

Sedge Warbler

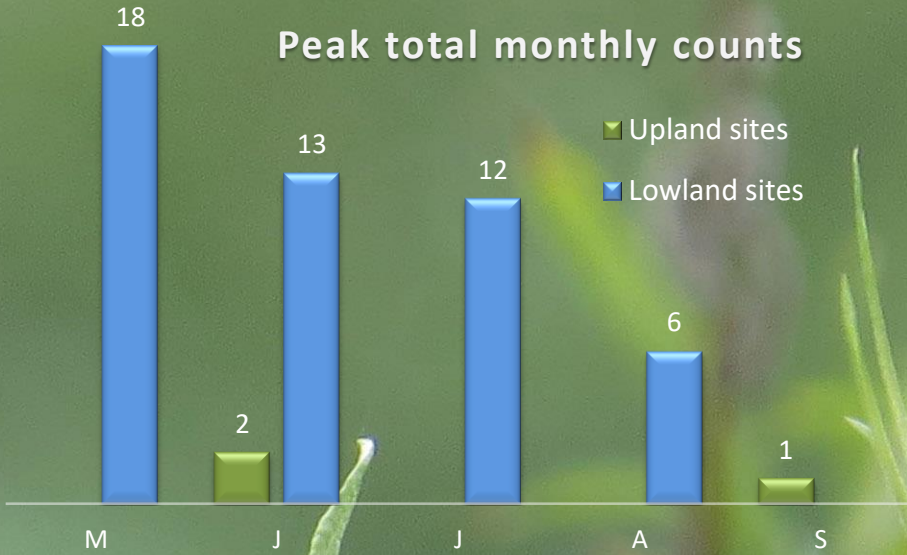
(*Acrocephalus schoenobaenus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak total monthly counts



Reed Warbler (*Acrocephalus scirpaceus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollmose area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Peak monthly counts by location



	J	F	M	A	M	J	J	A	S	O	N	D
Butterby	0	0	0	0	5	5	4	6	0	0	0	0
Low Barns	0	0	0	0	8	4	7	1	1	0	0	0

Grasshopper Warbler (*Locustella naevia*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Peak monthly counts by location



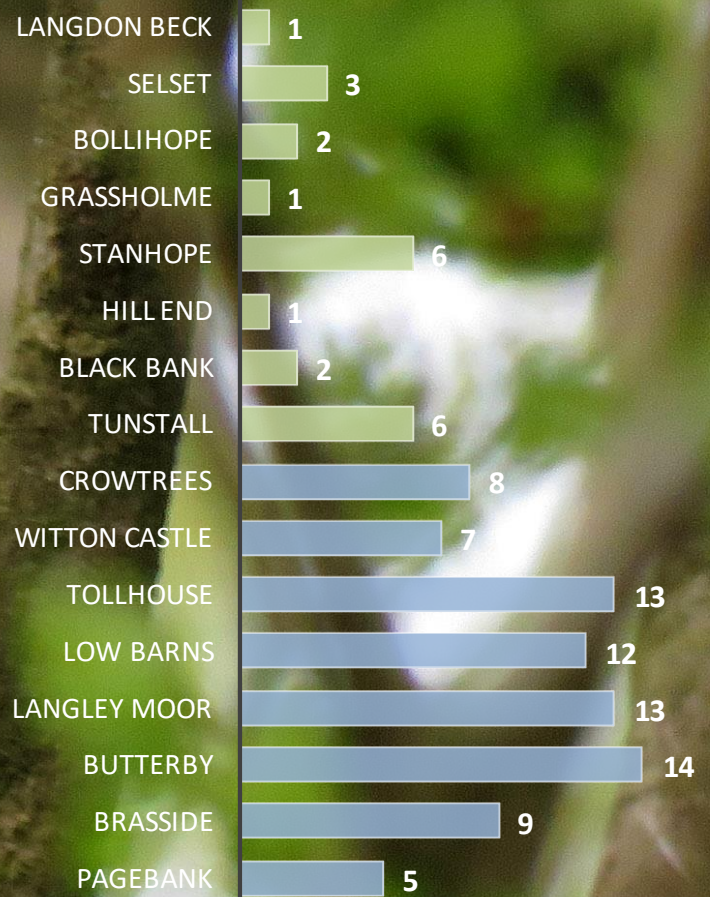
Blackcap

(Sylvia atricapilla)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



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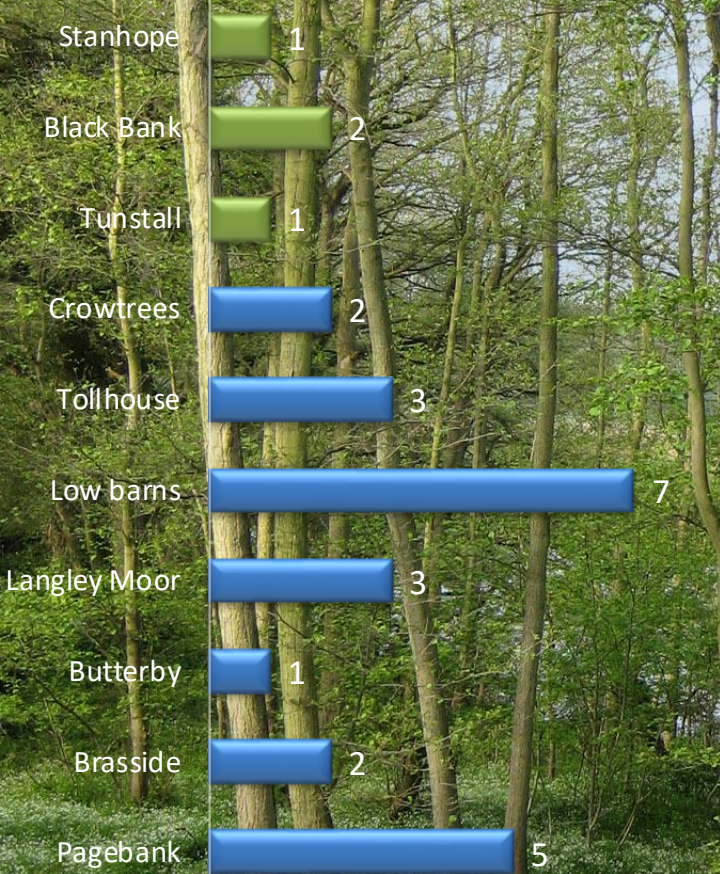
Garden Warbler (*Sylvia borin*)



Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Brassholm Reservoir
Tollhouse area	Tollhouse
Witten Castle	Witten Castle
Crowtrees Quarry	Crowtrees

Peak counts by location



167



Lesser Whitethroat (*Sylvia curruca*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

168



Peak monthly counts

	J	F	M	A	M	J	J	A	S	O	N	D
Pagebank	0	0	0	0	0	0	0	1	0	0	0	0
Butterby	0	0	0	0	0	2	0	0	0	0	0	0
Tollhouse	0	0	0	0	0	0	0	1	0	0	0	0
Crowtrees	0	0	0	0	3	0	0	0	0	0	0	0

Whitethroat

(Sylvia communis)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



169

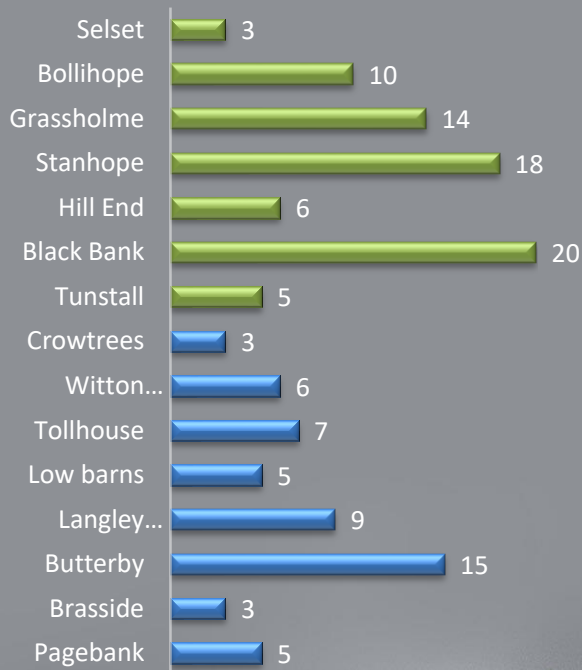


PEAK MONTHLY COUNTS

■ Upland sites
■ Lowland sites
■ All sites



Peak counts by location

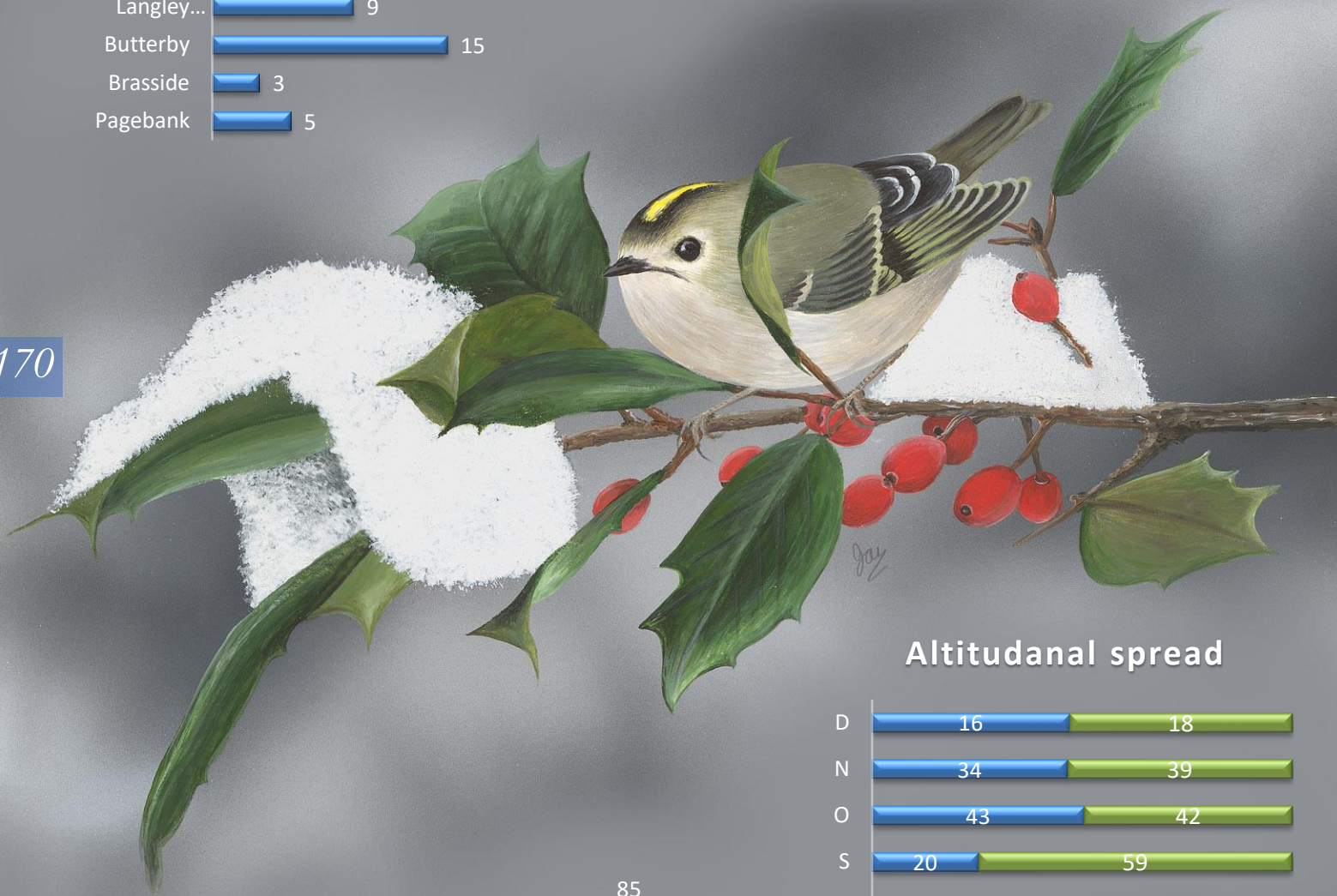


Goldcrest (*Regulus regulus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

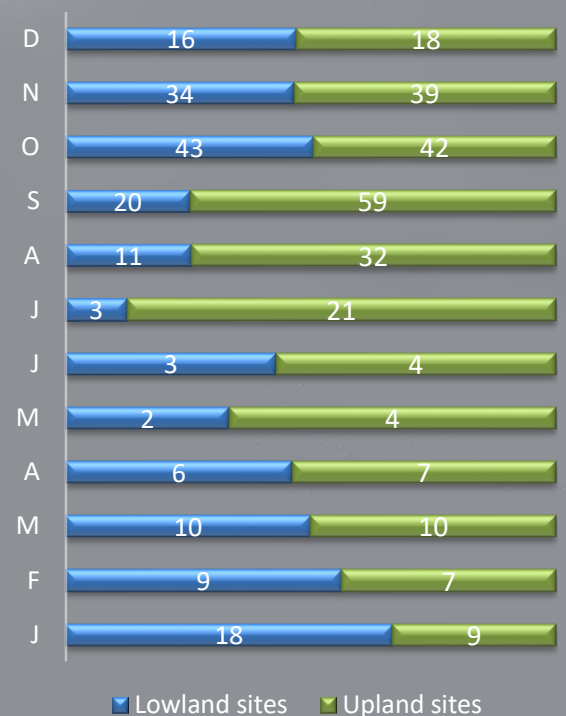
170



Peak monthly counts all sites

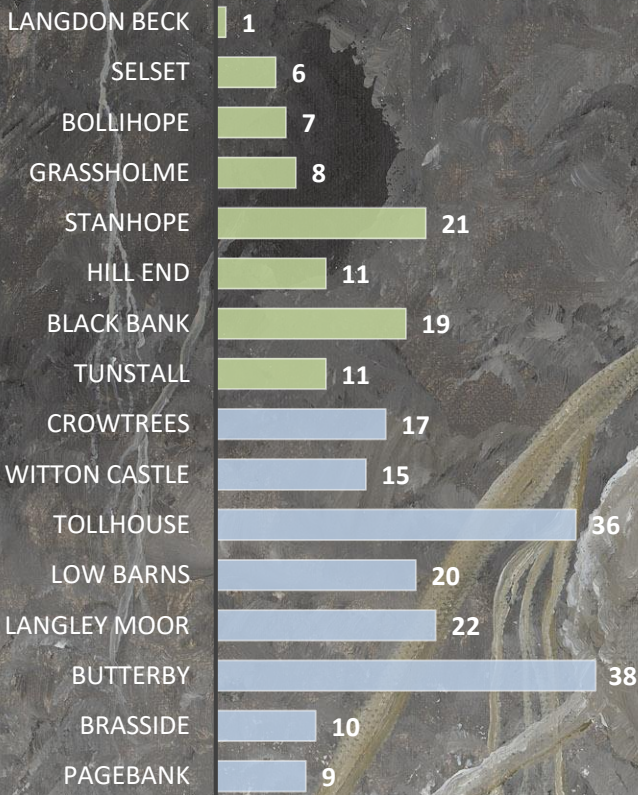


Altitudinal spread



Lowland sites Upland sites

Peak counts by location



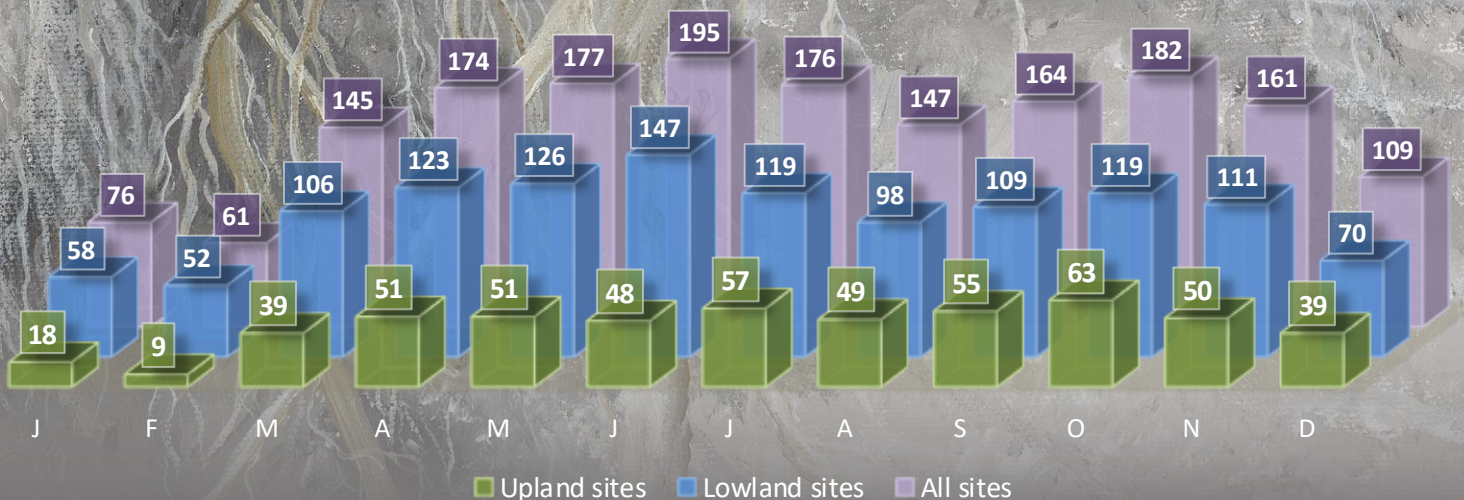
Wren

(Troglodytes troglodytes)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barnes	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

PEAK MONTHLY COUNTS

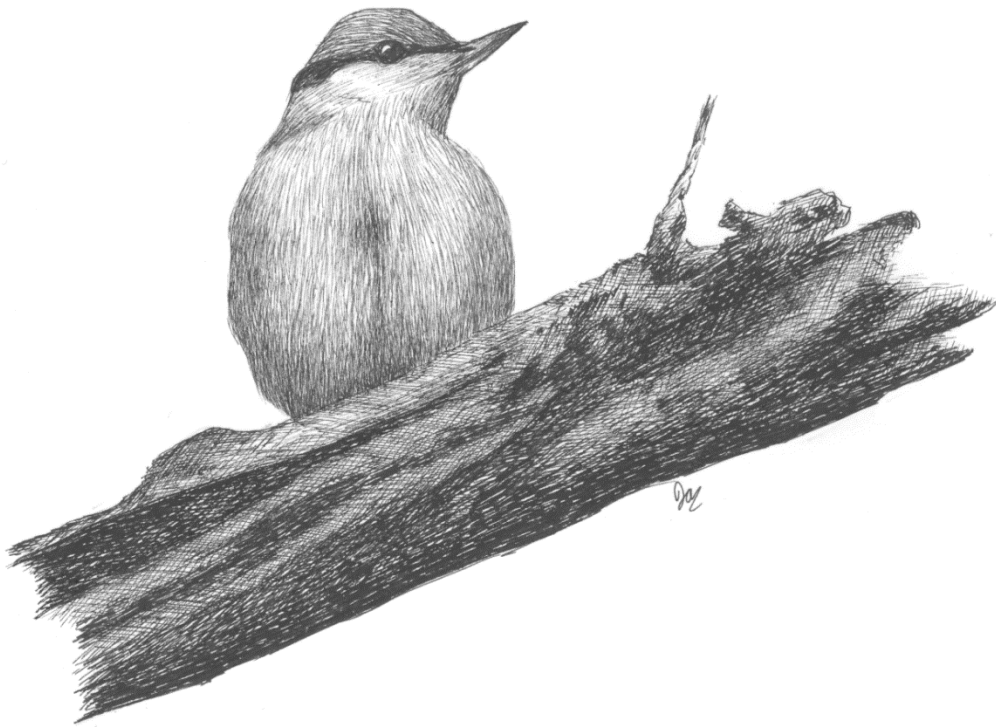
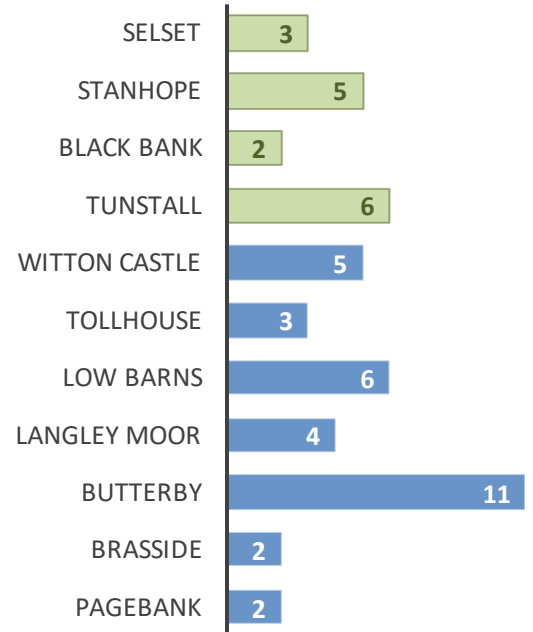


Nuthatch (*Sitta europaea*)

Species seen at least once at:

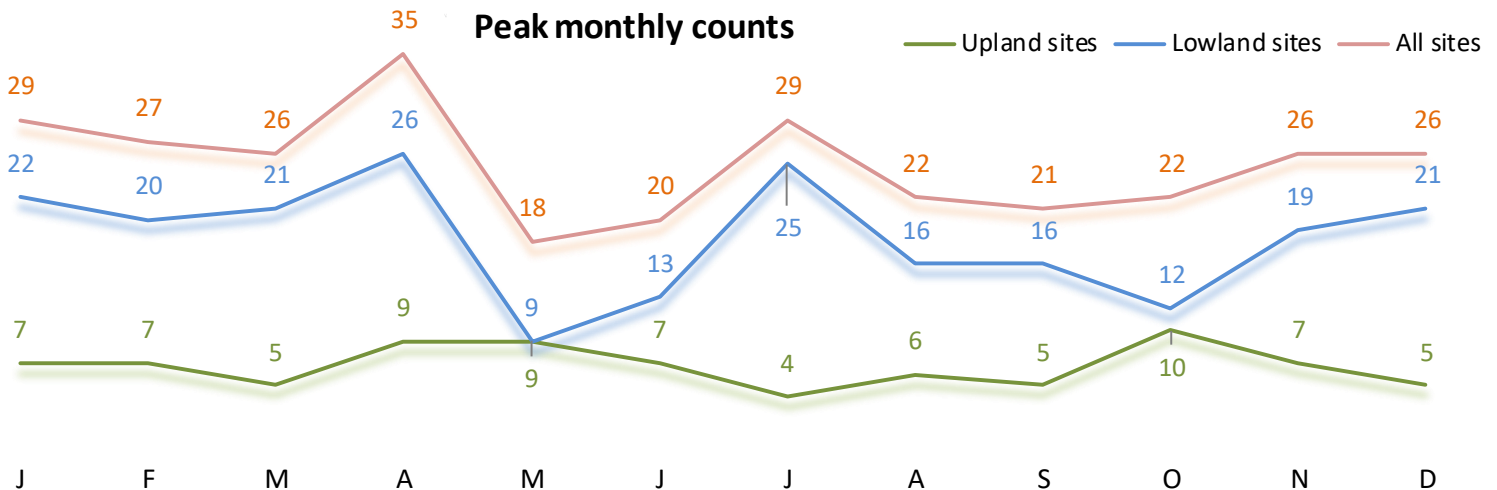
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



172

Peak monthly counts

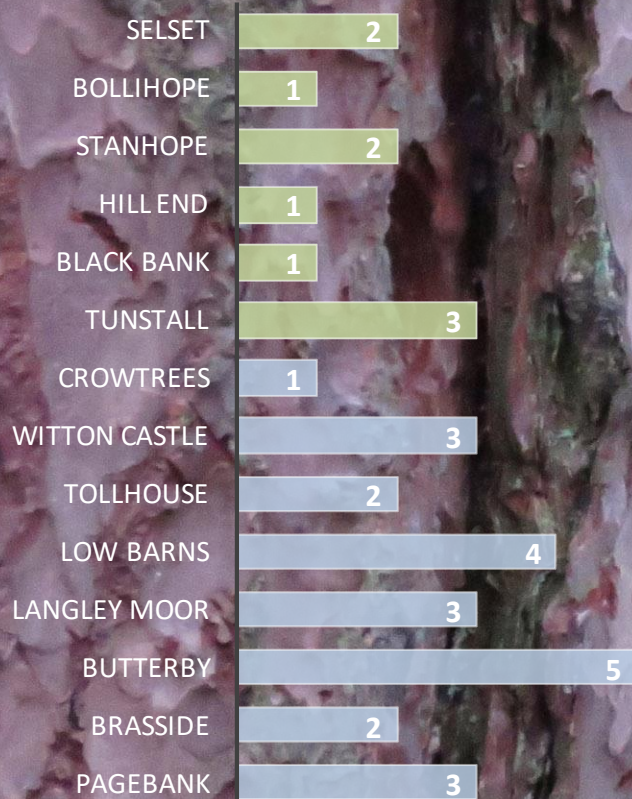


Treecreeper (*Certhia familiaris*)

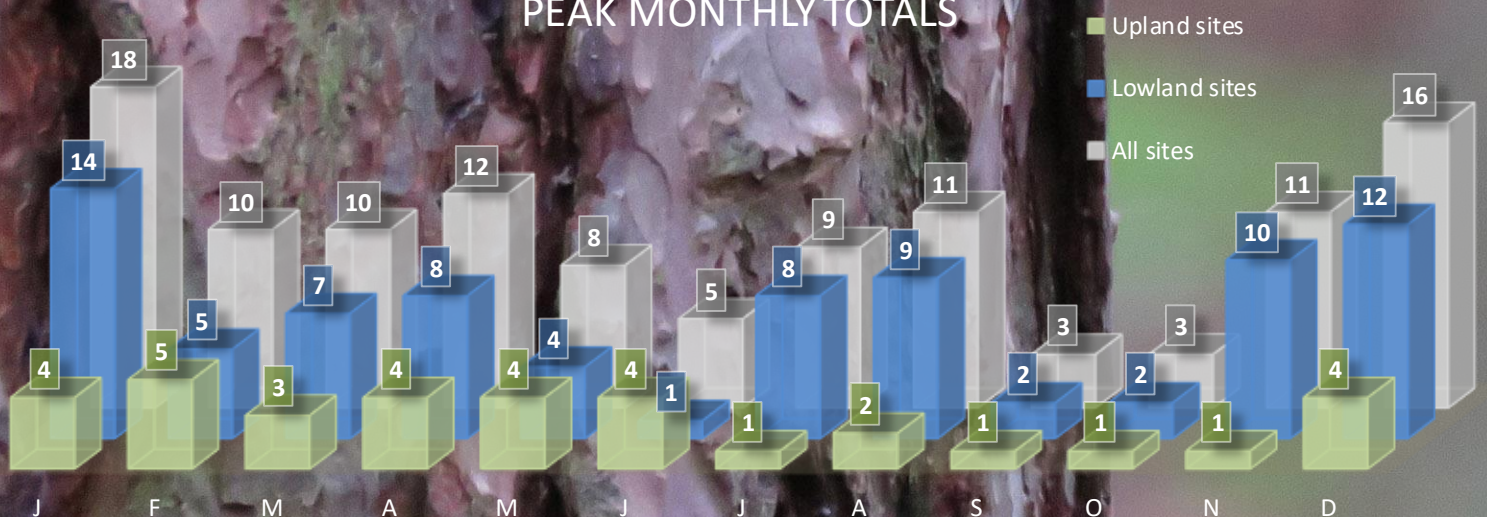
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

