

Big Bend National Park
Breeding Bird Surveys

May 2011

By Mark R. Flippo

Route Summary

MARK FLIPPO

Route Summary

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

Route Summary Information

Date Route Run: 05/18/2011
Start Time: 06:24
End Time: 10:25
Start Temp: 56 °F
End Temp: 85
Start Wind: 0-Smoke rises vertically [<1 mph, <2 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	4	5	3	2	14	8
Turkey Vulture	0	0	3	4	5	12	7
Red-tailed Hawk	0	0	1	0	0	1	1
Mourning Dove	11	4	0	0	0	15	8
Greater Roadrunner	1	1	1	0	0	3	3
Great Horned Owl	2	0	0	0	0	2	2
Lesser Nighthawk	6	0	0	0	0	6	4
Black-chinned Hummingbird	0	0	1	0	0	1	1
Western Wood-Pewee	0	0	1	1	0	2	2
unid. Empidonax Flycatcher	0	0	0	0	1	1	1
Say's Phoebe	1	0	0	0	0	1	1
Ash-throated Flycatcher	3	2	4	1	0	10	10
Cassin's Kingbird	0	0	2	3	0	5	3
Loggerhead Shrike	1	1	0	0	0	2	2
Bell's Vireo	0	0	0	0	3	3	3
Common Raven	0	2	0	0	0	2	1
Barn Swallow	2	0	0	0	0	2	1
Verdin	1	0	1	1	2	5	4
Cactus Wren	7	21	8	4	3	43	25
Rock Wren	4	0	0	0	0	4	2
House Wren	0	0	1	0	0	1	1
Northern Mockingbird	4	3	2	3	4	16	16
Curve-billed Thrasher	0	0	1	0	0	1	1
Yellow-rumped Warbler (Myrtle Warbler)	0	0	0	1	0	1	1
Yellow-rumped Warbler (Audubon's Warbler)	0	0	0	0	1	1	1
Yellow-rumped Warbler (unid. Myrtle/Audubon's)	0	0	1	1	0	2	2
Wilson's Warbler	1	1	3	2	3	10	10
Canyon Towhee	1	0	0	0	0	1	1
Chipping Sparrow	0	0	1	0	0	1	1
Black-throated Sparrow	3	13	5	4	4	29	17
Lark Bunting	0	0	1	0	0	1	1
Pyrrhuloxia	5	3	1	1	3	13	11
Blue Grosbeak	0	1	2	0	1	4	3
Eastern Meadowlark	0	0	0	1	0	1	1
Brown-headed Cowbird	0	2	1	0	2	5	4

Scott's Oriole	1	0	0	2	2	5	4
House Finch	0	0	0	0	2	2	1
House Sparrow	0	0	0	3	0	3	1
Total Species:38	Total ind.:231						
Vehicles	3	2	8	25	9	47	25
Noise	0	0	0	0	0	0	0

Data Review

MARK FLIPPO

Data Review

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

Route Summary Information

Date Route Run: 05/18/2011
Start Time: 06:24 (Actual)
End Time: 10:25 (Actual)
Start Temp: 56 °F (Actual)
End Temp: 85 (Actual)
Start Wind: 0 - Smoke rises vertically [<1 mph, <2 Kph] (Actual)
End Wind: 2 - Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph] (Actual)
Start Sky: 0 - Clear or few clouds (Actual)
End Sky: 0 - Clear or few clouds (Actual)

Questions

- 1. Did you submit these data to the BBS Office via the Internet? Yes
- 2. Do you intend to survey this route next year? (2012) Yes
 Who will replace?
- 3. Did you complete the route? Yes
 How many stops were sampled? 50
- 4. If present, were vehicles recorded? Yes
- 5. Did someone accompany AND assist with the route? No
 Please provide assistant's name.
- 6. Did your assistant record the species data?
- 7. Were you the assigned observer for the route? In other words, is your name printed on the data sheet? Yes
- 8. Were you paid or otherwise compensated by your employer to survey this route? Yes
- 9. Please indicate the number of hours you and any assistants' contribute to the completion of this route. Include time spent on scouting, data collection, data submission, and data review. Round to nearest hour. Obs. - 8
Asst. - 0

Address Corrections

Is your mailing address, telephone, and e-mail information correct? Yes

Last Name: FLIPPO	First Name: MARK
MI: R	NickName:
Address Line1: PO BOX 99	Address Line2:
City: Terlingua	State/Prov/Terr: Texas #83
Zip / Postal Code: 79852	Country: United States
Phone (Day): 432- 477- 1110	Phone (Evening):
Ext:	Ext:
Email 1: MARK_R_FLIPPO@NPS.GOV	Email 2:

Species	1	2	3	4	5	
Mourning Dove	1	1	2	3	3	Common Breeder
Great Horned Owl				1		Common Breeder
Lesser Nighthawk		2	1	2		Common Breeder
Say's Phoebe	1					Common Breeder
Ash-throated Flycatcher	1				1	Common Breeder
Cactus Wren			2		2	Common Breeder
Rock Wren	3	1				Common Breeder

Northern Mockingbird					1	Common Breeder
Canyon Towhee					1	Common Breeder
Pyrrhuloxia					1	Common Breeder

Number of Vehicles

Excessive Noise

Species	6	7	8	9	10	
Mourning Dove			1			Common Breeder
Greater Roadrunner					1	Common Breeder
Great Horned Owl		1				Common Breeder
Lesser Nighthawk		1				Common Breeder
Ash-throated Flycatcher		1				Common Breeder
Loggerhead Shrike			1			Common Breeder
Barn Swallow					2	Common Breeder
Verdin			1			Common Breeder
Cactus Wren		2			1	Common Breeder
Northern Mockingbird				1	1	Common Breeder
Black-throated Sparrow			1		2	Common Breeder
Pyrrhuloxia			2		1	Common Breeder
Scott's Oriole					1	Common Breeder
Wilson's Warbler					1	Non-Breeder

Number of Vehicles

Excessive Noise

Species	11	12	13	14	15	
Ash-throated Flycatcher					1	Common Breeder
Loggerhead Shrike					1	Common Breeder
Cactus Wren		3	3	2	2	Common Breeder
Northern Mockingbird		1	1			Common Breeder
Black-throated Sparrow			2	1	1	Common Breeder
Wilson's Warbler				1		Non-Breeder

Number of Vehicles

Excessive Noise

Species	16	17	18	19	20	
Scaled Quail		1	2		1	Common Breeder
Mourning Dove		3		1		Common Breeder
Greater Roadrunner					1	Common Breeder
Ash-throated Flycatcher				1		Common Breeder
Common Raven		2				Common Breeder
Cactus Wren		2	3	3	1	Common Breeder
Northern Mockingbird				1		Common Breeder
Black-throated Sparrow		2		5	1	Common Breeder
Pyrrhuloxia			2			Common Breeder
Blue Grosbeak			1			Common Breeder
Brown-headed Cowbird					2	Common Breeder

Number of Vehicles

Excessive Noise

Species	21	22	23	24	25	
Scaled Quail		3		2		Common Breeder
Black-chinned Hummingbird					1	Common Breeder
Ash-throated Flycatcher		1			1	Common Breeder
Cassin's Kingbird				2		Common Breeder
Verdin		1				Common Breeder
Cactus Wren		3			1	Common Breeder
Curve-billed Thrasher					1	Common Breeder

Black-throated Sparrow	4	1			Common Breeder
Lark Bunting	1				Common Breeder
Pyrrhuloxia				1	Common Breeder
Yellow-rumped Warbler (unid. Myrtle/Audubon's)			1		Non-Breeder
Wilson's Warbler				1	Non-Breeder
Chipping Sparrow	1				Non-Breeder
Number of Vehicles	1	1	2	1	

Excessive Noise

Species	26	27	28	29	30	
Turkey Vulture				1	2	Common Breeder
Red-tailed Hawk					1	Common Breeder
Greater Roadrunner					1	Common Breeder
Ash-throated Flycatcher			1		1	Common Breeder
Cactus Wren			1	1	1	Common Breeder
Northern Mockingbird	1			1		Common Breeder
Blue Grosbeak				2		Common Breeder
Brown-headed Cowbird		1				Common Breeder
Western Wood-Pewee			1			Non-Breeder
House Wren		1				Non-Breeder
Wilson's Warbler		1			1	Non-Breeder
Number of Vehicles		1		2		

Excessive Noise

Species	31	32	33	34	35	
Scaled Quail		1				Common Breeder
Turkey Vulture	2			1		Common Breeder
Cassin's Kingbird					2	Common Breeder
Cactus Wren			1	2		Common Breeder
Northern Mockingbird					1	Common Breeder
Black-throated Sparrow	1		1			Common Breeder
Pyrrhuloxia	1					Common Breeder
Eastern Meadowlark			1			Common Breeder
Scott's Oriole		2				Common Breeder
House Sparrow				3		Common Breeder
Wilson's Warbler	1					Non-Breeder
Number of Vehicles	5	1	1	2	8	

Excessive Noise

Species	36	37	38	39	40	
Scaled Quail		2				Common Breeder
Turkey Vulture				1		Common Breeder
Ash-throated Flycatcher			1			Common Breeder
Cassin's Kingbird		1				Common Breeder
Verdin		1				Common Breeder
Cactus Wren				1		Common Breeder
Northern Mockingbird	1		1			Common Breeder
Black-throated Sparrow	2					Common Breeder
Western Wood-Pewee					1	Non-Breeder
Yellow-rumped Warbler (Myrtle Warbler)		1				Non-Breeder
Yellow-rumped Warbler (unid. Myrtle/Audubon's)	1					Non-Breeder
Wilson's Warbler				1		Non-Breeder
Number of Vehicles	1	1	2	4		

Excessive Noise

Species	41	42	43	44	45	
Turkey Vulture			4			Common Breeder

unid. Empidonax Flycatcher	1				Common Breeder
Bell's Vireo	1				Common Breeder
Cactus Wren			1		Common Breeder
Black-throated Sparrow				1	Common Breeder
Pyrrhuloxia			1	1	Common Breeder
Brown-headed Cowbird	1				Common Breeder
Scott's Oriole				1	Common Breeder
House Finch		2			Common Breeder
Yellow-rumped Warbler (Audubon's Warbler)				1	Non-Breeder
Wilson's Warbler				1	Non-Breeder
Number of Vehicles		2	1	1	2
Excessive Noise	<input type="checkbox"/>				

Species	46	47	48	49	50	
Scaled Quail					2	Common Breeder
Turkey Vulture			1			Common Breeder
Bell's Vireo				1	1	Common Breeder
Verdin				2		Common Breeder
Cactus Wren		1	1			Common Breeder
Northern Mockingbird	1	1	1		1	Common Breeder
Black-throated Sparrow		2	1			Common Breeder
Pyrrhuloxia			1			Common Breeder
Blue Grosbeak	1					Common Breeder
Brown-headed Cowbird				1		Common Breeder
Scott's Oriole		1				Common Breeder
Wilson's Warbler		1		1		Non-Breeder
Number of Vehicles	2			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:
 The Big Bend region is experiencing exceptional drought conditions (the driest since 1895) with virtually no measurable precipitation since mid-September, 2010. Habitat conditions are extremely poor with food and available water resources so reduced as to inhibit most avian species from coming into breeding condition. Songs and calls were significantly reduced this season, forcing the observer to rely almost entirely on visual location. As a consequence, survey results for total individuals are well below average.

