

Big Bend National Park Breeding Bird Surveys

May 2015

By Mark R. Flippo

Annual breeding bird surveys have been performed in Big Bend National Park since the mid 1980s with three prescribed driving routes of 24 miles each, following established protocols for monitoring (a three minute period at each half mile of the route for a total of 50 data points for each route). For 2015, three breeding bird surveys were completed in Big Bend National Park between May 27 and May 30: Hot Springs route May 27, Chisos route May 29, Castolon route May 30. May dates, while earlier than most routes run elsewhere in the nation, are authorized for southwest arid zones where breeding species begin nesting earlier than those in more northerly environments and as a time when most migrant species have already vacated the area .

The Hot Springs route tallied a total of 32 species and 471 individuals, the Chisos route tallied 44 species and 473 individuals, and the Castolon route tallied 33 species and 451 individuals. Species totals decreased slightly from 2014 on the Castolon route and increased slightly on the Hot Springs and Chisos routes. For the second consecutive year, total individual numbers increased from 2014 on all three routes, exceeding the 18 year average (1997-2014**), a promising trend since the low numbers tallied in the exceptional drought year of 2011.

Breeding species composition remained constant with the exception of a nearly three-fold increase in scaled quail numbers over the previous year, reflecting increased recruitment from a growing population and improved nesting conditions. Black-throated sparrow was the most tallied breeding species on all three routes (299), followed by northern mockingbird (186), scaled quail (108) mourning dove (90), pyrrhuloxia (77) and cactus wren (72).

Perhaps also benefiting from increased recruitment and improved nesting conditions, loggerhead shrikes again tallied in unusually high numbers on the Hot Springs route. This year nineteen individuals were observed, surpassing the previous record of thirteen in 2014 by almost 50 percent.

No new breeding species were added to the database during this year's survey.

**18 year BBS averages (1997-2014)

Hot springs average: 34 species 434 individuals

Chisos Basin average: 44 species 423 individuals

Castolon average: 37 species 393 individuals

Route Summary

Observer: F0171 - MARK FLIPPO
Route: HOT SPRINGS, TEXAS (83-082)
Run Method: 101-Standard BBS

Route Summary Information

Date Route Run: 05/27/2015
Start Time: 06:24
End Time: 10:35
Start Temp: 72 °F
End Temp: 80 °F
Start Wind: 1-Wind direction shown by smoke drift [1-3 mph, 2-5 Kph]
End Wind: 2-Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
Start Sky: 0-Clear or few clouds
End Sky: 0-Clear or few clouds

10 Stop Totals

Species	1-10	11-20	21-30	31-40	41-50	Total ind.	Total Stops
Scaled Quail	2	11	9	14	5	41	29
Turkey Vulture	0	4	2	3	3	12	11
Swainson's Hawk	0	1	0	0	0	1	1
Red-tailed Hawk	1	0	1	0	1	3	3
Mourning Dove	10	9	7	1	0	27	14
Greater Roadrunner	1	4	1	1	0	7	6
Great Horned Owl	1	0	0	0	0	1	1
Lesser Nighthawk	17	0	0	0	0	17	9
Ladder-backed Woodpecker	0	0	1	0	0	1	1
Say's Phoebe	0	0	0	0	1	1	1
Ash-throated Flycatcher	3	0	3	0	0	6	5
Loggerhead Shrike	8	5	5	1	0	19	16
Bell's Vireo	0	0	0	0	4	4	3
Common Raven	1	2	1	0	0	4	4
Verdin	1	0	1	2	4	8	7
Rock Wren	5	0	0	0	0	5	2
Bewick's Wren	0	0	1	0	1	2	2
Cactus Wren	3	11	11	6	5	36	21
Black-tailed Gnatcatcher	0	0	0	3	5	8	5
Curve-billed Thrasher	0	0	0	1	0	1	1
Northern Mockingbird	15	23	10	4	10	62	33
Rufous-crowned Sparrow	0	0	0	0	1	1	1
Canyon Towhee	0	0	3	0	0	3	2
Cassin's Sparrow	0	0	0	5	0	5	3
Black-throated Sparrow	20	25	35	28	19	127	44
Pyrrhuloxia	0	3	9	16	8	36	17
Blue Grosbeak	0	0	5	2	8	15	11
Varied Bunting	0	0	0	1	1	2	2
Brown-headed Cowbird	0	0	0	0	1	1	1
Scott's Oriole	1	0	0	3	0	4	3
House Finch	4	0	2	0	0	6	2
House Sparrow	0	0	0	5	0	5	1
Total Species : 32	Total ind. : 471						

Vehicles	3	5	8	19	20	55	27
Noise	0	0	0	0	0	0	0

Data Review

Observer: F0171 - MARK FLIPPO
 Route: HOT SPRINGS, TEXAS (83-082)
 Run Method: 101-Standard BBS

Route Summary Information

Date Route Run: 05/27/2015
 Start Time: 06:24
 End Time: 10:35
 Start Temp: 72 °F
 End Temp: 80
 Start Wind: 1 - Wind direction shown by smoke drift [1-3 mph, 2-5 Kph]
 End Wind: 2 - Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
 Start Sky: 0 - Clear or few clouds
 End Sky: 0 - Clear or few clouds

Questions

10. Was the route completed?



Yes



No

How many stops were sampled?

