

Big Bend National Park Breeding Bird Surveys

May 2007

By Mark R. Flippo

Print Route Summary

FLIPPO, MARK / Observer

Review the Following Information for Accuracy

Obs Number : F0171
State/Prov/Terr : TEXAS
Route : HOT SPRINGS
Route Type: Roadside route
Run Method : 101-Standard BBS

Route Summary Information

Date Route Run (MM/DD/YYYY): 05/17/2007
Start Time(hh:mm) (hh:mm) & Status: 06 : 24 Actual
End Time(hh:mm) (hh:mm) & Status: 10 : 31 Actual
Start Temp & Status: 59 °F Actual
End Temp & Status: 65 Actual
Start Wind & Status: Wind direction shown by smoke drift (1-3 mph, 2-5 Kph) Actual
End Wind & Status: Wind direction shown by smoke drift (1-3 mph, 2-5 Kph) Actual
Start Sky & Status: Cloudy (broken) or overcast Actual
End Sky & Status: Cloudy (broken) or overcast Actual

10 Stop Totals

AOU-Species	1-10	11-20	21-30	31-40	41-50	Total Ind.	Total Stops
Scaled Quail	7	16	13	11	2	49	29
Turkey Vulture	0	1	2	2	5	10	7
Red-tailed Hawk	0	0	0	1	0	1	1
White-winged Dove	0	1	0	0	0	1	1
Mourning Dove	10	23	1	0	0	34	13
Greater Roadrunner	0	2	0	1	0	3	3
Lesser Nighthawk	30	4	0	0	0	34	13
Ladder-backed Woodpecker	0	0	1	0	0	1	1
Say's Phoebe	3	0	0	0	0	3	2
Ash-throated Flycatcher	3	0	0	3	1	7	4
Western Kingbird	0	0	0	0	2	2	1
Bell's Vireo	0	0	0	0	2	2	2
Common Raven	0	0	0	1	9	10	4
Barn Swallow	0	0	0	3	0	3	1
Verdin	0	0	0	5	9	14	10
Cactus Wren	5	10	20	14	10	59	33
Rock Wren	2	0	0	0	0	2	1
Bewick's Wren	0	0	0	4	2	6	5
Black-tailed Gnatcatcher	0	0	0	0	1	1	1
Northern Mockingbird	26	25	17	9	10	87	39
Curve-billed Thrasher	0	0	0	5	0	5	3
Wilson's Warbler	0	0	0	3	0	3	1

Yellow-breasted Chat	0	0	1	0	0	1	1
Canyon Towhee	1	0	0	3	0	4	3
Cassin's Sparrow	0	0	0	1	0	1	1
Rufous-crowned Sparrow	0	0	5	0	0	5	3
Black-throated Sparrow	34	27	42	23	15	141	47
Pyrrhuloxia	5	3	8	14	11	41	25
Blue Grosbeak	0	0	3	8	3	14	10
Brown-headed Cowbird	0	3	1	1	1	6	6
Scott's Oriole	1	4	1	2	1	9	8
House Finch	5	0	0	1	0	6	4
House Sparrow	0	0	0	4	0	4	1
Total Species:33	Total Ind:569						
Vehicles	0	4	1	11	8	24	15
Noise	0	0	0	0	0	0	0

2701110035

2007 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 / 17 / 2007

2. Start time (hh:mm)

06 : 24

End time

10 : 31

3. Start temp

059

End temp

65☐ 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

☐ ☐ ☐ ☐ ☐

EndTime EndTemp EndWind EndSky

☐ ☐ ☐ ☐

OBSERVER & ROUTE MANAGEMENT INFORMATION

6. Were these data submitted via the Internet? **Y**7. Do you intend to survey the route next year? **Y**

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**

8a. If no to 8,

indicate how many stops were sampled (0-49). **00**9. Were number of passing vehicles recorded during count? **Y**

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**11. Does your name appear in the assigned observer box below? If no, please complete page 2. **Y**12. Is your contact information below correct? If no, please provide correct information on reverse side. **Y**13. Were you paid or otherwise compensated by your employer to survey this route? **Y**

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 **07**Assistants'
Hours **00**

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.

9 1 5 / 4 7 7 - 2 2 1 0

Assigned BBS observer:

MARK_R_FLIPPO@NPS.GOV

MARK R FLIPPO

PO BOX 123

BIG BEND NP

TX 79834

United States

Birth (MMDD):

Office use only

2007

840



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RPID

2943

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SCAN FORM
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CONTACT INFORMATION CORRECTIONS: use CAPITAL letters & avoid contact with edges of box.

First Name															M.I.		Last Name																	
Nickname (if applicable)															Birth Month & Day (mm/dd)					Birth month/day information will help prevent creation of duplicate observer records in the database. It is optional.														
Mailing Address																																		
City																				St./Prov.					Zip/Postal Code									

Indicate country by filling in corresponding bubble. Country: ☐ Canada ☐ Mexico ☐ U.S.A

Area Code / Telephone Number (Day)										E-mail Address 1									
Area Code / Telephone Number (Evening)										E-mail Address 2									

Brief BBS Instructions.

- All forms must be completed and returned by July 15; if you will not be able to conduct the survey, please contact your provincial, state or territorial BBS coordinator, or the national BBS office, ASAP.
- START EXACTLY ONE-HALF HOUR BEFORE SUNRISE. Start time provided on first page of data sheet.
- Each stop should be for 3 minutes and routes should be completed within 4 - 5 hours.
- Count individuals of each species seen within 0.25 miles/0.4 km or heard from any distance.
- Only count adult birds; do not count young in the nest, fledglings, or the dependent young of waterbirds, gallinaceous birds, and shorebirds. Do not count individuals more than once.
- Write in any species not listed on form; lower case letters and abbreviations acceptable. If it is a nonbreeding species for your area, please fill in the corresponding box next to the write-in species.
- In row provided at bottom of field sheets record number of vehicles that pass by during each 3-min stop. Also fill in the "excessive noise" bubble if you feel constant excessive noise other than passing vehicles (e.g. a nearby lawnmower, crop duster, or babbling brook) seriously impaired your ability to hear birds at that stop.
- Record weather conditions and time at beginning and end of route, and complete route summary and management information.
- For optimal character recognition, press firmly with dark pencil or ink pen (not felt-tipped) when completing the forms.
- Verify your address before returning form, and return route map with your completed data sheets.

Always read the detailed instructions before running your route.**Wind Speed Codes:**

Beaufort

Scale	Wind speed indicators
0	Smoke rises vertically (<1 mph, <2 kph)
1	Wind direction shown by smoke drift (1-3 mph, 2-5 kph)
2	Wind felt on face; leaves rustle (4-7 mph, 6-12 kph)
3	Leaves, small twigs in constant motion (8-12 mph, 13-19 kph)
4	Dust rises; small branches move (13-18 mph, 20-29 kph)
5	Small trees in leaf begin to sway (19-24 mph, 30-38 kph)

Sky Condition Codes:National
Weather Service

Codes	Sky condition indicators
0	Clear or few clouds
1	Partly cloudy (scattered) or variable sky
2	Cloudy (broken) or overcast
4	Fog or smoke
5	Drizzle
7	Snow
8	Showers

Many thanks for all your help!