Stories from the field:

Other issues requiring staff assistance:

2011 N.A. Breeding Bird Survey Data Form, UNITED STATES

Please complete numbered items below after surveying route.

Observer #

F 0 1 7 1

is currently assigned to BBS route

8 3 - 0 8 2 HOT SPRINGS

VALID SURVEY DATES AND START TIME

Survey route on or between these dates.

Start date (mm/dd) 5 / 7

End date (mm/dd) 6 / 30

Official Start Time 0624

ROUTE SUMMARY INFORMATION

Complete steps 1-14.

1. Date Route Run (mm/dd/yyyy)

05 / 18 / 2011

2. Start time (hh:mm)

06 : 24

End time

10 : 25

3. Start temp

056

End temp

85

Celsius Fahrenheit

4. Start wind

0 1 2 3 4 5
● ○ ○ ○ ○ ○

End wind

0 1 2 3 4 5
○ ○ ● ○ ○ ○

5. Start sky

0 1 2 4 5 7 8
● ○ ○ ○ ○ ○ ○ ○

End sky

0 1 2 4 5 7 8
● ○ ○ ○ ○ ○ ○ ○

It is important to record time and weather data in the field when you collect your bird data. If you have estimated a value after the fact however, it is important that you make note of that below.

Check only those boxes corresponding to values that you did not measure or record in the field.

Date	StartTime	StartTemp	StartWind	StartSky
<input type="checkbox"/>				
	EndTime	EndTemp	EndWind	EndSky
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OBSERVER & ROUTE MANAGEMENT INFORMATION

6. Were these data submitted via the Internet? Y N

7. Do you intend to survey the route next year? Y N

If not participating further, please use the comment form to indicate why, and if possible, provide the name and contact information of a potential replacement.

8. Did you complete the route? Y N

8a. If no to 8, indicate how many stops were sampled (0-49).

9. Were number of passing vehicles recorded during count? Y N

10. Did someone assist with your route? If yes, please provide assistant's first and last name in box below.

10a. If yes to 10, did your assistant record the data? Y N

11. Does your name appear in the assigned observer box below? If no, please complete page 2. Y N

12. Is your contact information below correct? If no, please provide correct information on reverse side. Y N

13. Were you paid or otherwise compensated by your employer to survey this route? Y N

14. Please indicate the number of hours you and any assistants contributed to the completion of this route. Include total time spent on scouting trip, data collection, travel to and from route, data submission, and data review. Write numbers in boxes and fill in corresponding circles. Please round to nearest whole hour.

Observer's Hours	Assistants' Hours
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9

Contact Information Corrections:

Please make all necessary corrections to contact information on reverse side.

4 3 2 / 4 7 7 - 1 1 1 0

MARK_R_FLIPPO@NPS.GOV

Birth (MMDD):

Office use only

840 2011

Assigned BBS observer:

MARK R FLIPPO

PO BOX 99

Terlingua

TX 79852

United States

PAPERWORK REDUCTION ACT STATEMENT: A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control Number. Public burden for the collection of this information is estimated to average eleven hours per response. Comments regarding this collection of information should be directed to the Bureau Clearance Officer, U.S. Geological Survey, 807 National Center, Virginia 20192. OMB NO. 1028-0079 Expiration Date: 7/31/2012

RPID

3121

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SCAN FORM Page 1

8927165794

Official

Start Time:

0624

(required)
Temp Wind Sky

56 0 0

Country Code Route name

840

HOT SPRINGS

Route Number

83082

Date (mm/dd/yyyy)

05 / 18 / 2011

Mileage/time(optional):

Observer's Name:

Mark Flippo

Stops

Stops

Species	AOU	1	2	3	4	5	Species	AOU	1	2	3	4	5
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030			1		
Killdeer	02730						Curve-billed Thrasher	07070					
Eur Collared-Dove	22860						Crissal Thrasher	07120					
White-winged Dove	03190						Yellow-breasted Chat	06830					
Mourning Dove	03160	1	1	2	3	3	Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910		1			
Great Horned Owl	03750				1		Cassin's Sparrow	05780					
Elf Owl	03810						Ruf-crowned Sparrow	05800					
Lesser Nighthawk	04210		2	1	2		Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730					
Common Poorwill	04180						Lark Bunting	06050					
White-throated Swift	04250						Northern Cardinal	05930					
Lucifer Hummingbird	04370						Pyrrhuloxia	05940		1			
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960					
Ladder-back Woodprk	03960						Blue Grosbeak	05970					
unid Empid Flycatcher	04679						Varied Bunting	06000					
Say's Phoebe	04570	1					Painted Bunting	06010					
Vermilion Flycatcher	04710						Eastern Meadowlark	05010					
Ash-throat Flycatcher	04540	1				1	Western Meadowlark	05011					
Cassin's Kingbird	04480						Bronzed Cowbird	04960					
Western Kingbird	04470						Bm-headed Cowbird	04950					
unid Kingbird	04447						Scott's Oriole	05040					
Loggerhead Shrike	06220						House Finch	05190					
Bell's Vireo	06330						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						House Sparrow	06882					
Common Raven	04860						NBr						
Violet-Green Swallow	06150						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Barn Swallow	06130						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130			2		2	<input type="checkbox"/>						
Rock Wren	07150	3	1				<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3121

VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101



SCAN FORM Page 3

4513165791

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp	Wind	Sky

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		6	7	8	9	10			6	7	8	9	10
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030			1	1	1
Killdeer	02730						Curve-billed Thrasher	07070					
Eur Collared-Dove	22860						Crissal Thrasher	07120					
White-winged Dove	03190						Yellow-breasted Chat	06830					
Mourning Dove	03160		1				Summer Tanager	06100					
Greater Roadrunner	03850				1		Canyon Towhee	05910					
Great Horned Owl	03750	1					Cassin's Sparrow	05780					
Elf Owl	03810						Ruf-crowned Sparrow	05800					
Lesser Nighthawk	04210	1					Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730		1			2
Common Poorwill	04180						Lark Bunting	06050					
White-throated Swift	04250						Northern Cardinal	05930					
Lucifer Hummingbird	04370						Pyrrhuloxia	05940		2		1	1
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960					
Ladder-back Woodpkr	03960						Blue Grosbeak	05970					
unid Empid Flycatcher	04679						Varied Bunting	06000					
Say's Phoebe	04570						Painted Bunting	06010					
Vermilion Flycatcher	04710						Eastern Meadowlark	05010					
Ash-throat Flycatcher	04540	1					Western Meadowlark	05011					
Cassin's Kingbird	04480						Bronzed Cowbird	04960					
Western Kingbird	04470						Brn-headed Cowbird	04950					
unid Kingbird	04447						Scott's Oriole	05040				1	
Loggerhead Shrike	06220		1				House Finch	05190					
Bell's Vireo	06330						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						House Sparrow	06882					
Common Raven	04860						<input checked="" type="checkbox"/> Wilson's warbler					1	
Violet-Green Swallow	06150						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Barn Swallow	06130					2	<input type="checkbox"/>						
Verdin	07460		1				<input type="checkbox"/>						
Cactus Wren	07130	2			1		<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

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VEHICLES

2 1 0 0 0

Excessive Noise:

0 0 0 0 0

Check box if non-breeder.

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SCAN FORM Page 4

9242165795

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp	Wind	Sky
60	0	0

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		11	12	13	14	15			11	12	13	14	15
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030	1	1			
Killdeer	02730						Curve-billed Thrasher	07070					
Eur Collared-Dove	22860						Crissal Thrasher	07120					
White-winged Dove	03190						Yellow-breasted Chat	06830					
Mourning Dove	03160						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Great Horned Owl	03750						Cassin's Sparrow	05780					
Elf Owl	03810						Ruf-crowned Sparrow	05800					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730		2	1	1	1
Common Poorwill	04180						Lark Bunting	06050					
White-throated Swift	04250						Northern Cardinal	05930					
Lucifer Hummingbird	04370						Pyrrhuloxia	05940					
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960					
Ladder-back Woodpkr	03960						Blue Grosbeak	05970					
unid Empid Flycatcher	04679						Varied Bunting	06000					
Say's Phoebe	04570						Painted Bunting	06010					
Vermilion Flycatcher	04710						Eastern Meadowlark	05010					
Ash-throat Flycatcher	04540				1		Western Meadowlark	05011					
Cassin's Kingbird	04480						Bronzed Cowbird	04960					
Western Kingbird	04470						Brn-headed Cowbird	04950					
unid Kingbird	04447						Scott's Oriole	05040					
Loggerhead Shrike	06220				1		House Finch	05190					
Bell's Vireo	06330						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						House Sparrow	06882					
Common Raven	04860						<input checked="" type="checkbox"/> Wilson's warbler			1			
Violet-Green Swallow	06150						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Barn Swallow	06130						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130	3	3	2	2	2	<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

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VEHICLES

Excessive Noise:

Check box if non-breeder.

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SCAN FORM Page 5

4642165794

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp Wind Sky

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops					
		16	17	18	19	20			16	17	18	19	20	
Scaled Quail	02930	1	2		1		Bewick's Wren	07190						
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510						
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520						
Red-tailed Hawk	03370						Northern Mockingbird	07030		1				
Killdeer	02730						Curve-billed Thrasher	07070						
Eur Collared-Dove	22860						Crissal Thrasher	07120						
White-winged Dove	03190						Yellow-breasted Chat	06830						
Mourning Dove	03160	3		1			Summer Tanager	06100						
Greater Roadrunner	03850				1		Canyon Towhee	05910						
Great Horned Owl	03750						Cassin's Sparrow	05780						
Elf Owl	03810						Ruf-crowned Sparrow	05800						
Lesser Nighthawk	04210						Lark Sparrow	05520						
Common Nighthawk	04200						Blk-throated Sparrow	05730	2		5	1		
Common Poorwill	04180						Lark Bunting	06050						
White-throated Swift	04250						Northern Cardinal	05930						
Lucifer Hummingbird	04370						Pyrrhuloxia	05940		2			1	
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960						
Ladder-back Woodprkr	03960						Blue Grosbeak	05970		1				
unid Empid Flycatcher	04679						Varied Bunting	06000						
Say's Phoebe	04570						Painted Bunting	06010						
Vermillion Flycatcher	04710						Eastern Meadowlark	05010						
Ash-throat Flycatcher	04540			1			Western Meadowlark	05011						
Cassin's Kingbird	04480						Bronzed Cowbird	04960						
Western Kingbird	04470						Brn-headed Cowbird	04950						2
unid Kingbird	04447						Scott's Oriole	05040						
Loggerhead Shrike	06220						House Finch	05190						
Bell's Vireo	06330						Lesser Goldfinch	05300						
Chihuahuan Raven	04870						House Sparrow	06882						
Common Raven	04860	2					NBr							
Violet-Green Swallow	06150						<input type="checkbox"/>							
N Rgh-wing Swallow	06170						<input type="checkbox"/>							
Cliff Swallow	06120						<input type="checkbox"/>							
Barn Swallow	06130						<input type="checkbox"/>							
Verdin	07460						<input type="checkbox"/>							
Cactus Wren	07130	2	3	3	1		<input type="checkbox"/>							
Rock Wren	07150						<input type="checkbox"/>							
Canyon Wren	07170						<input type="checkbox"/>							

3121

VEHICLES

Excessive Noise:

Check box if non-breeder.