- Choose One -

Please comment on why you were unable to complete the route.

11. Were number of passing vehicles recorded during count?



Yes



No

MARK FLIPPO is the assigned observer on this route

12. Did MARK FLIPPO perform the survey this year?



Yes



No

13. Did the observer have an assistant to help with logistics?



Yes



No

Please provide the assistant's first and last name:

Did this assistant record the data?



Yes



No

14. How many hours did the observer and assistant contribute to the completion of this particular route this year? Include total time spent on scouting trip, data collection, travel to and from route, data entry and data review. Please round to a whole number.

(Obs) (Asst)

9	
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15. Was the observer paid or otherwise compensated by their employer to survey this route?



Yes



No

16. Does the observer intend to survey the route again next year (2016)?



Yes



No

Would you like to leave a comment and/or suggest a replacement?



Species	1	2	3	4	5	
Mourning Dove	1	1	1	2	1	Breeder
Great Horned Owl	1					Breeder
Lesser Nighthawk	2	3	4	2	1	Breeder
Ash-throated Flycatcher		1	1		1	Breeder
Loggerhead Shrike		1		1		Breeder
Rock Wren	2	3				Breeder
Northern Mockingbird		1	1	1	1	Breeder
Black-throated Sparrow	1	3	5	1	3	Breeder
House Finch	4					Breeder
Number of Vehicles	1				1	
Excessive Noise	<input type="checkbox"/>					
Species	6	7	8	9	10	
Scaled Quail		1		1		Breeder
Red-tailed Hawk		1				Breeder
Mourning Dove	2			2		Breeder
Greater Roadrunner		1				Breeder
Lesser Nighthawk	2	1		1	1	Breeder
Loggerhead Shrike	1	2	1	1	1	Breeder
Common Raven	1					Breeder
Verdin		1				Breeder
Cactus Wren			1	2		Breeder
Northern Mockingbird	1	1	2	3	4	Breeder
Black-throated Sparrow		1	4		2	Breeder
Scott's Oriole			1			Breeder
Number of Vehicles					1	
Excessive Noise	<input type="checkbox"/>					
Species	11	12	13	14	15	
Scaled Quail	1	2	1	1		Breeder
Turkey Vulture	2	1			1	Breeder
Swainson's Hawk		1				Breeder
Mourning Dove		5				Breeder
Greater Roadrunner	1		2		1	Breeder
Loggerhead Shrike	1	1				Breeder
Northern Mockingbird	1	2	2	3	2	Breeder
Black-throated Sparrow	4	1		5	3	Breeder
Number of Vehicles	2				2	
Excessive Noise	<input type="checkbox"/>					
Species	16	17	18	19	20	
Scaled Quail	2	1		1	2	Breeder
Mourning Dove	1			1	2	Breeder

Loggerhead Shrike			2		1	Breeder
Common Raven		1	1			Breeder
Cactus Wren	1	1	2	4	3	Breeder
Northern Mockingbird	3	3	2	3	2	Breeder
Black-throated Sparrow	2		4	2	4	Breeder
Pyrrhuloxia				3		Breeder
Number of Vehicles		1				
Excessive Noise	<input type="checkbox"/>					
Species	21	22	23	24	25	
Scaled Quail		1			3	Breeder
Turkey Vulture				1		Breeder
Mourning Dove	5		2			Breeder
Greater Roadrunner			1			Breeder
Loggerhead Shrike		2	1			Breeder
Common Raven					1	Breeder
Cactus Wren	2	2		2	2	Breeder
Northern Mockingbird	5	3		1	1	Breeder
Black-throated Sparrow	5	4	2	2	4	Breeder
Pyrrhuloxia			2	1		Breeder
Number of Vehicles	1			1		
Excessive Noise	<input type="checkbox"/>					
Species	26	27	28	29	30	
Scaled Quail	2		2	1		Breeder
Turkey Vulture					1	Breeder
Red-tailed Hawk					1	Breeder
Ladder-backed Woodpecker				1		Breeder
Ash-throated Flycatcher			1		2	Breeder
Loggerhead Shrike	1	1				Breeder
Verdin		1				Breeder
Bewick's Wren		1				Breeder
Cactus Wren		2		1		Breeder
Canyon Towhee				2	1	Breeder
Black-throated Sparrow	4	4	4	4	2	Breeder
Pyrrhuloxia		2			4	Breeder
Blue Grosbeak		1	1	1	2	Breeder
House Finch					2	Breeder
Number of Vehicles	3	3				
Excessive Noise	<input type="checkbox"/>					
Species	31	32	33	34	35	
Scaled Quail	3	2	1	1	2	Breeder
Turkey Vulture				1	1	Breeder
Mourning Dove		1				Breeder
Verdin					1	Breeder
Cactus Wren	1			3		Breeder
Black-tailed Gnatcatcher			1			Breeder
Curve-billed Thrasher		1				Breeder
Northern Mockingbird				1		Breeder
Cassin's Sparrow			2		1	Breeder