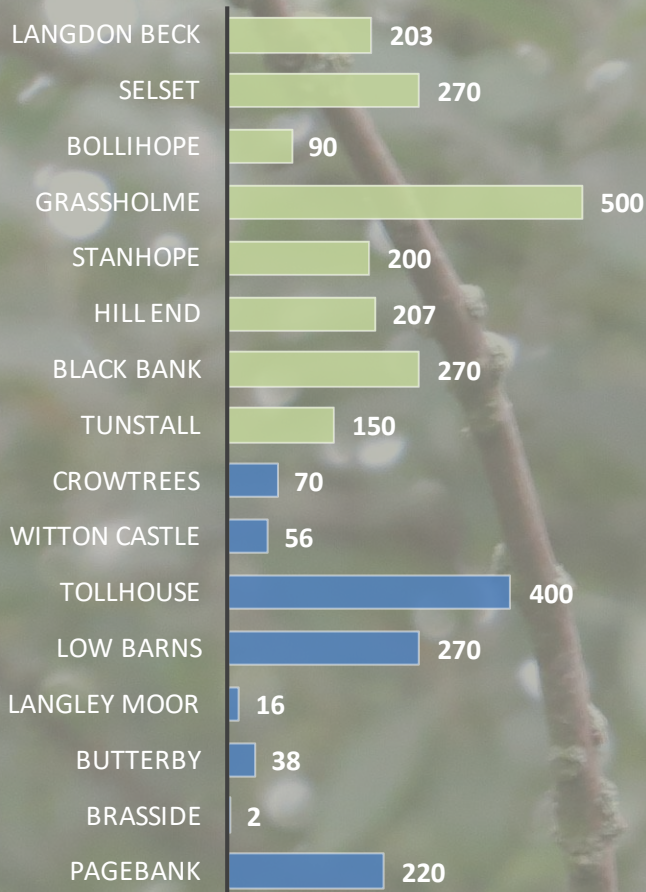
Peak counts by location



PEAK MONTHLY TOTALS



Peak counts by location

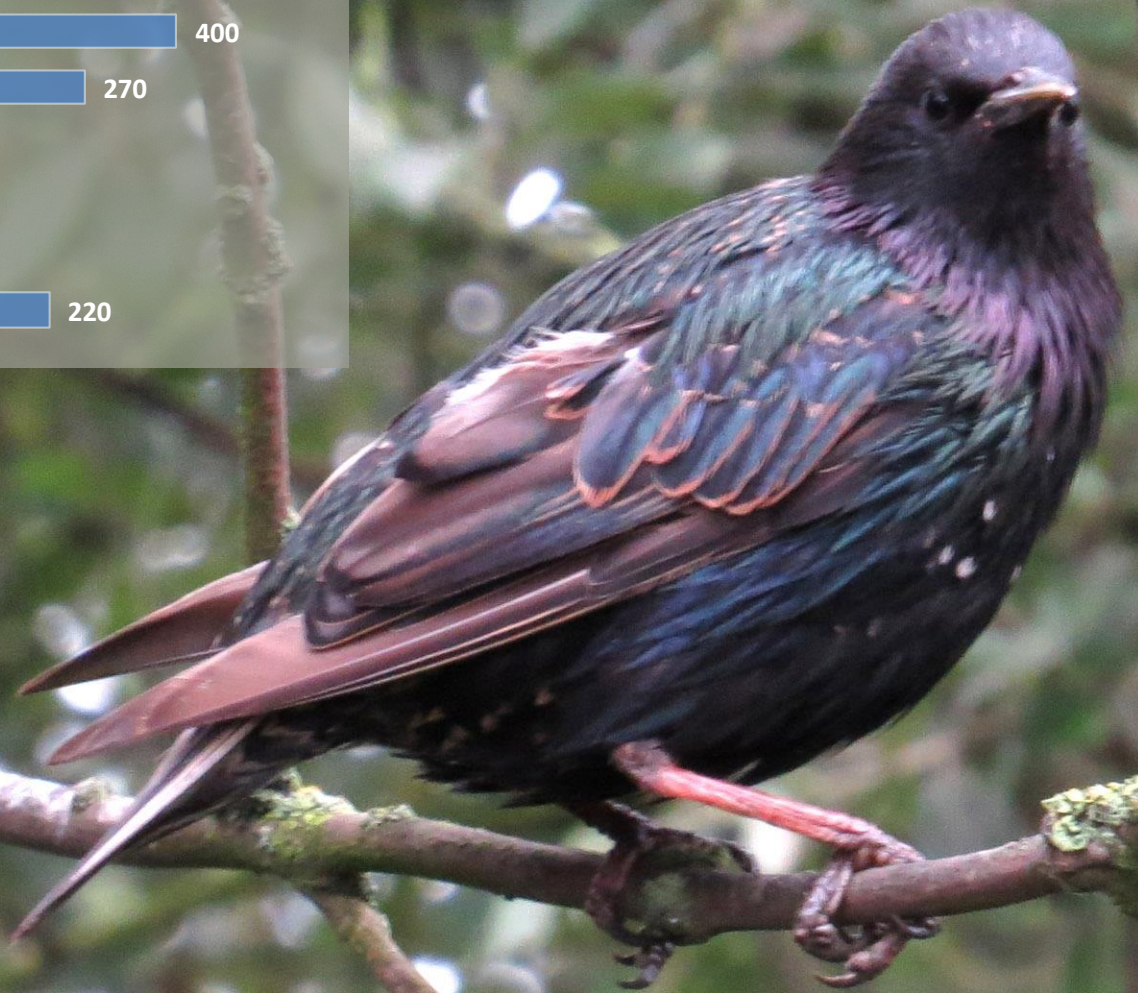


Starling

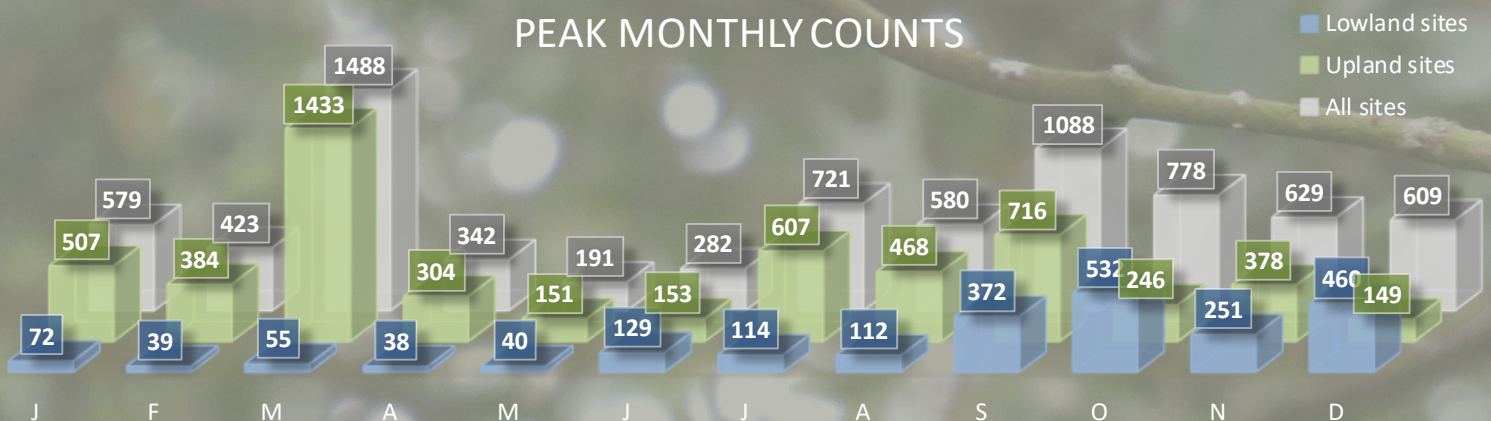
(Sturnus vulgaris)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



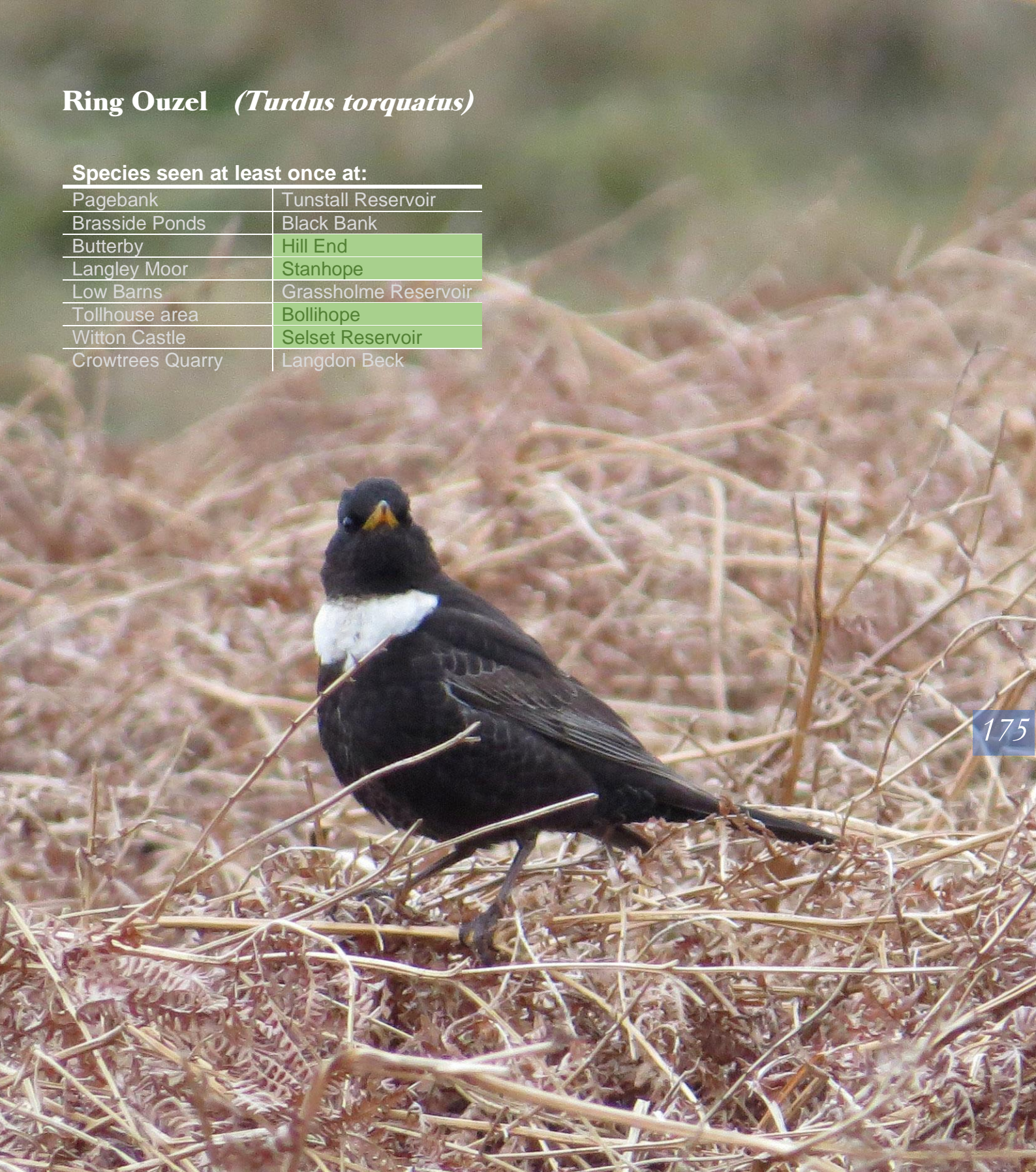
PEAK MONTHLY COUNTS



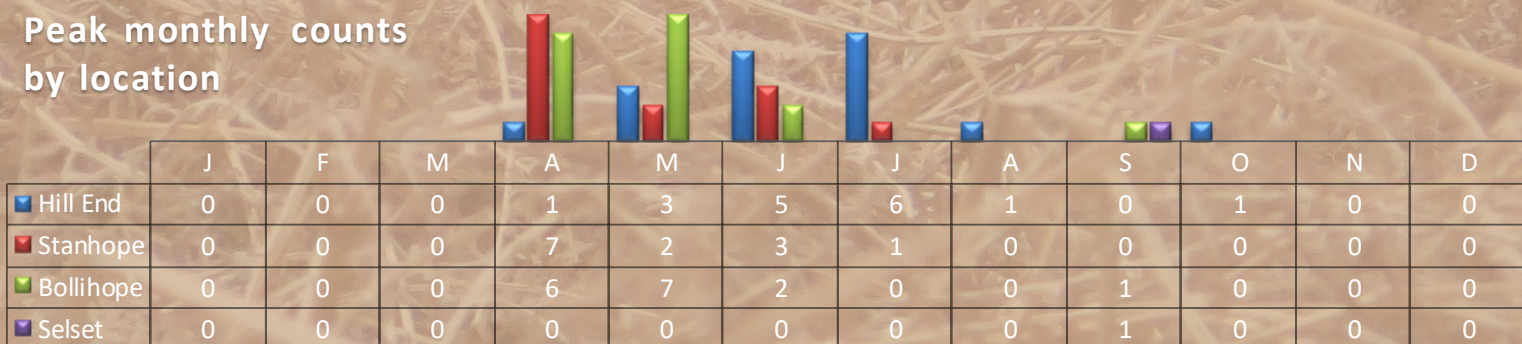
Ring Ouzel (*Turdus torquatus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak monthly counts by location



Blackbird (*Turdus merula*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

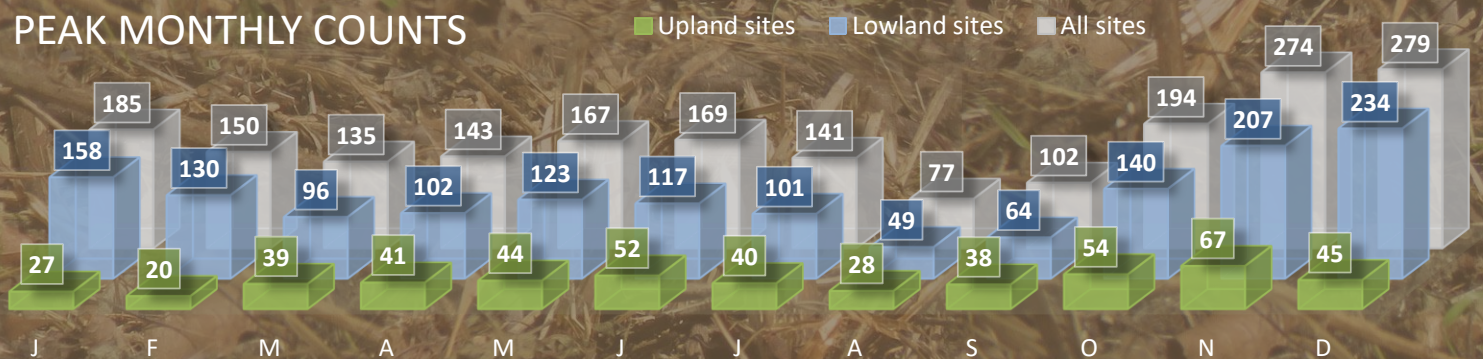
Peak counts by location



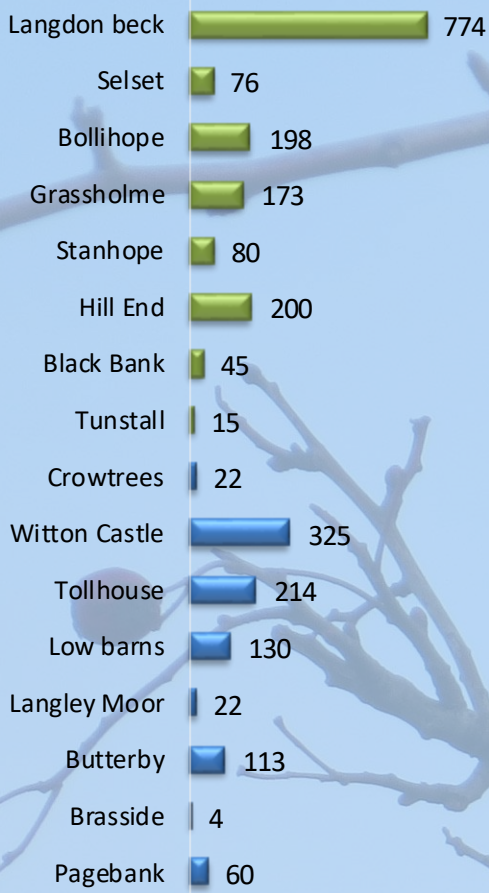
176



PEAK MONTHLY COUNTS



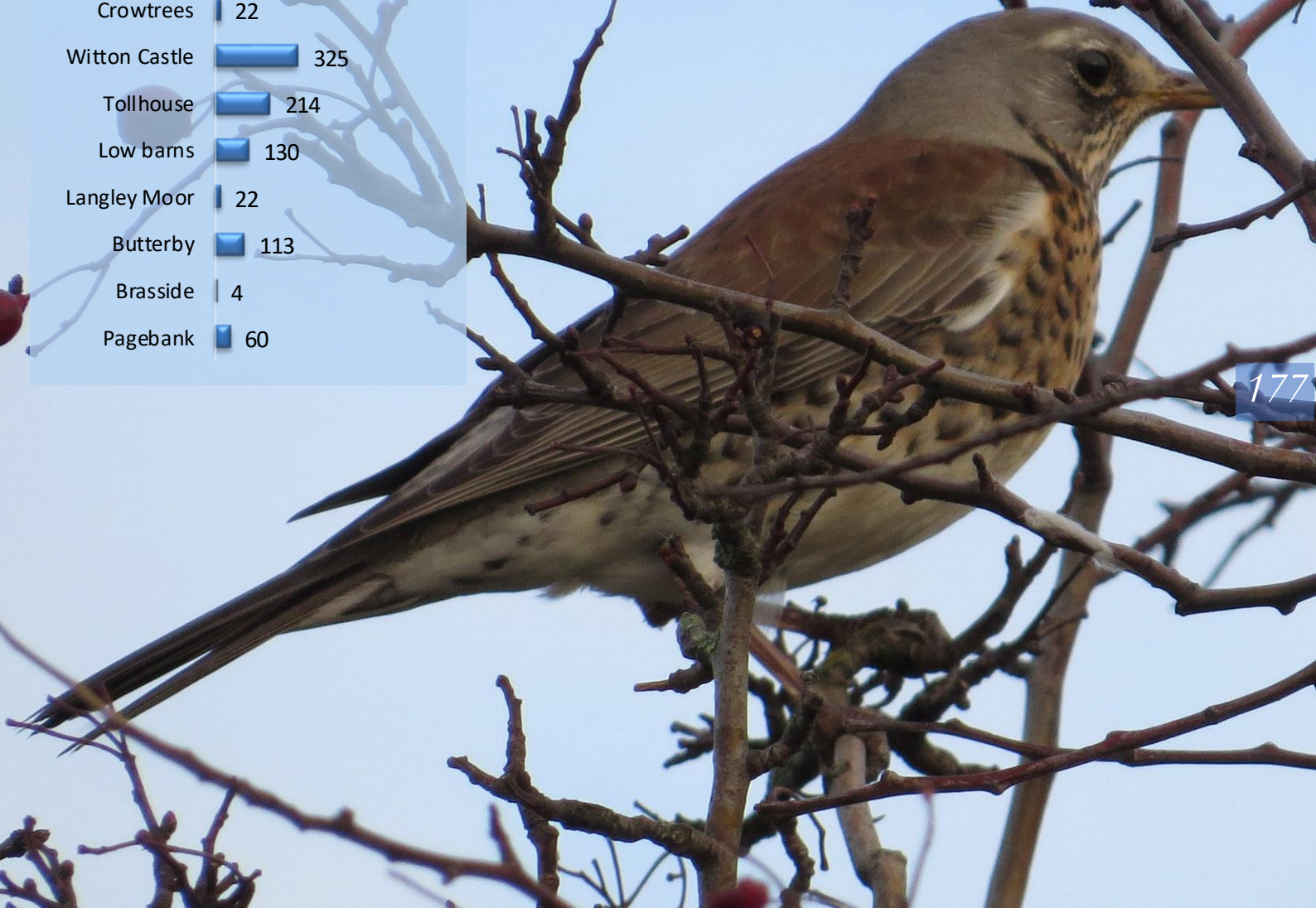
Peak counts by location



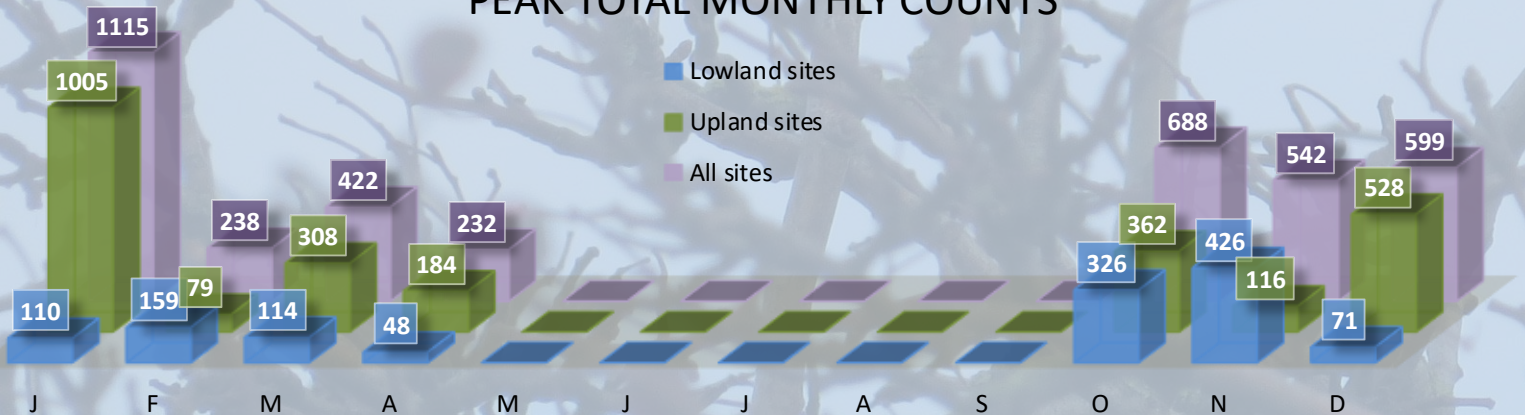
Fieldfare (*Turdus pilaris*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



PEAK TOTAL MONTHLY COUNTS



Redwing (*Turdus iliacus*)

Peak counts by location

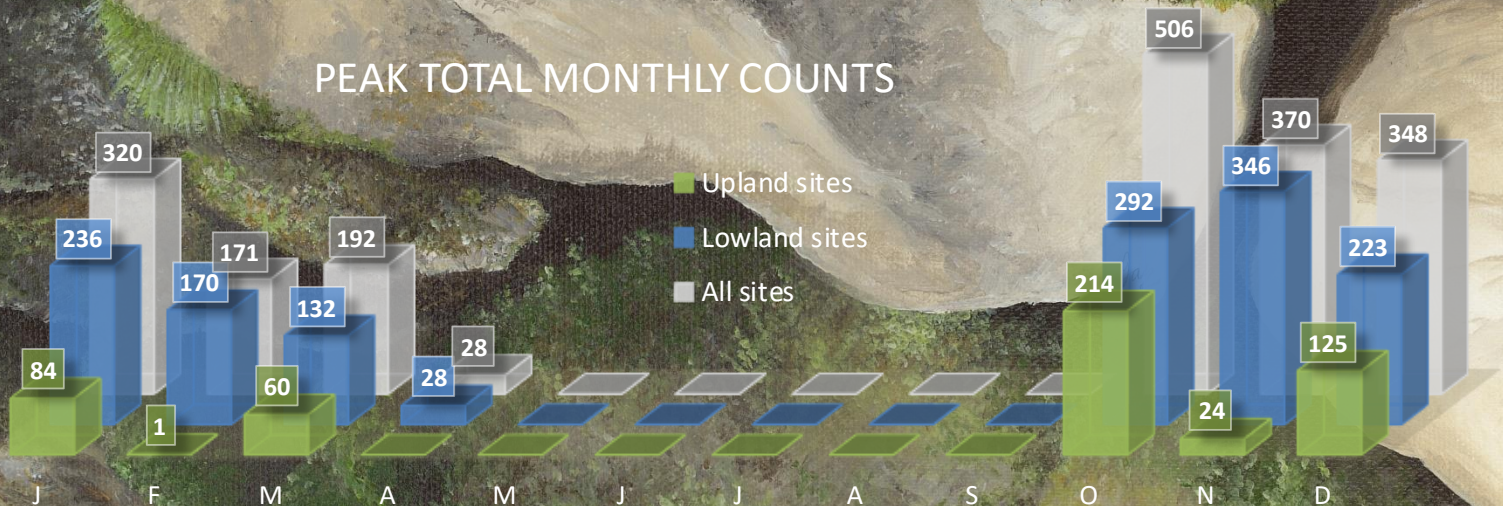
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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PEAK TOTAL MONTHLY COUNTS



Song Thrush (*Turdus philomelos*)

Peak counts by location



Species seen at least once at:

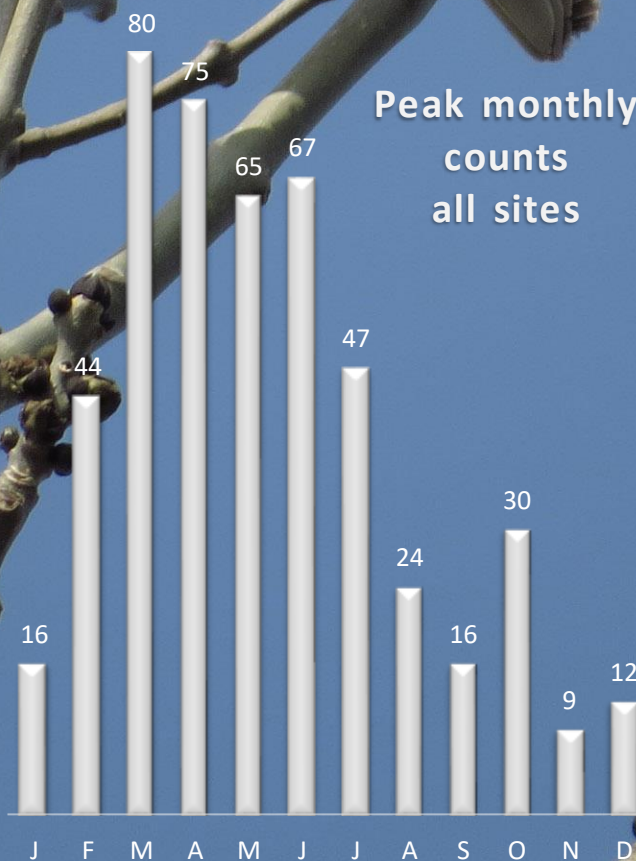
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

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Altitudinal spread total counts



Peak monthly counts all sites

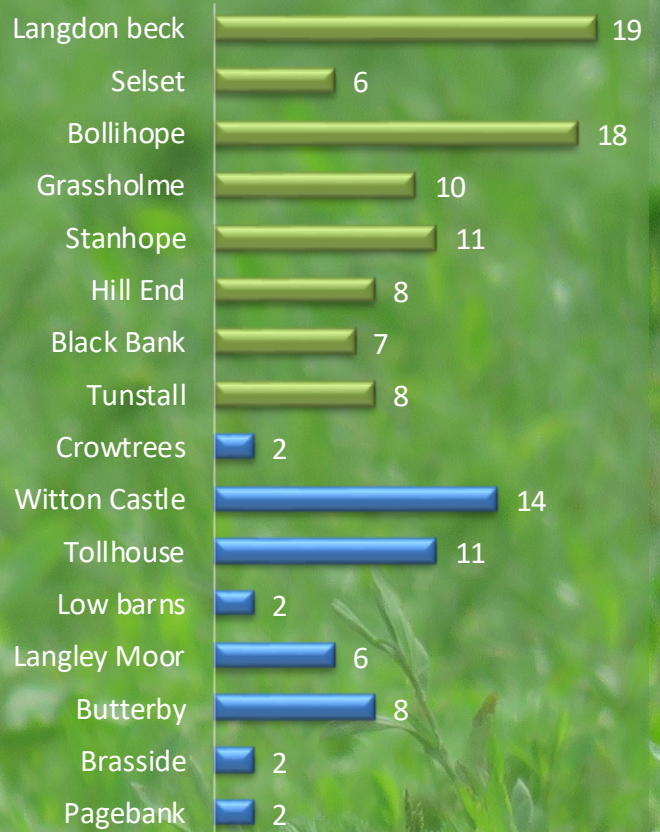


Mistle Thrush (*Turdus viscivorus*)

Species seen at least once at:

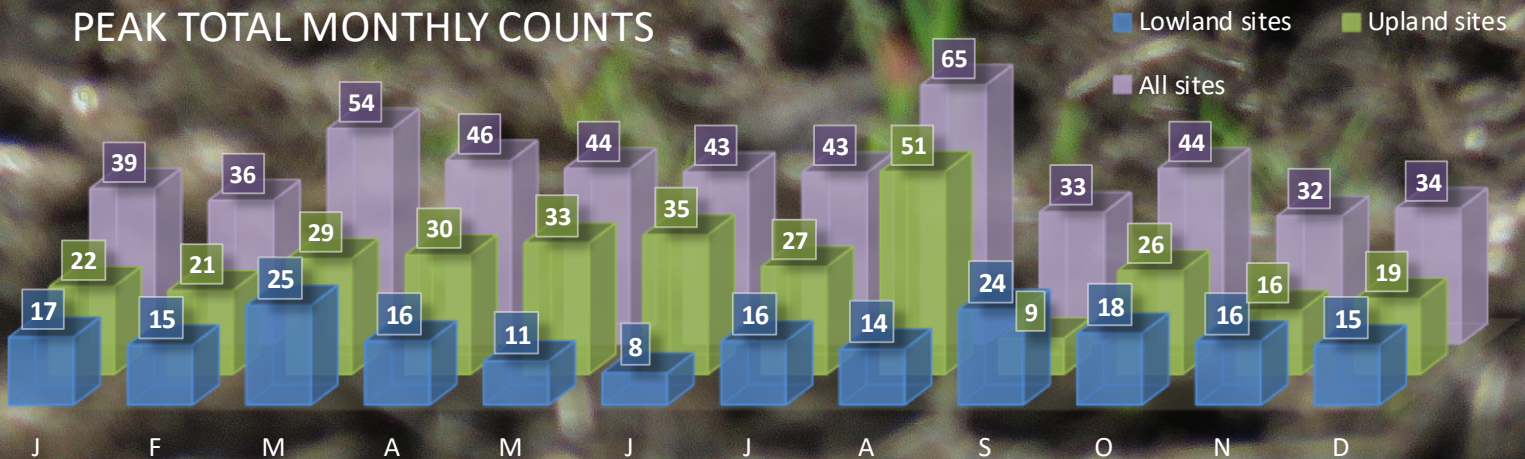
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