101



SCAN FORM Page 6

6687165795

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp Wind Sky
69 0 0

Mileage/time(optional):

--	--	--	--	--

Stops

Stops

Species	AOU	Stops					Species	AOU	Stops				
		21	22	23	24	25			21	22	23	24	25
Scaled Quail	02930	3		2			Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030					
Killdeer	02730						Curve-billed Thrasher	07070				1	
Eur Collared-Dove	22860						Crissal Thrasher	07120					
White-winged Dove	03190						Yellow-breasted Chat	06830					
Mourning Dove	03160						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Great Horned Owl	03750						Cassin's Sparrow	05780					
Elf Owl	03810						Ruf-crowned Sparrow	05800					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730		4		1	
Common Poorwill	04180						Lark Bunting	06050		1			
White-throated Swift	04250						Northern Cardinal	05930					
Lucifer Hummingbird	04370						Pyrrhuloxia	05940					1
Blk-chin Hummingbird	04290					1	Blk-headed Grosbeak	05960					
Ladder-back Woodpkr	03960						Blue Grosbeak	05970					
unid Empid Flycatcher	04679						Varied Bunting	06000					
Say's Phoebe	04570						Painted Bunting	06010					
Vermilion Flycatcher	04710						Eastern Meadowlark	05010					
Ash-throat Flycatcher	04540	1			1		Western Meadowlark	05011					
Cassin's Kingbird	04480			2			Bronzed Cowbird	04960					
Western Kingbird	04470						Brn-headed Cowbird	04950					
unid Kingbird	04447						Scott's Oriole	05040					
Loggerhead Shrike	06220						House Finch	05190					
Bell's Vireo	06330						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						House Sparrow	06882					
Common Raven	04860						<input checked="" type="checkbox"/> Chipping sparrow			1			
Violet-Green Swallow	06150						<input checked="" type="checkbox"/> yellow-rumped warb				1		
N Rgh-wing Swallow	06170						<input checked="" type="checkbox"/> Wilson's warbler					1	
Cliff Swallow	06120						<input type="checkbox"/>						
Barn Swallow	06130						<input type="checkbox"/>						
Verdin	07460	1					<input type="checkbox"/>						
Cactus Wren	07130	3			1	1	<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3121

VEHICLES

1	1	2	1	
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Excessive Noise: 0 0 0 0 0

Check box if non-breeder.

101



5643165796

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp Wind Sky

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops					
		26	27	28	29	30			26	27	28	29	30	
Scaled Quail	02930						Bewick's Wren	07190						
Turkey Vulture	03250				1	2	Blue-gry Gnatcatcher	07510						
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520						
Red-tailed Hawk	03370					1	Northern Mockingbird	07030	1				1	
Killdeer	02730						Curve-billed Thrasher	07070						
Eur Collared-Dove	22860						Crissal Thrasher	07120						
White-winged Dove	03190						Yellow-breasted Chat	06830						
Mourning Dove	03160						Summer Tanager	06100						
Greater Roadrunner	03850					1	Canyon Towhee	05910						
Great Horned Owl	03750						Cassin's Sparrow	05780						
Elf Owl	03810						Ruf-crowned Sparrow	05800						
Lesser Nighthawk	04210						Lark Sparrow	05520						
Common Nighthawk	04200						Blk-throated Sparrow	05730						
Common Poorwill	04180						Lark Bunting	06050						
White-throated Swift	04250						Northern Cardinal	05930						
Lucifer Hummingbird	04370						Pyrrhuloxia	05940						
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960						
Ladder-back Woodpkr	03960						Blue Grosbeak	05970					2	
unid Empid Flycatcher	04679						Varied Bunting	06000						
Say's Phoebe	04570						Painted Bunting	06010						
Vermilion Flycatcher	04710						Eastern Meadowlark	05010						
Ash-throat Flycatcher	04540			1		1	Western Meadowlark	05011						
Cassin's Kingbird	04480						Bronzed Cowbird	04960						
Western Kingbird	04470						Brn-headed Cowbird	04950		1				
unid Kingbird	04447						Scott's Oriole	05040						
Loggerhead Shrike	06220						House Finch	05190						
Bell's Vireo	06330						Lesser Goldfinch	05300						
Chihuahuan Raven	04870						House Sparrow	06882						
Common Raven	04860						NB: <input checked="" type="checkbox"/> house wren					1		
Violet-Green Swallow	06150						<input checked="" type="checkbox"/> Wilson's warbler					1		1
N Rgh-wing Swallow	06170						<input checked="" type="checkbox"/> west. wood pewee					1		
Cliff Swallow	06120						<input type="checkbox"/>							
Barn Swallow	06130						<input type="checkbox"/>							
Verdin	07460						<input type="checkbox"/>							
Cactus Wren	07130			1	1	1	<input type="checkbox"/>							
Rock Wren	07150						<input type="checkbox"/>							
Canyon Wren	07170						<input type="checkbox"/>							

3121

VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

1

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Check box if non-breeder.

101



SCAN FORM Page 8

5953165790

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp Wind Sky
73 1 0

Mileage/time(optional):

Stops				
31	32	33	34	35

Stops				
31	32	33	34	35

Species	AOU	31	32	33	34	35	Species	AOU	31	32	33	34	35
Scaled Quail	02930		1				Bewick's Wren	07190					
Turkey Vulture	03250	2			1		Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030					1
Killdeer	02730						Curve-billed Thrasher	07070					
Eur Collared-Dove	22860						Crissal Thrasher	07120					
White-winged Dove	03190						Yellow-breasted Chat	06830					
Mourning Dove	03160						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Great Horned Owl	03750						Cassin's Sparrow	05780					
Elf Owl	03810						Ruf-crowned Sparrow	05800					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	1		1		
Common Poorwill	04180						Lark Bunting	06050					
White-throated Swift	04250						Northern Cardinal	05930					
Lucifer Hummingbird	04370						Pyrrhuloxia	05940	1				
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960					
Ladder-back Woodpkr	03960						Blue Grosbeak	05970					
unid Empid Flycatcher	04679						Varied Bunting	06000					
Say's Phoebe	04570						Painted Bunting	06010					
Vermilion Flycatcher	04710						Eastern Meadowlark	05010			1		
Ash-throat Flycatcher	04540						Western Meadowlark	05011					
Cassin's Kingbird	04480					2	Bronzed Cowbird	04960					
Western Kingbird	04470						Brn-headed Cowbird	04950					
unid Kingbird	04447						Scott's Oriole	05040		2			
Loggerhead Shrike	06220						House Finch	05190					
Bell's Vireo	06330						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						House Sparrow	06882				3	
Common Raven	04860						<input checked="" type="checkbox"/> Wilson's Warbler		1				
Violet-Green Swallow	06150						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Barn Swallow	06130						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130			1	2		<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3121

VEHICLES

5 1 1 2 8

Excessive Noise:

0 0 0 0 0

Check box if non-breeder.

101



SCAN FORM Page 9

0833165792

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp	Wind	Sky

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		36	37	38	39	40			36	37	38	39	40
Scaled Quail	02930		2				Bewick's Wren	07190					
Turkey Vulture	03250				1		Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030	1		1		
Killdeer	02730						Curve-billed Thrasher	07070					
Eur Collared-Dove	22860						Crissal Thrasher	07120					
White-winged Dove	03190						Yellow-breasted Chat	06830					
Mourning Dove	03160						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Great Horned Owl	03750						Cassin's Sparrow	05780					
Elf Owl	03810						Ruf-crowned Sparrow	05800					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	2				
Common Poorwill	04180						Lark Bunting	06050					
White-throated Swift	04250						Northern Cardinal	05930					
Lucifer Hummingbird	04370						Pyrrhuloxia	05940					
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960					
Ladder-back Woodpkr	03960						Blue Grosbeak	05970					
unid Empid Flycatcher	04679						Varied Bunting	06000					
Say's Phoebe	04570						Painted Bunting	06010					
Vermillion Flycatcher	04710						Eastern Meadowlark	05010					
Ash-throat Flycatcher	04540			1			Western Meadowlark	05011					
Cassin's Kingbird	04480		1				Bronzed Cowbird	04960					
Western Kingbird	04470						Brn-headed Cowbird	04950					
unid Kingbird	04447						Scott's Oriole	05040					
Loggerhead Shrike	06220						House Finch	05190					
Bell's Vireo	06330						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						House Sparrow	06882					
Common Raven	04860						NBr: <input checked="" type="checkbox"/> yellow-rumped warb		1	1			
Violet-Green Swallow	06150						<input checked="" type="checkbox"/> Wilson's warbler				1		
N Rgh-wing Swallow	06170						<input checked="" type="checkbox"/> West. wood-pewee					1	
Cliff Swallow	06120						<input type="checkbox"/>						
Barn Swallow	06130						<input type="checkbox"/>						
Verdin	07460		1				<input type="checkbox"/>						
Cactus Wren	07130				1		<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3121

VEHICLES

Excessive Noise:

Check box if non-breeder.