Black-throated Sparrow	4	2	3		6	Breeder
Pyrrhuloxia	2		1	3	3	Breeder
Blue Grosbeak					1	Breeder
Scott's Oriole		1		2		Breeder
House Sparrow				5		Breeder
Number of Vehicles			3	3	1	
Excessive Noise	<input type="checkbox"/>					
Species	36	37	38	39	40	
Scaled Quail	1	1	1	1	1	Breeder
Turkey Vulture		1				Breeder
Greater Roadrunner		1				Breeder
Loggerhead Shrike	1					Breeder
Verdin		1				Breeder
Cactus Wren	1		1			Breeder
Black-tailed Gnatcatcher					2	Breeder
Northern Mockingbird	2		1			Breeder
Cassin's Sparrow				2		Breeder
Black-throated Sparrow	3	2	2	5	1	Breeder
Pyrrhuloxia		4		1	2	Breeder
Blue Grosbeak				1		Breeder
Varied Bunting					1	Breeder
Number of Vehicles	4	5	1	1	1	
Excessive Noise	<input type="checkbox"/>					
Species	41	42	43	44	45	
Scaled Quail				1	2	Breeder
Turkey Vulture	1					Breeder
Bell's Vireo	1				1	Breeder
Bewick's Wren			1			Breeder
Cactus Wren				1		Breeder
Black-tailed Gnatcatcher				2		Breeder
Northern Mockingbird	1	2		2	2	Breeder
Rufous-crowned Sparrow			1			Breeder
Black-throated Sparrow	2	5	2	1	1	Breeder
Pyrrhuloxia	2		1	3	1	Breeder
Blue Grosbeak	2		1			Breeder
Number of Vehicles	3		4	2	1	
Excessive Noise	<input type="checkbox"/>					
Species	46	47	48	49	50	
Scaled Quail	1				1	Breeder
Turkey Vulture		1		1		Breeder
Red-tailed Hawk		1				Breeder
Say's Phoebe		1				Breeder
Bell's Vireo				2		Breeder
Verdin	2	1			1	Breeder
Cactus Wren		1	2	1		Breeder
Black-tailed Gnatcatcher		1			2	Breeder
Northern Mockingbird			1	1	1	Breeder
Black-throated Sparrow	1	1	4	2		Breeder

Pyrrhuloxia				1		Breeder
Blue Grosbeak	1			2	2	Breeder
Varied Bunting					1	Breeder
Brown-headed Cowbird				1		Breeder
Number of Vehicles	1	3	1	3	2	
Excessive Noise	<input type="checkbox"/>					

Comments

Breeding birds seen during the survey:
 The nineteen loggerhead shrikes tallied in this year's survey is the highest number ever in the nineteen years I have been conducting the count, exceeding last year's record of thirteen shrikes. Recruitment from last year's increased numbers and a unusually wet spring season making for improved nesting conditions may account for this year's larger tally. Why the number of shrikes is larger on the Hot Springs route as compared to the other two routes with similar habitat (ocotillo forest interspersed with low woody arid land scrub) remains an unanswered question.

Non-breeding birds seen during the survey:

Temporary route problems:

Permanent route problems:

Route vacancy:

Miscellaneous notes from the field:

Stories from the field:

Other issues requiring staff assistance:

Route Summary

Observer: F0171 - MARK FLIPPO
Route: CHISOS BASIN, TEXAS (83-900)
Run Method: 101-Standard BBS

Route Summary Information

Date Route Run: 05/29/2015
Start Time: 06:24
End Time: 10:44
Start Temp: 65 °F
End Temp: 82 °F
Start Wind: 1-Wind direction shown by smoke drift [1-3 mph, 2-5 Kph]
End Wind: 2-Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
Start Sky: 0-Clear or few clouds
End Sky: 0-Clear or few clouds