180

PEAK TOTAL MONTHLY COUNTS



Spotted Flycatcher

(Muscicapa striata)

Peak counts by location

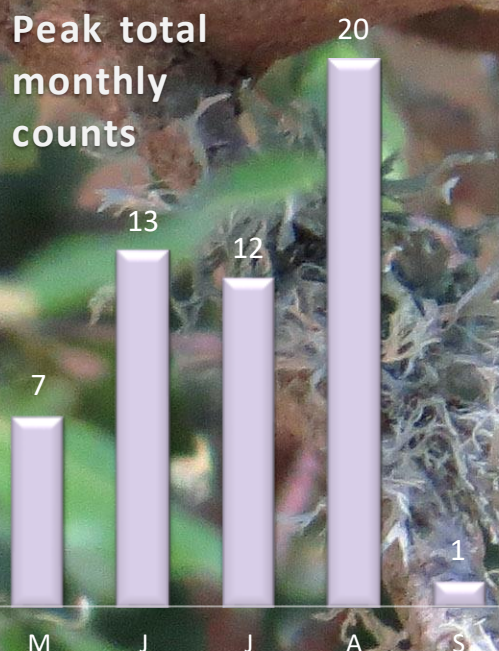
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Peak total monthly counts



Altitudinal spread



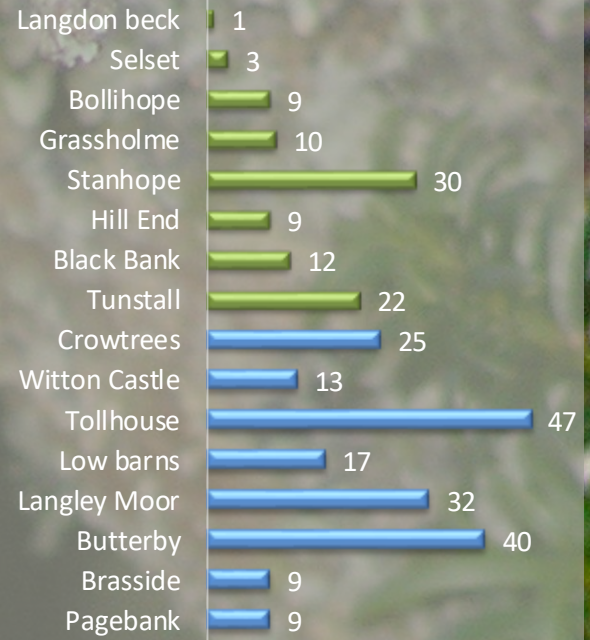
Lowland sites Upland sites

Robin (*Erithacus rubecula*)

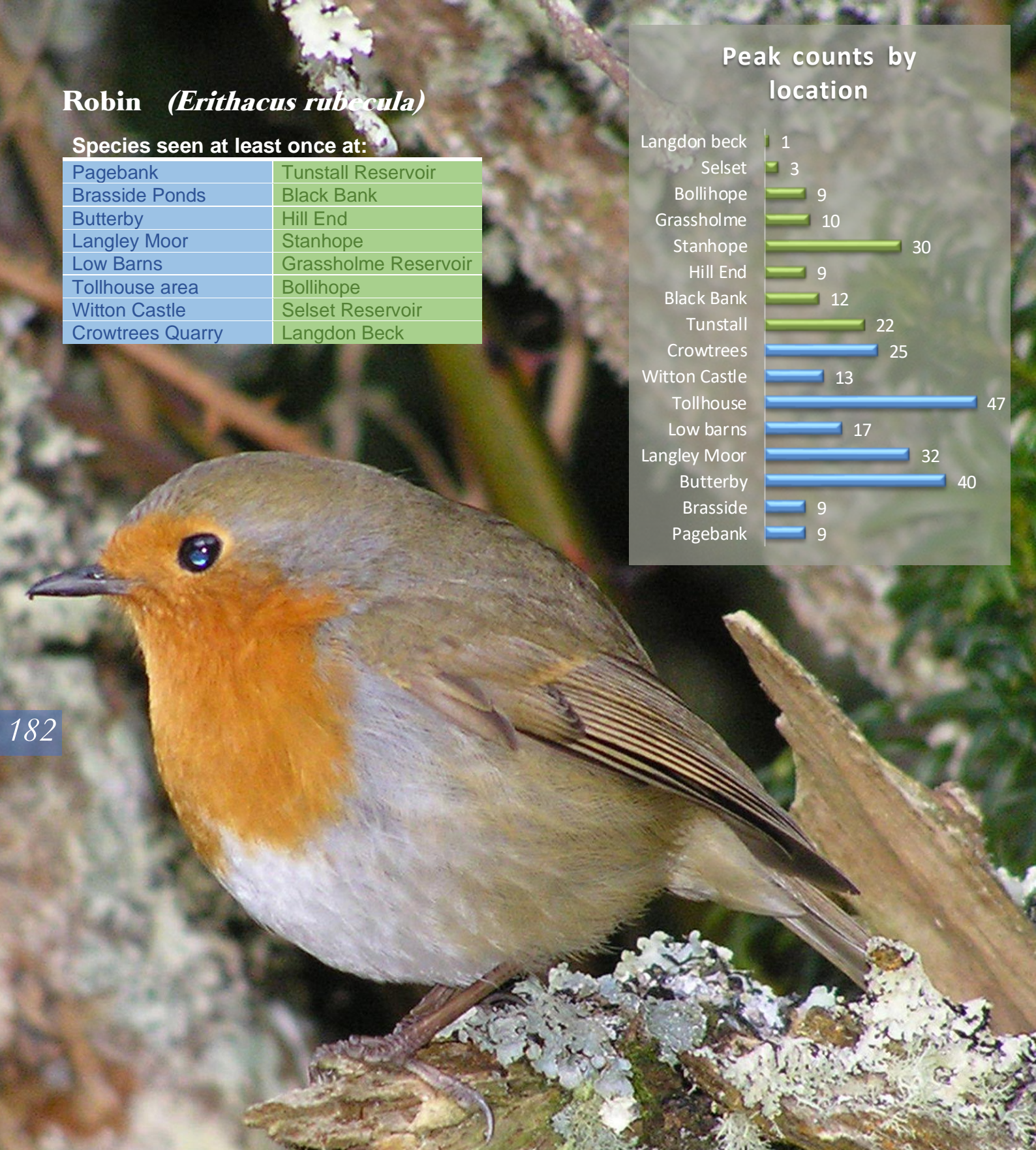
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

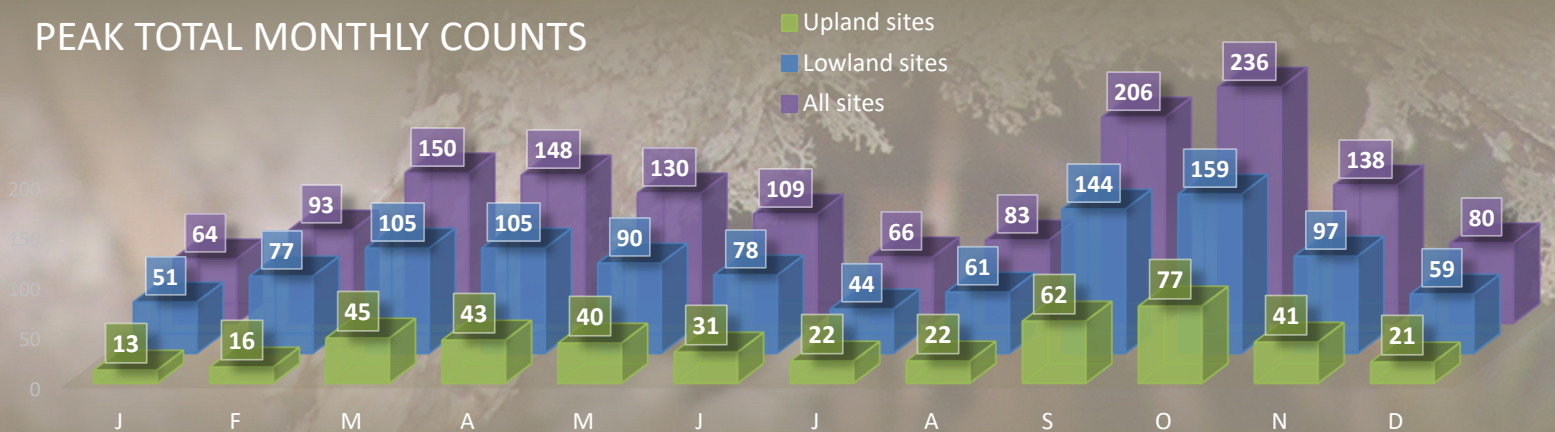
Peak counts by location



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PEAK TOTAL MONTHLY COUNTS



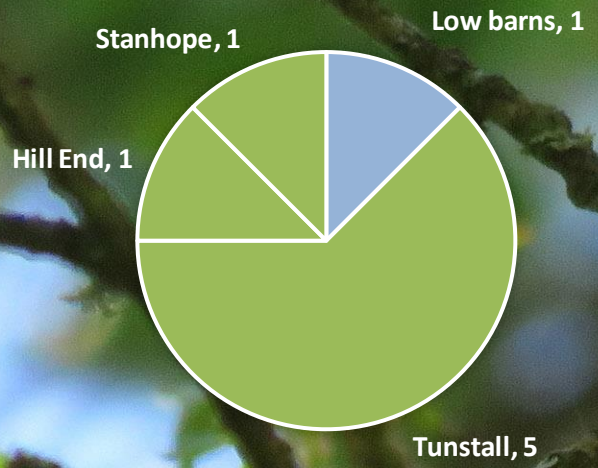
Pied Flycatcher

(Ficedula hypoleuca)

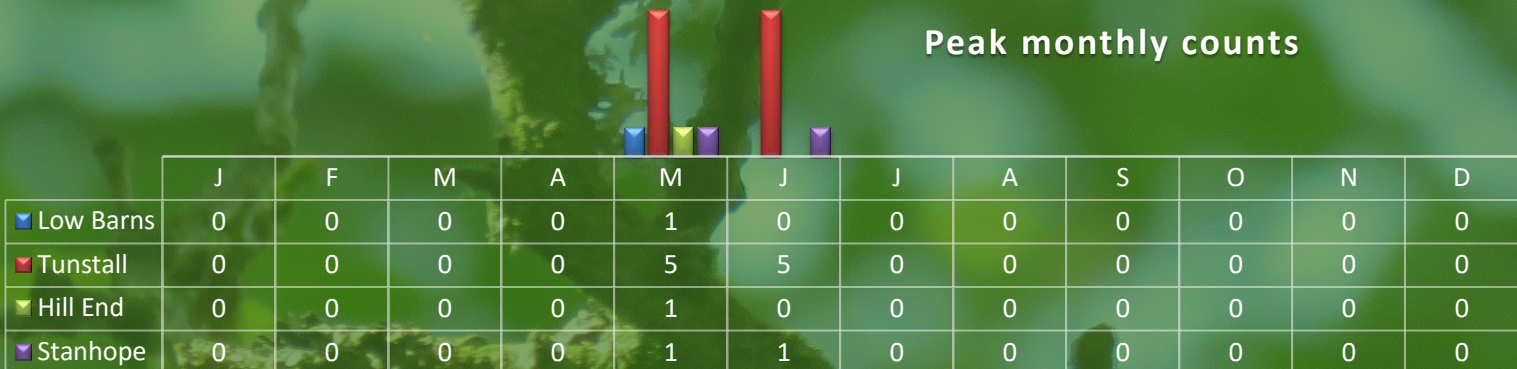
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollhope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

PEAK COUNTS BY LOCATION



Peak monthly counts



Redstart

(Phoenicurus phoenicurus)

Species seen at least once at:

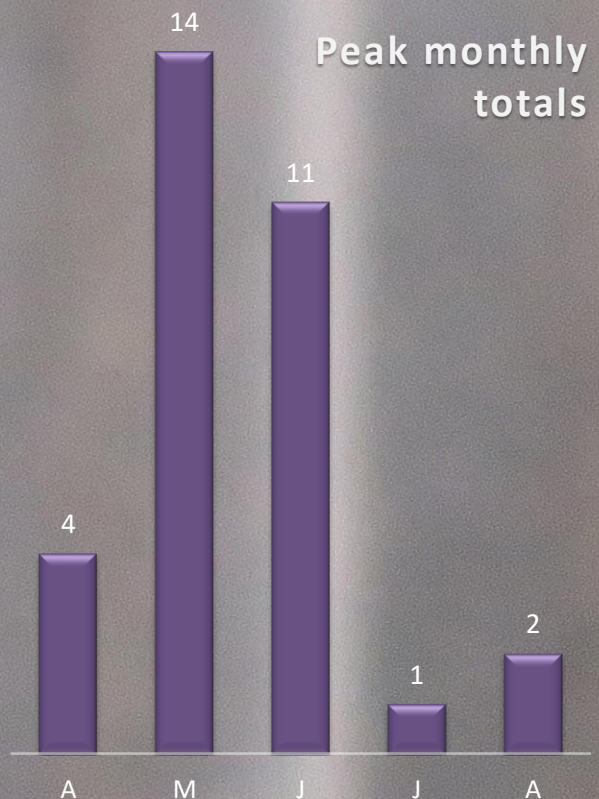
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak counts by location



Peak monthly totals



Whinchat (*Saxicola rubetra*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

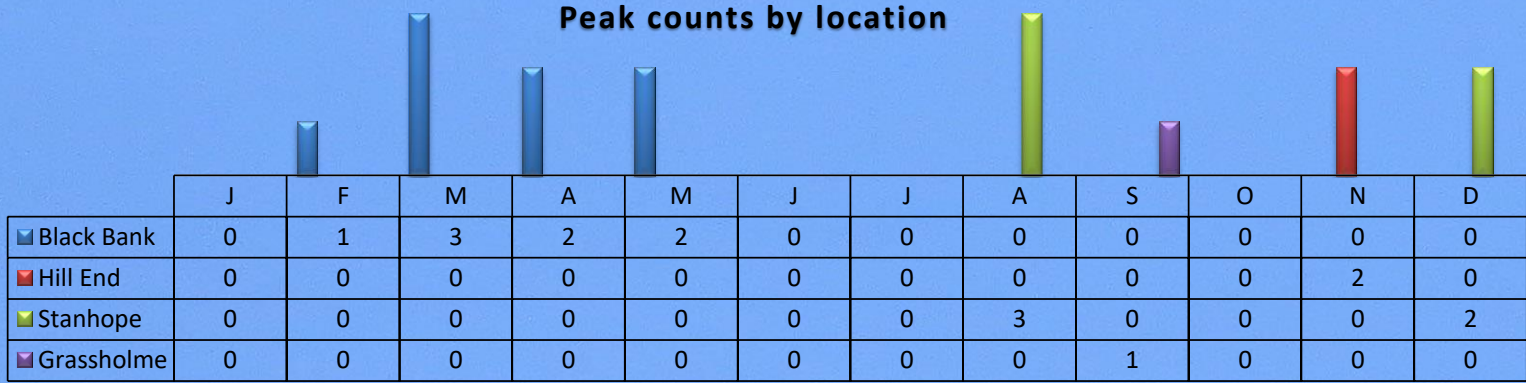


Peak counts by location



	J	F	M	A	M	J	J	A	S	O	N	D
Tollhouse	0	0	0	0	0	0	0	1	0	0	0	0
Grassholme	0	0	0	0	0	0	0	1	0	0	0	0

Peak counts by location



Stonechat (*Saxicola rubicola*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck





Wheatear

(Oenanthe Oenanthe)

Species seen at least once at:

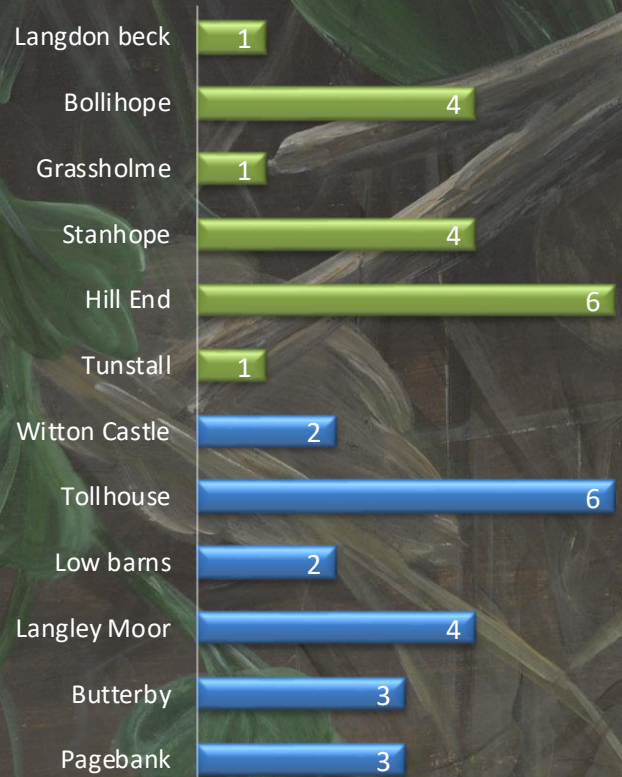
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Dipper (*Cinclus cinclus*)

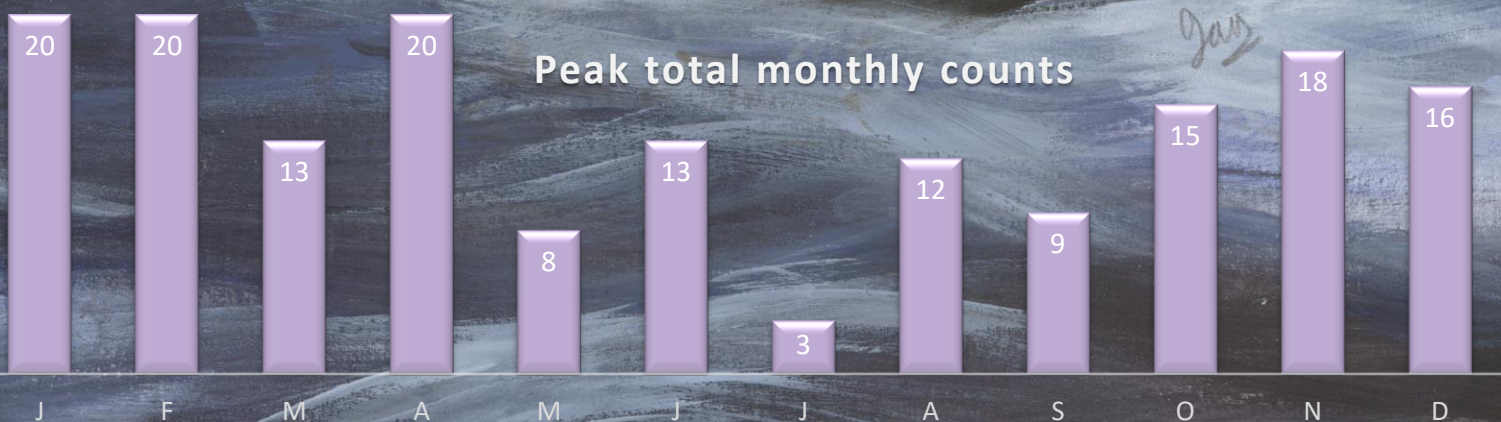
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

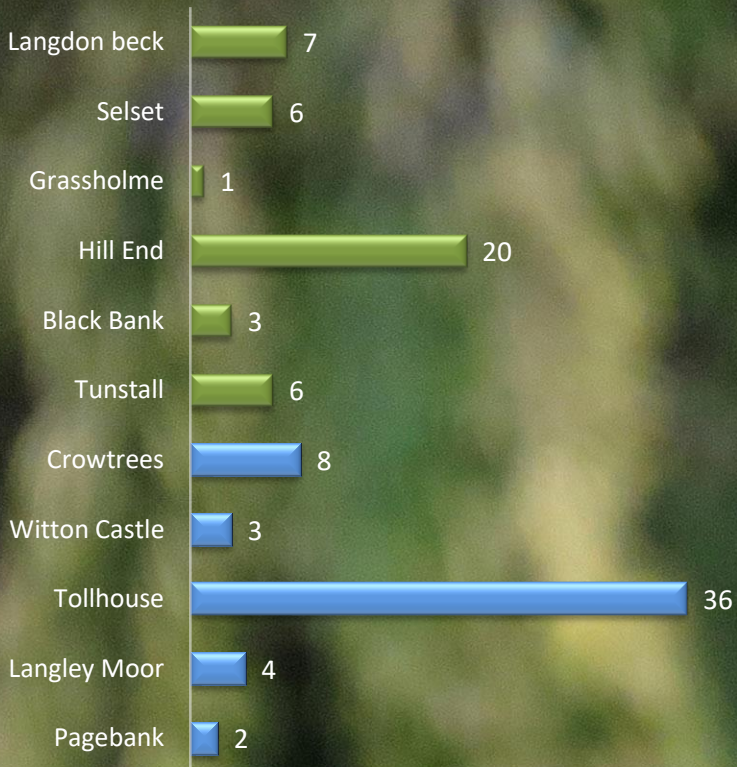
Peak counts by location



Peak total monthly counts



Peak counts by location



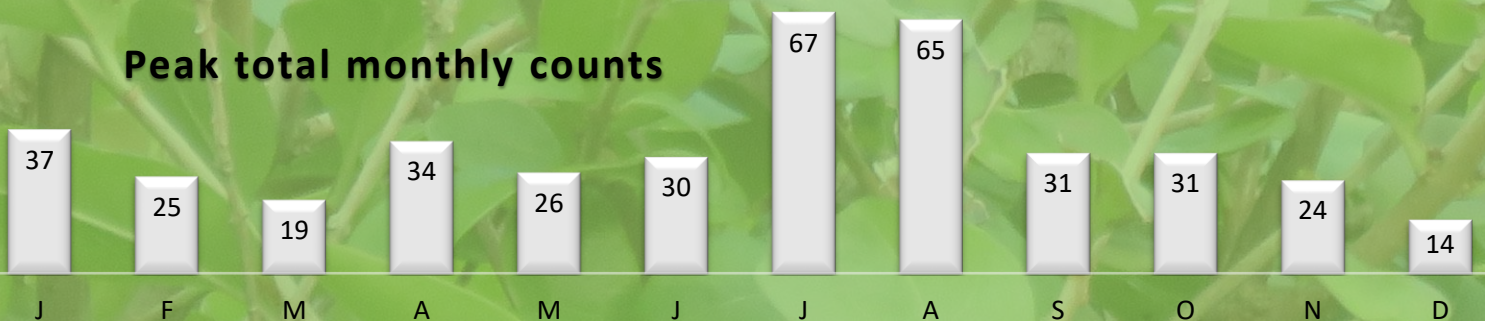
House Sparrow

(Passer domesticus)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak total monthly counts

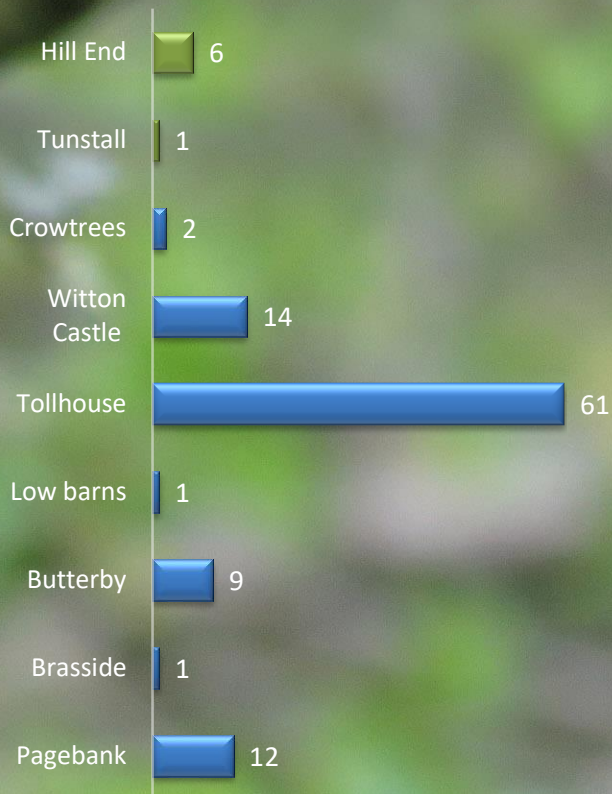


Peak counts by location

Tree Sparrow (*Passer montanus*)

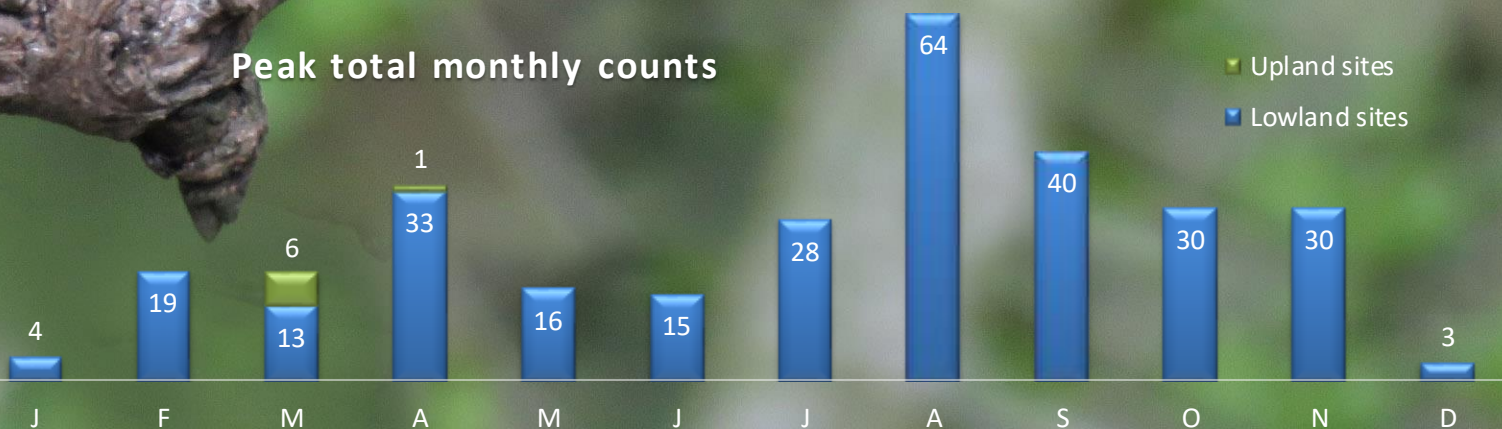
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



190

Peak total monthly counts

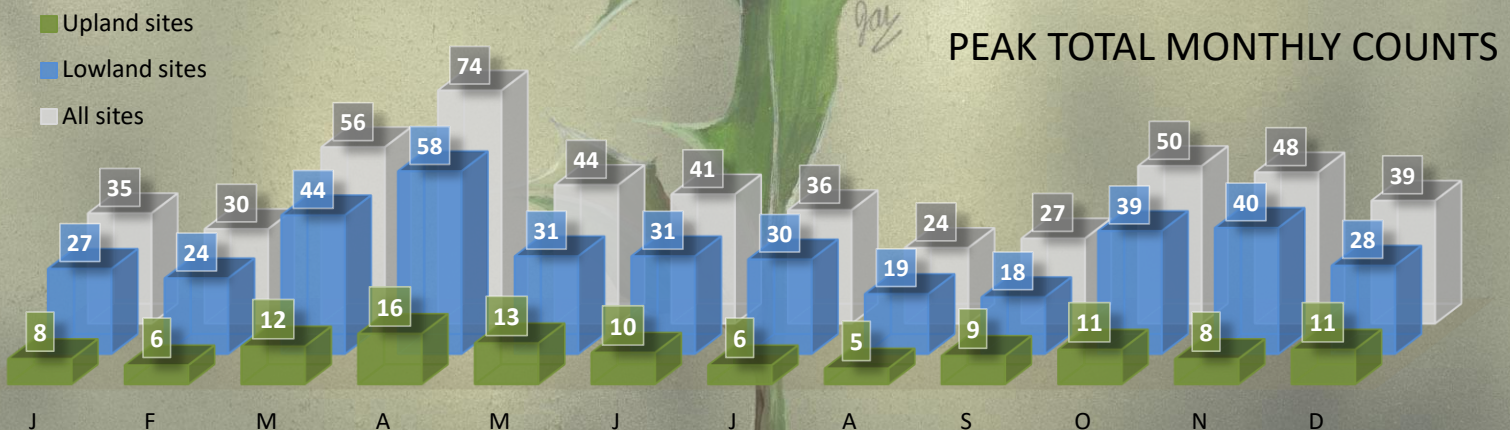
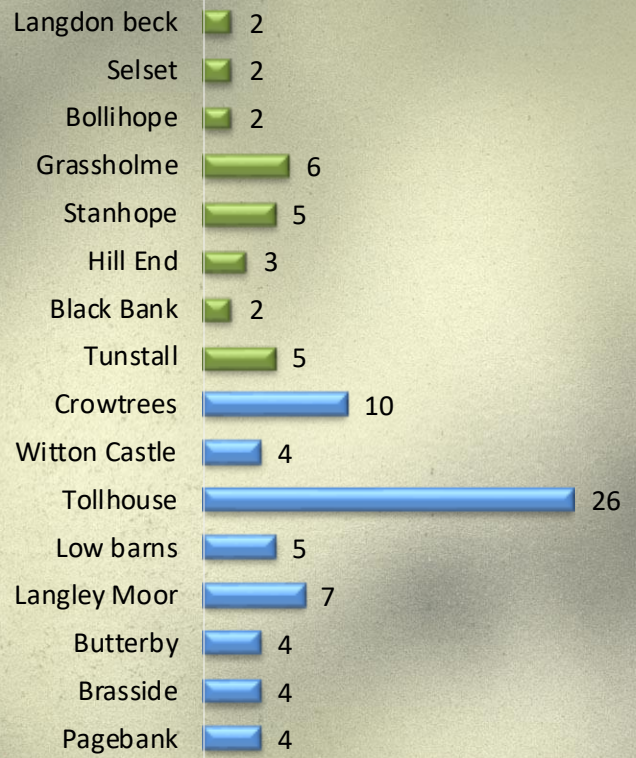