.101



SCAN FORM Page 10

7574165791

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp	Wind	Sky
80	2	0

Mileage/time(optional):

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Species	AOU	Stops					Species	AOU	Stops				
		41	42	43	44	45			41	42	43	44	45
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250			4			Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030					
Killdeer	02730						Curve-billed Thrasher	07070					
Eur Collared-Dove	22860						Crissal Thrasher	07120					
White-winged Dove	03190						Yellow-breasted Chat	06830					
Mourning Dove	03160						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Great Horned Owl	03750						Cassin's Sparrow	05780					
Elf Owl	03810						Ruf-crowned Sparrow	05800					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730					1
Common Poorwill	04180						Lark Bunting	06050					
White-throated Swift	04250						Northern Cardinal	05930					
Lucifer Hummingbird	04370						Pyrrhuloxia	05940				1	1
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960					
Ladder-back Woodpkr	03960						Blue Grosbeak	05970					
unid Empid Flycatcher	04679	1					Varied Bunting	06000					
Say's Phoebe	04570						Painted Bunting	06010					
Vermilion Flycatcher	04710						Eastern Meadowlark	05010					
Ash-throat Flycatcher	04540						Western Meadowlark	05011					
Cassin's Kingbird	04480						Bronzed Cowbird	04960					
Western Kingbird	04470						Brn-headed Cowbird	04950	1				
unid Kingbird	04447						Scott's Oriole	05040					1
Loggerhead Shrike	06220						House Finch	05190		2			
Bell's Vireo	06330	1					Lesser Goldfinch	05300					
Chihuahuan Raven	04870						House Sparrow	06882					
Common Raven	04860						NBr						
Violet-Green Swallow	06150						<input checked="" type="checkbox"/> Yellow-rumped warb					1	
N Rgh-wing Swallow	06170						<input checked="" type="checkbox"/> Wilson's warbler						1
Cliff Swallow	06120						<input type="checkbox"/>						
Barn Swallow	06130						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130						<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3121

VEHICLES

Excessive Noise:

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Check box if non-breeder.

101



SCAN FORM

Page 11

8854165793

Country Code	Route Number	Route Name	Year
840	83082	HOT SPRINGS	2011

Temp	Wind	Sky

Mileage/time(optional):	End Time:	(required) Temp Wind Sky
	10:25	85 2 0

Species	AOU	Stops					Species	AOU	Stops					
		46	47	48	49	50			46	47	48	49	50	
Scaled Quail	02930					2	Bewick's Wren	07190						
Turkey Vulture	03250		1				Blue-gry Gnatcatcher	07510						
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520						
Red-tailed Hawk	03370						Northern Mockingbird	07030	1	1	1		1	
Killdeer	02730						Curve-billed Thrasher	07070						
Eur Collared-Dove	22860						Crissal Thrasher	07120						
White-winged Dove	03190						Yellow-breasted Chat	06830						
Mourning Dove	03160						Summer Tanager	06100						
Greater Roadrunner	03850						Canyon Towhee	05910						
Great Horned Owl	03750						Cassin's Sparrow	05780						
Elf Owl	03810						Ruf-crowned Sparrow	05800						
Lesser Nighthawk	04210						Lark Sparrow	05520						
Common Nighthawk	04200						Blk-throated Sparrow	05730		2	1			
Common Poorwill	04180						Lark Bunting	06050						
White-throated Swift	04250						Northern Cardinal	05930						
Lucifer Hummingbird	04370						Pyrrhuloxia	05940			1			
Blk-chin Hummingbird	04290						Blk-headed Grosbeak	05960						
Ladder-back Woodpr	03960						Blue Grosbeak	05970	1					
unid Empid Flycatcher	04679						Varied Bunting	06000						
Say's Phoebe	04570						Painted Bunting	06010						
Vermillion Flycatcher	04710						Eastern Meadowlark	05010						
Ash-throat Flycatcher	04540						Western Meadowlark	05011						
Cassin's Kingbird	04480						Bronzed Cowbird	04960						
Western Kingbird	04470						Brn-headed Cowbird	04950					1	
unid Kingbird	04447						Scott's Oriole	05040		1				
Loggerhead Shrike	06220						House Finch	05190						
Bell's Vireo	06330				1	1	Lesser Goldfinch	05300						
Chihuahuan Raven	04870						House Sparrow	06882						
Common Raven	04860						<input checked="" type="checkbox"/> Wilson's warbler			1			1	
Violet-Green Swallow	06150						<input type="checkbox"/>							
N Rgh-wing Swallow	06170						<input type="checkbox"/>							
Cliff Swallow	06120						<input type="checkbox"/>							
Barn Swallow	06130						<input type="checkbox"/>							
Verdin	07460					2	<input type="checkbox"/>							
Cactus Wren	07130		1	1			<input type="checkbox"/>							
Rock Wren	07150						<input type="checkbox"/>							
Canyon Wren	07170						<input type="checkbox"/>							

3121 **VEHICLES** 2 0 0 1 0
 Excessive Noise: 0 0 0 0 0

Check box if non-breeder. 101



Route Summary

MARK FLIPPO

Route Summary

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

Route Summary Information

Date Route Run: 05/19/2011
Start Time: 06:24
End Time: 10:28
Start Temp: 66 °F
End Temp: 90
Start Wind: 1-Wind direction shown by smoke drift [1-3 mph, 2-5 Kph]
End Wind: 3-Leaves, small twigs in constant motion [8-12 mph, 13-19 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	1	0	0	0	1	1
Turkey Vulture	1	0	0	1	0	2	2
Mourning Dove	0	0	0	1	0	1	1
Greater Roadrunner	0	1	0	0	0	1	1
Common Poorwill	2	0	0	0	0	2	1
Lucifer Hummingbird	1	0	0	0	0	1	1
Black-chinned Hummingbird	2	0	0	0	0	2	1
Acorn Woodpecker	2	0	0	0	0	2	1
Ladder-backed Woodpecker	1	0	0	0	0	1	1
Say's Phoebe	2	0	0	1	0	3	3
Ash-throated Flycatcher	2	3	1	3	1	10	9
Bell's Vireo	0	0	2	2	2	6	4
Mexican Jay	1	0	0	0	0	1	1
Black-crested Titmouse	4	0	0	0	0	4	3
Verdin	0	3	4	1	1	9	7
Cactus Wren	2	9	2	1	2	16	12
Canyon Wren	1	0	0	0	0	1	1
Blue-gray Gnatcatcher	1	0	0	0	0	1	1
Black-tailed Gnatcatcher	0	1	0	0	0	1	1
Northern Mockingbird	3	3	0	0	2	8	6
Curve-billed Thrasher	0	0	0	0	1	1	1
Crissal Thrasher	0	0	1	0	0	1	1
Yellow-rumped Warbler (unid. Myrtle/Audubon's)	0	1	0	0	0	1	1
Common Yellowthroat	0	1	0	0	0	1	1
Wilson's Warbler	0	1	1	1	1	4	4
Hepatic Tanager	3	0	0	0	0	3	2
Western Tanager	1	0	0	0	0	1	1
Spotted Towhee	3	0	0	0	0	3	3
Canyon Towhee	5	2	0	0	0	7	6
Rufous-crowned Sparrow	7	1	0	0	0	8	5
Black-chinned Sparrow	2	0	0	0	0	2	1
Vesper Sparrow	0	0	1	0	0	1	1
Lark Sparrow	0	0	0	0	1	1	1
Black-throated Sparrow	0	5	0	1	3	9	5
White-crowned Sparrow	0	0	2	0	0	2	1

Pyrrhuloxia	0	3	2	1	0	6	6
Black-headed Grosbeak	1	0	0	0	0	1	1
Blue Grosbeak	3	4	2	3	0	12	9
Varied Bunting	1	0	0	0	0	1	1
Brown-headed Cowbird	1	0	0	4	3	8	5
Scott's Oriole	6	5	0	0	0	11	8
House Finch	0	1	0	2	10	13	8
Total Species:42	Total ind.:170						
Vehicles	10	6	13	9	5	43	28
Noise	0	0	0	0	0	0	0

Data Review

MARK FLIPPO

Data Review

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

Route Summary Information

Date Route Run: 05/19/2011
Start Time: 06:24 (Actual)
End Time: 10:28 (Actual)
Start Temp: 66 °F (Actual)
End Temp: 90 (Actual)
Start Wind: 1 - Wind direction shown by smoke drift [1-3 mph, 2-5 Kph] (Actual)
End Wind: 3 - Leaves, small twigs in constant motion [8-12 mph, 13-19 Kph] (Actual)
Start Sky: 0 - Clear or few clouds (Actual)
End Sky: 0 - Clear or few clouds (Actual)

Questions

- 1. Did you submit these data to the BBS Office via the Internet? Yes
- 2. Do you intend to survey this route next year? (2012) Yes
 Who will replace?
- 3. Did you complete the route? Yes
 How many stops were sampled? 50
- 4. If present, were vehicles recorded? Yes
- 5. Did someone accompany AND assist with the route? No
 Please provide assistant's name.
- 6. Did your assistant record the species data?
- 7. Were you the assigned observer for the route? In other words, is your name printed on the data sheet? Yes
- 8. Were you paid or otherwise compensated by your employer to survey this route? Yes
- 9. Please indicate the number of hours you and any assistants' contribute to the completion of this route. Include time spent on scouting, data collection, data submission, and data review. Round to nearest hour. Obs. - 8
Asst. - 0

Address Corrections

Is your mailing address, telephone, and e-mail information correct? Yes

Last Name: FLIPPO	First Name: MARK
MI: R	NickName:
Address Line1: PO BOX 99	Address Line2:
City: Terlingua	State/Prov/Terr: Texas #83
Zip / Postal Code: 79852	Country: United States
Phone (Day): 432- 477- 1110	Phone (Evening):
Ext:	Ext:
Email 1: MARK_R_FLIPPO@NPS.GOV	Email 2:

Species	1	2	3	4	5	
Common Poorwill		2				Common Breeder
Black-chinned Hummingbird					2	Common Breeder
Acorn Woodpecker			2			Common Breeder
Say's Phoebe		1	1			Common Breeder
Ash-throated Flycatcher			1			Common Breeder
Mexican Jay			1			Common Breeder
Black-crested Titmouse		2	1			Common Breeder

Canyon Wren			1	Common Breeder
Blue-gray Gnatcatcher		1		Common Breeder
Northern Mockingbird		2		Common Breeder
Spotted Towhee			1	Common Breeder
Canyon Towhee	1		2	Common Breeder
Rufous-crowned Sparrow	1			Common Breeder
Black-chinned Sparrow			2	Common Breeder
Black-headed Grosbeak	1			Common Breeder
Blue Grosbeak			1	Common Breeder
Brown-headed Cowbird			1	Common Breeder
Scott's Oriole	1		1	Common Breeder
Lucifer Hummingbird			1	Breeder
Western Tanager			1	Non-Breeder
Number of Vehicles	3		1	1
Excessive Noise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Species	6	7	8	9	10	
Turkey Vulture	1					Common Breeder
Ladder-backed Woodpecker					1	Common Breeder
Ash-throated Flycatcher					1	Common Breeder
Black-crested Titmouse				1		Common Breeder
Cactus Wren		1			1	Common Breeder
Northern Mockingbird					1	Common Breeder
Hepatic Tanager	2			1		Common Breeder
Spotted Towhee	1	1				Common Breeder
Canyon Towhee	1	1				Common Breeder
Rufous-crowned Sparrow			2	2	2	Common Breeder
Blue Grosbeak		1			1	Common Breeder
Varied Bunting					1	Common Breeder
Scott's Oriole		1	2		1	Common Breeder
Number of Vehicles		1	2	1	1	
Excessive Noise	<input type="checkbox"/>					