10 Stop Totals

Species	1-10	11-20	21-30	31-40	41-50	Total ind.	Total Stops
Scaled Quail	0	20	8	1	2	31	14
Turkey Vulture	1	2	1	7	4	15	8
Red-tailed Hawk	1	0	0	0	0	1	1
White-winged Dove	3	0	0	0	0	3	1
Mourning Dove	1	0	4	16	7	28	14
Greater Roadrunner	0	0	1	1	2	4	3
Lesser Nighthawk	0	0	0	0	1	1	1
Acorn Woodpecker	1	0	0	0	0	1	1
Ladder-backed Woodpecker	3	0	0	0	0	3	3
Say's Phoebe	2	0	0	0	0	2	2
Ash-throated Flycatcher	2	0	1	4	1	8	7
Loggerhead Shrike	0	0	2	1	0	3	2
Bell's Vireo	0	2	2	1	1	6	5
Black-capped Vireo	2	0	0	0	0	2	1
Mexican Jay	7	0	0	0	0	7	3
Common Raven	0	3	1	0	0	4	3
Cliff Swallow	0	0	0	2	0	2	1
Black-crested Titmouse	9	0	0	0	0	9	4
Verdin	0	1	2	3	9	15	11
Rock Wren	0	0	2	0	0	2	2
Canyon Wren	3	0	0	0	0	3	3
Bewick's Wren	8	6	0	0	0	14	10
Cactus Wren	6	6	1	0	4	17	10
Blue-gray Gnatcatcher	5	0	0	0	0	5	3
Black-tailed Gnatcatcher	0	2	5	3	2	12	12
Curve-billed Thrasher	0	1	0	0	0	1	1
Crissal Thrasher	0	0	0	1	0	1	1
Northern Mockingbird	9	13	23	10	28	83	36
Spotted Towhee	1	0	0	0	0	1	1
Rufous-crowned Sparrow	25	3	0	0	0	28	9
Canyon Towhee	9	0	0	0	0	9	5
Cassin's Sparrow	0	2	2	1	0	5	4
Black-chinned Sparrow	3	0	0	0	0	3	1

Black-throated Sparrow	3	21	22	6	12	64	25
Hepatic Tanager	1	0	0	0	0	1	1
Summer Tanager	1	0	0	0	0	1	1
Pyrrhuloxia	0	8	0	5	2	15	10
Black-headed Grosbeak	2	0	0	0	0	2	2
Blue Grosbeak	7	4	2	1	1	15	14
Varied Bunting	1	0	0	0	0	1	1
Painted Bunting	0	0	1	0	2	3	2
Brown-headed Cowbird	0	0	0	3	0	3	2
Scott's Oriole	6	0	3	0	0	9	6
House Finch	0	4	11	12	3	30	10
Total Species : 44	Total ind. : 473						
Vehicles	1	5	6	11	4	27	18
Noise	0	0	0	0	0	0	0

Data Review

Observer: F0171 - MARK FLIPPO
 Route: CHISOS BASIN, TEXAS (83-900)
 Run Method: 101-Standard BBS

Route Summary Information

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Questions

10. Was the route completed?

Yes

No

How many stops were sampled?

- Choose One -

Please comment on why you were unable to complete the route.

11. Were number of passing vehicles recorded during count?

Yes

No

MARK FLIPPO is the assigned observer on this route

12. Did MARK FLIPPO perform the survey this year?

Yes

No

13. Did the observer have an assistant to help with logistics?

Yes

No

Please provide the assistant's first and last name:

Did this assistant record the data?

Yes

No

14. How many hours did the observer and assistant contribute to the completion of this particular route this year? Include total time spent on scouting trip, data collection, travel to and from route, data entry and data review. Please round to a whole number.

(Obs) (Asst)

9	
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15. Was the observer paid or otherwise compensated by their employer to survey this route?

Yes

No

16. Does the observer intend to survey the route again next year (2016)? Yes No

Would you like to leave a comment and/or suggest a replacement?