1540110035

CountryCode RouteNumber

RouteName

Year

840

83082

HOT SPRINGS

2007

Temp Wind Sky

Mileage/time(optional):

End Time: (required)
Temp Wind Sky

10:31

65

1

2

Stops

Species	AOU	46	47	48	49	50	Species	AOU	46	47	48	49	50
Scaled Quail	02930	1	1			1	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250		1	1			Blk-tail Gnatcatcher	07520				1	
Swainson's Hawk	03420						Northern Mockingbird	07030	1	1			
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	2	2	2	2	2
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940	2	1		2	1
Ladder-back Woodpr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970					1
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540						Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470	2					Bronzed Cowbird	04960					
unid. Kingbird	04447						Bm-headed Cowbird	04950				1	
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330					1	House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860	5				1	House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460		2	1	3		☐						
Cactus Wren	07130	1		1	2	1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190	1					☐						

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VEHICLES

2

1

Check NBr box if
non-breeder.SCAN FORM
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5452110031

CountryCode	RouteNumber	RouteName	Year
840	83082	HOT SPRINGS	2007

Temp Wind Sky

60 1 2

Mileage/time(optional):

Stops

Stops

Species	AOU	41	42	43	44	45	Species	AOU	41	42	43	44	45
Scaled Quail	02930						Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250				1	2	Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030	2	1	2	1	2
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	3		1	1	
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940	1	1		3	
Ladder-back Woodpr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970				1	1
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540		1				Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Bm-headed Cowbird	04950					
Loggerhead Shrike	06220						Scott's Oriole	05040		1			
Bell's Vireo	06330	1					House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860					3	House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460	1			1	1	☐						
Cactus Wren	07130		1		2	2	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190		1				☐						

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VEHICLES

Excessive Noise

1 2 2

Check NBr box if non-breeder.

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1512110034

CountryCode	RouteNumber	RouteName	Year
840	83082	HOT SPRINGS	2007

Temp. Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	36	37	38	39	40	Species	AOU	36	37	38	39	40
Scaled Quail	02930	2		1			Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250			2			Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030			1		2
Red-tailed Hawk	03370					1	Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160						Canyon Towhee	05910				2	
Greater Roadrunner	03850						Cassin's Sparrow	05780	1				
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	2	1	1	1	1
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940	3	1	1	3	2
Ladder-back Woodpr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970	1				1
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540						Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Brn-headed Cowbird	04950					
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460	2		1			☐						
Cactus Wren	07130		1		2		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190		1			2	☐						

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VEHICLES

1 1 1 4 2

Check NBr box if
non-breederSCAN FORM
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3471110030

CountryCode RouteNumber

RouteName

Year

840

83082

HOT SPRINGS

2007

Temp Wind Sky

62 1 2

Mileage/time(optional):

Stops

Stops

Species	AOU	31	32	33	34	35	Species	AOU	31	32	33	34	35
Scaled Quail	02930	1	1	3		3	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030		3	1	1	1
Red-tailed Hawk	03370						Curve-billed Thrasher	07070	2	1		2	
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160						Canyon Towhee	05910				1	
Greater Roadrunner	03850		1				Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	3	4	3	2	5
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940	2	1			1
Ladder-back Woodprk	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970		2	2		2
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540				3		Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Brn-headed Cowbird	04950				1	
Loggerhead Shrike	06220						Scott's Oriole	05040			1		1
Bell's Vireo	06330						House Finch	05190				1	
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860			1			House Sparrow	06882			4		
Violet-Green Swallow	06150						NBr: ☒ Wilson's Warbler		3				
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130				3		☐						
Verdin	07460		1		1		☐						
Cactus Wren	07130	4	2	1	3	1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190		1				☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

SCAN FORM
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1538110032

CountryCode	RouteNumber	RouteName	Year
840	83082	HOT SPRINGS	2007

Temp Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	26	27	28	29	30	Species	AOU	26	27	28	29	30
Scaled Quail	02930			1	3		Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030		1	4	3	
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160					1	Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800	1	2			
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	3	4	5	3	4
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940	3		1		2
Ladder-back Woodpr	03960		1				Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970		2		1	
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540						Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Bm-headed Cowbird	04950		1			
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460						☐						
Cactus Wren	07130	2	2	3	2	2	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

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VEHICLES

Check NBr box if
non-breeder.SCAN FORM
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2483110032

CountryCode	RouteNumber	RouteName	Year
840	83082	HOT SPRINGS	2007

 Temp Wind Sky
 60 1 2

Mileage/time(optional):

Stops

Stops

Species	AOU	21	22	23	24	25	Species	AOU	21	22	23	24	25
Scaled Quail	02930	2		2	4	1	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250	2					Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030	2	3	1	2	1
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830	1				
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					2
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	4	6	6	4	3
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940		1	1		
Ladder-back Woodpr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970					
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540						Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Brn-headed Cowbird	04950					
Loggerhead Shrike	06220						Scott's Oriole	05040	1				
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460						☐						
Cactus Wren	07130		1	3	3	2	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

2943

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

 Check NBr box if
 non-breeder.

 SCAN FORM
 Page 7

5696110031

CountryCode RouteNumber

RouteName

Year

840

83082

HOT SPRINGS

2007

Temp Wind Sky

Mileage/time(optional):

Stops

Stops

Species	AOU	16	17	18	19	20	Species	AOU	16	17	18	19	20
Scaled Quail	02930	3	1	2	2	2	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250			1			Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030	3	3	4	2	1
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190					1	Summer Tanager	06100					
Mourning Dove	03160	1	2				Canyon Towhee	05910					
Greater Roadrunner	03850	1					Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210						Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	1	1	2	5	4
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940	2	1			
Ladder-back Woodpr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970					
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540						Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Brn-headed Cowbird	04950			1	1	
Loggerhead Shrike	06220						Scott's Oriole	05040	1			2	
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460						☐						
Cactus Wren	07130	1			1	2	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

2943

VEHICLES

Check NBr box if
non-breederSCAN FORM
Page 6

9821110035

CountryCode RouteNumber

RouteName

Year

840

83082

HOT SPRINGS

2007

Temp Wind Sky

60 2 2

Mileage/time(optional):

Stops

Stops

Species	AOU	11	12	13	14	15	Species	AOU	11	12	13	14	15
Scaled Quail	02930	3		1	1	1	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030	1	3	3	3	2
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160	6	6	7	1		Canyon Towhee	05910					
Greater Roadrunner	03850					1	Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210	2	1		1		Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	1	3	3	4	3
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940					
Ladder-back Woodpr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970					
Say's Phoebe	04570						Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540						Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Bm-headed Cowbird	04950			1		
Loggerhead Shrike	06220						Scott's Oriole	05040					1
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460						☐						
Cactus Wren	07130		1	1	3	1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

2943

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.