Species	11	12	13	14	15	
Ash-throated Flycatcher	1	1	1			Common Breeder
Verdin			2			Common Breeder
Cactus Wren	1	2	2			Common Breeder
Northern Mockingbird			2			Common Breeder
Canyon Towhee		1				Common Breeder
Rufous-crowned Sparrow	1					Common Breeder
Black-throated Sparrow				4		Common Breeder
Pyrrhuloxia			1			Common Breeder
Blue Grosbeak			1			Common Breeder
Scott's Oriole		1				Common Breeder
House Finch			1			Common Breeder
Yellow-rumped Warbler (unid. Myrtle/Audubon's)		1				Non-Breeder
Common Yellowthroat					1	Non-Breeder
Number of Vehicles	1		2	2		
Excessive Noise	<input type="checkbox"/>					

Species	16	17	18	19	20	
Scaled Quail		1				Common Breeder
Greater Roadrunner	1					Common Breeder
Verdin			1			Common Breeder
Cactus Wren	3				1	Common Breeder
Black-tailed Gnatcatcher				1		Common Breeder
Northern Mockingbird					1	Common Breeder

Canyon Towhee	1				Common Breeder
Black-throated Sparrow				1	Common Breeder
Pyrrhuloxia	1	1			Common Breeder
Blue Grosbeak	3				Common Breeder
Scott's Oriole	3		1		Common Breeder
Wilson's Warbler			1		Non-Breeder

Number of Vehicles 1
Excessive Noise

Species	21	22	23	24	25	
Bell's Vireo			2			Common Breeder
Verdin	1					Common Breeder
Cactus Wren		1			1	Common Breeder
Crissal Thrasher	1					Common Breeder
Pyrrhuloxia			1		1	Common Breeder
Blue Grosbeak					1	Common Breeder
White-crowned Sparrow		2				Non-Breeder

Number of Vehicles 1 2 2 1
Excessive Noise

Species	26	27	28	29	30	
Ash-throated Flycatcher		1				Common Breeder
Verdin	1		2			Common Breeder
Blue Grosbeak				1		Common Breeder
Wilson's Warbler	1					Non-Breeder
Vesper Sparrow	1					Non-Breeder

Number of Vehicles 3 1
Excessive Noise

Species	31	32	33	34	35	
Turkey Vulture	1					Common Breeder
Mourning Dove		1				Common Breeder
Say's Phoebe	1					Common Breeder
Cactus Wren	1					Common Breeder
Black-throated Sparrow					1	Common Breeder
Blue Grosbeak		1			2	Common Breeder
Brown-headed Cowbird	1					Common Breeder
House Finch	1					Common Breeder
Wilson's Warbler	1					Non-Breeder

Number of Vehicles 1 2 1 1
Excessive Noise

Species	36	37	38	39	40	
Ash-throated Flycatcher		2			1	Common Breeder
Bell's Vireo				2		Common Breeder
Verdin				1		Common Breeder
Pyrrhuloxia		1				Common Breeder
Brown-headed Cowbird	1				2	Common Breeder
House Finch				1		Common Breeder

Number of Vehicles 2 1 1
Excessive Noise

Species	41	42	43	44	45	
Bell's Vireo			1	1		Common Breeder
Verdin					1	Common Breeder
Cactus Wren			1			Common Breeder
Northern Mockingbird				1		Common Breeder

Curve-billed Thrasher	1		Common Breeder
Black-throated Sparrow		2	Common Breeder
Brown-headed Cowbird	3		Common Breeder
House Finch	3	1	Common Breeder
Lark Sparrow	1		Non-Breeder
Number of Vehicles	2		1
Excessive Noise			

Species	46	47	48	49	50	
Ash-throated Flycatcher			1			Common Breeder
Cactus Wren			1			Common Breeder
Northern Mockingbird		1				Common Breeder
Black-throated Sparrow				1		Common Breeder
House Finch		1	2	3		Common Breeder
Wilson's Warbler			1			Non-Breeder
Number of Vehicles				2		
Excessive Noise						

Comments

Breeding birds seen during the survey:

Lucifer hummingbird is an uncommon to fairly common breeding species in Big Bend National Park (late March arrival, nesting May - July, departing late September, early October) occurring in arid desert scrub and sotol grasslands from mid-elevation (~3600') up to about 5600', occasionally higher when the larger agave species are in bloom. The individual observed on the survey was an adult female feeding at a recently bloomed Havard agave (*Agave havardiana*) at 6000' elevation. Comments from researchers in the field this season indicate that the extreme drought conditions prevailing in the region have impacted breeding behavior of Lucifer hummingbird, with no new nests located during surveys in mid-May, as compared to the same time last year when multiple active nests were recorded.

Non-breeding birds seen during the survey:

Temporary route problems:

Permanent route problems:

Route vacancy:

Miscellaneous notes from the field:

The Big Bend region is experiencing exceptional drought conditions (the driest since 1895) with virtually no measurable precipitation since mid-September, 2010. Habitat conditions are extremely poor with food and available water resources so reduced as to inhibit most avian species from coming into breeding condition. Songs and calls were significantly reduced this season, forcing the observer to rely almost entirely on visual location. On this particular survey route, it is not unusual to have several stops where no birds are recorded, usually those that fall on the barren Tornillo Flats. This year nine of the survey stops produced no birds, and an additional 19 stops produced two or fewer species; a dubious record. As a consequence, survey results for total individuals are well below average.

Stories from the field:

Other issues requiring staff assistance:

2011 N.A. Breeding Bird Survey Data Form, UNITED STATES

Please complete numbered items below after surveying route.

Observer # **F 0 1 7 1** is currently assigned to BBS route **8 3** - **9 0 0** **CHISOS BASIN**

VALID SURVEY DATES AND START TIME

Survey route on or between these dates.

Start date (mm/dd) **5 / 7** Official Start Time **0624**

End date (mm/dd) **6 / 30**

OBSERVER & ROUTE MANAGEMENT INFORMATION

6. Were these data submitted via the Internet? Y N

7. Do you intend to survey the route next year? Y N

If not participating further, please use the comment form to indicate why, and if possible, provide the name and contact information of a potential replacement.

ROUTE SUMMARY INFORMATION

Complete steps 1-14.

1. Date Route Run (mm/dd/yyyy)
05 / 19 / 2011

2. Start time (hh:mm) End time
06 : 24 **10 : 28**

3. Start temp End temp Celsius Fahrenheit
066 **90**

4. Start wind End wind
0 1 2 3 4 5 0 1 2 3 4 5

5. Start sky End sky
0 1 2 4 5 7 8 0 1 2 4 5 7 8

8. Did you complete the route? ----- Y N

8a. If no to 8, indicate how many stops were sampled (0-49).

9. Were number of passing vehicles recorded during count? Y N

10. Did someone assist with your route? If yes, please provide assistant's first and last name in box below.

10a. If yes to 10, did your assistant record the data? Y N

11. Does your name appear in the assigned observer box below? If no, please complete page 2. Y N

12. Is your contact information below correct? If no, please provide correct information on reverse side. Y N

13. Were you paid or otherwise compensated by your employer to survey this route? Y N

It is important to record time and weather data in the field when you collect your bird data. If you have estimated a value after the fact however, it is important that you make note of that below.

Check only those boxes corresponding to values that you did not measure or record in the field.

Date	StartTime	StartTemp	StartWind	StartSky
<input type="checkbox"/>				
	EndTime	EndTemp	EndWind	EndSky
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. Please indicate the number of hours you and any assistants contributed to the completion of this route. Include total time spent on scouting trip, data collection, travel to and from route, data submission, and data review. Write numbers in boxes and fill in corresponding circles. Please round to nearest whole hour.

Observer's Hours	Assistants' Hours
08	<input type="text"/>
0 <input checked="" type="radio"/> <input type="radio"/>	0 <input type="radio"/> <input type="radio"/>
1 <input type="radio"/> <input type="radio"/>	1 <input type="radio"/> <input type="radio"/>
2 <input type="radio"/> <input type="radio"/>	2 <input type="radio"/> <input type="radio"/>
3 <input type="radio"/> <input type="radio"/>	3 <input type="radio"/> <input type="radio"/>
4 <input type="radio"/> <input type="radio"/>	4 <input type="radio"/> <input type="radio"/>
5 <input type="radio"/> <input type="radio"/>	5 <input type="radio"/> <input type="radio"/>
6 <input type="radio"/> <input type="radio"/>	6 <input type="radio"/> <input type="radio"/>
7 <input type="radio"/> <input type="radio"/>	7 <input type="radio"/> <input type="radio"/>
8 <input checked="" type="radio"/> <input type="radio"/>	8 <input type="radio"/> <input type="radio"/>
9 <input type="radio"/> <input type="radio"/>	9 <input type="radio"/> <input type="radio"/>

Contact Information Corrections:

Please make all necessary corrections to contact information on reverse side.

4 3 2 / 4 7 7 - 1 1 1 0

MARK_R_FLIPPO@NPS.GOV

Assigned BBS observer:

MARK R FLIPPO

PO BOX 99

Terlingua TX 79852

United States

Birth (MMDD):

Office use only

840 2011

PAPERWORK REDUCTION ACT STATEMENT: A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control Number. Public burden for the collection of this information is estimated to average eleven hours per response. Comments regarding this collection of information should be directed to the Bureau Clearance Officer, U.S. Geological Survey, 807 National Center, Virginia 20192. OMB NO. 1028-0079 Expiration Date: 7/31/2012

RPID 3234

101

SCAN FORM Page 1

8927165794

Official

Start Time:

0624

Actual

Start Time:

0624

(required)
Temp Wind Sky

66 1 0

Country Code Route name

840

CHISOS BASIN

Route Number

83900

Date (mm/dd/yyyy)

05 / 19 / 2011

Mileage/time(optional):

Observer's Name:

Mark Flippo

Stops

Stops

Species	AOU	1	2	3	4	5	Species	AOU	1	2	3	4	5
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510			1		
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030			2		
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180	2					Spotted Towhee	05880					1
White-throated Swift	04250						Canyon Towhee	05910		1		2	
Blk-chin Hummingbird	04290					2	Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800		1			
Acorn Woodpecker	04070			2			Blk-chinned Sparrow	05650				2	
Ladder-back Woodpkr	03960						Blk-throated Sparrow	05730					
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570		1	1			Pyrrhuloxia	05940					
Vermilion Flycatcher	04710						Blk-headed Grosbeak	05960		1			
Ash-throat Flycatcher	04540			1			Blue Grosbeak	05970				1	
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330						Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950				1	
Gray Vireo	06340						Scott's Oriole	05040		1		1	
Hutton's Vireo	06320						House Finch	05190					
Mexican Jay	04820			1			Lesser Goldfinch	05300					
Chihuahuan Raven	04870						NBR <input type="checkbox"/> Lucifer hummingb.						1
Common Raven	04860						<input checked="" type="checkbox"/> Western tanager						1
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320		2	1			<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130						<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170					1	<input type="checkbox"/>						

3234

VEHICLES

3

1

1

Check box if non-breeder.