Peak counts by location

Dunnock (*Prunella modularis*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Yellow Wagtail (*Motacilla flava*)

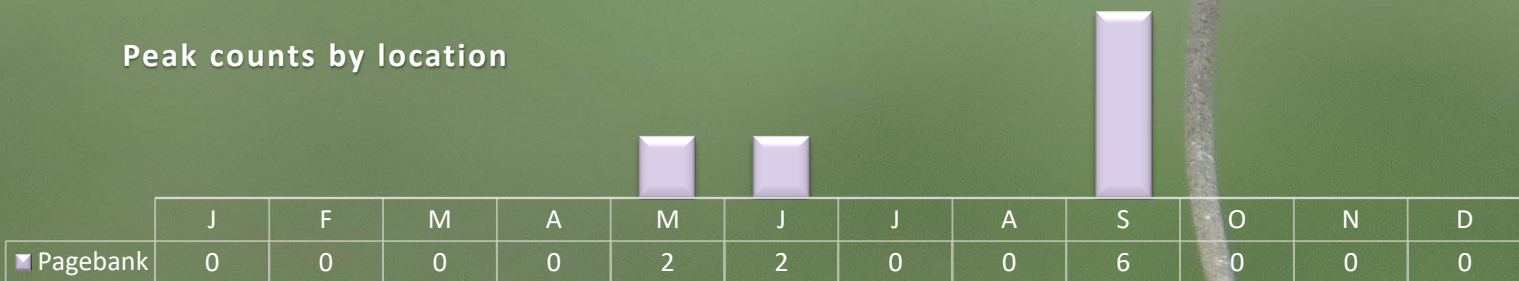
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Peak counts by location

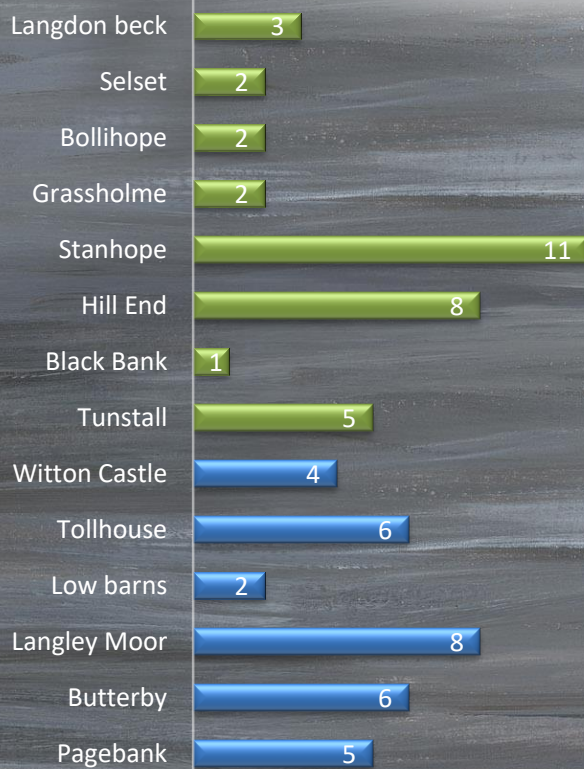


Peak counts by location

Grey Wagtail (*Motacilla cinerea*)

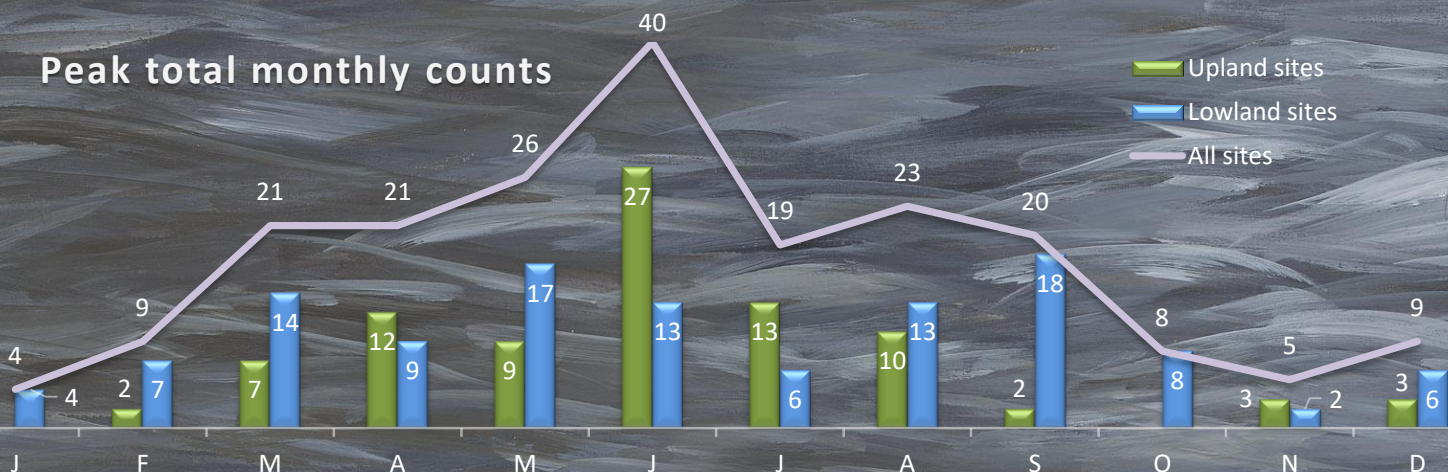
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Peak total monthly counts

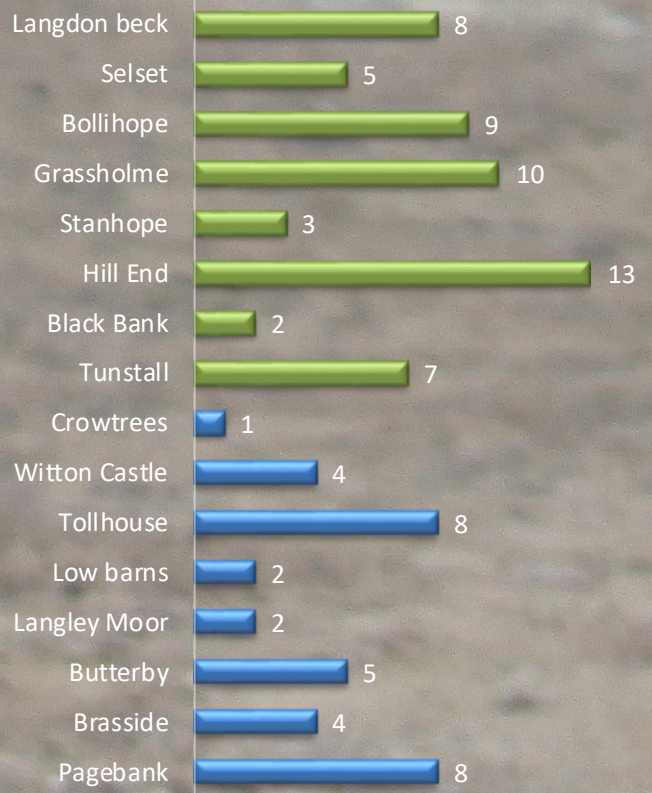


Pied Wagtail (*Motacilla alba*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



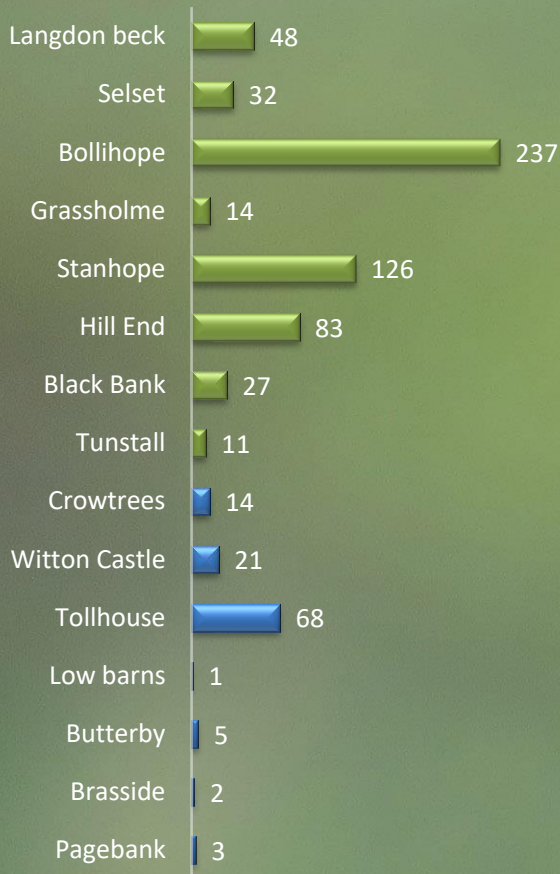
194



Peak total monthly counts



Peak counts by location



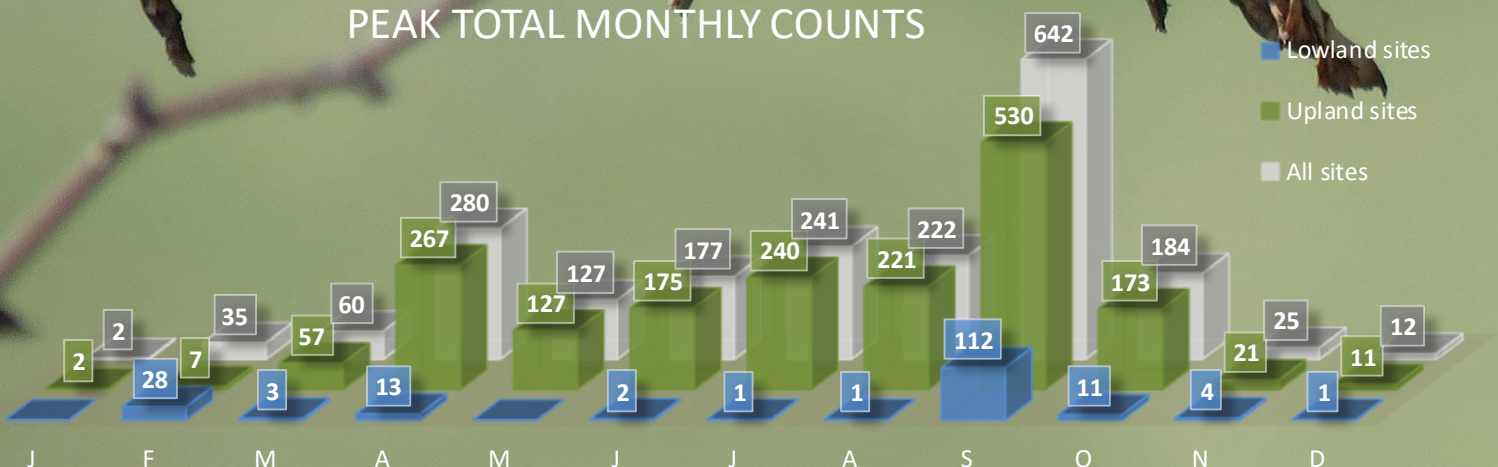
Meadow Pipit (*Anthus pratensis*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



PEAK TOTAL MONTHLY COUNTS



Peak counts by location



	J	F	M	A	M	J	J	A	S	O	N	D
Black Bank	0	0	0	0	4	2	1	0	0	0	0	0
Grassholme	0	0	0	0	0	2	0	0	0	0	0	0

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Tree Pipit (*Anthus trivialis*)

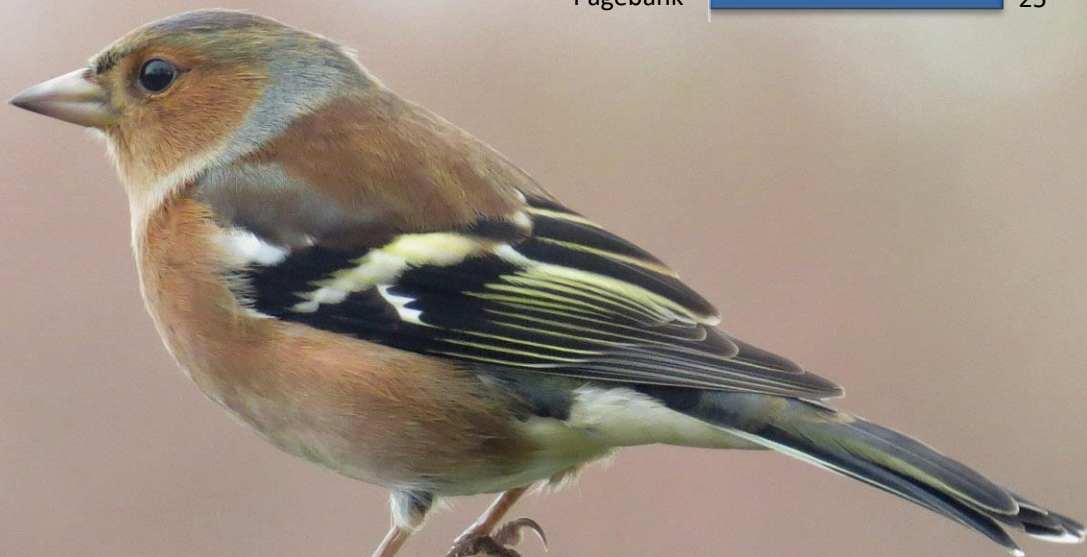
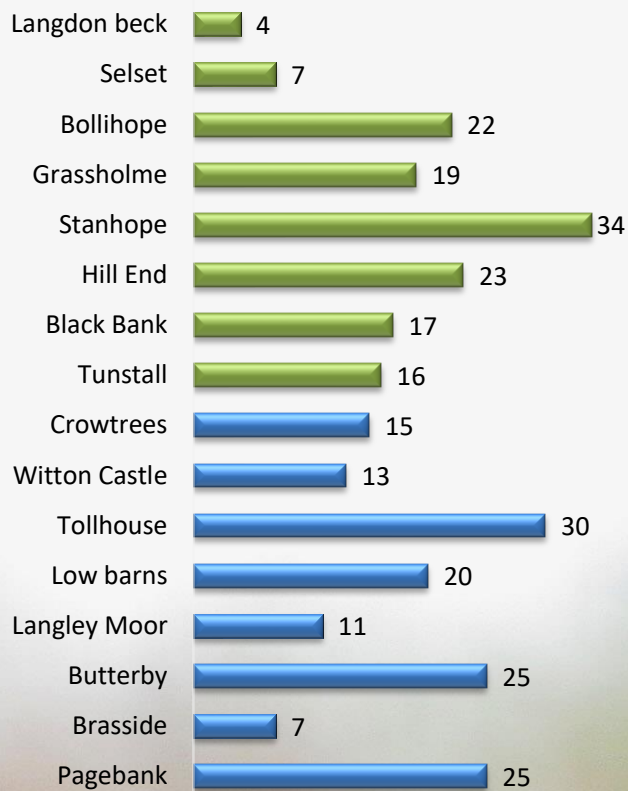


Chaffinch (*Fringilla coelebs*)

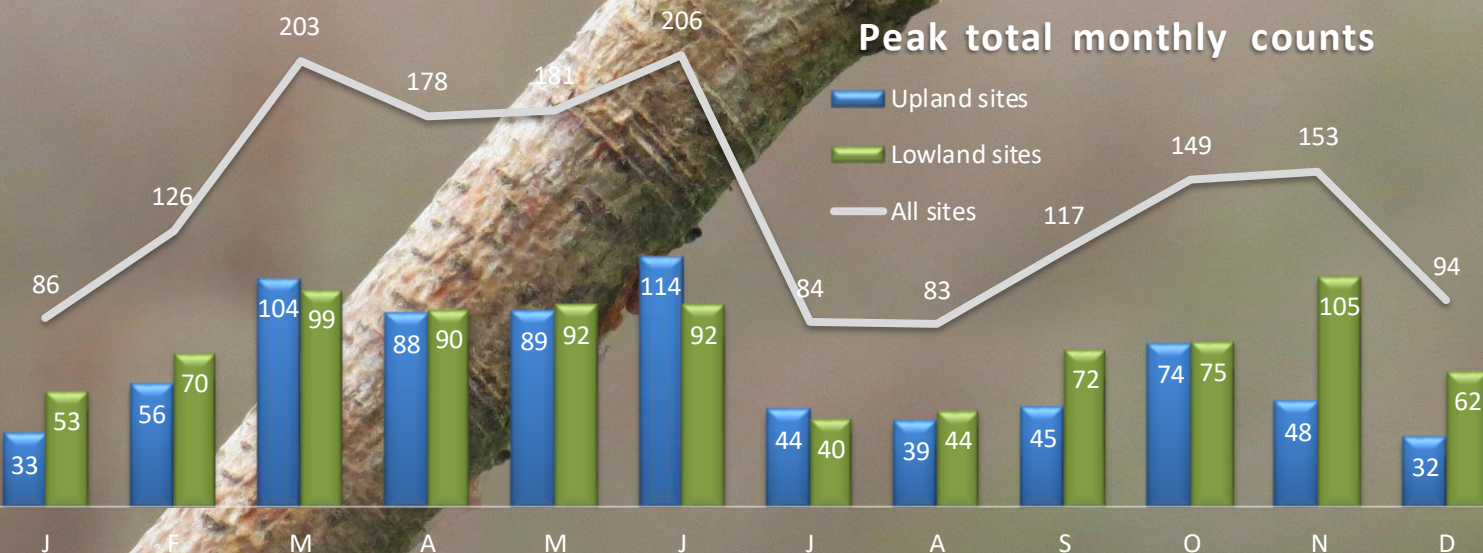
Peak counts by location

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak total monthly counts



Bullfinch (*Pyrrhula pyrrhula*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

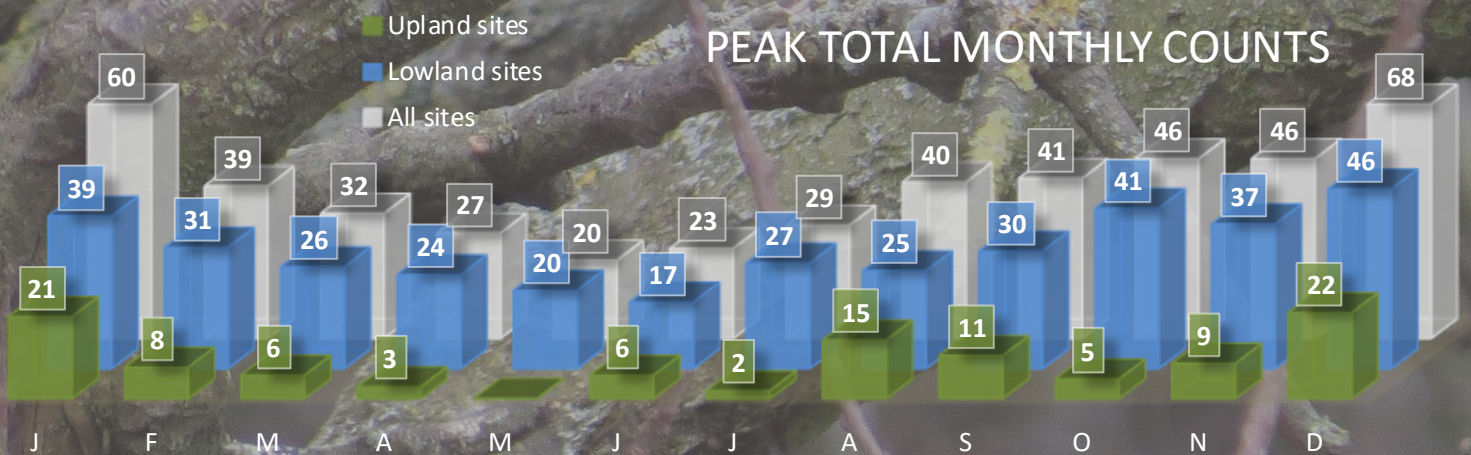
Peak counts by location



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PEAK TOTAL MONTHLY COUNTS



Peak counts by location



Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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Greenfinch (*Chloris chloris*)

PEAK MONTHLY TOTAL COUNTS



Linnet (*Linaria cannabina*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

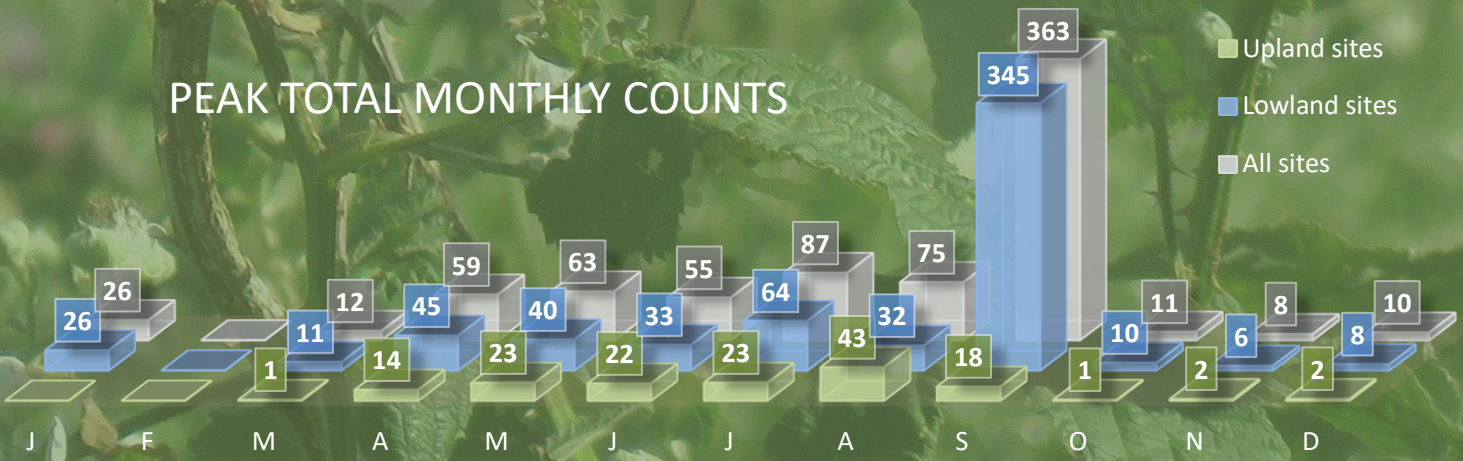
Peak counts by location



202



PEAK TOTAL MONTHLY COUNTS

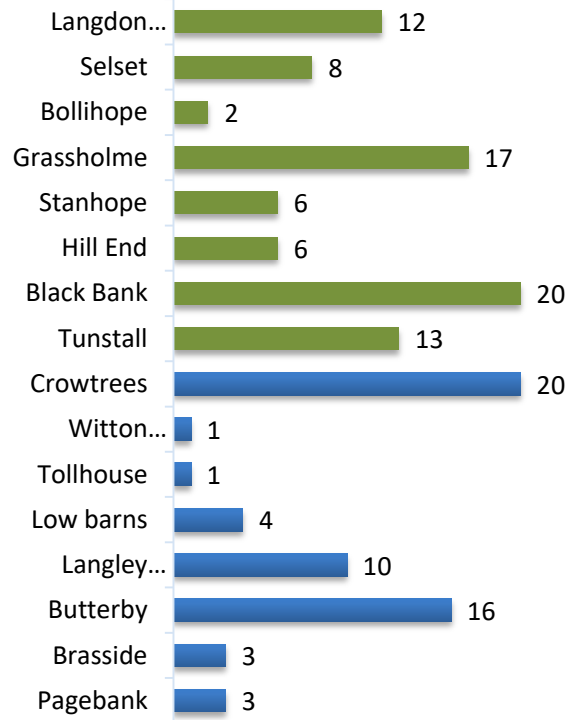


Lesser Redpoll (*Acanthis cabaret*)

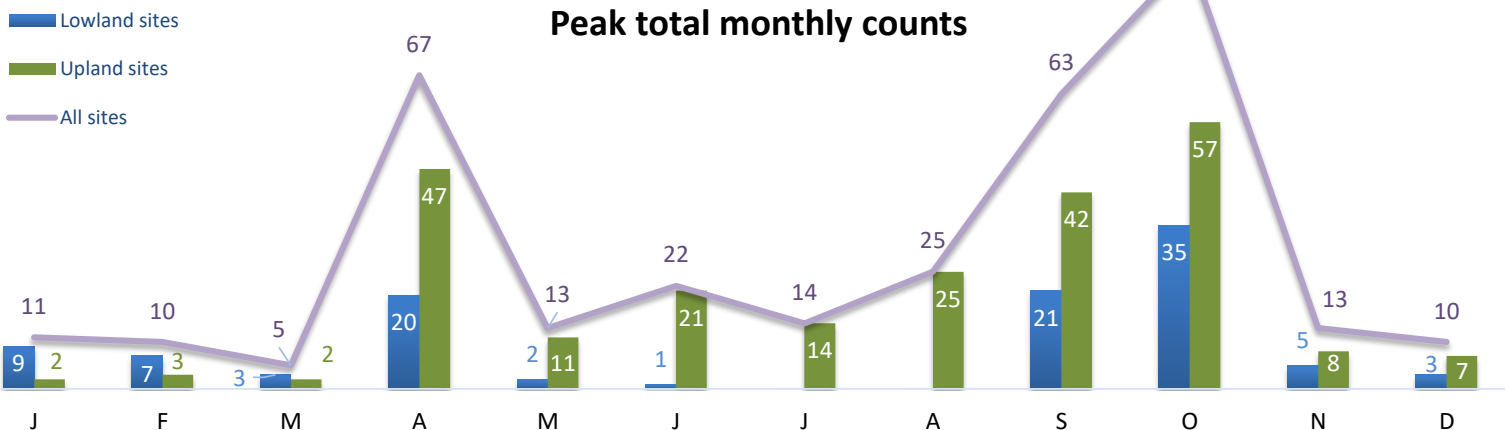
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location



Peak total monthly counts



Peak counts by location



Crossbill (*Loxia curvirostra*)

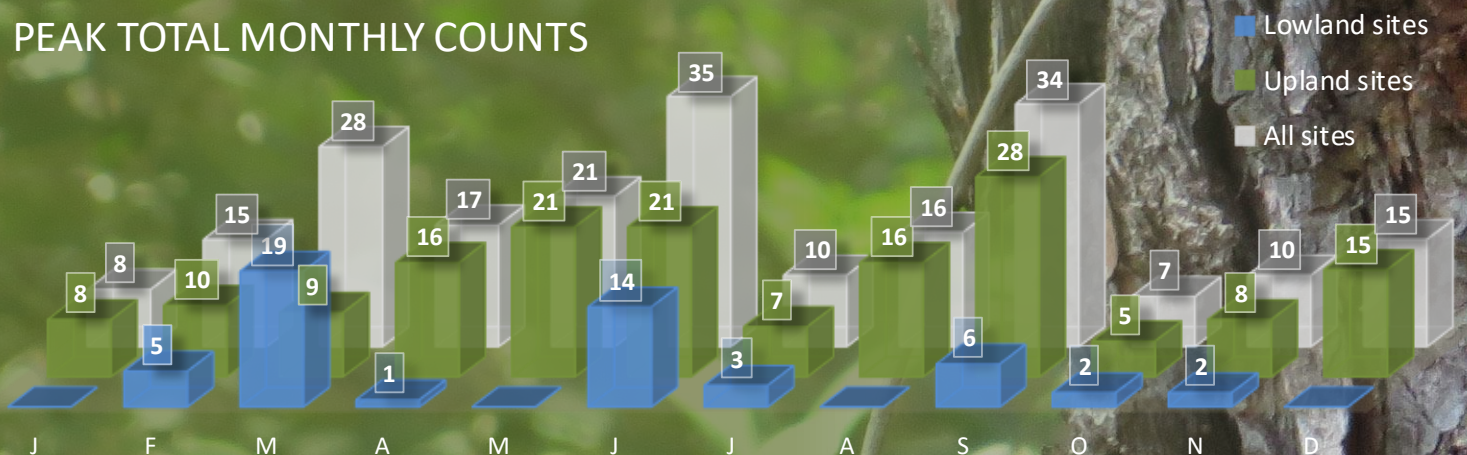
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brásdale Ponds	Black Bank
Butterby	Hill End
Langleigh Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