SCAN FORM

Page 5

1219110038

Official

Start Time:

Actual

Start Time:

0624

0624

(required)
Temp Wind Sky

59 1 2

CountryCode

Routename

RouteNumber

840

HOT SPRINGS

83082

Date (mm/dd/yyyy)

05/17/2007

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					1	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030			1	2	3
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160			1	2	1	Canyon Towhee	05910		1			
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210	2	1	3	5	3	Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730		2	4	4	3
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940			2		1
Ladder-back Woodprkr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970					
Say's Phoebe	04570	2				1	Varied Bunting	06000					
Vermilion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540	2	1				Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Brn-headed Cowbird	04950					
Loggerhead Shrike	06220						Scott's Oriole	05040					
Bell's Vireo	06330						House Finch	05190	1	2	2		
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460						☐						
Cactus Wren	07130					1	☐						
Rock Wren	07150	2					☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

2943

VEHICLES

Check NBr box if
non-breeder.SCAN FORM
Page 3

2542110038

CountryCode	RouteNumber	RouteName	Year
840	83082	HOT SPRINGS	2007

Temp	Wind	Sky

Mileage/time(optional):

Stops

Stops

Species	AOU	6	7	8	9	10	Species	AOU	6	7	8	9	10
Scaled Quail	02930	1	2	1	1	1	Blue-gry Gnatcatcher	07510					
Turkey Vulture	03250						Blk-tail Gnatcatcher	07520					
Swainson's Hawk	03420						Northern Mockingbird	07030	3	5	4	5	3
Red-tailed Hawk	03370						Curve-billed Thrasher	07070					
Killdeer	02730						Crissal Thrasher	07120					
Eur Collared-Dove	22860						Yellow-breasted Chat	06830					
White-winged Dove	03190						Summer Tanager	06100					
Mourning Dove	03160	2			3	1	Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Great Horned Owl	03750						Ruf-crowned Sparrow	05800					
Elf Owl	03810						Chipping Sparrow	05600					
Lesser Nighthawk	04210	6	2	3	3	2	Lark Sparrow	05520					
Common Nighthawk	04200						Blk-throated Sparrow	05730	5	6	4	3	3
White-throated Swift	04250						Lark Bunting	06050					
Lucifer Hummingbird	04370						Northern Cardinal	05930					
Blk-chin Hummingbird	04290						Pyrrhuloxia	05940			2		
Ladder-back Woodpkr	03960						Blk-headed Grosbeak	05960					
unid. Empidonax	04679						Blue Grosbeak	05970					
Say's Phoebe	04570						Varied Bunting	06000					
Vermillion Flycatcher	04710						Painted Bunting	06010					
Ash-throat Flycatcher	04540						Eastern Meadowlark	05010					
Cassin's Kingbird	04480						Western Meadowlark	05011					
Western Kingbird	04470						Bronzed Cowbird	04960					
unid. Kingbird	04447						Brn-headed Cowbird	04950					
Loggerhead Shrike	06220						Scott's Oriole	05040				1	
Bell's Vireo	06330						House Finch	05190					
Chihuahuan Raven	04870						Lesser Goldfinch	05300					
Common Raven	04860						House Sparrow	06882					
Violet-Green Swallow	06150						NBr						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Verdin	07460						☐						
Cactus Wren	07130	1			3		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

2943

VEHICLES

Excessive Noise: ☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder



SCAN FORM

Print Route Summary

FLIPPO, MARK / Observer

Review the Following Information for Accuracy

Obs Number : F0171
State/Prov/Terr : TEXAS
Route : CHISOS BASIN
Route Type: Roadside route
Run Method : 101-Standard BBS

Route Summary Information

Date Route Run (MM/DD/YYYY): 05/18/2007
Start Time(hh:mm) (hh:mm) & Status: 06 : 24 Actual
End Time(hh:mm) (hh:mm) & Status: 10 : 47 Actual
Start Temp & Status: 55 °F Actual
End Temp & Status: 65 Actual
Start Wind & Status: Wind direction shown by smoke drift (1-3 mph, 2-5 Kph) Actual
End Wind & Status: Wind direction shown by smoke drift (1-3 mph, 2-5 Kph) Actual
Start Sky & Status: Clear or few clouds Actual
End Sky & Status: Cloudy (broken) or overcast Actual

10 Stop Totals

AOU-Species	1-10	11-20	21-30	31-40	41-50	Total Ind.	Total Stops
Scaled Quail	0	7	10	0	9	26	17
Turkey Vulture	0	5	1	3	2	11	7
Wilson's Snipe	0	0	1	0	0	1	1
White-winged Dove	4	0	0	0	0	4	4
Mourning Dove	0	3	3	1	4	11	7
Common Poorwill	2	0	0	0	0	2	2
Ladder-backed Woodpecker	1	0	0	0	2	3	2
Western Wood-Pewee	0	1	0	0	0	1	1
Say's Phoebe	0	0	0	2	0	2	1
Ash-throated Flycatcher	0	0	2	3	2	7	6
Western Kingbird	0	0	3	1	0	4	3
Loggerhead Shrike	0	0	0	0	1	1	1
Bell's Vireo	0	2	4	1	5	12	7
Black-capped Vireo	1	0	0	0	0	1	1
Common Raven	0	1	0	6	0	7	3
Cliff Swallow	0	0	0	5	0	5	1
Black-crested Titmouse	4	0	0	0	0	4	3
Verdin	1	2	4	2	2	11	8
Cactus Wren	5	12	10	2	3	32	23
Rock Wren	0	0	2	0	0	2	2
Canyon Wren	6	0	0	0	0	6	4
Bewick's Wren	3	2	0	0	0	5	5

Blue-gray Gnatcatcher	11	0	0	0	0	11	7
Black-tailed Gnatcatcher	0	8	2	2	0	12	7
Northern Mockingbird	14	16	16	5	22	73	38
Curve-billed Thrasher	0	2	0	0	0	2	2
Phainopepla	1	0	0	0	0	1	1
Wilson's Warbler	0	0	0	1	0	1	1
Hepatic Tanager	2	0	0	0	0	2	2
Summer Tanager	1	0	0	0	0	1	1
Spotted Towhee	9	0	0	0	0	9	4
Canyon Towhee	4	2	0	0	0	6	6
Cassin's Sparrow	0	2	1	9	1	13	10
Rufous-crowned Sparrow	22	4	0	0	0	26	12
Black-chinned Sparrow	9	0	0	0	0	9	2
Black-throated Sparrow	1	22	17	23	25	88	32
Pyrrhuloxia	0	15	5	1	3	24	15
Black-headed Grosbeak	4	0	0	0	0	4	3
Blue Grosbeak	5	6	2	3	1	17	15
Varied Bunting	2	2	0	0	0	4	3
Painted Bunting	0	0	0	1	1	2	2
Brown-headed Cowbird	1	0	1	0	2	4	3
Scott's Oriole	4	2	0	0	4	10	7
House Finch	0	0	2	6	3	11	6
Total Species:44	Total Ind:488						
Vehicles	0	1	4	10	3	18	12
Noise	0	0	0	0	0	0	0

2701110035

2007 N.A. Breeding Bird Survey Data Form, UNITED STATES

Please complete numbered items below after surveying route.