101



SCAN FORM

Page 3

Excessive Noise: ○ ○ ○ ○ ○

4513165791

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp Wind Sky

--	--	--

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		6	7	8	9	10			6	7	8	9	10
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250	1					Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030					1
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090	2			1	
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880	1	1			
White-throated Swift	04250						Canyon Towhee	05910	1	1			
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800			2	2	2
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodpkr	03960					1	Blk-throated Sparrow	05730					
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570						Pyrrhuloxia	05940					
Vermillion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540					1	Blue Grosbeak	05970		1			1
Cassin's Kingbird	04480						Varied Bunting	06000					1
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330						Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Gray Vireo	06340						Scott's Oriole	05040		1	2		1
Hutton's Vireo	06320						House Finch	05190					
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						NBr						
Common Raven	04860						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320					1	<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130		1			1	<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3234

VEHICLES

Excessive Noise:

Check box if non-breeder.

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SCAN FORM
Page 4

9242165795

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp	Wind	Sky
69	2	0

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		11	12	13	14	15			11	12	13	14	15
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030			2		
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880					
White-throated Swift	04250						Canyon Towhee	05910		1			
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800	1				
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodpkr	03960						Blk-throated Sparrow	05730				4	
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570						Pyrrhuloxia	05940			1		
Vermillion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540	1	1	1			Blue Grosbeak	05970			1		
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330						Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Gray Vireo	06340						Scott's Oriole	05040		1			
Hutton's Vireo	06320						House Finch	05190			1		
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						NBr <input checked="" type="checkbox"/> yellow-rumped warb			1			
Common Raven	04860						<input checked="" type="checkbox"/> common yellow throat						1
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320						<input type="checkbox"/>						
Verdin	07460			2			<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130	1	2	2			<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

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VEHICLES

Excessive Noise:

Check box if non-breeder.

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SCAN FORM Page 5

4642165794

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp Wind Sky

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Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		16	17	18	19	20			16	17	18	19	20
Scaled Quail	02930		1				Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520				1	
Peregrine Falcon	03560						Northern Mockingbird	07030					1
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850	1					Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880					
White-throated Swift	04250						Canyon Towhee	05910	1				
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800					
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodpkr	03960						Blk-throated Sparrow	05730					1
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570						Pyrrhuloxia	05940	1		1		
Vermillion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540						Blue Grosbeak	05970	3				
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330						Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Gray Vireo	06340						Scott's Oriole	05040	3			1	
Hutton's Vireo	06320						House Finch	05190					
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						NBr <input checked="" type="checkbox"/> Wilson's Warbler				1		
Common Raven	04860						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320						<input type="checkbox"/>						
Verdin	07460			1			<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130	3				1	<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

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VEHICLES

Excessive Noise:

Check box if non-breeder.

101



SCAN FORM
Page 6

6687165795

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp	Wind	Sky
71	0	0

Mileage/time(optional):

Stops				
21	22	23	24	25

Species	AOU	Stops					Species	AOU	Stops				
		21	22	23	24	25			21	22	23	24	25
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030					
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120	1				
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880					
White-throated Swift	04250						Canyon Towhee	05910					
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800					
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodpkr	03960						Blk-throated Sparrow	05730					
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570						Pyrrhuloxia	05940			1		1
Vermilion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540						Blue Grosbeak	05970					1
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330			2			Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Gray Vireo	06340						Scott's Oriole	05040					
Hutton's Vireo	06320						House Finch	05190					
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						NBr						
Common Raven	04860						<input checked="" type="checkbox"/> White-crowned spw				2		
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320						<input type="checkbox"/>						
Verdin	07460	1					<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130		1			1	<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3234

VEHICLES

1	2	2	1	0
---	---	---	---	---

Excessive Noise:

0	0	0	0	0
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Check box if non-breeder

101



SCAN FORM Page 7

5643165796

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp Wind Sky

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		26	27	28	29	30			26	27	28	29	30
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030					
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880					
White-throated Swift	04250						Canyon Towhee	05910					
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800					
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodpkr	03960						Blk-throated Sparrow	05730					
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570						Pyrrhuloxia	05940					
Vermilion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540		1				Blue Grosbeak	05970				1	
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330						Bronzed Cowbird	04960					
Black-capped Vireo	06300						Bm-headed Cowbird	04950					
Gray Vireo	06340						Scott's Oriole	05040					
Hutton's Vireo	06320						House Finch	05190					
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						NBr: <input checked="" type="checkbox"/> Vesper sparrow				1		
Common Raven	04860						<input checked="" type="checkbox"/> Wilson's warbler				1		
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320						<input type="checkbox"/>						
Verdin	07460	1		2			<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130						<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3234

VEHICLES

3 1 0 0 3

Excessive Noise:

0 0 0 0 0

Check box if non-breeder.

101



SCAN FORM Page 8

5953165790

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp	Wind	Sky
75	00	00

Mileage/time(optional):

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Species	AOU	Stops					Species	AOU	Stops				
		31	32	33	34	35			31	32	33	34	35
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250	1					Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030					
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160		1				Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880					
White-throated Swift	04250						Canyon Towhee	05910					
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800					
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodprk	03960						Blk-throated Sparrow	05730					1
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570	1					Pyrrhuloxia	05940					
Vermilion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540						Blue Grosbeak	05970		1			2
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330						Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950		1			
Gray Vireo	06340						Scott's Oriole	05040					
Hutton's Vireo	06320						House Finch	05190		1			
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						<input checked="" type="checkbox"/> Wilson's warbler			1			
Common Raven	04860						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130	1					<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3234

VEHICLES

Excessive Noise:

	1	2	1	1
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Check box if non-breeder.



7574165791

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp	Wind	Sky
80	1	0

Mileage/time(optional):

Stops
41 42 43 44 45

Species	AOU	Stops					Species	AOU	Stops				
		41	42	43	44	45			41	42	43	44	45
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030				1	
White-winged Dove	03190						Curve-billed Thrasher	07070			1		
Mourning Dove	03160						Crisal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880					
White-throated Swift	04250						Canyon Towhee	05910					
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800					
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodpkr	03960						Blk-throated Sparrow	05730				2	
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570						Pyrrhuloxia	05940					
Vermilion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540						Blue Grosbeak	05970					
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330			1	1		Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950			3		
Gray Vireo	06340						Scott's Oriole	05040					
Hutton's Vireo	06320						House Finch	05190			3	1	
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						NBr						
Common Raven	04860						<input checked="" type="checkbox"/> lark sparrow				1		
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320						<input type="checkbox"/>						
Verdin	07460					1	<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130			1			<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3234

VEHICLES

2

1

Excessive Noise:

Check box if non-breeder.

101



8854165793

Country Code	Route Number	Route Name	Year
840	83900	CHISOS BASIN	2011

Temp Wind Sky

--	--	--

Mileage/time(optional):

End Time: (required)
 Temp Wind Sky

1028 90 3 0

Species	AOU	Stops					Species	AOU	Stops				
		46	47	48	49	50			46	47	48	49	50
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Red-tailed Hawk	03370						Blk-tail Gnatcatcher	07520					
Peregrine Falcon	03560						Northern Mockingbird	07030		1			
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Lesser Nighthawk	04210						Hepatic Tanager	06090					
Common Nighthawk	04200						Summer Tanager	06100					
Common Poorwill	04180						Spotted Towhee	05880					
White-throated Swift	04250						Canyon Towhee	05910					
Blk-chin Hummingbird	04290						Cassin's Sparrow	05780					
Brd-tail Hummingbird	04320						Ruf-crowned Sparrow	05800					
Acorn Woodpecker	04070						Blk-chinned Sparrow	05650					
Ladder-back Woodpkr	03960						Blk-throated Sparrow	05730				1	
Western Wood-Pewee	04620						Lark Bunting	06050					
Say's Phoebe	04570						Pyrrhuloxia	05940					
Vermilion Flycatcher	04710						Blk-headed Grosbeak	05960					
Ash-throat Flycatcher	04540			1			Blue Grosbeak	05970					
Cassin's Kingbird	04480						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Western Meadowlark	05011					
Bell's Vireo	06330						Bronzed Cowbird	04960					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Gray Vireo	06340						Scott's Oriole	05040					
Hutton's Vireo	06320						House Finch	05190		1	2	3	
Mexican Jay	04820						Lesser Goldfinch	05300					
Chihuahuan Raven	04870						<input checked="" type="checkbox"/> Wilson's warbler				1		
Common Raven	04860						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Blk-crested Titmouse	07320						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Bushtit	07430						<input type="checkbox"/>						
Cactus Wren	07130			1			<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3234

VEHICLES

Excessive Noise: 0 0 0 0 0

Check box if non-breeder.

101



SCAN FORM Page 12

Route Summary

MARK FLIPPO

Route Summary

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

Route Summary Information

Date Route Run: 05/26/2011
Start Time: 06:24
End Time: 10:29
Start Temp: 67 °F
End Temp: 85
Start Wind: 0-Smoke rises vertically [<1 mph, <2 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	0	0	13	0	13	2	
Turkey Vulture	0	0	0	3	1	4	3	
Red-tailed Hawk	0	0	0	1	0	1	1	
Eurasian Collared-Dove	2	0	0	0	0	2	1	
White-winged Dove	9	0	0	0	0	9	4	
Mourning Dove	8	1	0	0	2	11	6	
Greater Roadrunner	0	1	0	0	0	1	1	
Great Horned Owl	1	0	0	0	0	1	1	
Lesser Nighthawk	12	0	0	0	0	12	4	
Golden-fronted Woodpecker	1	0	0	0	0	1	1	
Ladder-backed Woodpecker	0	0	0	1	0	1	1	
Western Wood-Pewee	0	0	0	1	3	4	4	
Vermilion Flycatcher	2	0	0	0	0	2	2	
Ash-throated Flycatcher	3	1	1	0	1	6	6	
Tropical Kingbird	1	0	0	0	0	1	1	
Loggerhead Shrike	0	0	1	0	0	1	1	
Bell's Vireo	2	0	0	4	4	10	6	
Verdin	0	0	3	5	4	12	10	
Cactus Wren	1	3	5	4	1	14	12	
Rock Wren	0	1	0	0	0	1	1	
Bewick's Wren	0	0	0	3	0	3	2	
Black-tailed Gnatcatcher	0	0	0	1	2	3	2	
Northern Mockingbird	0	0	3	2	8	13	10	
Crissal Thrasher	0	0	0	1	0	1	1	
Yellow-rumped Warbler (unid. Myrtle/Audubon's)	0	0	0	1	2	3	3	
Wilson's Warbler	0	0	1	0	0	1	1	
Western Tanager	0	0	0	1	0	1	1	
Canyon Towhee	0	3	2	0	3	8	5	
Rufous-crowned Sparrow	0	0	0	2	0	2	1	
Black-throated Sparrow	7	7	2	4	3	23	14	
Northern Cardinal	6	0	0	0	0	6	3	
Pyrrhuloxia	0	2	2	2	1	7	5	
Blue Grosbeak	1	1	2	0	1	5	4	
House Finch	4	2	0	0	1	7	4	
Total Species:34	Total ind.:190							
Vehicles	2	2	2	6	2	14	9	
Noise	0	0	0	0	0	0	0	