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PEAK TOTAL MONTHLY COUNTS

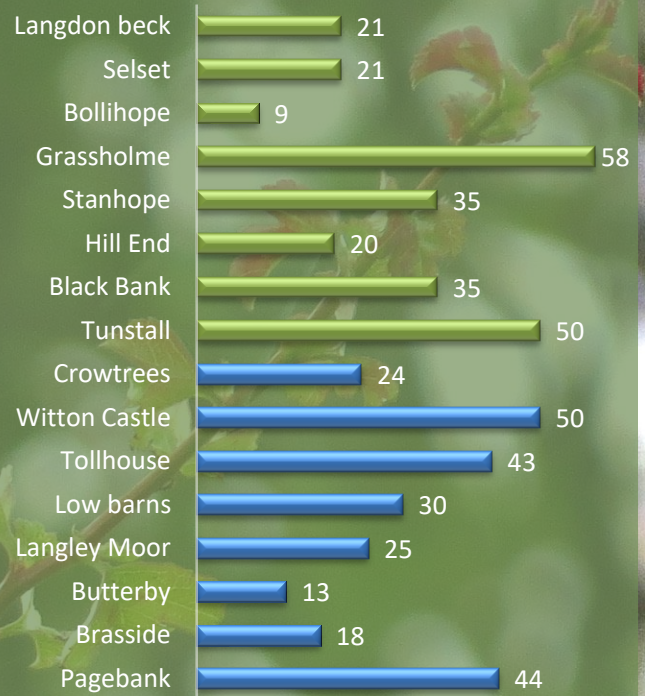


Goldfinch (*Carduelis carduelis*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck

Peak counts by location

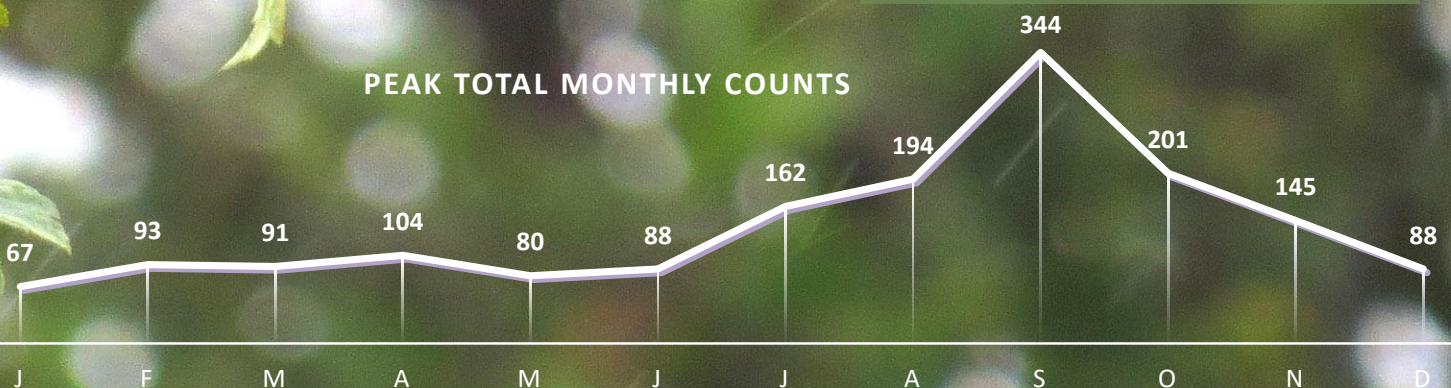


Altitudinal spread peak monthly

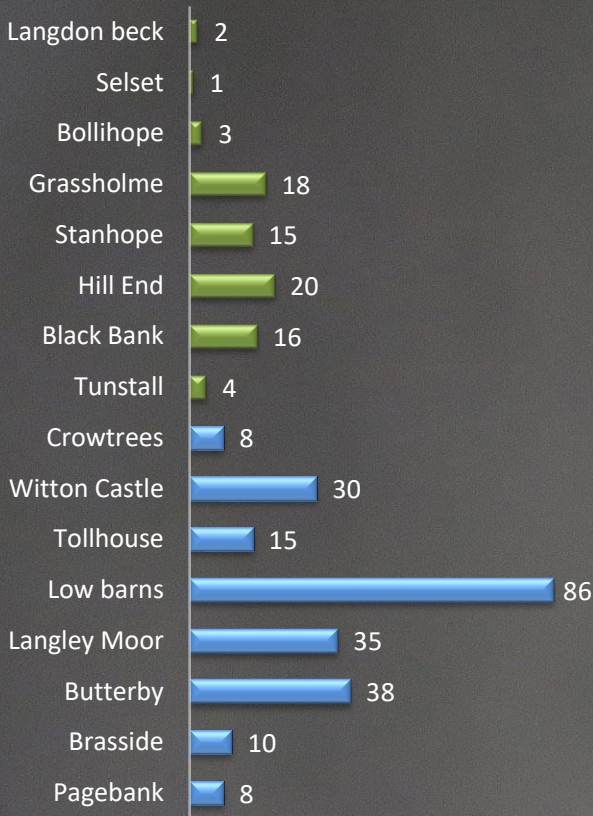


205

PEAK TOTAL MONTHLY COUNTS



Peak counts by location



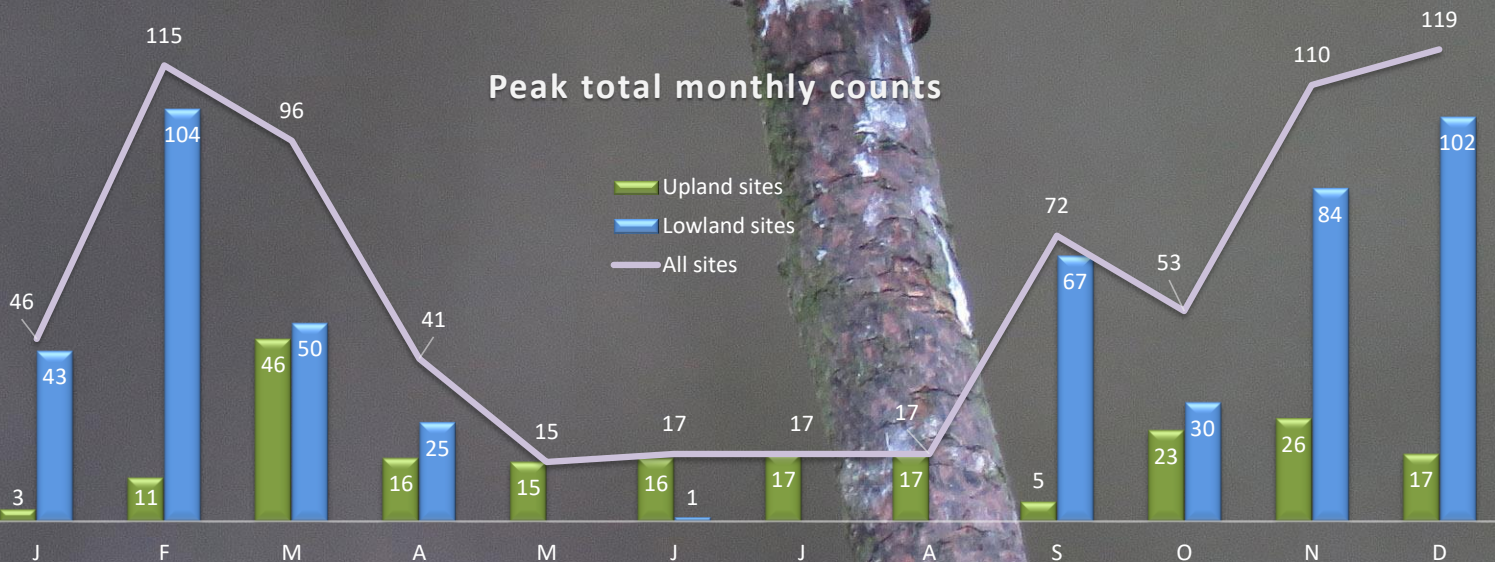
Siskin (*Spinus spinus*)

Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak total monthly counts

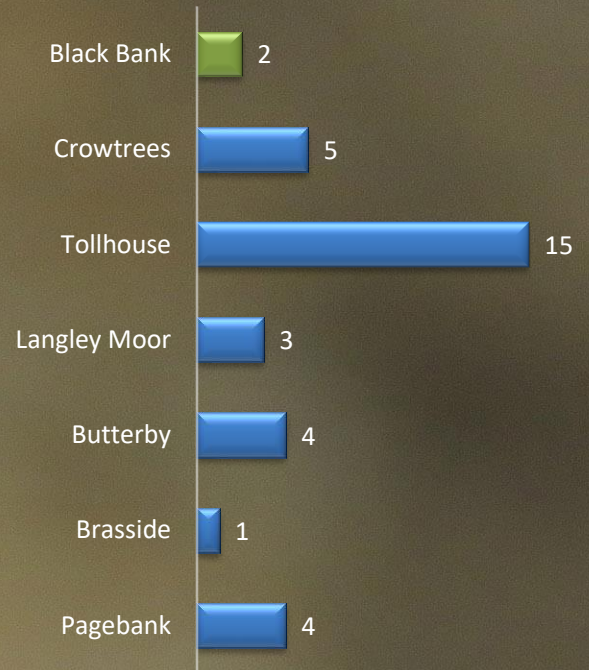


Yellowhammer (*Emberiza citronella*)

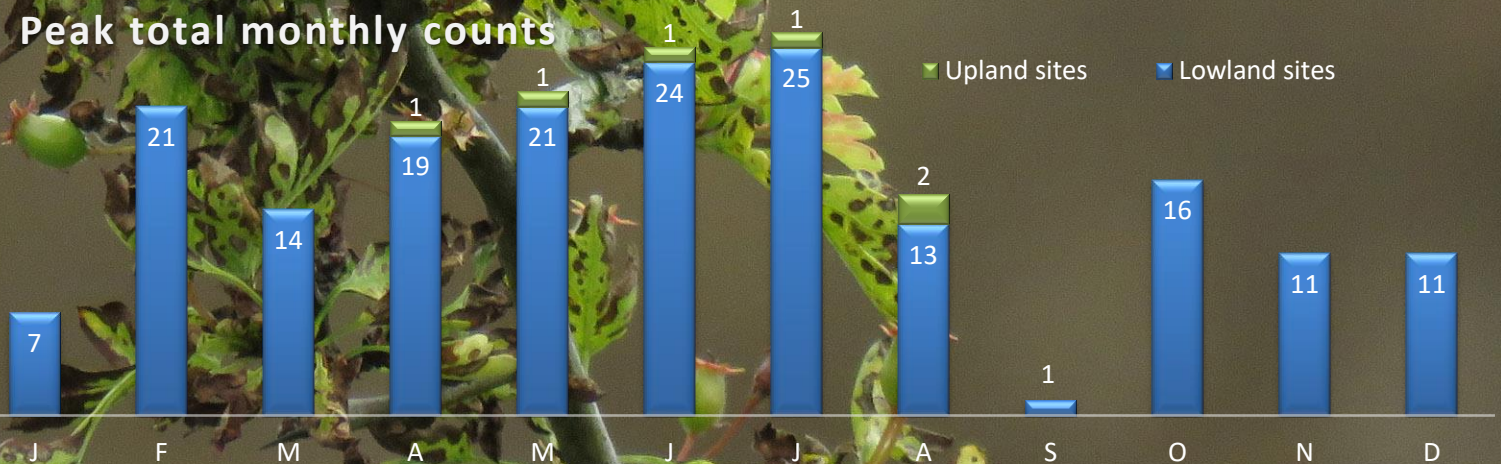
Peak counts by location

Species seen at least once at:

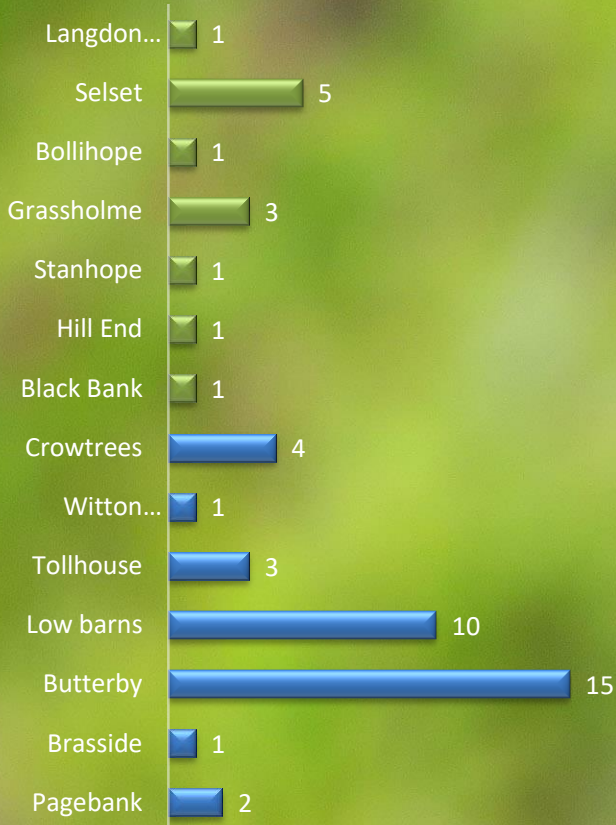
Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selset Reservoir
Crowtrees Quarry	Langdon Beck



Peak total monthly counts



Peak counts by location



Reed Bunting (*Emberiza schoeniclus*)

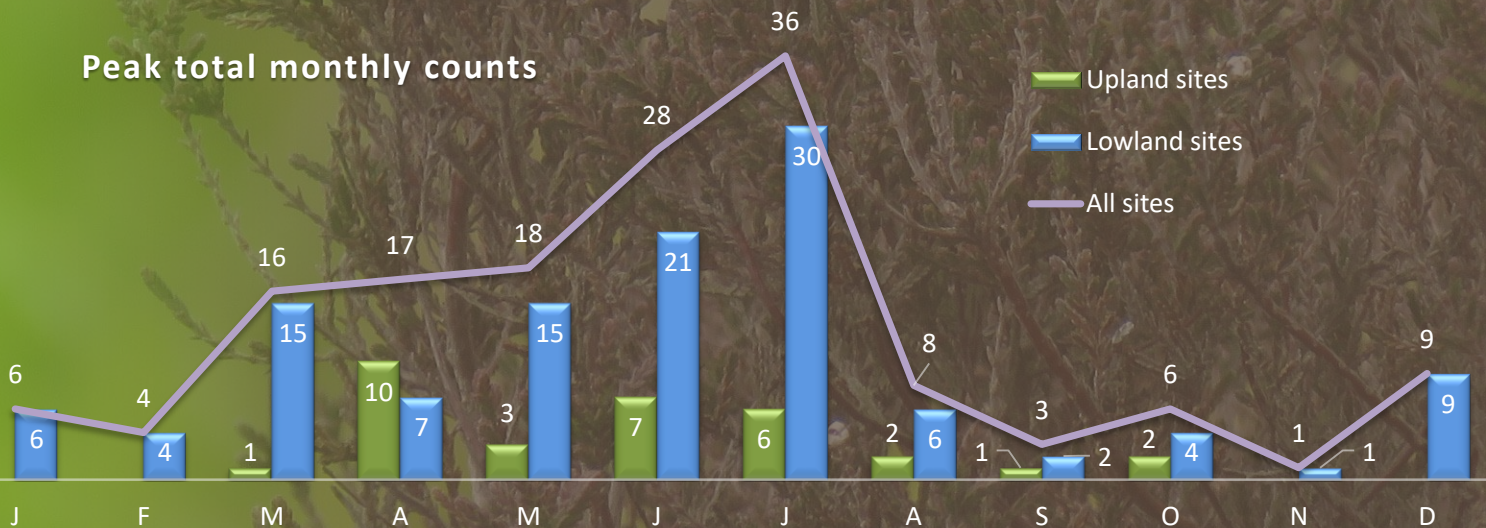
Species seen at least once at:

Pagebank	Tunstall Reservoir
Brasside Ponds	Black Bank
Butterby	Hill End
Langley Moor	Stanhope
Low Barns	Grassholme Reservoir
Tollhouse area	Bollihope
Witton Castle	Selsset Reservoir
Crowtrees Quarry	Langdon Beck

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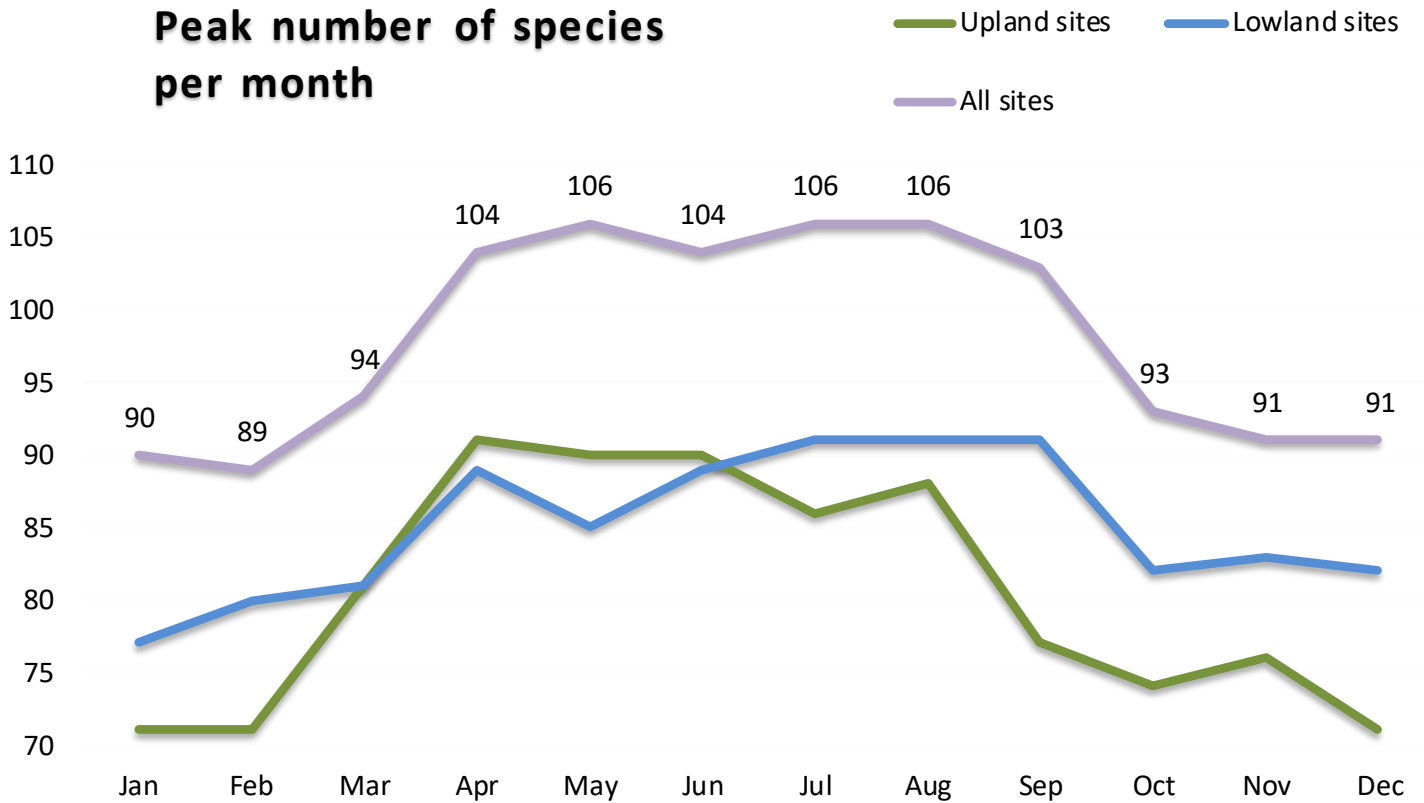