Observer # is currently assigned to BBS route - CHISOS BASIN

VALID SURVEY DATES AND START TIME

Survey route on or between these dates.

Start date (mm/dd) End date (mm/dd) Official
Start Time

0624

ROUTE SUMMARY INFORMATION

Complete steps 1-14.

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

2. Start time (hh:mm)

End time

3. Start temp

End temp

☐ 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
☐	☐	☐	☐	☐
EndTime	EndTemp	EndWind	EndSky	
☐	☐	☐	☐	

OBSERVER & ROUTE MANAGEMENT INFORMATION

6. Were these data submitted via the Internet? ☒ Y ☐ N7. 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 ☒ N11. Does your name appear in the assigned observer box below? If no, please complete page 2. ☒ Y ☐ N12. Is your contact information below correct? If no, please provide correct information on reverse side. ☒ Y ☐ N13. 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	☒	☐
1	☐	☐
2	☐	☐
3	☐	☐
4	☐	☐
5	☐	☐
6	☐	☐
7	☐	☒
8	☐	☐
9	☐	☐

0	☐	☐
1	☐	☐
2	☐	☐
3	☐	☐
4	☐	☐
5	☐	☐
6	☐	☐
7	☐	☐
8	☐	☐
9	☐	☐

Contact Information Corrections:

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

9 1 5 / 4 7 7 - 2 2 1 0

Assigned BBS observer:

MARK

R FLIPPO

PO BOX 123

MARK_R_FLIPPO@NPS.GOV

BIG BEND NP

TX 79834

United States

Birth (MMDD):

Office use only

2007

840



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 five 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: 5/31/2008

RPID

3051

101

SCAN FORM
Page 1

Indicate country by filling in corresponding bubble. Country: ☐ Canada ☐ Mexico ☐ U.S.A

Brief BBS Instructions.

- All forms must be completed and returned by July 15; if you will not be able to conduct the survey, please contact your provincial, state or territorial BBS coordinator, or the national BBS office, ASAP.
- **START EXACTLY ONE-HALF HOUR BEFORE SUNRISE.** Start time provided on first page of data sheet.
- Each stop should be for 3 minutes and routes should be completed within 4 - 5 hours.
- Count individuals of each species seen within 0.25 miles/0.4 km or heard from any distance.
- Only count adult birds; do not count young in the nest, fledglings, or the dependent young of waterbirds, gallinaceous birds, and shorebirds. Do not count individuals more than once.
- Write in any species not listed on form; lower case letters and abbreviations acceptable. If it is a nonbreeding species for your area, please fill in the corresponding box next to the write-in species.
- In row provided at bottom of field sheets record number of vehicles that pass by during each 3-min stop. Also fill in the "excessive noise" bubble if you feel constant excessive noise other than passing vehicles (e.g. a nearby lawnmower, crop duster, or babbling brook) seriously impaired your ability to hear birds at that stop.
- Record weather conditions and time at beginning and end of route, and complete route summary and management information.
- For optimal character recognition, press firmly with dark pencil or ink pen (not felt-tipped) when completing the forms.
- Verify your address before returning form, and return route map with your completed data sheets.

Page 2

1540110035

CountryCode RouteNumber

RouteName

Year

840

83900

CHISOS BASIN

2007

Temp Wind Sky

Mileage/time(optional):

(required)

End Time: Temp Wind Sky

10:47 65 1 2

Stops

Stops

Species	AOU	46	47	48	49	50	Species	AOU	46	47	48	49	50
Scaled Quail	02930	1	1			3	Bewick's Wren	07190					
Turkey Vulture	03250		1	1			Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030	2	1	3	3	3
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160		2				Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780					
White-throated Swift	04250						Ruf-crowned Sparrow	05800					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730	2	4	4		
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940		2			
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970					
Ash-throat Flycatcher	04540					1	Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220	1					Eastern Meadowlark	05010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040		3			
Mexican Jay	04820						House Finch	05190		2			
Common Raven	04860						NBr						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460					1	☐						
Bushtit	07430						☐						
Cactus Wren	07130	1					☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						

3051

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

SCAN FORM
Page 12

5452110031

CountryCode	RouteNumber	RouteName	Year
840	83900	CHISOSBASIN	2007

Temp Wind Sky

62 1 2

Mileage/time(optional):

Stops

Stops

Species	AOU	41	42	43	44	45	Species	AOU	41	42	43	44	45
Scaled Quail	02930		2			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	1	1	3	3	2
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160				2		Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780	1				
White-throated Swift	04250						Ruf-crowned Sparrow	05800					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730	4	2	4	3	2
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960				2		Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940		1			
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970			1		
Ash-throat Flycatcher	04540	1					Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010			1		
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330		1	3	1		Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950			2		
Hutton's Vireo	06320						Scott's Oriole	05040				1	
Mexican Jay	04820						House Finch	05190	1				
Common Raven	04860						NBr						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460	1					☐						
Bushtit	07430						☐						
Cactus Wren	07130			1	1		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						

3051

VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

SCAN FORM
Page 11

1512110034

CountryCode	RouteNumber	RouteName	Year
840	83900	CHISOS BASIN	2007

Temp Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	36	37	38	39	40	Species	AOU	36	37	38	39	40
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250					1	Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					2
Red-tailed Hawk	03370						Northern Mockingbird	07030		1		1	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					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780	1	1			
White-throated Swift	04250						Ruf-crowned Sparrow	05800					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730		2	4	2	3
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940					1
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970		1			
Ash-throat Flycatcher	04540				1		Varied Bunting	06000					
Western Kingbird	04470					1	Painted Bunting	06010					1
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330					1	Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040					
Mexican Jay	04820						House Finch	05190					
Common Raven	04860	2			4		NBr						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460				2		☐						
Bushtit	07430						☐						
Cactus Wren	07130				1		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

5 1 2

Check NBr box if non-breeder.

SCAN FORM
Page 10

3471110030

CountryCode	RouteNumber	RouteName	Year
840	83900	CHISOS BASIN	2007

Temp Wind Sky

60 2 2

Mileage/time(optional):

Stops

Stops

Species	AOU	31	32	33	34	35	Species	AOU	31	32	33	34	35
Scaled Quail	02930						Bewick's Wren	07190					
Turkey Vulture	03250					2	Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030		1			1
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					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780	1	1	1	2	2
White-throated Swift	04250						Ruf-crowned Sparrow	05800					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730	3	4	4	1	
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940					
Say's Phoebe	04570		2				Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970	1			1	
Ash-throat Flycatcher	04540	2					Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040					
Mexican Jay	04820						House Finch	05190	3	3			
Common Raven	04860						NBr						
Cliff Swallow	06120		5				☒ Wilson's Warbler				1		
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460						☐						
Bushtit	07430						☐						
Cactus Wren	07130	1					☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						

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VEHICLES

Excessive Noise:

1

0 0 0 0 0

Check NBr box if non-breeder.