Data Review

MARK FLIPPO

Data Review

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

Route Summary Information

Date Route Run: 05/26/2011
Start Time: 06:24 (Actual)
End Time: 10:29 (Actual)
Start Temp: 67 °F (Actual)
End Temp: 85 (Actual)
Start Wind: 0 - Smoke rises vertically [<1 mph, <2 Kph] (Actual)
End Wind: 2 - Wind felt on face; leaves rustle [4-7 mph, 6-12 Kph] (Actual)
Start Sky: 0 - Clear or few clouds (Actual)
End Sky: 0 - Clear or few clouds (Actual)

Questions

- 1. Did you submit these data to the BBS Office via the Internet? Yes
- 2. Do you intend to survey this route next year? (2012) Yes
 Who will replace?
- 3. Did you complete the route? No
 How many stops were sampled? 49
- 4. If present, were vehicles recorded? Yes
- 5. Did someone accompany AND assist with the route? No
 Please provide assistant's name.
- 6. Did your assistant record the species data?
- 7. Were you the assigned observer for the route? In other words, is your name printed on the data sheet? Yes
- 8. Were you paid or otherwise compensated by your employer to survey this route? Yes
- 9. Please indicate the number of hours you and any assistants' contribute to the completion of this route. Include time spent on scouting, data collection, data submission, and data review. Round to nearest hour. Obs. - 8
Asst. - 0

Address Corrections

Is your mailing address, telephone, and e-mail information correct? Yes

Last Name: FLIPPO	First Name: MARK
MI: R	NickName:
Address Line1: PO BOX 99	Address Line2:
City: Terlingua	State/Prov/Terr: Texas #83
Zip / Postal Code: 79852	Country: United States
Phone (Day): 432- 477- 1110	Phone (Evening):
Ext:	Ext:
Email 1: MARK_R_FLIPPO@NPS.GOV	Email 2:

Species

	1	2	3	4	5	
White-winged Dove	2	1	3	3		Common Breeder
Mourning Dove	2		4	1		Common Breeder
Great Horned Owl	1					Common Breeder
Lesser Nighthawk	2	4	2	4		Common Breeder
Golden-fronted Woodpecker				1		Common Breeder
Vermilion Flycatcher			1	1		Common Breeder
Ash-throated Flycatcher	1		1			Common Breeder

Tropical Kingbird					1	Common Breeder
Bell's Vireo					2	Common Breeder
Black-throated Sparrow		1			3	Common Breeder
Northern Cardinal		2	2	2		Common Breeder
Blue Grosbeak					1	Common Breeder
Eurasian Collared-Dove			2			Breeder
Number of Vehicles						
Excessive Noise		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Species	6	7	8	9	10	
Mourning Dove				1		Common Breeder
Ash-throated Flycatcher					1	Common Breeder
Cactus Wren				1		Common Breeder
Black-throated Sparrow		2		1		Common Breeder
House Finch		3		1		Common Breeder
Number of Vehicles			2			
Excessive Noise		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Species	11	12	13	14	15	
Greater Roadrunner	1					Common Breeder
Ash-throated Flycatcher					1	Common Breeder
Cactus Wren	1	1				Common Breeder
Rock Wren	1					Common Breeder
Black-throated Sparrow				1	2	Common Breeder
Pyrrhuloxia					2	Common Breeder
House Finch				2		Common Breeder
Number of Vehicles				1		
Excessive Noise	<input type="checkbox"/>					
Species	16	17	18	19	20	
Mourning Dove			1			Common Breeder
Cactus Wren	1					Common Breeder
Canyon Towhee		2		1		Common Breeder
Black-throated Sparrow	1		2			Common Breeder
Blue Grosbeak				1		Common Breeder
Number of Vehicles					1	
Excessive Noise	<input type="checkbox"/>					
Species	21	22	23	24	25	
Ash-throated Flycatcher		1				Common Breeder
Loggerhead Shrike			1			Common Breeder
Verdin		1				Common Breeder
Cactus Wren		2	1			Common Breeder
Black-throated Sparrow				2		Common Breeder
Blue Grosbeak		2				Common Breeder
Number of Vehicles						
Excessive Noise	<input type="checkbox"/>					
Species	26	27	28	29	30	
Verdin				2		Common Breeder
Cactus Wren					2	Common Breeder
Northern Mockingbird			1	1	1	Common Breeder
Canyon Towhee					2	Common Breeder
Pyrrhuloxia	1	1				Common Breeder
Wilson's Warbler			1			Non-Breeder
Number of Vehicles					2	

Excessive Noise

Species	31	32	33	34	35	
Scaled Quail				11		Common Breeder
Bell's Vireo			2			Common Breeder
Verdin	1					Common Breeder
Cactus Wren	1					Common Breeder
Bewick's Wren			1		2	Common Breeder
Black-tailed Gnatcatcher	1					Common Breeder
Northern Mockingbird	1					Common Breeder
Rufous-crowned Sparrow					2	Common Breeder
Black-throated Sparrow					2	Common Breeder
Yellow-rumped Warbler (unid. Myrtle/Audubon's)	1					Non-Breeder
Western Tanager			1			Non-Breeder

Number of Vehicles

2

Excessive Noise

Species	36	37	38	39	40	
Scaled Quail			2			Common Breeder
Turkey Vulture		1			2	Common Breeder
Red-tailed Hawk	1					Common Breeder
Ladder-backed Woodpecker			1			Common Breeder
Bell's Vireo		2				Common Breeder
Verdin	2		1		1	Common Breeder
Cactus Wren			1	1	1	Common Breeder
Northern Mockingbird					1	Common Breeder
Crissal Thrasher				1		Common Breeder
Black-throated Sparrow			2			Common Breeder
Pyrrhuloxia	2					Common Breeder
Western Wood-Pewee		1				Non-Breeder

Number of Vehicles

3 1

Excessive Noise

Species	41	42	43	44	45	
Ash-throated Flycatcher			1			Common Breeder
Bell's Vireo		1	1			Common Breeder
Verdin	1	1				Common Breeder
Black-tailed Gnatcatcher	2					Common Breeder
Northern Mockingbird		2	2	1		Common Breeder
Black-throated Sparrow				2	1	Common Breeder
Western Wood-Pewee			1			Non-Breeder
Yellow-rumped Warbler (unid. Myrtle/Audubon's)					1	Non-Breeder

Number of Vehicles

1

Excessive Noise

Species	46	47	48	49	50	
Turkey Vulture				1		Common Breeder
Mourning Dove		2				Common Breeder
Bell's Vireo	2					Common Breeder
Verdin	1			1		Common Breeder
Cactus Wren	1					Common Breeder
Northern Mockingbird	1			2		Common Breeder
Canyon Towhee			2	1		Common Breeder
Pyrrhuloxia		1				Common Breeder
Blue Grosbeak		1				Common Breeder
House Finch	1					Common Breeder
Western Wood-Pewee	1			1		Non-Breeder

Yellow-rumped Warbler (unid. Myrtle/Audubon's) 1 Non-Breeder
 Number of Vehicles 1
 Excessive Noise

Comments

Breeding birds seen during the survey:

Non-breeding birds seen during the survey:

Wilson's warbler, yellow-rumped warbler and western tanager are regularly occurring migrants through the Big Bend, but are usually gone by mid-May. May 26 is at the edge of a late date for all three species. This year, with extreme drought conditions and major wildfires burning along the migratory path, migrants have likely been displaced and continue to trickle in. Many individuals are in poor condition and are lingering longer in the area, lacking the energy reserves to move on.

Temporary route problems:

Road construction at last stop with heavy equipment operating.

Permanent route problems:

Route vacancy:

Miscellaneous notes from the field:

The Big Bend region is experiencing exceptional drought conditions (the driest since 1895) with virtually no measurable precipitation since mid-September, 2010. Habitat conditions are extremely poor with food and available water resources so reduced as to inhibit most avian species from coming into breeding condition. Songs and calls were significantly reduced this season, forcing the observer to rely almost entirely on visual location. Five survey points produced no birds, and an additional 23 stops had two or fewer species. As a consequence, survey results for total individuals are well below average.

Stories from the field:

Other issues requiring staff assistance:

2011 N.A. Breeding Bird Survey Data Form, UNITED STATES

Please complete numbered items below after surveying route.

Observer # **F 0 1 7 1** is currently assigned to BBS route **8 3 - 3 1 9** **CASTOLON**

VALID SURVEY DATES AND START TIME

Survey route on or between these dates.

Start date (mm/dd) **5 / 7**

End date (mm/dd) **6 / 30**

Official
Start Time
0624

ROUTE SUMMARY INFORMATION

Complete steps 1-14.

1. Date Route Run (mm/dd/yyyy)

05 / 26 / 2011

2. Start time (hh:mm)

06 : 24

End time

10 : 29

3. Start temp

067

End temp

085

Celsius
 Fahrenheit

4. Start wind

0 1 2 3 4 5

End wind

0 1 2 3 4 5

5. Start sky

0 1 2 4 5 7 8

End sky

0 1 2 4 5 7 8

It is important to record time and weather data in the field when you collect your bird data. If you have estimated a value after the fact however, it is important that you make note of that below.

Check only those boxes corresponding to values that you did not measure or record in the field.

Date	StartTime	StartTemp	StartWind	StartSky
<input type="checkbox"/>				
	EndTime	EndTemp	EndWind	EndSky
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OBSERVER & ROUTE MANAGEMENT INFORMATION

6. Were these data submitted via the Internet? Y N

7. Do you intend to survey the route next year? Y N

If not participating further, please use the comment form to indicate why, and if possible, provide the name and contact information of a potential replacement.