Species	1	2	3	4	5	
White-winged Dove			3			Breeder
Acorn Woodpecker	1					Breeder
Say's Phoebe	1		1			Breeder
Ash-throated Flycatcher					1	Breeder
Black-capped Vireo				2		Breeder
Mexican Jay					4	Breeder
Black-crested Titmouse					4	Breeder
Bewick's Wren		1		1		Breeder
Cactus Wren			2			Breeder
Blue-gray Gnatcatcher		1	2			Breeder
Northern Mockingbird		3	3			Breeder
Rufous-crowned Sparrow	3	6	3	2	2	Breeder
Canyon Towhee		1	2	4	1	Breeder
Black-chinned Sparrow				3		Breeder
Hepatic Tanager	1					Breeder
Summer Tanager		1				Breeder
Black-headed Grosbeak	1					Breeder
Blue Grosbeak		1	1	1		Breeder
Varied Bunting			1			Breeder
Scott's Oriole	2	1	1			Breeder
Number of Vehicles					1	
Excessive Noise	<input type="checkbox"/>					
Species	6	7	8	9	10	
Turkey Vulture					1	Breeder
Red-tailed Hawk					1	Breeder
Mourning Dove				1		Breeder
Ladder-backed Woodpecker	1			1	1	Breeder
Ash-throated Flycatcher				1		Breeder
Mexican Jay	2	1				Breeder
Black-crested Titmouse	2	2		1		Breeder
Canyon Wren	1	1		1		Breeder
Bewick's Wren		1	1	3	1	Breeder
Cactus Wren		1	1	2		Breeder
Blue-gray Gnatcatcher		2				Breeder
Northern Mockingbird					3	Breeder
Spotted Towhee	1					Breeder
Rufous-crowned Sparrow		3	4		2	Breeder
Canyon Towhee			1			Breeder
Black-throated Sparrow					3	Breeder

Black-headed Grosbeak	1					Breeder
Blue Grosbeak		2	1	1		Breeder
Scott's Oriole					2	Breeder
Number of Vehicles						
Excessive Noise	<input type="checkbox"/>					
Species	11	12	13	14	15	
Scaled Quail	2	5		2	1	Breeder
Turkey Vulture				1		Breeder
Bell's Vireo					1	Breeder
Bewick's Wren	2	1	1	2		Breeder
Cactus Wren		2	3			Breeder
Black-tailed Gnatcatcher					1	Breeder
Northern Mockingbird	4		1		1	Breeder
Rufous-crowned Sparrow	3					Breeder
Black-throated Sparrow	2	4	2	4	2	Breeder
Pyrrhuloxia			3		1	Breeder
Blue Grosbeak		1		1		Breeder
House Finch		2		2		Breeder
Number of Vehicles		1	1		2	
Excessive Noise	<input type="checkbox"/>					
Species	16	17	18	19	20	
Scaled Quail	3	2	2		3	Breeder
Turkey Vulture		1				Breeder
Bell's Vireo			1			Breeder
Common Raven		2		1		Breeder
Verdin			1			Breeder
Cactus Wren				1		Breeder
Black-tailed Gnatcatcher			1			Breeder
Curve-billed Thrasher			1			Breeder
Northern Mockingbird	1	1	2	2	1	Breeder
Cassin's Sparrow	2					Breeder
Black-throated Sparrow	1	2	2		2	Breeder
Pyrrhuloxia	1			2	1	Breeder
Blue Grosbeak	1				1	Breeder
Number of Vehicles					1	
Excessive Noise	<input type="checkbox"/>					
Species	21	22	23	24	25	
Scaled Quail		1		6		Breeder
Mourning Dove	2	1		1		Breeder
Bell's Vireo			2			Breeder
Verdin	1		1			Breeder
Rock Wren		1				Breeder
Cactus Wren	1					Breeder
Black-tailed Gnatcatcher	1	1	1	1		Breeder
Northern Mockingbird	2	5	2	5		Breeder
Black-throated Sparrow	7	3	1	2	4	Breeder
Blue Grosbeak	1					Breeder

Painted Bunting			1			Breeder
Number of Vehicles			1			
Excessive Noise	<input type="checkbox"/>					
Species	26	27	28	29	30	
Scaled Quail		1				Breeder
Turkey Vulture					1	Breeder
Greater Roadrunner			1			Breeder
Ash-throated Flycatcher	1					Breeder
Loggerhead Shrike					2	Breeder
Common Raven		1				Breeder
Rock Wren					1	Breeder
Black-tailed Gnatcatcher	1					Breeder
Northern Mockingbird	2		3	2	2	Breeder
Cassin's Sparrow			1		1	Breeder
Black-throated Sparrow		2	2	1		Breeder
Blue Grosbeak				1		Breeder
Scott's Oriole				1	2	Breeder
House Finch		2	2	7		Breeder
Number of Vehicles	1	3			1	
Excessive Noise	<input type="checkbox"/>					
Species	31	32	33	34	35	
Scaled Quail			1			Breeder
Turkey Vulture	6				1	Breeder
Mourning Dove	1	2		2		Breeder
Greater Roadrunner			1			Breeder
Ash-throated Flycatcher	2					Breeder
Cliff Swallow	2					Breeder
Verdin	1				1	Breeder
Black-tailed Gnatcatcher				1		Breeder
Northern Mockingbird		1		1		Breeder
Cassin's Sparrow					1	Breeder
Black-throated Sparrow					2	Breeder
Brown-headed Cowbird	2					Breeder
House Finch	4				4	Breeder
Number of Vehicles		5	1	2	1	
Excessive Noise	<input type="checkbox"/>					
Species	36	37	38	39	40	
Mourning Dove	2	4	4		1	Breeder
Ash-throated Flycatcher	1				1	Breeder
Loggerhead Shrike			1			Breeder
Bell's Vireo					1	Breeder
Verdin					1	Breeder
Black-tailed Gnatcatcher	1			1		Breeder
Crissal Thrasher				1		Breeder
Northern Mockingbird	1	1	1	1	4	Breeder
Black-throated Sparrow					4	Breeder
Pyrrhuloxia	2	1		2		Breeder