SCAN FORM
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1538110032

CountryCode	RouteNumber	RouteName	Year
840	83900	CHISOS BASIN	2007

Temp Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	26	27	28	29	30	Species	AOU	26	27	28	29	30
Scaled Quail	02930	1	3	1			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	2		2	
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					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780					
White-throated Swift	04250						Ruf-crowned Sparrow	05800					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730		2			2
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940					
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970				1	
Ash-throat Flycatcher	04540				1	1	Varied Bunting	06000					
Western Kingbird	04470			1			Painted Bunting	06010					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040					
Mexican Jay	04820						House Finch	05190	1		1		
Common Raven	04860						NBr ☒ Wilson's Snipe						1
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460						☐						
Bushtit	07430						☐						
Cactus Wren	07130	1		1			☐						
Rock Wren	07150	1	1				☐						
Canyon Wren	07170						☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

SCAN FORM
Page 8

2483110032

CountryCode	RouteNumber	RouteName	Year
840	83900	CHISOS BASIN	2007

Temp Wind Sky
63 0 2

Mileage/time(optional):

Stops							Stops						
Species	AOU	21	22	23	24	25	Species	AOU	21	22	23	24	25
Scaled Quail	02930	2		1		2	Bewick's Wren	07190					
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520	1				1
Red-tailed Hawk	03370						Northern Mockingbird	07030	1	3	2	3	2
White-winged Dove	03190						Curve-billed Thrasher	07070					
Mourning Dove	03160		2				Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780		1			
White-throated Swift	04250						Ruf-crowned Sparrow	05800					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730	3	3	1	3	3
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940	3			1	1
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970	1				
Ash-throat Flycatcher	04540						Varied Bunting	06000					
Western Kingbird	04470	2					Painted Bunting	06010					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330			4			Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950			1		
Hutton's Vireo	06320						Scott's Oriole	05040					
Mexican Jay	04820						House Finch	05190					
Common Raven	04860						NBr						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460	1			3		☐						
Bushtit	07430						☐						
Cactus Wren	07130	1	2	1	3	1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐
Check NBr box if
non-breeder.SCAN FORM
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5696110031

CountryCode RouteNumber

RouteName

Year

840

83900

CHISOS BASIN

2007

Temp Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	16	17	18	19	20	Species	AOU	16	17	18	19	20
Scaled Quail	02930		1	1	1	2	Bewick's Wren	07190	1				
Turkey Vulture	03250			2			Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520	2		1	2	3
Red-tailed Hawk	03370						Northern Mockingbird	07030	2	1	1	4	2
White-winged Dove	03190						Curve-billed Thrasher	07070			1	1	
Mourning Dove	03160	2		1			Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910					
Whip-poor-will	04170						Cassin's Sparrow	05780				2	
White-throated Swift	04250						Ruf-crowned Sparrow	05800					
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730	2	4	3	3	4
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620			1			Pyrrhuloxia	05940	2	2	1	2	1
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970	2				1
Ash-throat Flycatcher	04540						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330			1			Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040	1			1	
Mexican Jay	04820						House Finch	05190					
Common Raven	04860					1	NP-						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460		1	1			☐						
Bushtit	07430						☐						
Cactus Wren	07130		2	1		1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

SCAN FORM
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9821110035

CountryCode	RouteNumber	RouteName	Year
840	83900	CHISOS BASIN	2007

Temp Wind Sky

60 0 4

Mileage/time(optional):

Stops

Stops

Species	AOU	11	12	13	14	15	Species	AOU	11	12	13	14	15
Scaled Quail	02930			1		1	Bewick's Wren	07190			1		
Turkey Vulture	03250				3		Blue-gry Gnatcatcher	07510					
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030	2	1	1		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					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880					
Common Poorwill	04180						Canyon Towhee	05910	1	1			
Whip-poor-will	04170						Cassin's Sparrow	05780					
White-throated Swift	04250						Ruf-crowned Sparrow	05800	2	1		1	
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730		1	2	3	
Acom Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrhuloxia	05940		2	1	2	2
Say's Phoebe	04570						Blk-headed Grosbeak	05960					
Vermilion Flycatcher	04710						Blue Grosbeak	05970		1	1	1	
Ash-throat Flycatcher	04540						Varied Bunting	06000	2				
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330					1	Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040					
Mexican Jay	04820						House Finch	05190					
Common Raven	04860						NBr						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320						☐						
Verdin	07460						☐						
Bushtit	07430						☐						
Cactus Wren	07130	3	1	3	1		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

SCAN FORM
Page 5

2542110038

CountryCode	RouteNumber	RouteName	Year
840	83900	CHISOS BASIN	2007

Temp Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	6	7	8	9	10	Species	AOU	6	7	8	9	10
Scaled Quail	02930						Bewick's Wren	07190	1	1			
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510	2	1	1		2
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030		2	2	3	3
White-winged Dove	03190			1	1		Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200				1	
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Burrowing Owl	03780						Hepatic Tanager	06090					
Lesser Nighthawk	04210						Summer Tanager	06100					
Common Nighthawk	04200						Spotted Towhee	05880	3	3	1		
Common Poorwill	04180						Canyon Towhee	05910				1	
Whip-poor-will	04170						Cassin's Sparrow	05780					
White-throated Swift	04250						Ruf-crowned Sparrow	05800	2	2	1	2	
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650					
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730				1	
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodpkr	03960	1					Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940					
Say's Phoebe	04570						Blk-headed Grosbeak	05960	1				
Vermilion Flycatcher	04710						Blue Grosbeak	05970		2	1	1	
Ash-throat Flycatcher	04540						Varied Bunting	06000			1		1
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300						Brn-headed Cowbird	04950					1
Hutton's Vireo	06320						Scott's Oriole	05040			1		
Mexican Jay	04820						House Finch	05190					
Common Raven	04860						NBr						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320	1	1				☐						
Verdin	07460						☐						
Bushtit	07430						☐						
Cactus Wren	07130			2	1	1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170	3				1	☐						

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VEHICLES

Excessive Noise

Check NBr box if
non-breeder.SCAN FORM
Page 4

1219110038

Official

Start Time:

0624

(required)
Temp Wind Sky

Actual

Start Time:

0624

55 1 0

CountryCode Routename

840

CHISOS BASIN

RouteNumber

83900

Date (mm/dd/yyyy)