Peak total monthly counts



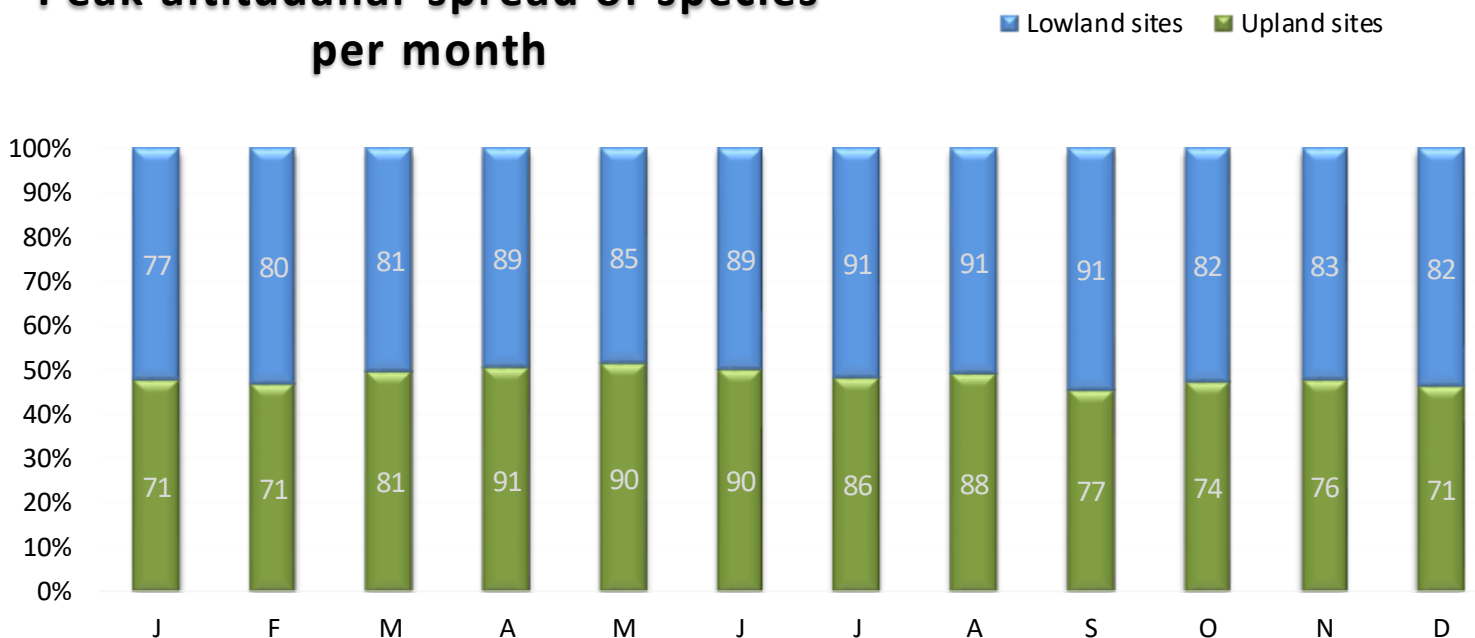
Comparative Data

Peak number of species per month



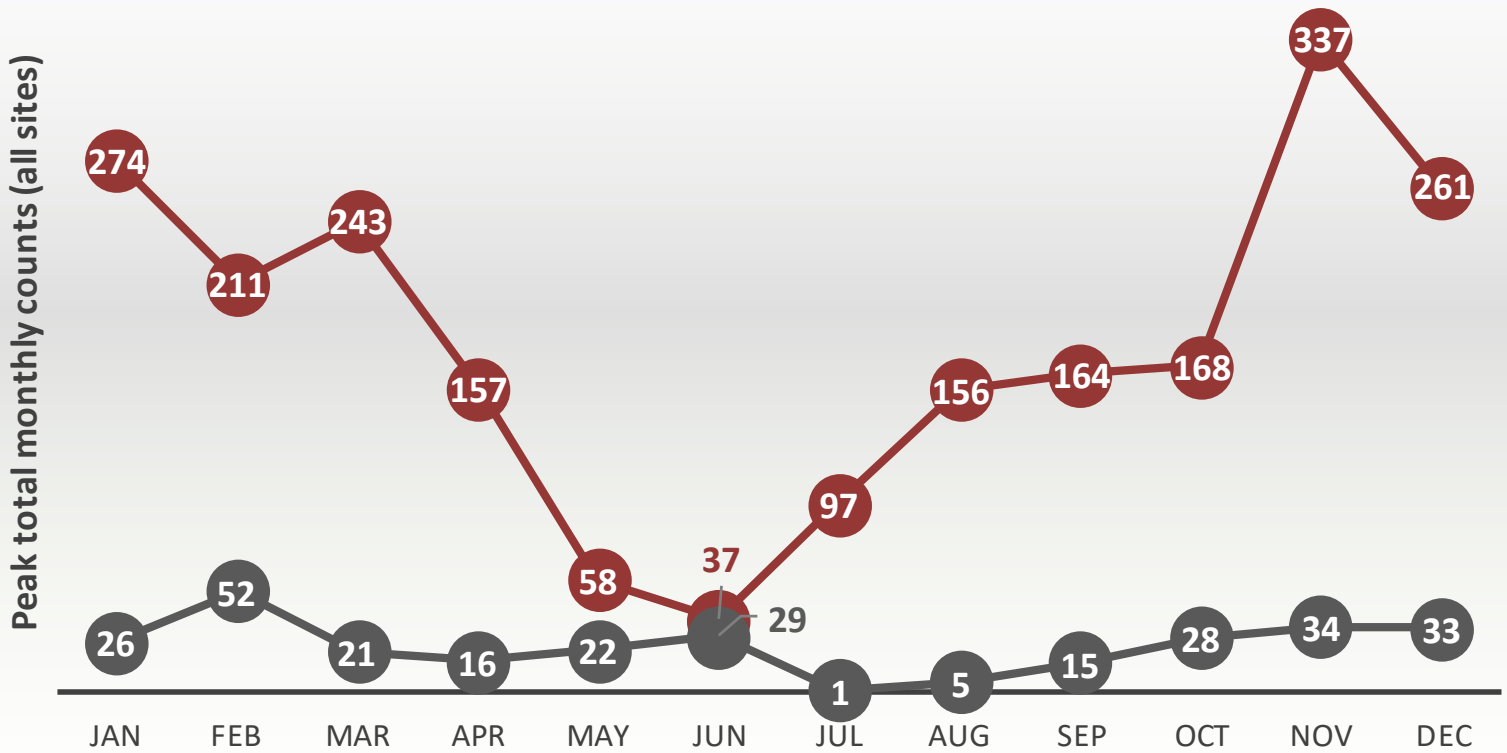
210

Peak altitudinal spread of species per month



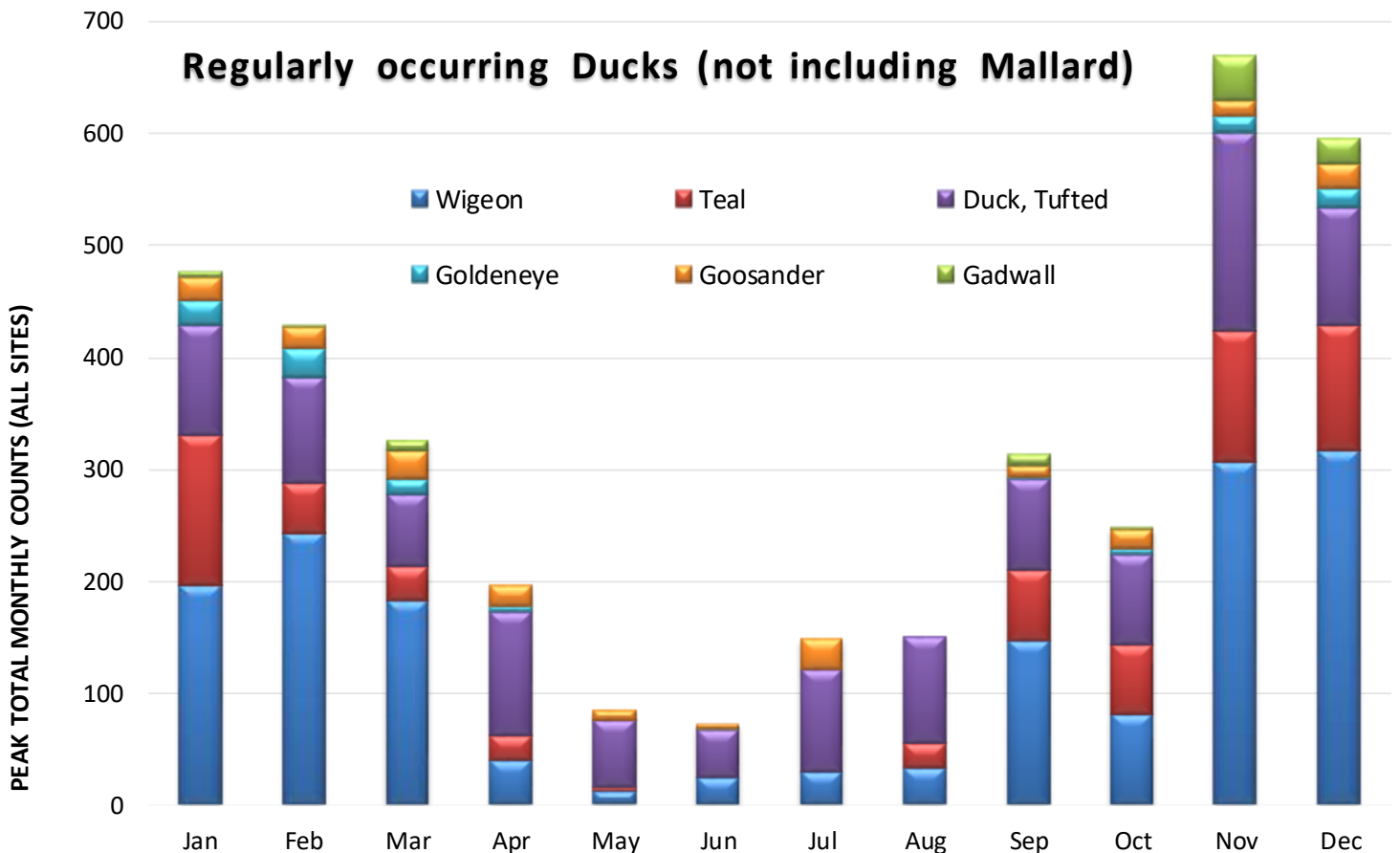
Red & Black Grouse

Red Grouse Black Grouse

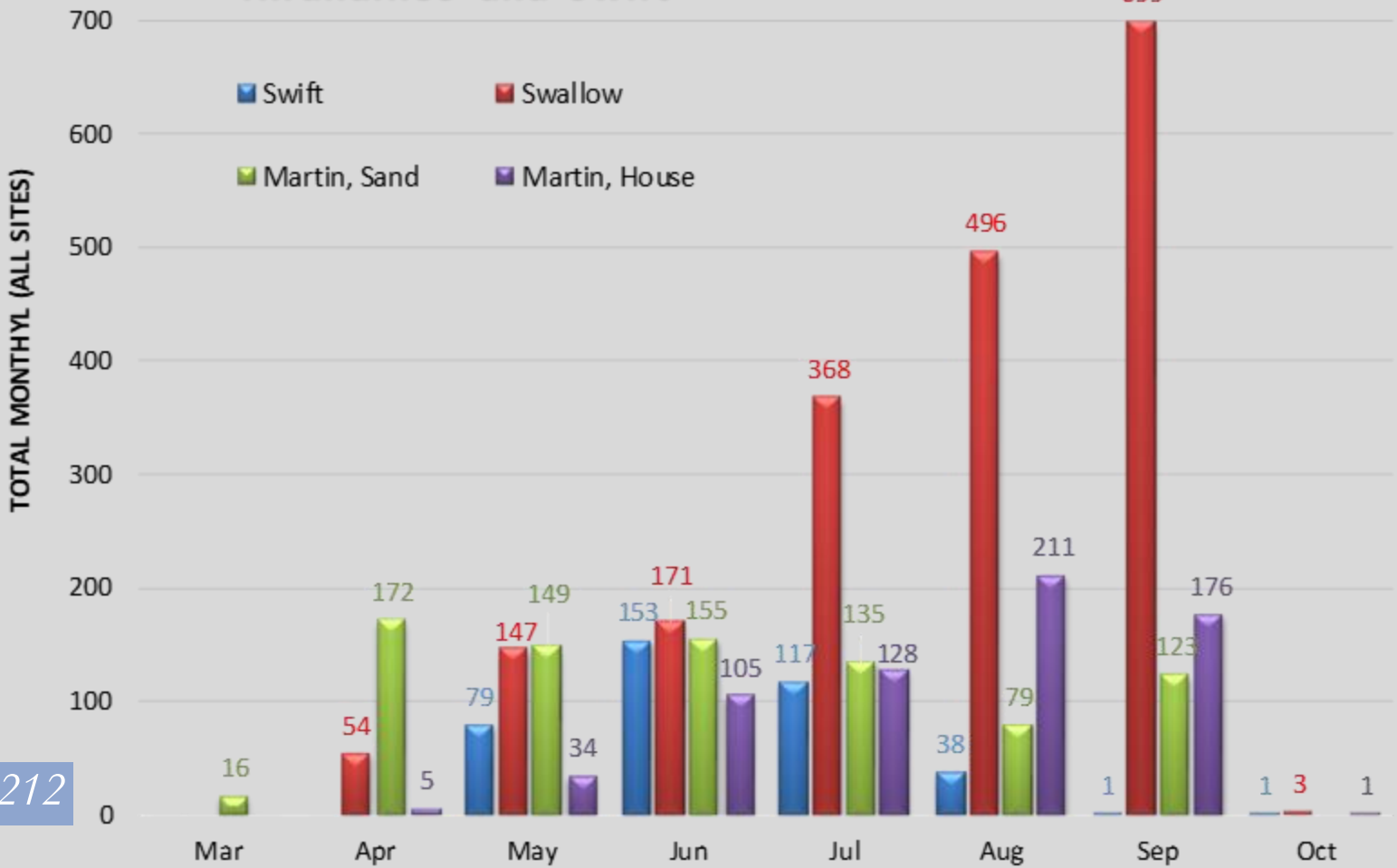


211

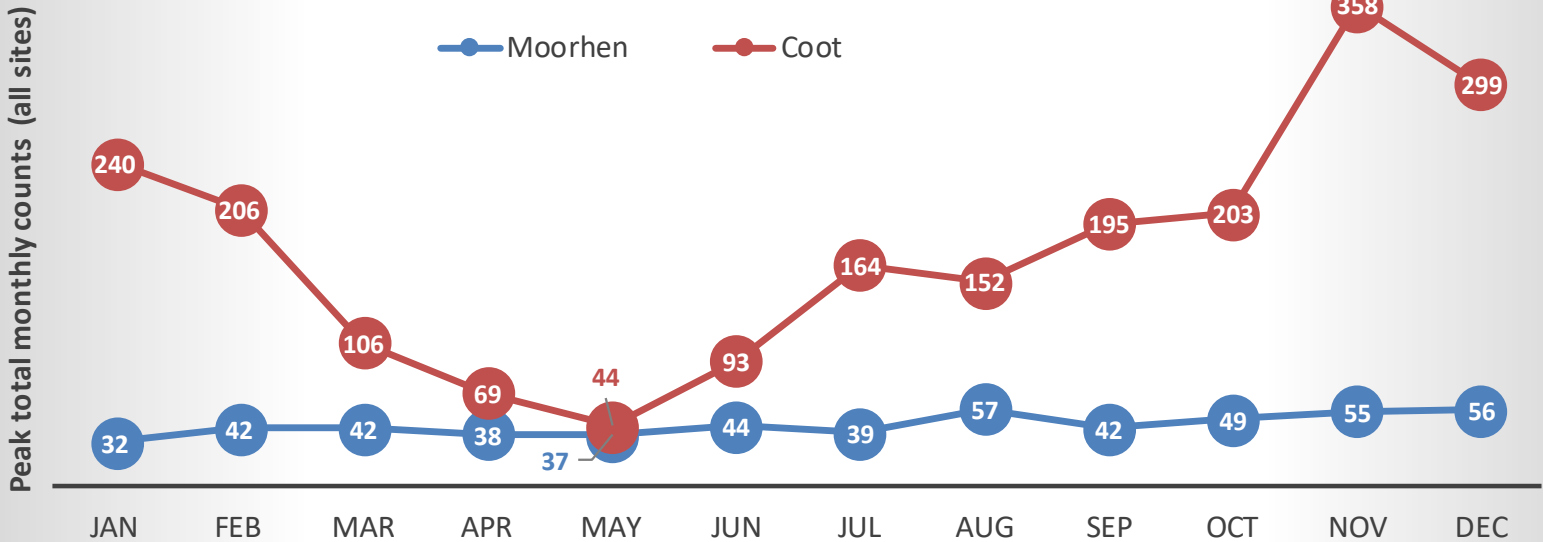
Regularly occurring Ducks (not including Mallard)



Hirundines and Swift



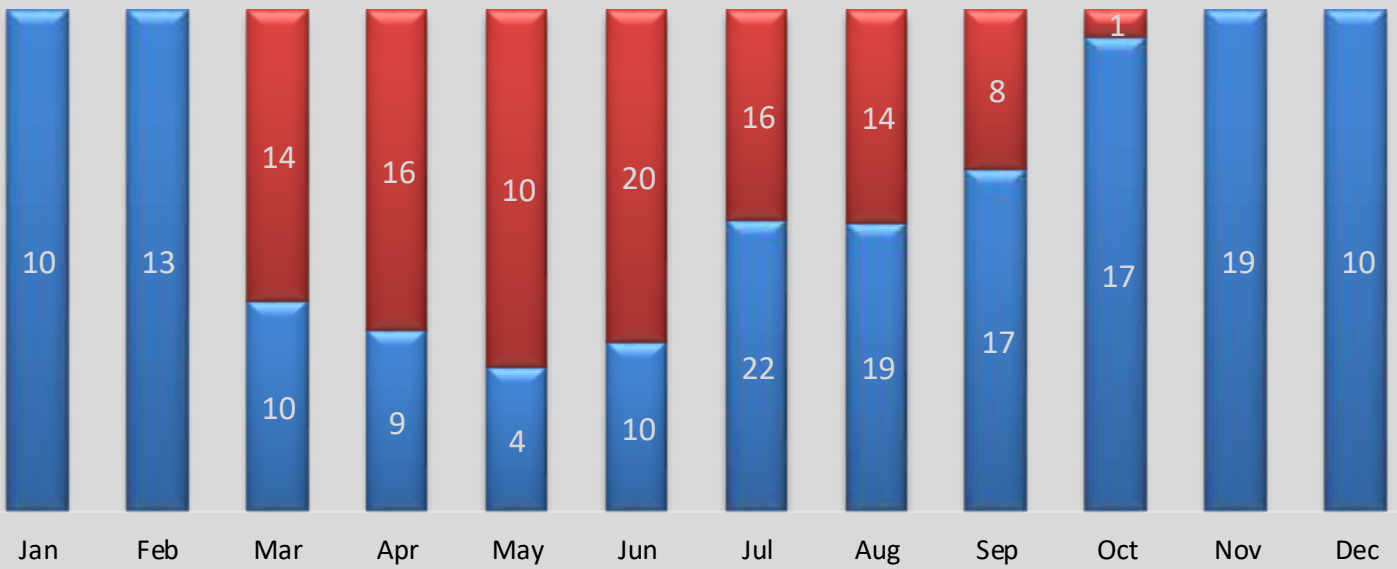
Gallinules - Moorhen & Coot



Grebes

■ Grebe, Little ■ Grebe, Great-crest

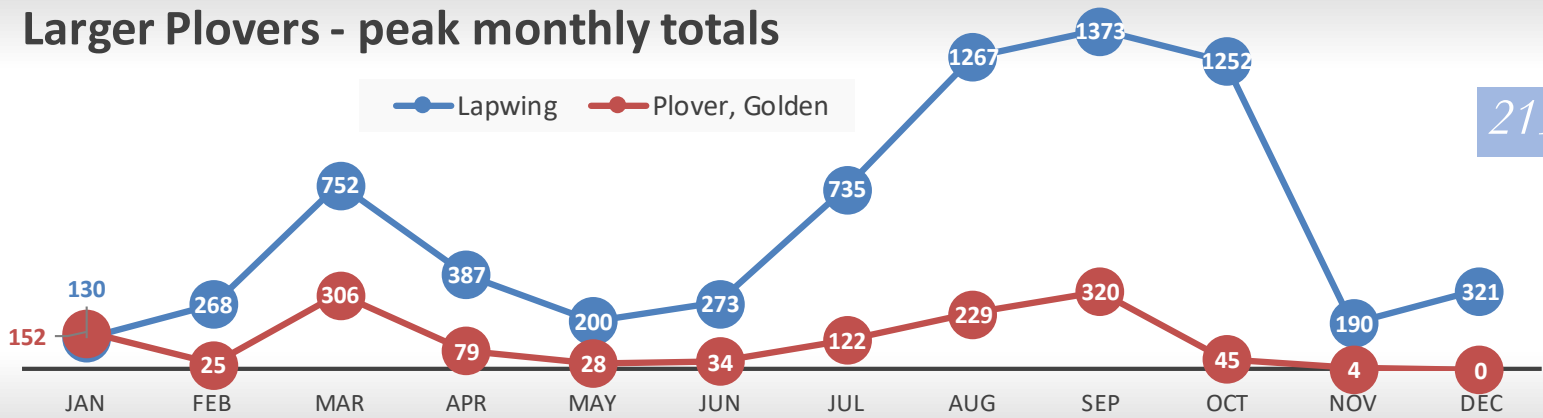
PEAK TOTAL MONTHLY COUNTS (ALL SITES)



Larger Plovers - peak monthly totals

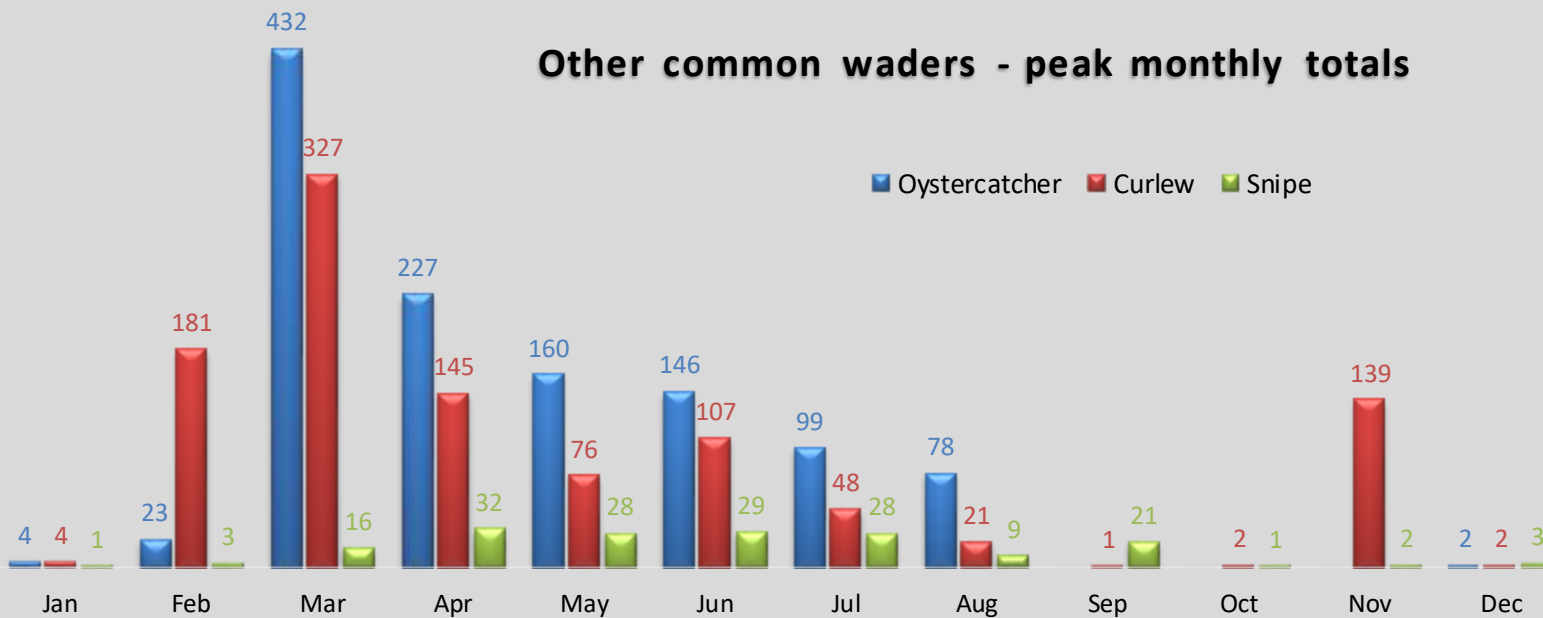
● Lapwing ● Plover, Golden

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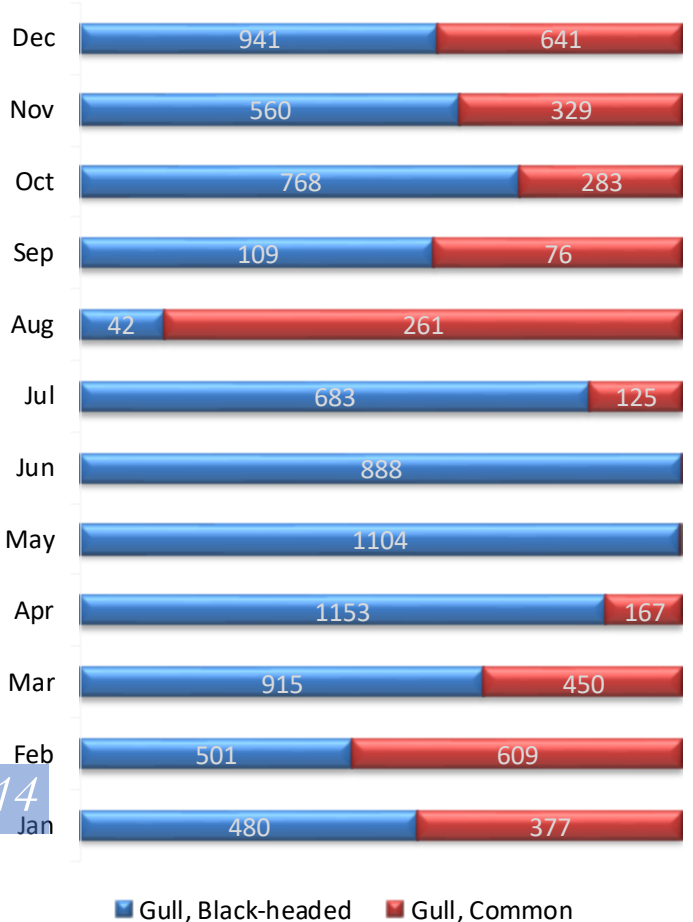


Other common waders - peak monthly totals

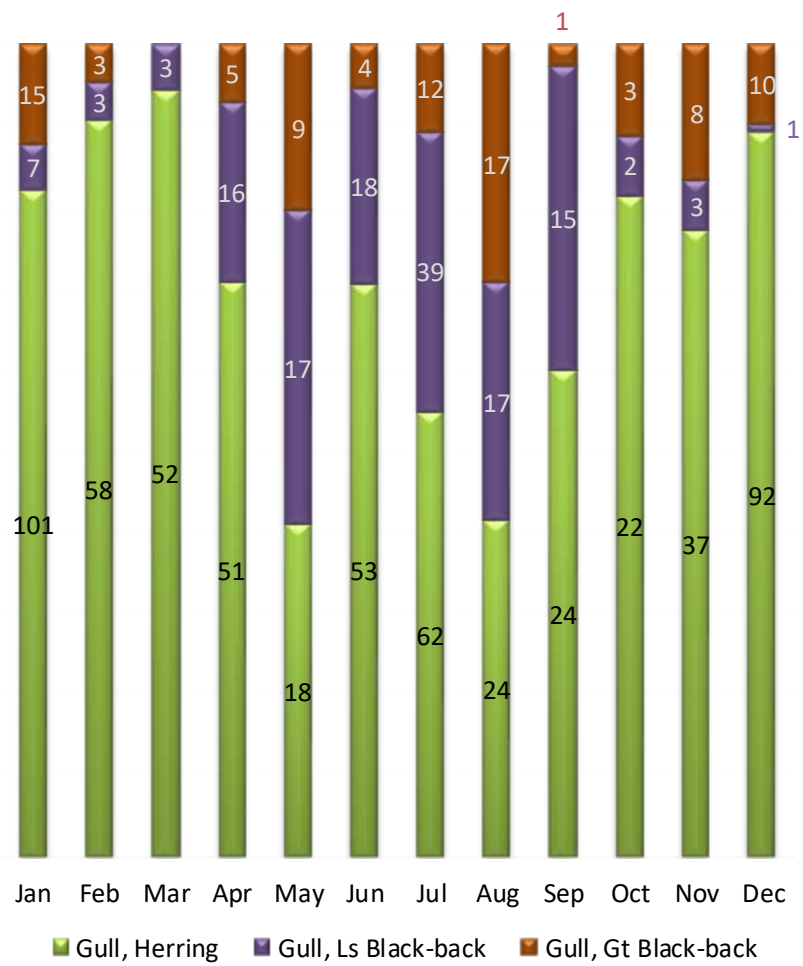
■ Oystercatcher ■ Curlew ■ Snipe



Black-headed & Common Gulls - relative abundance (peak monthly totals)

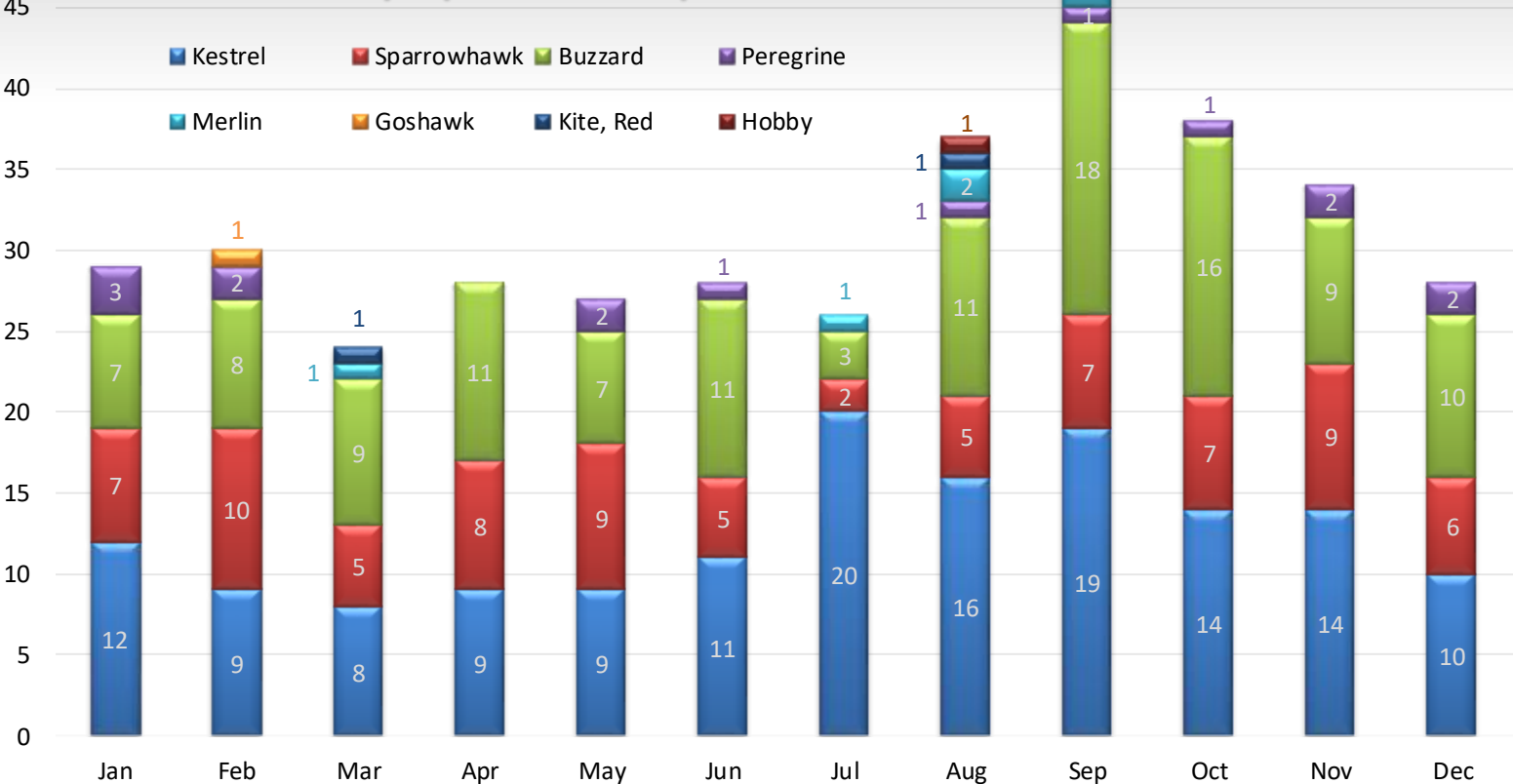


Other Gulls - relative abundance (peak monthly totals)