Blue Grosbeak		1				Breeder
Brown-headed Cowbird					1	Breeder
House Finch			4			Breeder
Number of Vehicles		1		1		
Excessive Noise	<input type="checkbox"/>					
Species	41	42	43	44	45	
Scaled Quail		1			1	Breeder
Turkey Vulture					2	Breeder
Mourning Dove	4	1				Breeder
Greater Roadrunner		2				Breeder
Lesser Nighthawk	1					Breeder
Ash-throated Flycatcher				1		Breeder
Bell's Vireo			1			Breeder
Verdin					3	Breeder
Cactus Wren		2				Breeder
Black-tailed Gnatcatcher			1			Breeder
Northern Mockingbird	1	1	1	3	2	Breeder
Black-throated Sparrow		1			2	Breeder
Pyrrhuloxia					1	Breeder
Blue Grosbeak			1			Breeder
Painted Bunting			2			Breeder
Number of Vehicles				2	1	
Excessive Noise	<input type="checkbox"/>					
Species	46	47	48	49	50	
Turkey Vulture			2			Breeder
Mourning Dove			2			Breeder
Verdin	2	2	1	1		Breeder
Cactus Wren				2		Breeder
Black-tailed Gnatcatcher		1				Breeder
Northern Mockingbird	3	3	6	2	6	Breeder
Black-throated Sparrow		2		4	3	Breeder
Pyrrhuloxia			1			Breeder
House Finch		1		2		Breeder
Number of Vehicles					1	
Excessive Noise	<input type="checkbox"/>					
Comments						
Breeding birds seen during the survey:						
Non-breeding birds seen during the survey:						
Temporary route problems:						
Permanent route problems:						

Route vacancy:

Miscellaneous notes from the field:

Stories from the field:

Other issues requiring staff assistance:

Route Summary

Observer: F0171 - MARK FLIPPO
Route: CASTOLON, TEXAS (83-319)
Run Method: 101-Standard BBS

Route Summary Information

Date Route Run: 05/30/2015
Start Time: 06:24
End Time: 10:34
Start Temp: 72 °F
End Temp: 65 °F
Start Wind: 1-Wind direction shown by smoke drift [1-3 mph, 2-5 Kph]
End Wind: 2-Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
Start Sky: 1-Partly cloudy (scattered) or variable sky
End Sky: 5-Drizzle

10 Stop Totals

Species	1-10	11-20	21-30	31-40	41-50	Total ind.	Total Stops
Scaled Quail	2	10	17	2	5	36	22
Turkey Vulture	0	1	2	4	3	10	8
White-winged Dove	12	0	0	0	0	12	4
Mourning Dove	21	14	0	0	0	35	16
Greater Roadrunner	0	4	2	2	2	10	9
Lesser Nighthawk	18	0	0	0	0	18	5
Common Nighthawk	1	0	0	0	0	1	1
White-throated Swift	0	0	0	3	0	3	1
Golden-fronted Woodpecker	3	0	0	0	0	3	1
Ash-throated Flycatcher	6	7	0	0	1	14	10
Loggerhead Shrike	0	0	4	0	0	4	3
Bell's Vireo	5	0	0	4	4	13	6
Cliff Swallow	2	0	0	0	0	2	1
Verdin	0	1	1	2	2	6	5
Rock Wren	2	4	1	1	0	8	6
Canyon Wren	3	2	1	0	0	6	6
Bewick's Wren	0	0	1	5	0	6	5
Cactus Wren	0	10	7	2	0	19	14
Black-tailed Gnatcatcher	1	2	1	1	4	9	7
Northern Mockingbird	0	7	17	11	6	41	26
Lucy's Warbler	2	0	0	0	0	2	1
Yellow-breasted Chat	9	0	0	0	3	12	6
Rufous-crowned Sparrow	0	0	0	5	0	5	2
Canyon Towhee	0	0	0	3	0	3	2
Black-throated Sparrow	25	20	19	15	10	89	38
Summer Tanager	6	0	0	0	0	6	4
Northern Cardinal	3	0	0	1	0	4	4
Pyrrhuloxia	4	6	3	2	11	26	18
Blue Grosbeak	4	4	3	2	2	15	13
Varied Bunting	0	0	0	1	1	2	2
Painted Bunting	6	0	0	0	0	6	3
Scott's Oriole	0	1	1	4	0	6	4
House Finch	11	8	0	0	0	19	9