05/18/2007

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					1
Turkey Vulture	03250						Blue-gry Gnatcatcher	07510			2	1	2
Swainson's Hawk	03420						Blk-tail Gnatcatcher	07520					
Red-tailed Hawk	03370						Northern Mockingbird	07030		1	3		
White-winged Dove	03190		1	1			Curve-billed Thrasher	07070					
Mourning Dove	03160						Crissal Thrasher	07120					
Greater Roadrunner	03850						Phainopepla	06200					
Great Horned Owl	03750						Yellow-breasted Chat	06830					
Burrowing Owl	03780						Hepatic Tanager	06090	1				1
Lesser Nighthawk	04210						Summer Tanager	06100		1			
Common Nighthawk	04200						Spotted Towhee	05880					2
Common Poorwill	04180	1	1				Canyon Towhee	05910	1			1	1
Whip-poor-will	04170						Cassin's Sparrow	05780					
White-throated Swift	04250						Ruf-crowned Sparrow	05800	3	3	3	3	3
Blk-chin Hummingbird	04290						Blk-chinned Sparrow	05650		2		7	
Brd-tail Hummingbird	04320						Blk-throated Sparrow	05730					
Acorn Woodpecker	04070						Lark Bunting	06050					
Ladder-back Woodprkr	03960						Northern Cardinal	05930					
Western Wood-Pewee	04620						Pyrrhuloxia	05940					
Say's Phoebe	04570						Blk-headed Grosbeak	05960	2				1
Vermilion Flycatcher	04710						Blue Grosbeak	05970		1			
Ash-throat Flycatcher	04540						Varied Bunting	06000					
Western Kingbird	04470						Painted Bunting	06010					
Loggerhead Shrike	06220						Eastern Meadowlark	05010					
Bell's Vireo	06330						Western Meadowlark	05011					
Black-capped Vireo	06300				1		Brn-headed Cowbird	04950					
Hutton's Vireo	06320						Scott's Oriole	05040		1		2	
Mexican Jay	04820						House Finch	05190					
Common Raven	04860						NBr						
Cliff Swallow	06120						☐						
Barn Swallow	06130						☐						
Blk-crested Titmouse	07320					2	☐						
Verdin	07460			1			☐						
Bushtit	07430						☐						
Cactus Wren	07130		1				☐						
Rock Wren	07150						☐						
Canyon Wren	07170				1	1	☐						

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VEHICLES

Excessive Noise

Check NBr box if
non-breeder

SCAN FORM

Print Route Summary

FLIPPO, MARK / Observer

Review the Following Information for Accuracy

Obs Number : F0171
State/Prov/Terr : TEXAS
Route : CASTOLON
Route Type: Roadside route
Run Method : 101-Standard BBS

Route Summary Information

Date Route Run (MM/DD/YYYY): 05/19/2007
Start Time(hh:mm) (hh:mm) & Status: 06 : 24 Actual
End Time(hh:mm) (hh:mm) & Status: 10 : 25 Actual
Start Temp & Status: 65 °F Actual
End Temp & Status: 70 Actual
Start Wind & Status: Wind direction shown by smoke drift (1-3 mph, 2-5 Kph) Actual
End Wind & Status: Wind direction shown by smoke drift (1-3 mph, 2-5 Kph) Actual
Start Sky & Status: Clear or few clouds Actual
End Sky & Status: Cloudy (broken) or overcast Actual

10 Stop Totals

AOU-Species	1-10	11-20	21-30	31-40	41-50	Total Ind.	Total Stops
Scaled Quail	3	15	9	5	9	41	30
Turkey Vulture	0	0	1	0	1	2	2
White-winged Dove	11	0	0	1	0	12	6
Mourning Dove	7	2	4	0	0	13	9
Lesser Nighthawk	21	2	0	0	0	23	7
Ladder-backed Woodpecker	0	0	0	0	1	1	1
Say's Phoebe	2	0	0	0	0	2	2
Ash-throated Flycatcher	7	0	0	0	0	7	5
Western Kingbird	1	0	1	0	0	2	2
Bell's Vireo	1	0	0	1	3	5	4
Common Raven	0	0	1	0	0	1	1
Verdin	0	1	1	2	4	8	7
Cactus Wren	4	14	8	4	3	33	24
Rock Wren	3	2	1	0	1	7	6
Canyon Wren	3	1	0	0	1	5	5
Bewick's Wren	0	0	0	3	1	4	4
Black-tailed Gnatcatcher	0	0	1	0	2	3	3
Northern Mockingbird	3	9	10	13	12	47	30
Lucy's Warbler	1	0	0	0	0	1	1
Yellow-breasted Chat	7	0	0	0	2	9	5
Summer Tanager	1	0	0	0	0	1	1
Canyon Towhee	0	0	4	2	2	8	6

Cassin's Sparrow	0	0	0	0	2	2	2
Rufous-crowned Sparrow	0	2	4	12	0	18	9
Chipping Sparrow	0	0	0	0	1	1	1
Black-throated Sparrow	27	27	28	21	17	120	43
Northern Cardinal	3	0	0	0	0	3	2
Pyrrhuloxia	1	7	6	4	10	28	22
Blue Grosbeak	3	1	2	2	5	13	12
Varied Bunting	0	0	0	0	2	2	1
Painted Bunting	2	0	0	0	0	2	2
Brown-headed Cowbird	0	0	0	3	0	3	2
Scott's Oriole	3	4	3	4	0	14	12
House Finch	5	5	0	0	2	12	8
Total Species:34	Total Ind:453						
Vehicles	8	1	0	4	9	22	15
Noise	0	0	0	0	0	0	0

2701110035

2007 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**Official
Start TimeEnd date (mm/dd) **6 / 30****0624**

ROUTE SUMMARY INFORMATION

Complete steps 1-14.

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

05 / 19 / 2007

2. Start time (hh:mm)

End time

06:24**10:25**

3. Start temp

End temp

065**70**☐ Celsius
☒ Fahrenheit

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**
☐ ☐ ☒ ☐ ☐ ☐ ☐

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
☐	☐	☐	☐	☐
	EndTime	EndTemp	EndWind	EndSky
	☐	☐	☐	☐

OBSERVER & ROUTE MANAGEMENT INFORMATION

6. Were these data submitted via the Internet? **Y**7. Do you intend to survey the route next year? **Y**

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**

8a. If no to 8,

indicate how many stops were sampled (0-49). **00**9. Were number of passing vehicles recorded during count? **Y**

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**11. Does your name appear in the assigned observer box below? If no, please complete page 2. **Y**12. Is your contact information below correct? If no, please provide correct information on reverse side. **Y**13. Were you paid or otherwise compensated by your employer to survey this route? **Y**

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 **07**Assistants'
Hours **00**

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.