8. Did you complete the route? Y N

8a. If no to 8, indicate how many stops were sampled (0-49). **49**

9. Were number of passing vehicles recorded during count? Y N

10. Did someone assist with your route? If yes, please provide assistant's first and last name in box below.

10a. If yes to 10, did your assistant record the data? Y N

11. Does your name appear in the assigned observer box below? If no, please complete page 2. Y N

12. Is your contact information below correct? If no, please provide correct information on reverse side. Y N

13. Were you paid or otherwise compensated by your employer to survey this route? Y N

14. Please indicate the number of hours you and any assistants contributed to the completion of this route. Include total time spent on scouting trip, data collection, travel to and from route, data submission, and data review. Write numbers in boxes and fill in corresponding circles. Please round to nearest whole hour.

Observer's Hours	Assistants' Hours
0 <input checked="" type="radio"/> <input type="radio"/>	0 <input type="radio"/> <input type="radio"/>
1 <input type="radio"/> <input type="radio"/>	1 <input type="radio"/> <input type="radio"/>
2 <input type="radio"/> <input type="radio"/>	2 <input type="radio"/> <input type="radio"/>
3 <input type="radio"/> <input type="radio"/>	3 <input type="radio"/> <input type="radio"/>
4 <input type="radio"/> <input type="radio"/>	4 <input type="radio"/> <input type="radio"/>
5 <input type="radio"/> <input type="radio"/>	5 <input type="radio"/> <input type="radio"/>
6 <input type="radio"/> <input type="radio"/>	6 <input type="radio"/> <input type="radio"/>
7 <input type="radio"/> <input type="radio"/>	7 <input type="radio"/> <input type="radio"/>
8 <input checked="" type="radio"/> <input type="radio"/>	8 <input type="radio"/> <input type="radio"/>
9 <input type="radio"/> <input type="radio"/>	9 <input type="radio"/> <input type="radio"/>

Contact Information Corrections:

Please make all necessary corrections to contact information on reverse side.

4 3 2 / 4 7 7 - 1 1 1 0

MARK_R_FLIPPO@NPS.GOV

Birth(MMDD):

Office use only

840 2011

Assigned BBS observer:

MARK R FLIPPO

PO BOX 99

Terlingua

TX 79852

United States

PAPERWORK REDUCTION ACT STATEMENT: A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control Number. Public burden for the collection of this information is estimated to average eleven hours per response. Comments regarding this collection of information should be directed to the Bureau Clearance Officer, U.S. Geological Survey, 807 National Center, Virginia 20192. OMB NO. 1028-0079 Expiration Date: 7/31/2012

RPID

3171

101



SCAN FORM Page 1

8927165794

Official

Start Time:

0624

Actual

Start Time:

0624

(required)
Temp Wind Sky

67 0 0

Country Code Route name

840

CASTOLON

Route Number

83319

Date (mm/dd/yyyy)

05 / 26 / 2011

Mileage/time (optional):

Observer's Name:

Mark Flippo

Stops

Stops

Species	AOU	1	2	3	4	5	Species	AOU	1	2	3	4	5
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Gray Hawk	03460						Northern Mockingbird	07030					
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190	2	1	3	3		Lucy's Warbler	06430					
Mourning Dove	03160	2		4	1		Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750	1					Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210	2	4	2	4		Blk-throated Sparrow	05730		1			3
Common Nighthawk	04200						Northern Cardinal	05930		2	2	2	
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blue Grosbeak	05970				1	
Gold-frnt Woodpecker	04100				1		Varied Bunting	06000					
Ladder-back Woodpkr	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermilion Flycatcher	04710			1	1		Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540	1		1			Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460				1		House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330			2			NBr						
Gray Vireo	06340						<input type="checkbox"/> Eve. Collared dove				2		
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130						<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101



SCAN FORM Page 3

4513165791

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2011

Temp Wind Sky

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Mileage/Time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		6	7	8	9	10			6	7	8	9	10
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Gray Hawk	03460						Northern Mockingbird	07030					
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160				1		Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730	2			1	
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blue Grosbeak	05970					
Gold-frnt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodpkr	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermilion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540					1	Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190	3		1		
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330						NBr						
Gray Vireo	06340						<input type="checkbox"/>						
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130				1		<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

Excessive Noise:

Check box if non-breeder.

101



SCAN FORM Page 4

9242165795

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2011

Temp	Wind	Sky
67	10	0

Mileage (time optional):

Species	AOU	Stops					Species	AOU	Stops				
		11	12	13	14	15			11	12	13	14	15
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Gray Hawk	03460						Northern Mockingbird	07030					
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850	1					Canyon Towhee	05910					
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730			1	1	2
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					2
White-throated Swift	04250						Blue Grosbeak	05970					
Gold-frnt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodpkr	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermilion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540					1	Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190				2	
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330						NBr						
Gray Vireo	06340						<input type="checkbox"/>						
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130	1	1				<input type="checkbox"/>						
Rock Wren	07150	1					<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

Excessive Noise:

Check box if non-breeder.

101



SCAN FORM Page 5

4642165794

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2011

Temp Wind Sky

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Mileage/time(optional):

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Species	AOU	Stops					Species	AOU	Stops				
		16	17	18	19	20			16	17	18	19	20
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Gray Hawk	03460						Northern Mockingbird	07030					
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160			1			Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910		2		1	
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730	1		2		
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blue Grosbeak	05970				1	
Gold-fmt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodpkr	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermilion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540						Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330						NBr						
Gray Vireo	06340						<input type="checkbox"/>						
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460						<input type="checkbox"/>						
Cactus Wren	07130	1					<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

Excessive Noise:

Check box if non-breeder.

101



6687165795

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2011

Temp Wind Sky
68 0 0

Mileage/time(optional):

Stops

Stops

Species	AOU	21	22	23	24	25	Species	AOU	21	22	23	24	25
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Gray Hawk	03460						Northern Mockingbird	07030					
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730				2	
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blue Grosbeak	05970		2			
Gold-frnt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodpkr	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermilion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540		1				Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220			1									
Bell's Vireo	06330						NBr						
Gray Vireo	06340						<input type="checkbox"/>						
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460		1				<input type="checkbox"/>						
Cactus Wren	07130		2	1			<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

Excessive Noise: 0 0 0 0 0

Check box if non-breeder.

101



SCAN FORM Page 7

5953165790

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2011

Temp	Wind	Sky
72	2	0

Mileage/time(optional):

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Species	AOU	Stops					Species	AOU	Stops				
		31	32	33	34	35			31	32	33	34	35
Scaled Quail	02930				11		Bewick's Wren	07190			1		2
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520	1				
Gray Hawk	03460						Northern Mockingbird	07030	1				
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					2
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730					2
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blue Grosbeak	05970					
Gold-frnt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodpkr	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermilion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540						Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330			2			NBr <input checked="" type="checkbox"/> yellow-rumped warb		1				
Gray Vireo	06340						<input checked="" type="checkbox"/> western tanager			1			
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460	1					<input type="checkbox"/>						
Cactus Wren	07130	1					<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101



SCAN FORM Page 9

0833165792

Country Code Route Number Route Name Year
 840 83319 CASTOLON 2011

Temp Wind Sky
 [] [] []

Mileage/time(optional):

Species	AOU	Stops					Species	AOU	Stops				
		36	37	38	39	40			36	37	38	39	40
Scaled Quail	02930			2			Bewick's Wren	07190					
Turkey Vulture	03250		1			2	Blk-tail Gnatcatcher	07520					
Gray Hawk	03460						Northern Mockingbird	07030					1
Red-tailed Hawk	03370	1					Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120				1	
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730			2		
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940	2				
White-throated Swift	04250						Blue Grosbeak	05970					
Gold-frnt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodpkr	03960			1			Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermillion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540						Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330		2				NBr <input checked="" type="checkbox"/> western wood pecker				1		
Gray Vireo	06340						<input type="checkbox"/>						
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460	2		1		1	<input type="checkbox"/>						
Cactus Wren	07130			1	1	1	<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

3 1 0 0 0

Excessive Noise: 0 0 0 0 0

Check box if non-breeder.

101



SCAN FORM Page 10

7574165791

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2011

Temp	Wind	Sky
78	2	0

Mileage/time(optional):

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Species	AOU	Stops					Species	AOU	Stops				
		41	42	43	44	45			41	42	43	44	45
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520	2				
Gray Hawk	03460						Northern Mockingbird	07030		2	2	1	
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910					
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730				2	1
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940					
White-throated Swift	04250						Blue Grosbeak	05970					
Gold-frnt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodprk	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermilion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540			1			Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190					
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330		1	1			NBr						
Gray Vireo	06340						<input checked="" type="checkbox"/> western wood pewee						
Common Raven	04860						<input checked="" type="checkbox"/> yellow-rumped warb						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460	1	1				<input type="checkbox"/>						
Cactus Wren	07130						<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

3171

VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

101



8854165793

Country Code	Route Number	Route Name	Year
840	83319	CASTOLON	2011

Temp	Wind	Sky

Mileage/time(optional):	End Time:	(required) Temp Wind Sky

Species	AOU	Stops					Species	AOU	Stops				
		46	47	48	49	50			46	47	48	49	50
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250				1		Blk-tail Gnatcatcher	07520					
Gray Hawk	03460						Northern Mockingbird	07030	1			2	
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Peregrine Falcon	03560						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160		2				Common Yellowthroat	06810					
Inca Dove	03210						Yellow-breasted Chat	06830					
Yellow-billed Cuckoo	03870						Summer Tanager	06100					
Greater Roadrunner	03850						Canyon Towhee	05910			2	1	
Western Screech-Owl	03732						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Lark Sparrow	05520					
Lesser Nighthawk	04210						Blk-throated Sparrow	05730					
Common Nighthawk	04200						Northern Cardinal	05930					
Common Poorwill	04180						Pyrrhuloxia	05940		1			
White-throated Swift	04250						Blue Grosbeak	05970		1			
Gold-frnt Woodpecker	04100						Varied Bunting	06000					
Ladder-back Woodpkr	03960						Painted Bunting	06010					
Say's Phoebe	04570						Bronzed Cowbird	04960					
Vermillion Flycatcher	04710						Brn-headed Cowbird	04950					
Ash-throat Flycatcher	04540						Orchard Oriole	05060					
Brn-crest Flycatcher	04530						Scott's Oriole	05040					
Tropical Kingbird	04460						House Finch	05190	1				
Cassin's Kingbird	04480						Lesser Goldfinch	05300					
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330	2					<input checked="" type="checkbox"/> western wood pewee		1			1	
Gray Vireo	06340						<input checked="" type="checkbox"/> yellow-rumped warb		1				
Common Raven	04860						<input type="checkbox"/>						
N Rgh-wing Swallow	06170						<input type="checkbox"/>						
Cliff Swallow	06120						<input type="checkbox"/>						
Verdin	07460	1			1		<input type="checkbox"/>						
Cactus Wren	07130	1					<input type="checkbox"/>						
Rock Wren	07150						<input type="checkbox"/>						
Canyon Wren	07170						<input type="checkbox"/>						

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VEHICLES

Excessive Noise: ○ ○ ○ ○ ○

Check box if non-breeder.

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