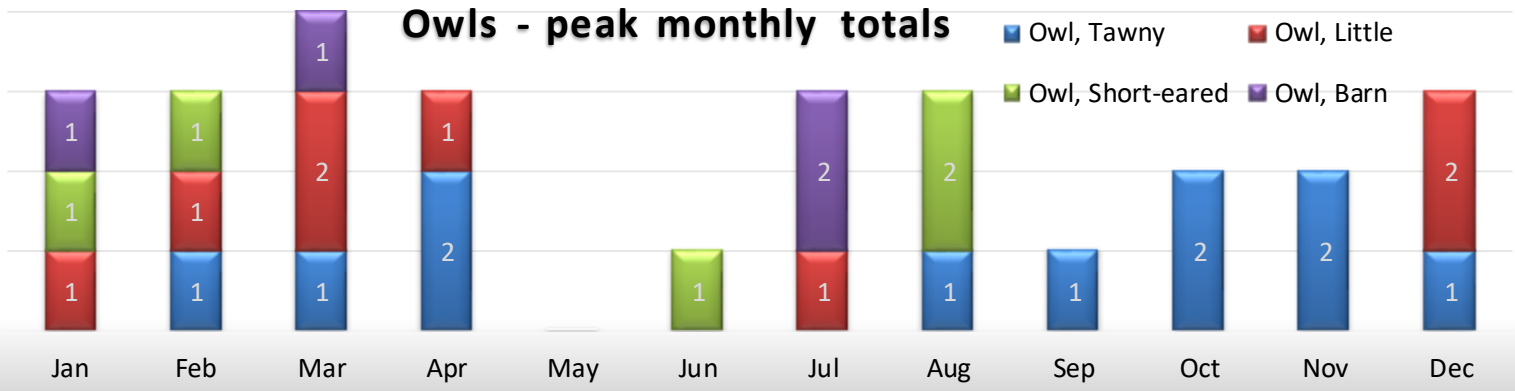


214

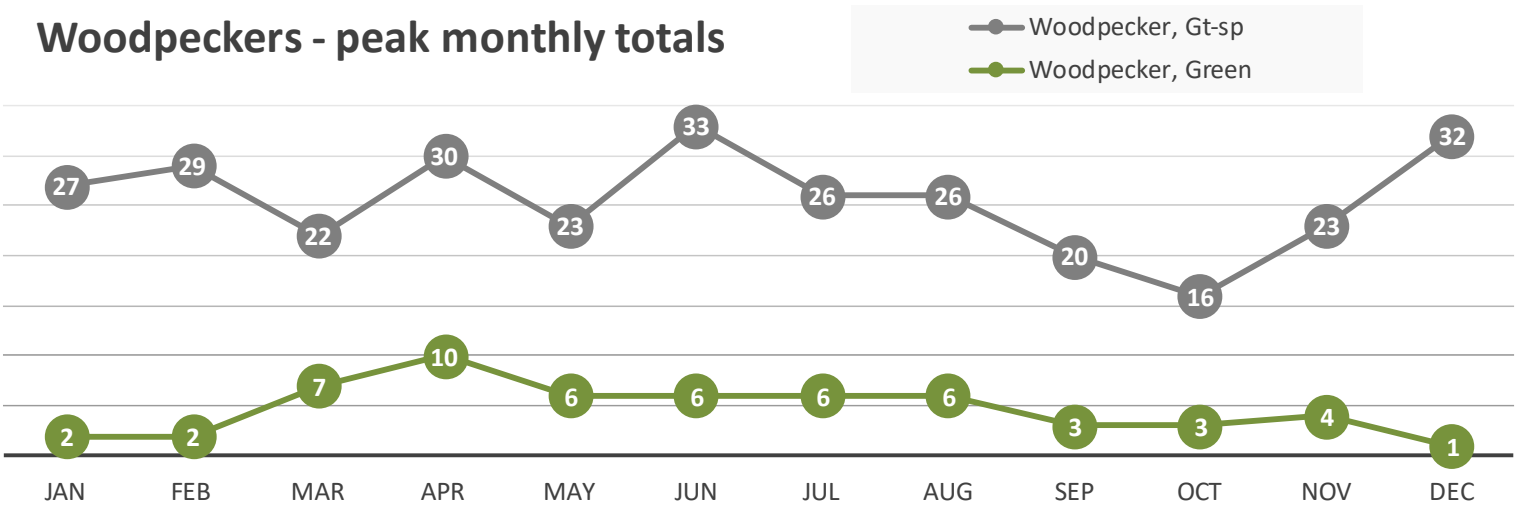
Birds of Prey - peak monthly totals



Owls - peak monthly totals

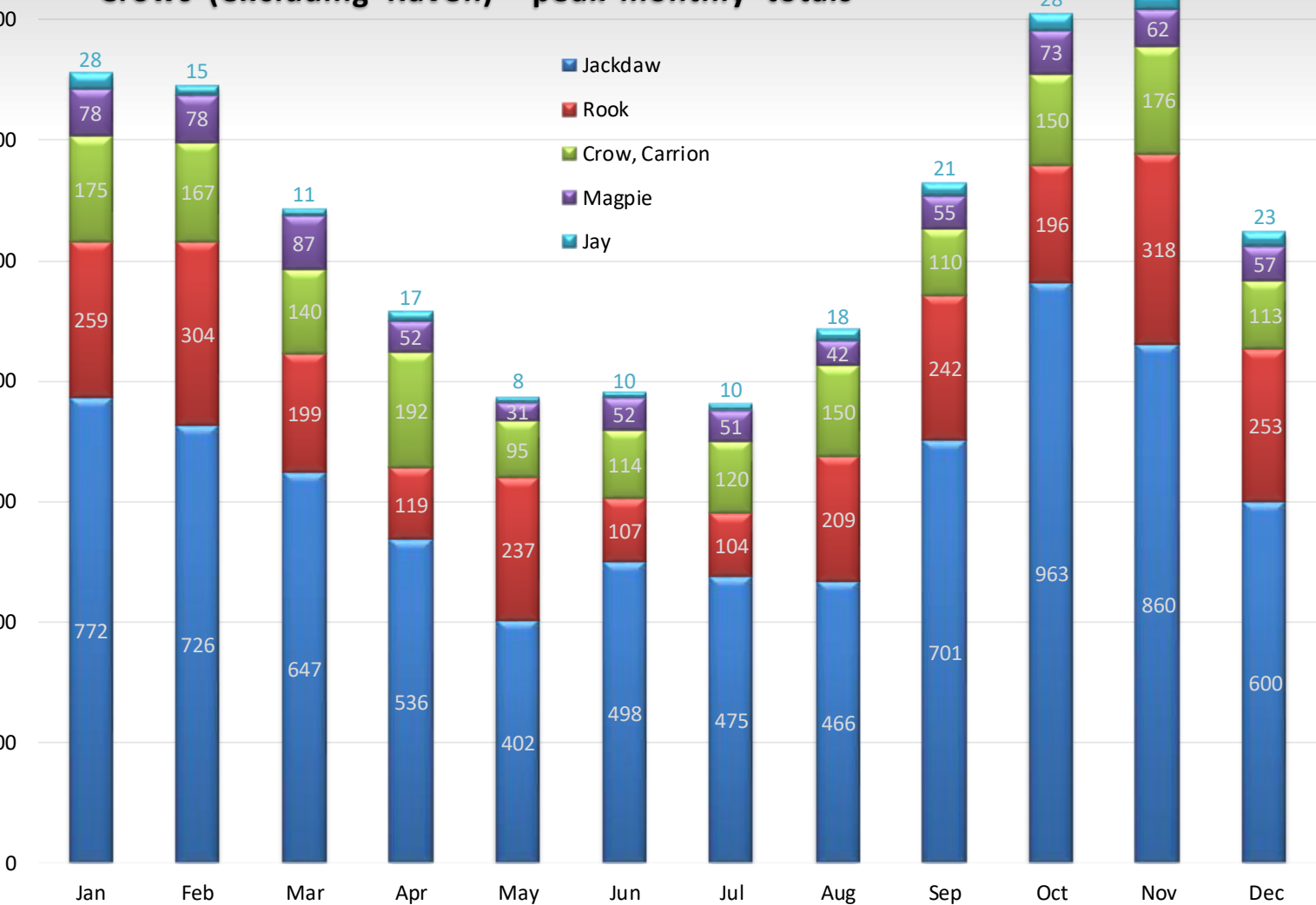


Woodpeckers - peak monthly totals

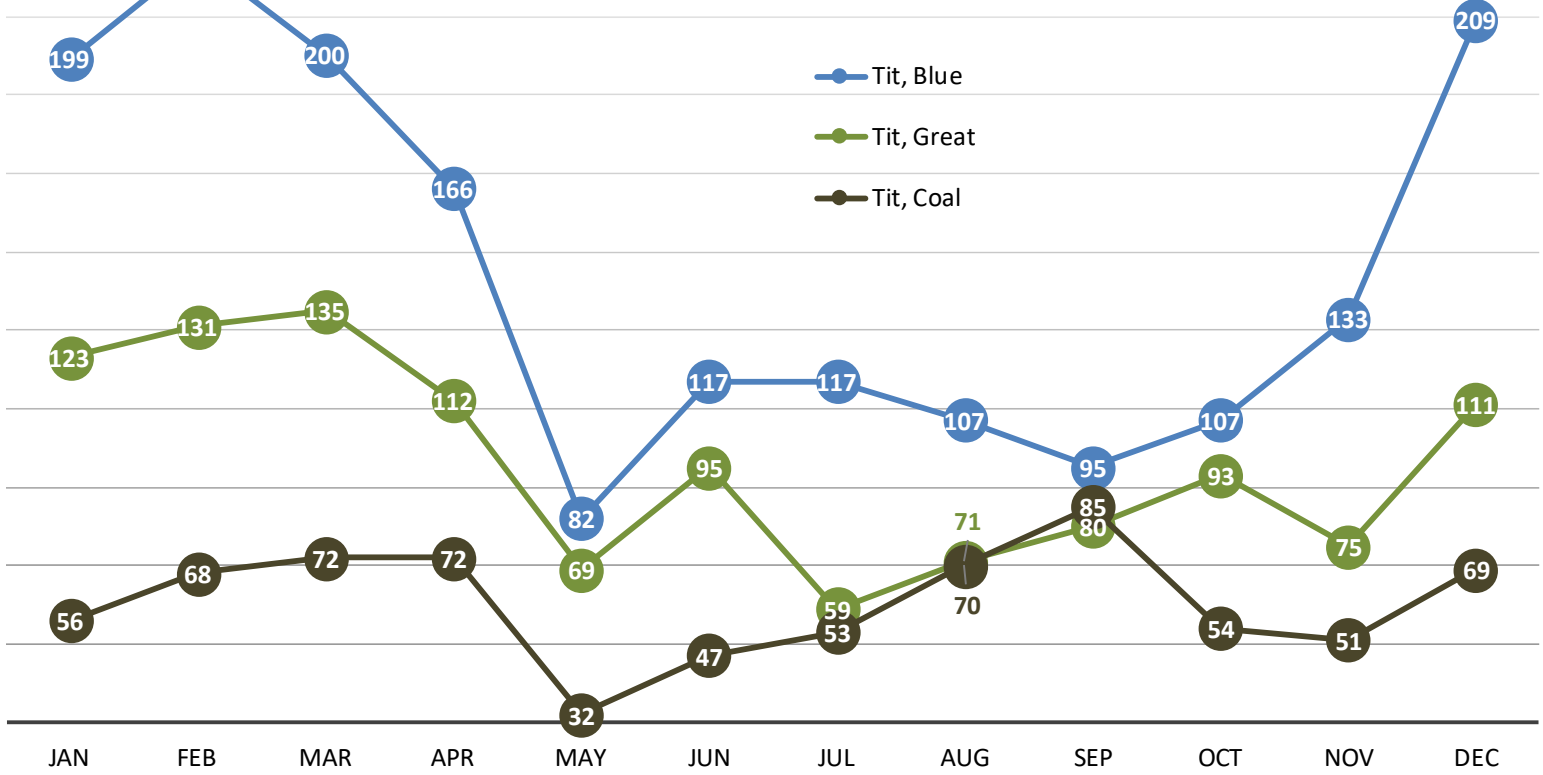


Crows (excluding Raven) - peak monthly totals

215

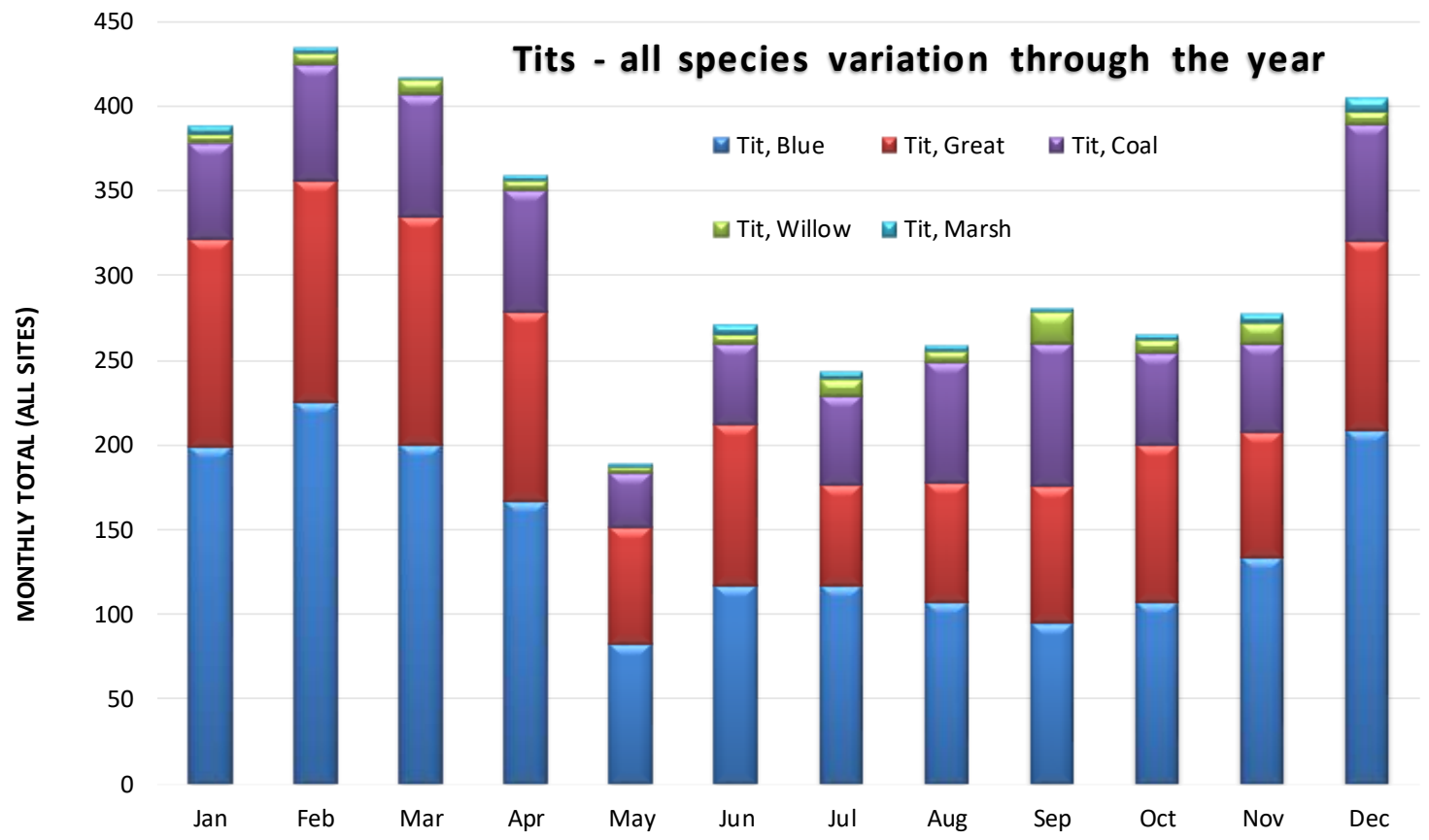


Tits - common species comparative peak monthly

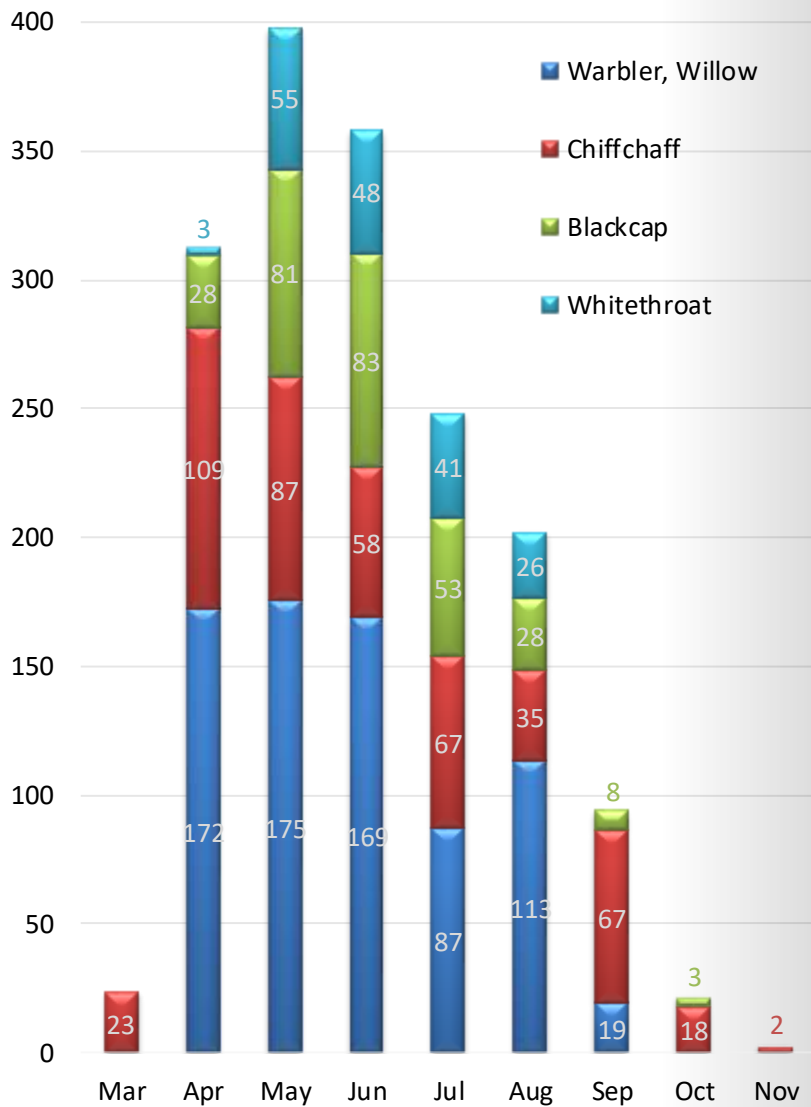


216

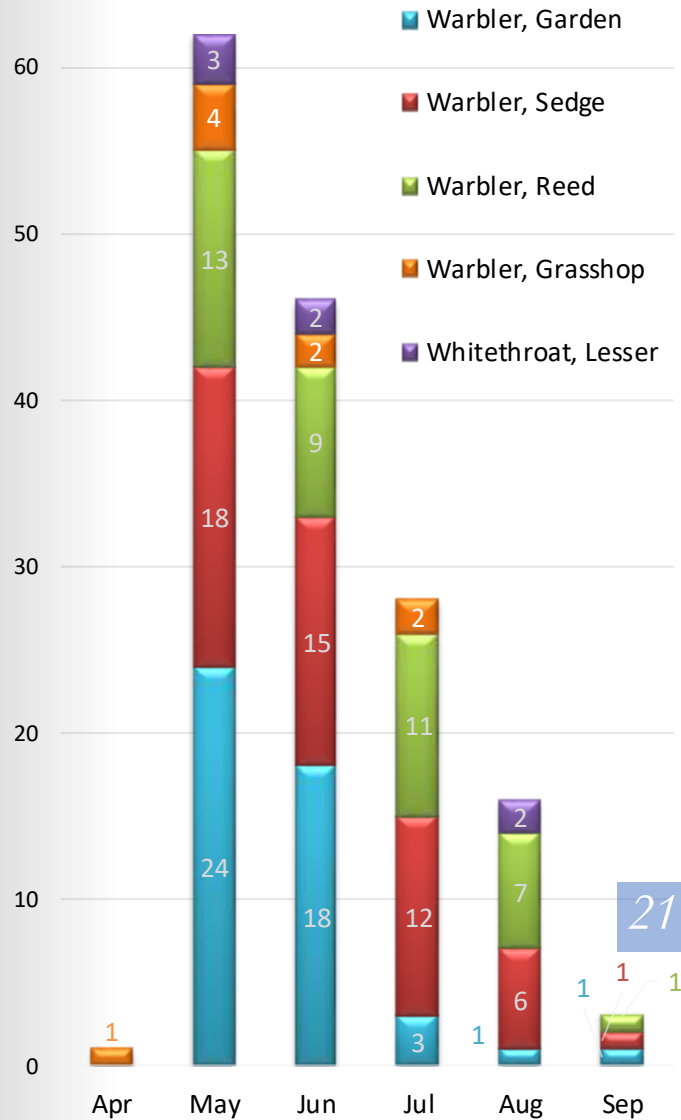
Tits - all species variation through the year