9 1 5 / 4 7 7 - 2 2 1 0**MARK_R_FLIPPO@NPS.GOV**

Assigned BBS observer:

MARK R FLIPPO
PO BOX 123**BIG BEND NP****TX 79834****United States**

Birth (MMDD):

Office use only

2007

840

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 five 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: 5/31/2008

RPID

2997

101



SCAN FORM

First Name	M.I.	Last Name
Nickname (if applicable)	Birth Month & Day (mm/dd)	
	/	
Mailing Address		
City	St./Prov.	Zip/Postal Code

Indicate country by filling in corresponding bubble. **Country:** ☐ Canada ☐ Mexico ☐ U.S.A

Area Code / Telephone Number (Day)	E-mail Address 1
/ -	
Area Code / Telephone Number (Evening)	E-mail Address 2
/ -	

Brief BBS Instructions.

- All forms must be completed and returned by July 15; if you will not be able to conduct the survey, please contact your provincial, state or territorial BBS coordinator, or the national BBS office, ASAP.
- **START EXACTLY ONE-HALF HOUR BEFORE SUNRISE.** Start time provided on first page of data sheet.
- Each stop should be for 3 minutes and routes should be completed within 4 - 5 hours.
- Count individuals of each species seen within 0.25 miles/0.4 km or heard from any distance.
- Only count adult birds; do not count young in the nest, fledglings, or the dependent young of waterbirds, gallinaceous birds, and shorebirds. Do not count individuals more than once.
- Write in any species not listed on form; lower case letters and abbreviations acceptable. If it is a nonbreeding species for your area, please fill in the corresponding box next to the write-in species.
- In row provided at bottom of field sheets record number of vehicles that pass by during each 3-min stop. Also fill in the "excessive noise" bubble if you feel constant excessive noise other than passing vehicles (e.g. a nearby lawnmower, crop duster, or babbling brook) seriously impaired your ability to hear birds at that stop.
- Record weather conditions and time at beginning and end of route, and complete route summary and management information.
- For optimal character recognition, press firmly with dark pencil or ink pen (not felt-tipped) when completing the forms.
- Verify your address before returning form, and return route map with your completed data sheets.

Always read the detailed instructions before running your route.

Wind Speed Codes:

Beaufort

Scale	Wind speed indicators
0	Smoke rises vertically (<1 mph, <2 kph)
1	Wind direction shown by smoke drift (1-3 mph, 2-5 kph)
2	Wind felt on face; leaves rustle (4-7 mph, 6-12 kph)
3	Leaves, small twigs in constant motion (8-12 mph, 13-19 kph)
4	Dust rises; small branches move (13-18 mph, 20-29 kph)
5	Small trees in leaf begin to sway (19-24 mph, 30-38 kph)

Sky Condition Codes:

National

Weather Service

Codes	Sky condition indicators
0	Clear or few clouds
1	Partly cloudy (scattered) or variable sky
2	Cloudy (broken) or overcast
4	Fog or smoke
5	Drizzle
7	Snow
8	Showers

Many thanks for all your help!



1540110035

CountryCode	RouteNumber	RouteName	Year
840	83319	CASTOLON	2007

Temp Wind Sky

Mileage/time(optional):

End Time: (required)

Temp Wind Sky

10:25 40 1 2

Stops

Stops

Species	AOU	46	47	48	49	50	Species	AOU	46	47	48	49	50
Scaled Quail	02930	1	2				Blk-tail Gnatcatcher	07520	1				
Turkey Vulture	03250					1	Northern Mockingbird	07030	3	2	3	1	2
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Yellow-breasted Chat	06830	1				
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780	1				
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800					
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730		2	1	3	
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940	2	1	2		
Common Poorwill	04180						Blue Grosbeak	05970	1				1
White-throated Swift	04250						Varied Bunting	06000					
Gold-frnt Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodpkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040					
Brn-crest Flycatcher	04530						House Finch	05190					
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330	1											
Gray Vireo	06340						NBr						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460		1	1	1		☐						
Cactus Wren	07130					2	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

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VEHICLES

2 1 1 1 3

Excessive Noise:

O O O O O

Check NBr box if non-breeder.

SCAN FORM
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5452110031

CountryCode	RouteNumber	RouteName	Year
840	83319	CASTOLON	2007

Temp Wind Sky

65 2 2

Mileage/time(optional):

Stops

Stops

Species	AOU	41	42	43	44	45	Species	AOU	41	42	43	44	45
Scaled Quail	02930	1	1		3	1	Blk-tail Gnatcatcher	07520					1
Turkey Vulture	03250						Northern Mockingbird	07030				1	
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Yellow-breasted Chat	06830			1		
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910	1			1	
Greater Roadrunner	03850						Cassin's Sparrow	05780					1
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800					
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	2	3	2	1	3
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940		2	1	1	1
Common Poorwill	04180						Blue Grosbeak	05970				1	2
White-throated Swift	04250						Varied Bunting	06000			2		
Gold-front Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodpkr	03960			1			Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040					
Brn-crest Flycatcher	04530						House Finch	05190	2				
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330			2									
Gray Vireo	06340						NBr						
Common Raven	04860						☒ Chipping Sparrow						1
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460			1			☐						
Cactus Wren	07130					1	☐						
Rock Wren	07150		1				☐						
Canyon Wren	07170		1				☐						
Bewick's Wren	07190		1				☐						

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VEHICLES

Excessive Noise:

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Check NBr box if non-breeder.

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1512110034

CountryCode	RouteNumber	RouteName	Year
840	83319	CASTOLON	2007

Temp Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	36	37	38	39	40	Species	AOU	36	37	38	39	40
Scaled Quail	02930	2			1	1	Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030	2	2	2		2
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160						Yellow-breasted Chat	06830					
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800	2				
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	1	5	4	2	2
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940	1	1			1
Common Poorwill	04180						Blue Grosbeak	05970					
White-throated Swift	04250						Varied Bunting	06000					
Gold-front Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodprkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950	2			1	
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040				1	
Brn-crest Flycatcher	04530						House Finch	05190					
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330		1										
Gray Vireo	06340						NBr						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460					2	☐						
Cactus Wren	07130			1	1		☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190				1		☐						

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VEHICLES

Excessive Noise:

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Check NBr box if non-breeder.

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3471110030

CountryCode	RouteNumber	RouteName	Year
840	83319	CASTOLON	2007

Temp Wind Sky

65 1 1

Mileage/time(optional):

Stops							Stops						
Species	AOU	31	32	33	34	35	Species	AOU	31	32	33	34	35
Scaled Quail	02930	1					Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030	2	2		1	
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190			1			Lucy's Warbler	06430					
Mourning Dove	03160						Yellow-breasted Chat	06830					
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910			2		
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800	4	2		2	2
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	2		3	2	
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940				1	
Common Poorwill	04180						Blue Grosbeak	05970	1	1			
White-throated Swift	04250						Varied Bunting	06000					
Gold-front Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodpkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Bm-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040			1	1	1
Bm-crest Flycatcher	04530						House Finch	05190					
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340						NBr						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460						☐						
Cactus Wren	07130	1				1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190			1	1		☐						

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VEHICLES

Excessive Noise:

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Check NBr box if non-breeder.