Total Species : 33	Total ind. : 451						
Vehicles	0	2	1	0	6	9	6
Noise	0	0	0	0	0	0	0

Data Review

Observer: F0171 - MARK FLIPPO
 Route: CASTOLON, TEXAS (83-319)
 Run Method: 101-Standard BBS

Route Summary Information

Date Route Run: 05/30/2015
 Start Time: 06:24
 End Time: 10:34
 Start Temp: 72 °F
 End Temp: 65
 Start Wind: 1 - Wind direction shown by smoke drift [1-3 mph, 2-5 Kph]
 End Wind: 2 - Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph]
 Start Sky: 1 - Partly cloudy (scattered) or variable sky
 End Sky: 5 - Drizzle

Questions

10. Was the route completed?

Yes No

How many stops were sampled?

- Choose One -

Please comment on why you were unable to complete the route.

Stops 48-50 were completed but conditions were deteriorating

11. Were number of passing vehicles recorded during count?

Yes No

MARK FLIPPO is the assigned observer on this route

12. Did MARK FLIPPO perform the survey this year?

Yes No

13. Did the observer have an assistant to help with logistics?

Yes No

Please provide the assistant's first and last name:

Did this assistant record the data?

Yes No

14. How many hours did the observer and assistant contribute to the completion of this particular route this year? Include total time spent on scouting trip, data collection, travel to and from route, data entry and data review. Please round to a whole number.

(Obs) (Asst)

9

15. Was the observer paid or otherwise compensated by their employer to survey this route?

Yes No

16. Does the observer intend to survey the route again next year (2016)? Yes No

Would you like to leave a comment and/or suggest a replacement?

⏪
⏩

Species	1	2	3	4	5	
White-winged Dove		4	4	2	2	Breeder
Mourning Dove	2	2	4	3	3	Breeder
Lesser Nighthawk	4	5	1	3	5	Breeder
Common Nighthawk		1				Breeder
Golden-fronted Woodpecker				3		Breeder
Ash-throated Flycatcher				1		Breeder
Bell's Vireo				3	2	Breeder
Black-tailed Gnatcatcher			1			Breeder
Lucy's Warbler			2			Breeder
Yellow-breasted Chat	2	2	3	2		Breeder
Black-throated Sparrow		3		2	3	Breeder
Summer Tanager	1	1	2	2		Breeder
Northern Cardinal	1	1			1	Breeder
Blue Grosbeak	1	1		2		Breeder
Painted Bunting	2	2		2		Breeder
House Finch				2		Breeder
Number of Vehicles						
Excessive Noise						
	<input type="checkbox"/>					
Species	6	7	8	9	10	
Scaled Quail					2	Breeder
Mourning Dove	2	1		2	2	Breeder
Ash-throated Flycatcher	1		2	2		Breeder
Cliff Swallow					2	Breeder
Rock Wren		2				Breeder
Canyon Wren		1	1		1	Breeder
Black-throated Sparrow	5	3	1	4	4	Breeder
Pyrrhuloxia		1		3		Breeder
House Finch	3	1	2		3	Breeder
Number of Vehicles						
Excessive Noise						
	<input type="checkbox"/>					
Species	11	12	13	14	15	
Scaled Quail			1		3	Breeder
Mourning Dove	2	1	4	2	1	Breeder
Greater Roadrunner		2	1			Breeder
Ash-throated Flycatcher		1	1		2	Breeder
Verdin		1				Breeder
Cactus Wren			1	2	1	Breeder
Black-tailed Gnatcatcher					2	Breeder