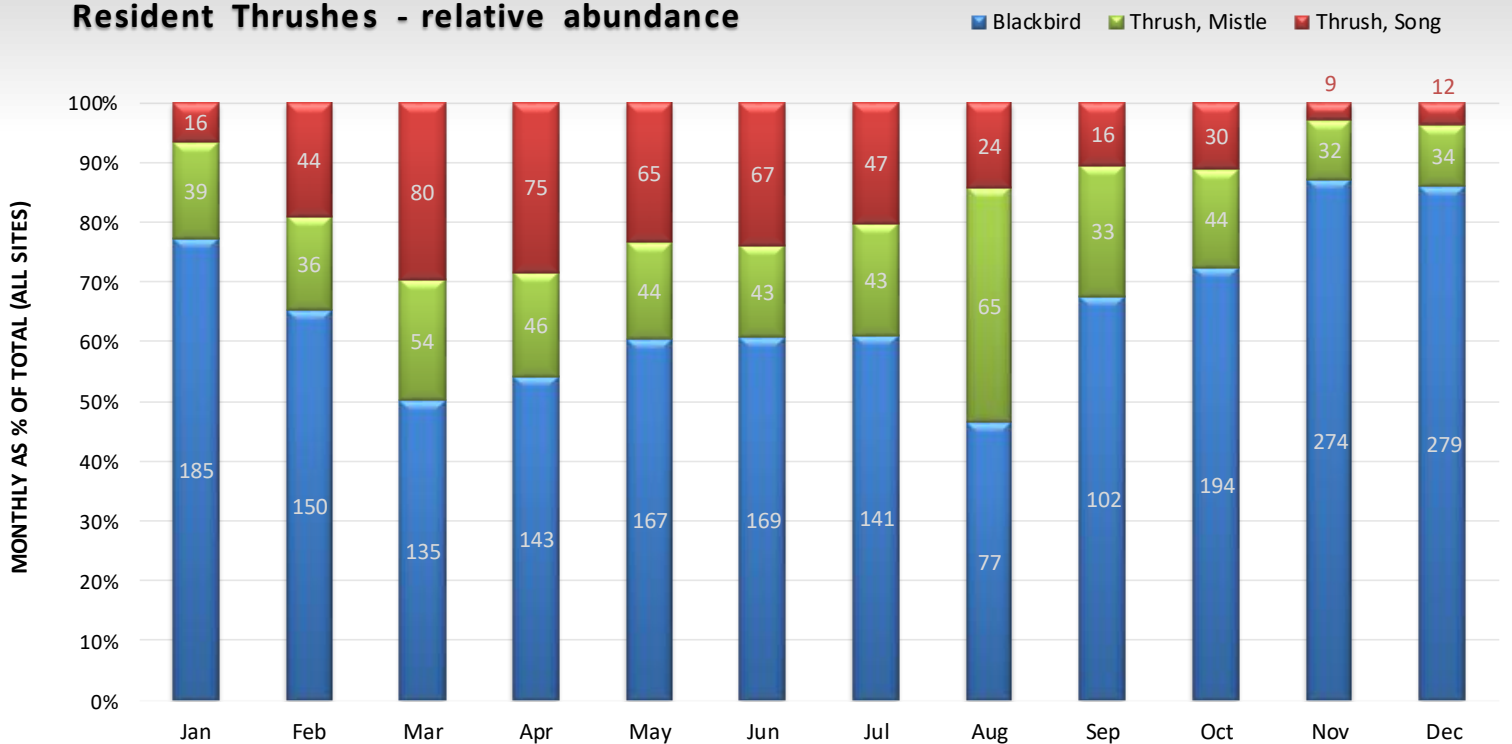
Common Warblers - peak monthly totals



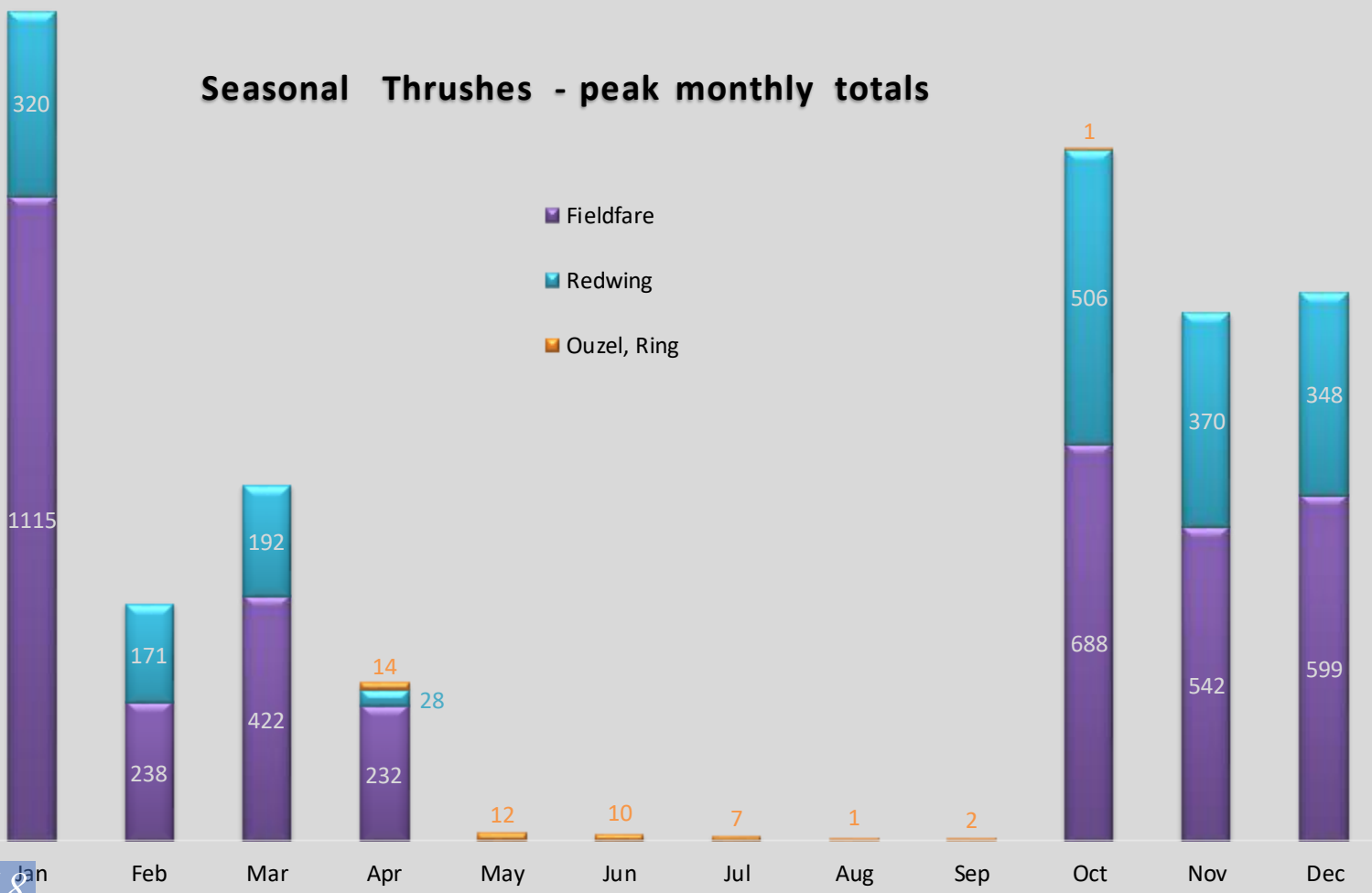
Uncommon Warblers - peak monthly totals



Resident Thrushes - relative abundance

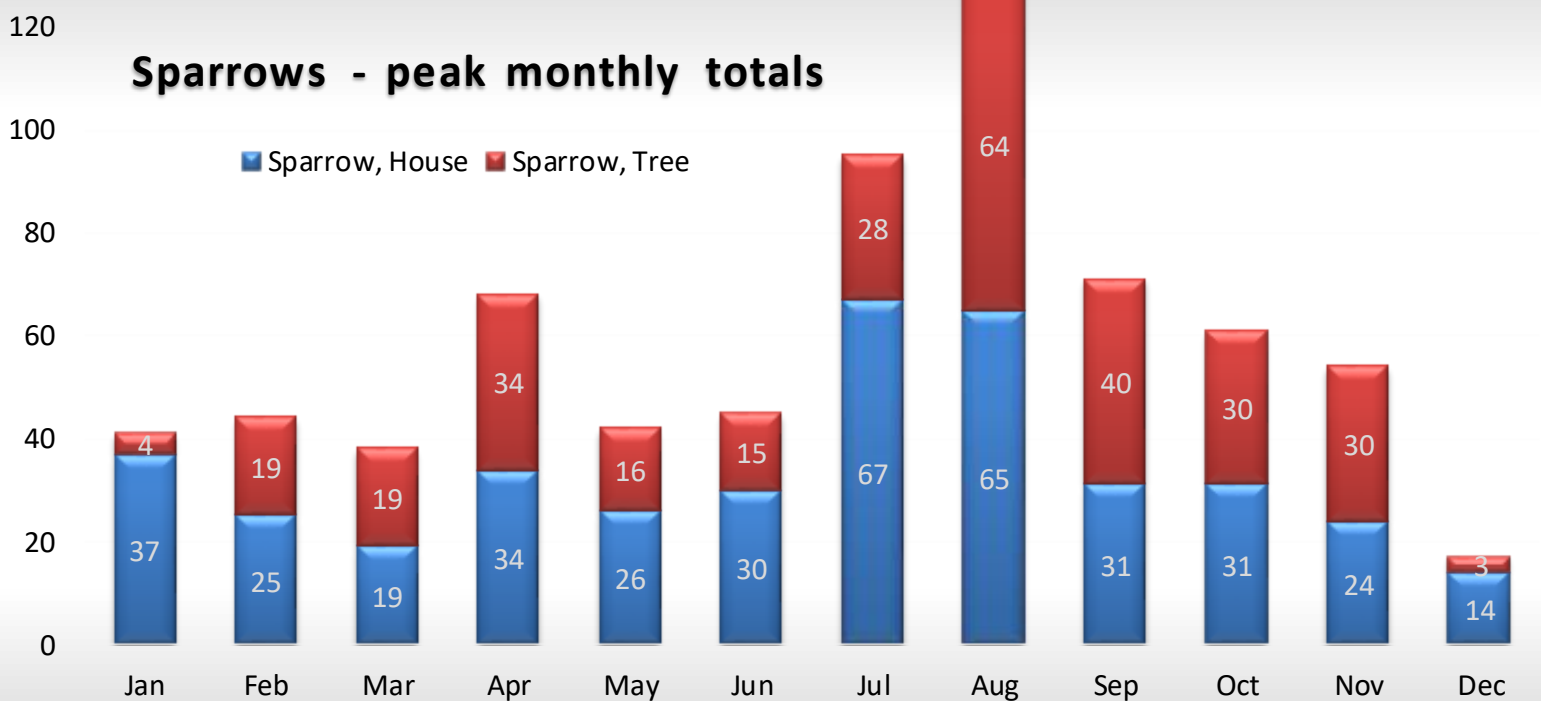


Seasonal Thrushes - peak monthly totals

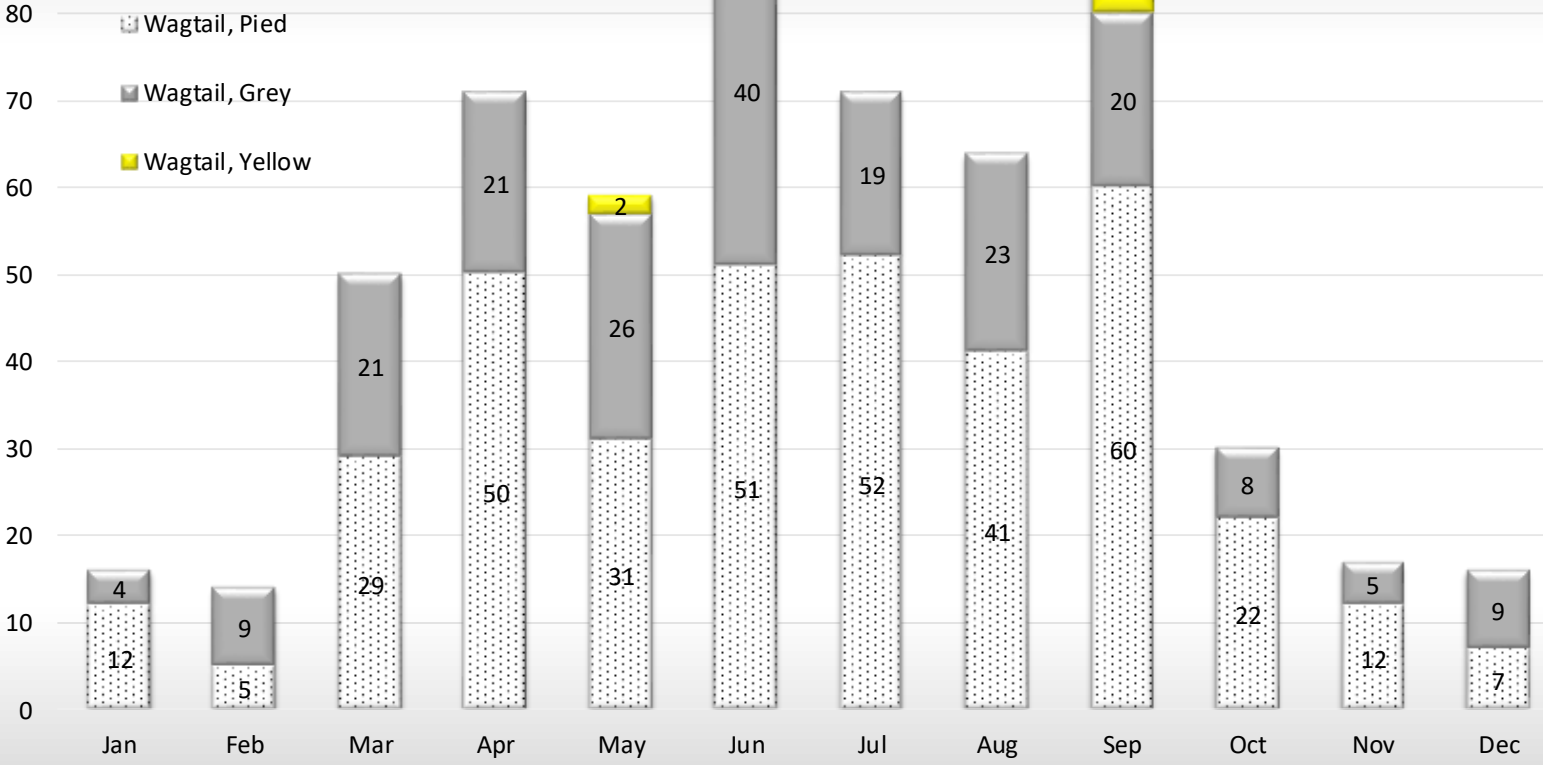


218

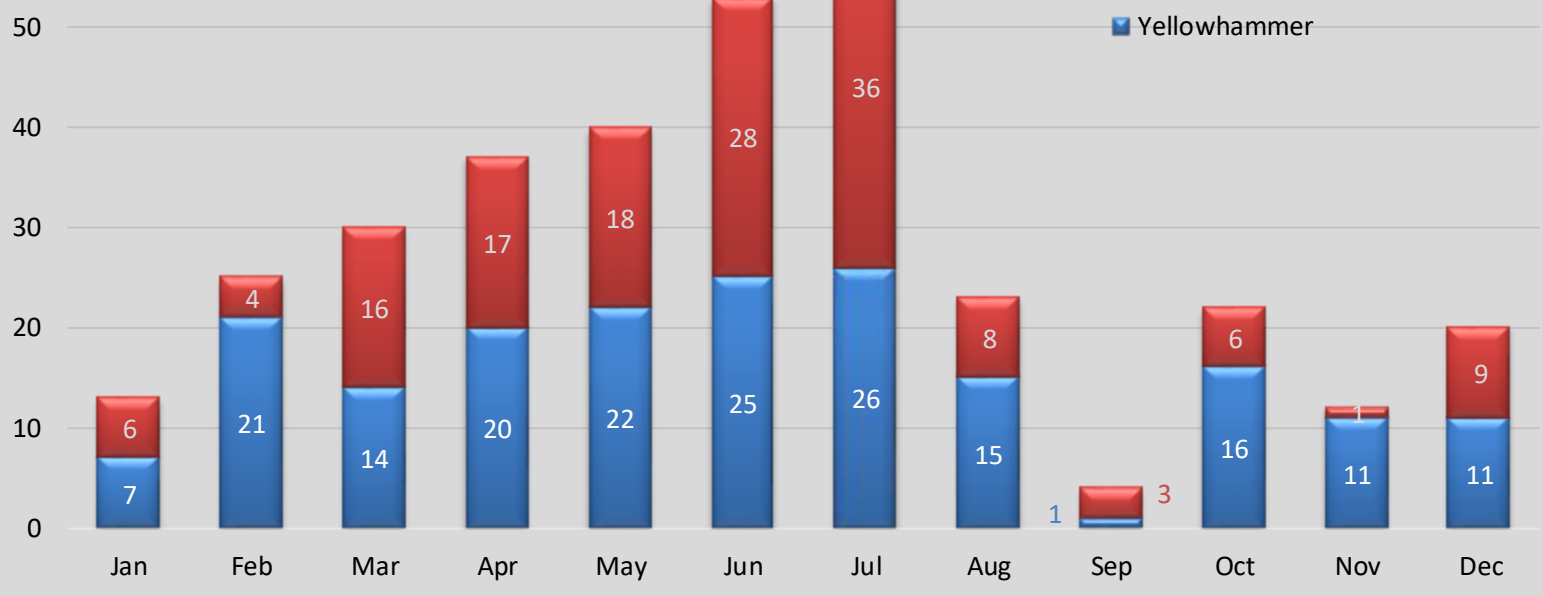
Sparrows - peak monthly totals



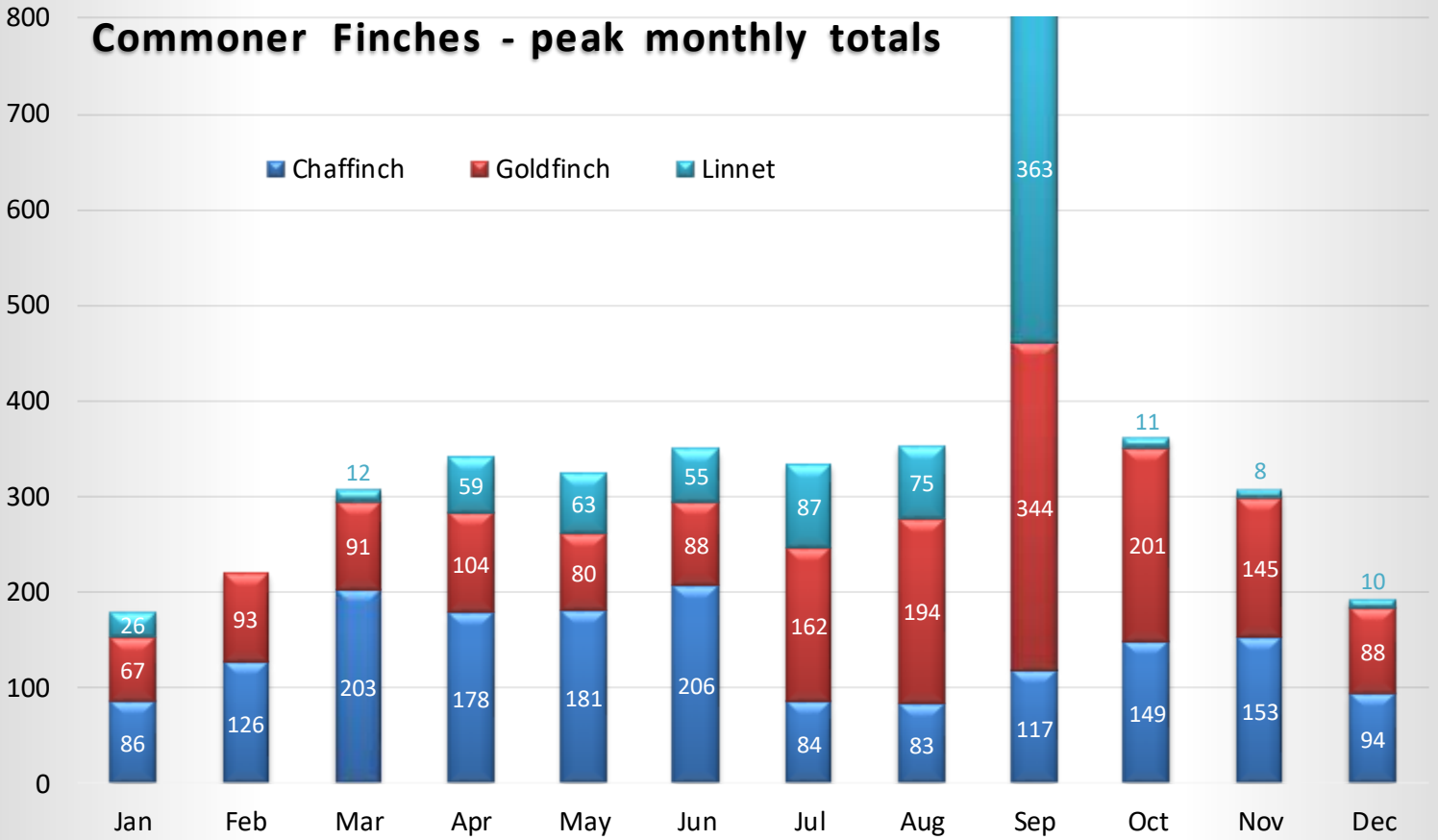
Wagtails - peak monthly totals



Buntings - peak monthly totals

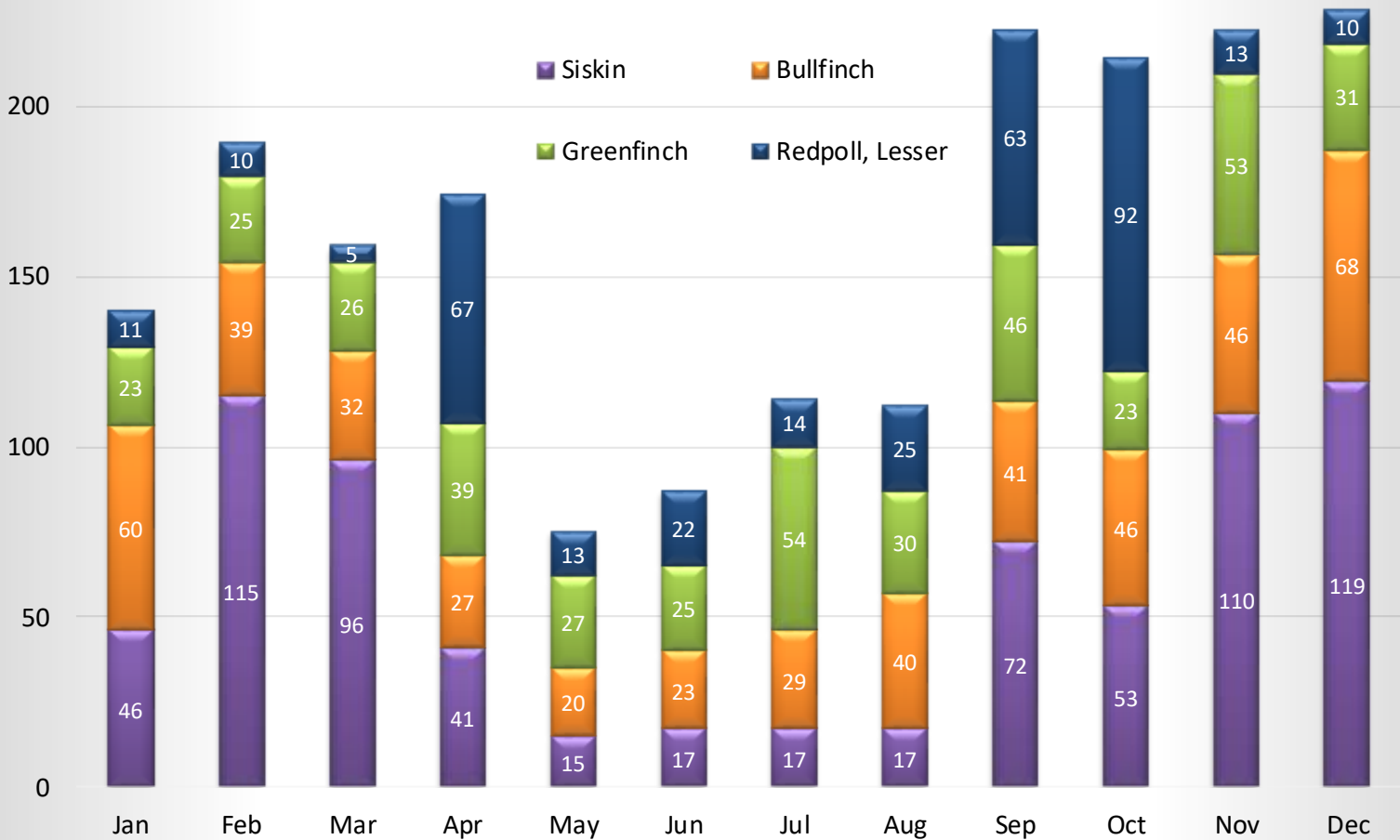


Commoner Finches - peak monthly totals



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Less common Finches - peak monthly totals



ANNUAL SPECIES ABUNDANCE

For every month, highest count for each location during that month added together

All sites - total year	
Gull, Black-headed	8144
Woodpigeon	7718
Starling	7710
Jackdaw	7646
Lapwing	7148
Goose, Greylag	6998
Mallard	6312
Fieldfare	3836
Gull, Common	3322
Rook	2547
Goose, Canada	2163
Grouse, Red	2163
Coot	2129
Blackbird	2016
Pipit, Meadow	2007
Swallow	1938
Redwing	1935
Wren	1767
Tit, Blue	1757
Crow, Carrion	1702
Chaffinch	1660
Goldfinch	1657
Pheasant	1645
Wigeon	1613
Robin	1503
Plover, Golden	1344
Oystercatcher	1171
Tit, Great	1154
Duck, Tufted	1096
Curlew	1053
Tit, Long-tailed	984
Swan, Mute	856
Martin, Sand	829
Linnet	769
Warbler, Willow	735
Tit, Coal	729
Magpie	718
Siskin	718
Dove, Stock	680
Martin, House	660
Teal	610
Gull, Herring	594
Moorhen	533
Thrush, Mistle	513
Dunnock	504
Thrush, Song	485
Cormorant	472
Bullfinch	471
Chiffchaff	466
Goldcrest	427
Sparrow, House	403
Greenfinch	402
Swift	389
Skylark	385
Wagtail, Pied	372
Redpoll, Lesser	345

Upland sites - total year	
Starling	5496
Lapwing	4450
Gull, Black-headed	4166
Goose, Greylag	3782
Jackdaw	2999
Gull, Common	2756
Fieldfare	2582
Mallard	2495
Grouse, Red	2163
Pipit, Meadow	1831
Woodpigeon	1650
Goose, Canada	1469
Wigeon	1438
Rook	1332
Plover, Golden	1159
Swallow	1112
Pheasant	1098
Oystercatcher	1076
Curlew	770
Chaffinch	766
Goldfinch	663
Tit, Blue	555
Wren	529
Redwing	508
Blackbird	495
Robin	433
Warbler, Willow	420
Tit, Coal	363
Teal	341
Thrush, Mistle	318
Martin, House	317
Dove, Stock	308
Crow, Carrion	294
Grouse, Black	282
Goldcrest	252
Tit, Great	247
Martin, Sand	243
Redpoll, Lesser	239
Wagtail, Pied	239
Thrush, Song	213
Siskin	212
Tit, Long-tailed	200
Sparrow, House	174
Skylark	169
Crossbill, Common	164
Linnet	149
Snipe	146
Greenfinch	140
Moorhen	135
Wheatear	119
Dunnock	115
Woodpecker, Gt-sp	112
Bullfinch	108
Cormorant	103
Wagtail, Grey	88
Swift	85

Lowland sites - total year	
Woodpigeon	6068
Jackdaw	4647
Gull, Black-headed	3978
Mallard	3817
Goose, Greylag	3216
Lapwing	2698
Starling	2214
Coot	2125
Blackbird	1521
Redwing	1427
Crow, Carrion	1408
Fieldfare	1254
Wren	1238
Rook	1215
Tit, Blue	1202
Robin	1070
Duck, Tufted	1024
Goldfinch	994
Tit, Great	907
Chaffinch	894
Swan, Mute	855
Swallow	826
Tit, Long-tailed	784
Goose, Canada	694
Magpie	671
Linnet	620
Martin, Sand	586
Gull, Herring	568
Gull, Common	566
Pheasant	547
Siskin	506
Moorhen	398
Dunnock	389
Chiffchaff	383
Dove, Stock	372
Cormorant	369
Tit, Coal	366
Bullfinch	363
Martin, House	343
Warbler, Willow	315
Swift	304
Sparrow, Tree	295
Curlew	283
Thrush, Song	272
Teal	269
Greenfinch	262
Blackcap	241
Sparrow, House	229
Nuthatch	220
Skylark	216
Thrush, Mistle	195
Woodpecker, Gt-sp	195
Plover, Golden	185
Jay	184
Yellowhammer	183
Heron, Grey	182

Woodpecker, Gt-sp	307
Sparrow, Tree	302
Nuthatch	301
Blackcap	284
Grouse, Black	282
Heron, Grey	239
Jay	221
Crossbill, Common	216
Wagtail, Grey	205
Dove, Collared	203
Goosander	193
Yellowhammer	189
Snipe	173
Whitethroat	173
Dipper	167
Partridge, Grey	163
Grebe, Little	160
Bunting, Reed	152
Kestrel	151
Gull, Ls Black-back	141
Wheatear	122
Buzzard	120
Treecreeper	116
Goldeneye	104
Tit, Willow	101
Grebe, Great-crest	99
Gadwall	90
Gull, Gt Black-back	87
Sparrowhawk	80
Redshank	77
Sandpiper, Common	62
Brambling	58
Woodpecker, Green	56
Flycatcher, Spotted	53
Warbler, Sedge	52
Kingfisher	47
Ouzel, Ring	47
Warbler, Garden	47
Tit, Marsh	45
Partridge, Red-leg	41
Warbler, Reed	41
Woodcock	40
Pochard	36
Redstart	32
Cuckoo	28
Stonechat	16
Peregrine	15
Raven	15
Flycatcher, Pied	14
Plover, Ringed	13
Swan, Whooper	12
Owl, Tawny	11
Sandpiper, Green	11
Waxwing	11
Rail, Water	10
Wagtail, Yellow	10
Pipit, Tree	9
Warbler, Grasshop	9
Owl, Little	8
Egret, Little	7

Chiffchaff	83
Nuthatch	81
Dipper	80
Redshank	77
Kestrel	76
Partridge, Grey	76
Duck, Tufted	72
Dove, Collared	70
Buzzard	68
Gull, Ls Black-back	68
Heron, Grey	57
Gull, Gt Black-back	49
Magpie	47
Ouzel, Ring	47
Sandpiper, Common	45
Blackcap	43
Grebe, Great-crest	43
Woodpecker, Green	38
Flycatcher, Spotted	37
Jay	37
Woodcock	36
Goosander	34
Sparrowhawk	34
Treecreeper	34
Bunting, Reed	32
Redstart	31
Gull, Herring	26
Cuckoo	22
Tit, Marsh	18
Stonechat	16
Raven	15
Partridge, Red-leg	14
Flycatcher, Pied	13
Plover, Ringed	13
Goldeneye	12
Waxwing	10
Whitethroat	10
Pipit, Tree	9
Merlin	7
Sparrow, Tree	7
Tit, Willow	7
Goose, White-fronted	6
Peregrine	6
Yellowhammer	6
Dunlin	5
Grebe, Little	5
Coot	4
Kingfisher	4
Warbler, Garden	4
Brambling	3
Sandpiper, Green	3
Warbler, Sedge	3
Goose, Barnacle	2
Owl, Barn	2
Owl, Short-eared	2
Owl, Tawny	2
Swan, Whooper	2
Warbler, Grasshop	2
Diver, Black-throat	1
Goshawk	1

Pipit, Meadow	176
Goldcrest	175
Wigeon	175
Whitethroat	163
Goosander	159
Grebe, Little	155
Dove, Collared	133
Wagtail, Pied	133
Bunting, Reed	120
Wagtail, Grey	117
Redpoll, Lesser	106
Oystercatcher	95
Tit, Willow	94
Goldeneye	92
Gadwall	90
Dipper	87
Partridge, Grey	87
Treecreeper	82
Kestrel	75
Gull, Ls Black-back	73
Grebe, Great-crest	56
Brambling	55
Buzzard	52
Crossbill, Common	52
Warbler, Sedge	49
Sparrowhawk	46
Kingfisher	43
Warbler, Garden	43
Warbler, Reed	41
Gull, Gt Black-back	38
Pochard	36
Partridge, Red-leg	27
Snipe	27
Tit, Marsh	27
Woodpecker, Green	18
Sandpiper, Common	17
Flycatcher, Spotted	16
Rail, Water	10
Swan, Whooper	10
Wagtail, Yellow	10
Owl, Tawny	9
Peregrine	9
Sandpiper, Green	8
Egret, Little	7
Owl, Little	7
Warbler, Grasshop	7
Whitethroat, Lesser	7
Cuckoo	6
Duck, Mandarin	5
Goose, Barnacle	5
Woodcock	4
Owl, Short-eared	3
Shoveler	3
Wheatear	3
Kite, Red	2
Owl, Barn	2
Shelduck	2
Tern, Common	2
Flycatcher, Pied	1
Goose, White-fronted	1

PEAK SPECIES ABUNDANCE

Highest single count for each species from every location added together

All sites - peak month	
Starling	1488
Lapwing	1373
Woodpigeon	1161
Gull, Black-headed	1153
Fieldfare	1115
Goose, Greylag	1065
Jackdaw	963
Mallard	912
Swallow	699
Pipit, Meadow	642
Gull, Common	641
Redwing	506
Oystercatcher	432
Linnet	363
Coot	358
Goldfinch	344
Grouse, Red	337
Curlew	327
Plover, Golden	320
Rook	318
Wigeon	317
Goose, Canada	299
Blackbird	279
Robin	236
Pheasant	231
Tit, Blue	225
Martin, House	211
Chaffinch	206
Wren	195
Crow, Carrion	192
Duck, Tufted	178
Warbler, Willow	175
Martin, Sand	172
Tit, Long-tailed	160
Swift	153
Tit, Great	135
Teal	134
Swan, Mute	121
Siskin	119
Dove, Stock	115
Chiffchaff	109
Gull, Herring	101
Redpoll, Lesser	92
Magpie	87
Goldcrest	85
Tit, Coal	85
Skylark	84
Blackcap	83
Thrush, Song	80
Dunnock	74
Bullfinch	68
Cormorant	67
Sparrow, House	67
Thrush, Mistle	65
Sparrow, Tree	64
Wagtail, Pied	60

Upland sites - peak month	
Starling	1433
Lapwing	1248
Gull, Black-headed	1098
Fieldfare	1005
Goose, Greylag	757
Gull, Common	563
Pipit, Meadow	530
Jackdaw	507
Mallard	479
Oystercatcher	405
Swallow	377
Woodpigeon	377
Grouse, Red	337
Plover, Golden	320
Wigeon	292
Goose, Canada	230
Curlew	215
Redwing	214
Goldfinch	203
Rook	179
Pheasant	163
Chaffinch	114
Warbler, Willow	112
Martin, House	110
Teal	91
Dove, Stock	88
Tit, Blue	80
Martin, Sand	79
Robin	77
Blackbird	67
Wren	63
Goldcrest	59
Redpoll, Lesser	57
Grouse, Black	52
Tit, Coal	52
Thrush, Mistle	51
Tit, Long-tailed	47
Siskin	46
Skylark	44
Linnet	43
Wagtail, Pied	43
Crow, Carrion	41
Swift	40
Thrush, Song	40
Sparrow, House	38
Wheatear	34
Redshank	31
Snipe	31
Crossbill, Common	28
Tit, Great	27
Wagtail, Grey	27
Chiffchaff	26
Greenfinch	25
Bullfinch	22
Blackcap	21
Cormorant	21

Lowland sites - peak month	
Lapwing	1138
Woodpigeon	1012
Gull, Black-headed	938
Jackdaw	644
Goose, Greylag	558
Starling	532
Mallard	529
Fieldfare	426
Coot	358
Redwing	346
Linnet	345
Swallow	322
Blackbird	234
Rook	201
Duck, Tufted	178
Crow, Carrion	170
Robin	159
Plover, Golden	150
Tit, Blue	149
Martin, House	148
Wren	147
Gull, Common	144
Goldfinch	141
Curlew	135
Martin, Sand	123
Tit, Long-tailed	123
Swan, Mute	121
Swift	119
Pipit, Meadow	112
Tit, Great	110
Chaffinch	105
Siskin	104
Gull, Herring	100
Wigeon	86
Chiffchaff	83
Goose, Canada	82
Magpie	82
Skylark	79
Dove, Stock	78
Warbler, Willow	78
Pheasant	76
Blackcap	72
Sparrow, Tree	64
Dunnock	58
Whitethroat	55
Teal	48
Bullfinch	46
Cormorant	46
Greenfinch	46
Moorhen	46
Thrush, Song	46
Goldcrest	43
Tit, Coal	43
Brambling	40
Gadwall	39
Sparrow, House	38

Moorhen	57
Whitethroat	55
Greenfinch	54
Grouse, Black	52
Brambling	40
Wagtail, Grey	40
Gadwall	39
Gull, Ls Black-back	39
Bunting, Reed	36
Partridge, Grey	36
Crossbill, Common	35
Nuthatch	35
Wheatear	34
Woodpecker, Gt-sp	33
Jay	32
Snipe	32
Dove, Collared	31
Heron, Grey	31
Redshank	31
Goosander	28
Yellowhammer	26
Goldeneye	25
Partridge, Red-leg	25
Warbler, Garden	24
Grebe, Little	22
Dipper	20
Flycatcher, Spotted	20
Grebe, Great-crest	20
Kestrel	20
Sandpiper, Common	20
Buzzard	18
Tit, Willow	18
Treecreeper	18
Warbler, Sedge	18
Gull, Gt Black-back	17
Ouzel, Ring	14
Pochard	14
Redstart	14
Warbler, Reed	13
Cuckoo	11
Sparrowhawk	10
Waxwing	10
Woodpecker, Green	10
Kingfisher	9
Woodcock	9
Flycatcher, Pied	8
Swan, Whooper	8
Tit, Marsh	8
Wagtail, Yellow	6
Plover, Ringed	5
Dunlin	4
Egret, Little	4
Goose, White-fronted	4
Pipit, Tree	4
Warbler, Grasshop	4
Goose, Barnacle	3
Merlin	3
Peregrine	3
Raven	3
Sandpiper, Green	3

Moorhen	21
Partridge, Grey	18
Gull, Ls Black-back	17
Duncock	16
Sandpiper, Common	16
Gull, Herring	15
Gull, Gt Black-back	14
Kestrel	14
Ouzel, Ring	14
Redstart	14
Woodpecker, Gt-sp	14
Duck, Tufted	13
Flycatcher, Spotted	13
Dipper	12
Bunting, Reed	10
Cuckoo	10
Dove, Collared	10
Grebe, Great-crest	10
Nuthatch	10
Waxwing	10
Buzzard	9
Heron, Grey	9
Jay	8
Magpie	8
Flycatcher, Pied	7
Goosander	7
Whitethroat	7
Woodcock	7
Partridge, Red-leg	6
Sparrow, Tree	6
Woodpecker, Green	6
Plover, Ringed	5
Sparrowhawk	5
Treecreeper	5
Dunlin	4
Goldeneye	4
Goose, White-fronted	4
Pipit, Tree	4
Brambling	3
Merlin	3
Raven	3
Stonechat	3
Tit, Marsh	3
Warbler, Garden	3
Goose, Barnacle	2
Grebe, Little	2
Kingfisher	2
Peregrine	2
Sandpiper, Green	2
Tit, Willow	2
Warbler, Sedge	2
Yellowhammer	2
Coot	1
Diver, Black-throat	1
Goshawk	1
Owl, Barn	1
Owl, Little	1
Owl, Short-eared	1
Owl, Tawny	1
Swan, Mute	1

Redpoll, Lesser	35
Bunting, Reed	30
Jay	29
Goosander	28
Oystercatcher	27
Dove, Collared	26
Nuthatch	26
Partridge, Grey	26
Partridge, Red-leg	25
Thrush, Mistle	25
Yellowhammer	25
Heron, Grey	23
Goldeneye	22
Grebe, Little	22
Gull, Ls Black-back	22
Woodpecker, Gt-sp	22
Warbler, Garden	21
Snipe	20
Wagtail, Pied	20
Crossbill, Common	19
Wagtail, Grey	18
Warbler, Sedge	18
Tit, Willow	17
Dipper	14
Gull, Gt Black-back	14
Pochard	14
Treecreeper	14
Warbler, Reed	13
Kestrel	12
Buzzard	10
Grebe, Great-crest	10
Kingfisher	8
Swan, Whooper	8
Flycatcher, Spotted	7
Sparrowhawk	7
Wagtail, Yellow	6
Sandpiper, Common	5
Tit, Marsh	5
Woodpecker, Green	5
Cuckoo	4
Egret, Little	4
Sandpiper, Green	3
Warbler, Grasshop	3
Wheatear	3
Whitethroat, Lesser	3
Duck, Mandarin	2
Owl, Little	2
Owl, Tawny	2
Peregrine	2
Rail, Water	2
Shelduck	2
Shoveler	2
Tern, Common	2
Woodcock	2
Flycatcher, Pied	1
Goose, Barnacle	1
Goose, White-fronted	1
Greenshank	1
Hawfinch	1
Hobby	1