SCAN FORM
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1538110032

CountryCode	RouteNumber	RouteName	Year
840	83319	CASTOLON	2007

Temp Wind Sky

Mileage/time(optional):

		Stops							Stops				
Species	AOU	26	27	28	29	30	Species	AOU	26	27	28	29	30
Scaled Quail	02930		1		1	1	Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030	2	1	1	1	2
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160	2			1		Yellow-breasted Chat	06830					
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910			2	1	
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800				1	3
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	1	1	4	3	7
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940		3	1		
Common Poorwill	04180						Blue Grosbeak	05970	1	1			
White-throated Swift	04250						Varied Bunting	06000					
Gold-frnt Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodpkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040					
Brn-crest Flycatcher	04530						House Finch	05190					
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470				1								
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340						NBr						
Common Raven	04860		1				☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460	1					☐						
Cactus Wren	07130	1	1			1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

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VEHICLES

Excessive Noise:

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Check NBr box if non-breeder.

SCAN FORM
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2483110032

CountryCode	RouteNumber	RouteName	Year
840	83319	CASTOLON	2007

Temp Wind Sky

67 0 1

Mileage/time(optional):

Stops

Stops

Species	AOU	21	22	23	24	25	Species	AOU	21	22	23	24	25
Scaled Quail	02930	1	1	1	1	2	Blk-tail Gnatcatcher	07520		1			
Turkey Vulture	03250				1		Northern Mockingbird	07030		1	1	1	
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160					1	Yellow-breasted Chat	06830					
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910		1			
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800					
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	1	2	4	3	2
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940		2			
Common Poorwill	04180						Blue Grosbeak	05970					
White-throated Swift	04250						Varied Bunting	06000					
Gold-front Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodprkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040	1	2			
Brn-crest Flycatcher	04530						House Finch	05190					
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340						NBr						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460						☐						
Cactus Wren	07130	2	1		1	1	☐						
Rock Wren	07150	1					☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

SCAN FORM
Page 7

5696110031

CountryCode RouteNumber

RouteName

Year

840

83319

CASTOLON

2007

Temp Wind Sky

Mileage/time(optional):

Stops							Stops						
Species	AOU	16	17	18	19	20	Species	AOU	16	17	18	19	20
Scaled Quail	02930	1	1	2	1	1	Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030	1		1	1	
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160			1			Yellow-breasted Chat	06830					
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800			1	1	
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	2	2	4	3	6
Lesser Nighthawk	04210						Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940				1	1
Common Poorwill	04180						Blue Grosbeak	05970					
White-throated Swift	04250						Varied Bunting	06000					
Gold-front Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodpkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040					1
Brn-crest Flycatcher	04530						House Finch	05190		1	2		1
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340						NBr						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460						☐						
Cactus Wren	07130	1	1		2		☐						
Rock Wren	07150			1	1		☐						
Canyon Wren	07170		1				☐						
Bewick's Wren	07190						☐						

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VEHICLES

Excessive Noise:

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Check NBr box if non-breeder.

SCAN FORM
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9821110035

CountryCode RouteNumber

RouteName

Year

840

83319

CASTOLON

2007

Temp Wind Sky

65 0 1

Mileage/time(optional):

Stops

Stops

Species	AOU	11	12	13	14	15	Species	AOU	11	12	13	14	15
Scaled Quail	02930	2	3	1		3	Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030			4	1	1
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160	1					Yellow-breasted Chat	06830					
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800					
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	3	2		2	3
Lesser Nighthawk	04210	2					Northern Cardinal	05930					
Common Nighthawk	04200						Pyrrhuloxia	05940	1	1	1	1	1
Common Poorwill	04180						Blue Grosbeak	05970				1	
White-throated Swift	04250						Varied Bunting	06000					
Gold-front Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodpkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570						Brn-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540						Scott's Oriole	05040		2	1		
Brn-crest Flycatcher	04530						House Finch	05190				1	
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340						NBr						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460					1	☐						
Cactus Wren	07130	3	3	2	1	1	☐						
Rock Wren	07150						☐						
Canyon Wren	07170						☐						
Bewick's Wren	07190						☐						

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VEHICLES

Excessive Noise:

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Check NBr box if non-breeder.

SCAN FORM
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2542110038

CountryCode	RouteNumber	RouteName	Year
840	83319	CASTOLON	2007

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			1	1	1	Blk-tail Gnatcatcher	07520					
Turkey Vulture	03250						Northern Mockingbird	07030					
Gray Hawk	03460						Curve-billed Thrasher	07070					
Red-tailed Hawk	03370						Crissal Thrasher	07120					
Killdeer	02730						Phainopepla	06200					
White-winged Dove	03190						Lucy's Warbler	06430					
Mourning Dove	03160				2		Yellow-breasted Chat	06830					
Inca Dove	03210						Summer Tanager	06100					
Yellow-billed Cuckoo	03870						Canyon Towhee	05910					
Greater Roadrunner	03850						Cassin's Sparrow	05780					
Western Screech-Owl	03732						Ruf-crowned Sparrow	05800					
Great Horned Owl	03750						Lark Sparrow	05520					
Elf Owl	03810						Blk-throated Sparrow	05730	3	5	1	5	2
Lesser Nighthawk	04210	6	1				Northern Cardinal	05930					
Common Nighthawk	04200						Pyrhuloxia	05940		1			
Common Poorwill	04180						Blue Grosbeak	05970					
White-throated Swift	04250						Varied Bunting	06000					
Gold-fmt Woodpecker	04100						Painted Bunting	06010					
Ladder-back Woodpkr	03960						Bronzed Cowbird	04960					
Say's Phoebe	04570		1	1			Brn-headed Cowbird	04950					
Vermilion Flycatcher	04710						Orchard Oriole	05060					
Ash-throat Flycatcher	04540			1	1	1	Scott's Oriole	05040	1			1	
Brn-crest Flycatcher	04530						House Finch	05190	2				1
Tropical Kingbird	04460						Lesser Goldfinch	05300					
Cassin's Kingbird	04480												
Western Kingbird	04470												
Loggerhead Shrike	06220												
Bell's Vireo	06330												
Gray Vireo	06340						NBr						
Common Raven	04860						☐						
N Rgh-wing Swallow	06170						☐						
Cliff Swallow	06120						☐						
Verdin	07460						☐						
Cactus Wren	07130		1		1	2	☐						
Rock Wren	07150		1	2			☐						
Canyon Wren	07170		1	1	1		☐						
Bewick's Wren	07190						☐						

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐

Check NBr box if non-breeder.

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1219110038

Official

Start Time:

0624

(required)
Temp Wind Sky

Actual

Start Time:

0624

Mileage/time(optional):

CountryCode Routename

840

CASTOLON

RouteNumber

83319

Date (mm/dd/yyyy)

05/19/2007

Observer's Name:

Mark Flippo

Stops

Stops

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

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VEHICLES

Excessive Noise:

☐ ☐ ☐ ☐ ☐
Check NBr box if
non-breeder.SCAN FORM
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