Northern Mockingbird	1	1	2	1	1	Breeder
Black-throated Sparrow	1	4	2	2		Breeder
Pyrrhuloxia			1	1		Breeder
Blue Grosbeak	1			1		Breeder
Scott's Oriole					1	Breeder
House Finch	1	3	3		1	Breeder
Number of Vehicles	1	1				
Excessive Noise	<input type="checkbox"/>					
Species	16	17	18	19	20	
Scaled Quail	2			1	3	Breeder
Turkey Vulture				1		Breeder
Mourning Dove		1	3			Breeder
Greater Roadrunner			1			Breeder
Ash-throated Flycatcher			1		2	Breeder
Rock Wren	1	1	2			Breeder
Canyon Wren		1	1			Breeder
Cactus Wren		1	1	1	3	Breeder
Northern Mockingbird	1					Breeder
Black-throated Sparrow	1	2	2	4	2	Breeder
Pyrrhuloxia		1	2		1	Breeder
Blue Grosbeak	1	1				Breeder
Number of Vehicles						
Excessive Noise	<input type="checkbox"/>					
Species	21	22	23	24	25	
Scaled Quail	2	1	2	4	1	Breeder
Turkey Vulture			1			Breeder
Greater Roadrunner			1	1		Breeder
Loggerhead Shrike			1		1	Breeder
Rock Wren	1					Breeder
Canyon Wren			1			Breeder
Cactus Wren	1	2			2	Breeder
Black-tailed Gnatcatcher		1				Breeder
Northern Mockingbird	1				3	Breeder
Black-throated Sparrow	2	3	4	3	1	Breeder
Pyrrhuloxia				1		Breeder
Blue Grosbeak					2	Breeder
Number of Vehicles						
Excessive Noise	<input type="checkbox"/>					
Species	26	27	28	29	30	
Scaled Quail		1	3	2	1	Breeder
Turkey Vulture					1	Breeder
Loggerhead Shrike	2					Breeder
Verdin					1	Breeder
Bewick's Wren					1	Breeder
Cactus Wren	1				1	Breeder
Northern Mockingbird	3	1	1	4	4	Breeder
Black-throated Sparrow	2	2		1	1	Breeder

Pyrrhuloxia	2					Breeder
Blue Grosbeak					1	Breeder
Scott's Oriole					1	Breeder
Number of Vehicles			1			
Excessive Noise	<input type="checkbox"/>					
Species	31	32	33	34	35	
Scaled Quail				1		Breeder
Turkey Vulture	3			1		Breeder
Greater Roadrunner					1	Breeder
Verdin					1	Breeder
Rock Wren		1				Breeder
Bewick's Wren		2		1		Breeder
Cactus Wren	1					Breeder
Northern Mockingbird	1		2	1	1	Breeder
Rufous-crowned Sparrow	4	1				Breeder
Canyon Towhee	1				2	Breeder
Black-throated Sparrow	2		3	2	2	Breeder
Pyrrhuloxia	1					Breeder
Scott's Oriole	1			3		Breeder
Number of Vehicles						
Excessive Noise	<input type="checkbox"/>					
Species	36	37	38	39	40	
Scaled Quail	1					Breeder
Greater Roadrunner			1			Breeder
White-throated Swift				3		Breeder
Bell's Vireo	1	3				Breeder
Verdin					1	Breeder
Bewick's Wren		1	1			Breeder
Cactus Wren					1	Breeder
Black-tailed Gnatcatcher				1		Breeder
Northern Mockingbird	3	1	1		1	Breeder
Black-throated Sparrow	3	2			1	Breeder
Northern Cardinal			1			Breeder
Pyrrhuloxia	1					Breeder
Blue Grosbeak		1			1	Breeder
Varied Bunting		1				Breeder
Number of Vehicles						
Excessive Noise	<input type="checkbox"/>					
Species	41	42	43	44	45	
Scaled Quail	1	1				Breeder
Turkey Vulture			1		1	Breeder
Greater Roadrunner	1			1		Breeder
Bell's Vireo		1	3			Breeder
Verdin			2			Breeder
Black-tailed Gnatcatcher			1			Breeder
Northern Mockingbird		1		1		Breeder
Yellow-breasted Chat			2			Breeder

Black-throated Sparrow				2	3	Breeder
Pyrrhuloxia	1	2		1	2	Breeder
Blue Grosbeak			1			Breeder
Varied Bunting		1				Breeder
Number of Vehicles		1	3		2	
Excessive Noise	<input type="checkbox"/>					
Species	46	47	48	49	50	
Scaled Quail	1	1		1		Breeder
Turkey Vulture	1					Breeder
Ash-throated Flycatcher					1	Breeder
Black-tailed Gnatcatcher				2	1	Breeder
Northern Mockingbird	1	2		1		Breeder
Yellow-breasted Chat	1					Breeder
Black-throated Sparrow	1	2		2		Breeder
Pyrrhuloxia	2	1	2			Breeder
Blue Grosbeak			1			Breeder
Number of Vehicles						
Excessive Noise	<input type="checkbox"/>					

Comments

Breeding birds seen during the survey:

Non-breeding birds seen during the survey:

Temporary route problems:

Stops 48-50 were completed but conditions were deteriorating as a rapidly approaching cold front reached the end of the survey route. The temperature dropped almost 10 degrees, winds were gusty at times, and a slow drizzle began to fall beginning with stop 48.

Permanent route problems:

Route vacancy:

Miscellaneous notes from the field:

Stories from the field:

Other issues requiring staff assistance: